

REGULAR MEETING OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS

Agenda

Tuesday, April 18, 2023

6:30 PM

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

- a. Recognition of Alan Aragon for his 10 years of service.

Associate Director Comment

Public Comment

2. Consent Calendar

- | | |
|--|-------|
| (Stefani Phillips, Board Secretary and Patrick Lee, Treasurer) | 4-5 |
| a. Minutes of Community Advisory Committee Meeting of March 21, 2023 | 6 |
| b. Minutes of Regular Board Meeting of March 21, 2023 | 7-9 |
| c. Minutes of Infrastructure Committee Meeting of April 11, 2023 | 10 |
| d. Accounts Payable Check History – March 2023 | 11-16 |
| e. Board and Employee Expense/Reimbursements – March 2023 | 17 |
| f. Active Accounts – March 2023 | 18 |
| g. Bond Covenant Status for FY 2022-23 – March 2023 | 19 |
| h. CASH - Detail Schedule of Investments– March 2023 | 20 |
| i. Consultants Expenses – March 2023 | 21 |
| j. Major Capital Improvement Projects – March 2023 | 22 |

Associate Director Comment

Public Comment

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

3. General Counsel Services
(Bruce Kamilos, General Manager)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

4. Educational Workshop - Advanced Metering Infrastructure
(Bruce Kamilos, General Manager)

37-52

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

5. Elk Grove Water District Fiscal Year 2022-23 Quarterly Operating Budget Staff Report
(Patrick Lee, Finance Manager)

53-60

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

6. Elk Grove Water District Fiscal Year 2022-23 Quarterly Capital Reserve Status Report
(Patrick Lee, Finance Manager)

61-64

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

7. 2024-2028 Water Rate and Connection Fee Study
(Patrick Lee, Finance Manager)

65-72

Associate Director Comment

Public Comment

Recommended Action/Information: Provide direction to staff.

8. Draft Budget Worksheet and Departmental Goals and Objectives for the Florin Resource Conservation District/Elk Grove Water District Fiscal Year 2023-24 Operating Budget
(Patrick Lee, Finance Manager)

73-105

Associate Director Comment

Public Comment

Recommended Action/Information: Review and provide direction to staff.

9. Exceptional Customer Service Program **106-108**
(Travis Franklin, Program Manager)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

10. Legislative Matters and Potential Direction to Staff **109-115**
(Travis Franklin, Program Manager)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

11. General Manager's Report **116-133**
(Bruce Kamilos, General Manager)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

12. Elk Grove Water District Operations Report – March 2023 **134-191**
(Bruce Kamilos, General Manager)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

13. Directors Comments

14. Closed Session

- a. PUBLIC EMPLOYEE PERFORMANCE EVALUATION (Pursuant to Government Code section 54957)
Title: General Manager
- b. CONFERENCE WITH LABOR NEGOTIATORS (Pursuant to Government Code section 54957.6)
Agency designated representative: FRCD Board of Directors
Unrepresented employee: General Manager

Adjourn to Regular Meeting – May 16, 2023

April 18, 2023

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 – j.

SUMMARY

Consent Calendar items a – j 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 – j.

DISCUSSION

Background

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

Present Situation

Consent Calendar items a – j 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 2020-2025 Strategic Plan. The monthly Consent Calendar report provides transparency, which aligns with Goal No. 1, Governance and Customer Engagement, of the Strategic Plan 2020-2025.

April 18, 2023

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 COMMUNITY ADVISORY COMMITTEE MEETING
OF THE FLORIN RESOURCE CONSERVATION DISTRICT/
ELK GROVE WATER DISTRICT**

Tuesday, March 21, 2023

Attendance:

Committee Members Present: Robert Blank, Rita Achuff, Mark Freathy, Paul Lindsay, Kimberly Martin, Reinold Rau, Robert Stresak, Donald Trethewey, Dwight Weathers

Staff Present: Bruce Kamilos, General Manager; Patrick Lee, Finance Manager; Stefani Phillips, Board Secretary; Donella Murillo, Finance Supervisor; and Amber Kavert, Human Resources Technician

Consultants Present: Steve Gagnon and Theresa Jurotich, Raftelis

1. 2024-2028 Water Rate and Connection Fee Study

General Manager Bruce Kamilos kicked off the meeting. He informed the Community Advisory Committee (CAC) that staff is looking for a consensus on the proposed rate design.

Steve Gagnon and Theresa Jurotich from Raftelis presented a PowerPoint presentation on the proposed rate design.

The CAC members asked questions, and received answers, related to the proposed fixed charge and the commodity charge.

Overall, the CAC members were in consensus with the proposed rate design.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary
AK/SP

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

Tuesday, March 21, 2023

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: Tom Nelson, Paul Lindsay, Elliot Mulberg, Sophia Scherman
Directors Absent: Lisa Medina
Staff Present: Bruce Kamilos, General Manager; Patrick Lee, Finance Manager/
Treasurer; Stefani Phillips, Human Resources Administrator/Board
Secretary; Travis Franklin, Program Manager; Donella Murillo, Finance
Supervisor; Ben Voelz, Associate Engineer; Amber Kavert, Human
Resources Technician
Staff Absent: None
Associate Directors Present: None
Associate Directors Absent: None
General Counsel Present: Ren Nosky, JRG Attorneys at Law
Consultant Present: Steve Gagnon and Theresa Jurotich, Raftelis

Public Comment

No comment.

1. Proclamations and Announcements

Chair Tom Nelson called for a moment of silence for previous Florin Resource Conservation District (FRCD) Board of Director Chuck Dawson.

2. Consent Calendar

- a. Minutes of Community Advisory Committee Meeting of February 21, 2023
- b. Minutes of Regular Board Meeting of February 21, 2023
- c. Accounts Payable Check History – February 2023
- d. Board and Employee Expense/Reimbursements – February 2023
- e. Active Accounts – February 2023
- f. Bond Covenant Status for FY 2021-22 – February 2023
- g. CASH - Detail Schedule of Investments– February 2023
- h. Consultants Expenses – February 2023
- i. Major Capital Improvement Projects – February 2023

MSC (Lindsay/Mulberg) to approve Florin Resource Conservation District Consent Calendar items a-i. 4/0: Ayes: Lindsay, Nelson, Medina, and Mulberg.

3. Year to Date Revenues and Expenses Compared to Budget – February 2023

Finance Manager Patrick Lee presented the item to the Board.

4. 2024-2028 Water Rate and Connection Fee Study

Mr. Lee introduced the item to the Board. He provided a recap of the February meeting where the Board chose to move forward with Scenario #4 – 4.5% increase all five (5) years. Mr. Lee then introduced Steve Gagnon and Theresa Jurotich from Raftelis to present a PowerPoint on the proposed rate design.

After discussion, the Boards consensus was to direct staff to move forward with the proposed rate design.

5. Florin Resources Conservation District/Elk Grove Water District 2023 Compensation Study

Human Resources Administrator Stefani Phillips presented the item to the Board.

In summary, on February 21, 2023, the District's 2023 Compensation Study Report was presented by the Consultant to the Board. The Board agreed by consensus to the recommendations using the 60th percentile of total compensation to determine the base pay for all classifications. Additionally, for the classifications that exceeded the 60th percentile of total compensation, the Board's consensus was to keep the current salary ranges until which time the position is vacated, then they may be set at a new lower salary range. The recommendations from the Compensation Study will be incorporated into the District's Fiscal Year 2023-24 Operating Budget, which will be presented for adoption at the June Board meeting. If approved, the new salary ranges will go into effect on July 1, 2023.

Director Elliot Mulberg left the Board meeting. With three (3) Board members present, a quorum was confirmed.

MSC (Lindsay/Scherman) to accept and file the Florin Resource Conservation District/Elk Grove Water District 2023 Compensation Study. 3/0: Ayes: Lindsay, Nelson and Scherman.

6. General Manager's Report

General Manager Bruce Kamilos presented the item to the Board.

In summary, the District's General Counsel Services with JRG Attorneys at Law expires on April 21, 2023. Staff discussed and received direction from the Board about the approach the District should take for procuring future general counsel services. As a result, staff will ask Andrew Ramos from Bartkiewicz, Kronick & Shanahan to attend the April board meeting and provide a brief presentation about his firm's services.

Mr. Kamilos also informed the Board that the Association of California Water Agencies (ACWA) requested each member agency to designate a voting representative for the upcoming election and mentioned that the voting process has changed to a fillable form. The Board chose to keep Chair Tom Nelson as the voting representative.

Mr. Kamilos also informed the Board that the District now offers customers the option to automatically pay their water bills on a recurring basis with their credit cards.

7. California Special Districts Association Board of Directors Call for Nominations – Sierra Network Seat C

Ms. Phillips presented the item to the Board.

In summary, the California Special Districts Association (CSDA) is calling for nominations for Board of Directors to be placed on the ballot for Sierra Network, Seat C. The term of office will begin on January 1, 2024; through December 31, 2026. The CSDA Board of Directors governing body is responsible for all policy decisions related to the CSDA's member services, legislative advocacy, education, and resources.

Chair Nelson will speak with Director Mulberg to see if he is interested in the nomination.

8. Legislative Matters and Potential Direction to Staff

Program Manager Travis Franklin presented the item to the Board.

Mr. Franklin informed the Board, the District joined ACWA's coalition letter of support for Senate Bill 867, Drought and Water Resilience, Wildfire and Forest Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, and Park Creation and Outdoor Access Bond Act of 2023.

9. Florin Resource Conservation District/Elk Grove Water District 2020-2025 Strategic Plan Update

Mr. Kamilos presented the item to the Board.

In summary, the District developed the 2020-2025 Strategic Plan (Plan) to guide the District's operations over the next five (5) years. The Plan is an important document that expresses the District's core values and sets forth key goals and objectives for the District. The Board has requested that staff return in March of each calendar year to provide an update on the status of each of the objectives that have been developed to help achieve the goals as set forth in the Plan.

After a discussion on various goals, the Board unanimously agreed to remove the District of Distinction award from the list. The Board suggested staff share with the customers by way of the Water Drop newsletter that the District has received the Government Finance Office Association award for the 14th year in a row.

10. Elk Grove Water District Operations Report – February 2023

Mr. Kamilos presented the EGWD Operations Report – February 2023 to the Board.

11. Directors Comments

Nothing to report.

12. Closed Session

Nothing to report.

Adjourn to Regular Board Meeting on April 18, 2023.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary

AK/SP

**MINUTES OF THE INFRASTRUCTURE COMMITTEE OF THE
FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS**

Tuesday, April 11, 2023

Attendance:

Committee Members: Lisa Medina, Director; and Paul Lindsay, Vice-chair
Staff: Bruce Kamilos, General Manager; Ben Voelz, Associate Engineer; Stefani Phillips, Board Secretary; Patrick Lee, Treasurer; Amber Kavert, Human Resources Technician
Public: None

This was a posted meeting and no members of the public were present.

1. Draft Fiscal Year 2024-2028 Capital Improvement Program

Associate Engineer Ben Voelz presented the Draft Fiscal Year (FY) 2024-28 Capital Improvement Program (CIP) to the members of the Infrastructure Committee (Committee).

Mr. Voelz provided information on the projects that have been added or changed since last year's CIP and which projects have been carried over. He then asked the Committee for their questions or comments.

The Committee and staff reviewed the projects in the CIP.

Adjourn to Regular Board Meeting on April 18, 2023, at 6:30 p.m.

Respectfully submitted,



Stefani Phillips, Board Secretary

AK/SP

Check History Report

**3/1/2023 to 3/31/2023
Elk Grove Water District**

Check Number	Check Date	Vendor Number	Vendor Name	Check	Explanation
056959	3/1/2023	AMAZON	AMAZON CAPITAL SERVICES	120.02	Supplies - OPS
056960	3/1/2023	AQUA ME	AQUA-METRIC SALES, CO.	620.98	Repairs - Meter Reading Equipment
056961	3/1/2023	BEN RES	BENEFIT RESOURCE, INC	152.50	Cafeteria Plan
056962	3/1/2023	BSK4	BSK ASSOCIATES	391.00	Sampling - Treatment
056963	3/1/2023	CAP COM	CAPITAL COMMERCIAL FLOORING,	5,175.00	Furnish & Install LVT & Rubber Base - Modify Flooring Kitchen
056964	3/1/2023	CASTEAM	CALIFORNIA STEAM	35.56	Materials - Distribution
056965	3/1/2023	CINTAS2	CINTAS	165.98	Weekly Billing - OPS Uniforms
056966	3/1/2023	CITY RI	CITY RISE, LLC	1,896.40	(2) Invoices - Contracted Help - Traffic Control, Traffic Control Plan
056967	3/1/2023	COEG	CITY OF ELK GROVE	713.59	Encroachment - General District Maintenance
056968	3/1/2023	COEG	CITY OF ELK GROVE	526.63	Encroachment - Locust St. Potholing - CIP
056969	3/1/2023	CONSOLI	CONSOLIDATED COMMUNICATIONS	5,900.13	Equipment & Ethernet Service/Phones-MOC/ADMIN
056970	3/1/2023	COUNTY3	COUNTY OF SACRAMENTO	81.50	Dump Fees - Utility Crew
056971	3/1/2023	COUNTY4	SACRAMENTO COUNTY UTILITIES	288.23	Administration - Bimonthly Sewer
056972	3/1/2023	COVER A	COVERALL NORTH AMERICA, INC	1,050.00	Janitorial Services -ADMIN
056973	3/1/2023	CR JIDO	JINKY DOLAR	128.70	Account Closed - Customer Refund
056974	3/1/2023	CR TIEN	TIEN PHAM	88.45	Account Closed - Customer Refund
056975	3/1/2023	CRF CTR	CHANEL T. TROUNG	117.73	Account Closed - Customer Refund
056976	3/1/2023	CRF ECL	EDDIE F. LANG & CHERYL L. LANG	78.43	Account Closed - Customer Refund
056977	3/1/2023	CRF HWA	HEATHER WARD	145.94	Account Closed - Customer Refund
056978	3/1/2023	CRF JDL	JONATHAN DE LA GARZA	165.47	Account Closed - Customer Refund
056979	3/1/2023	CRF JEA	JEANNETTE WONG MEDINA	85.00	Account Closed - Customer Refund
056980	3/1/2023	CRF JRA	JENNIFER RANDAZZIO	155.54	Account Closed - Customer Refund
056981	3/1/2023	CRF KUN	KUNZITE RESIDENTIAL INC	200.00	Account Closed - Customer Refund
056982	3/1/2023	CRF MBA	MOHAMMED BABAR	74.59	Account Closed - Customer Refund
056983	3/1/2023	CRF MMR	M&M REAL ESTATE	188.53	Account Closed - Customer Refund
056984	3/1/2023	CRF RHF	RHONDA PHILLIPS	80.00	Account Closed - Customer Refund
056985	3/1/2023	CRF RRO	REALITY ROUNDUP	0.72	Account Closed - Customer Refund
056986	3/1/2023	CRF SRU	SUSAN RUSHING	53.79	Account Closed - Customer Refund
056987	3/1/2023	CRF WWA	WADE WAYLAND	108.59	Account Closed - Customer Refund
056988	3/1/2023	CRF ZAN	ZARIA NAIDU	22.86	Account Closed - Customer Refund
056989	3/1/2023	CRFCABR	CARLOS ABRIAM	105.78	Account Closed - Customer Refund
056990	3/1/2023	CRFJOAN	JO ANN SALLEE	11.77	Account Closed - Customer Refund
056991	3/1/2023	CRFPRIN	PRINCEP VAN UCL	106.88	Account Closed - Customer Refund
056992	3/1/2023	CRREXI	REX IRELAND	97.23	Account Closed - Customer Refund
056993	3/1/2023	CRTHOT	THOMAS TUCKER	150.00	Account Closed - Customer Refund
056994	3/1/2023	CRWHITE	WHITE HORSE HOME INC	190.00	Account Closed - Customer Refund
056995	3/1/2023	DMV	DMV	44.00	Pull Notice - HR
056996	3/1/2023	FLORIN	FLORIN AUTOMOTIVE REPAIR	820.84	(3) Invoices - Repairs & Maintenance - OPS Vehicles
056997	3/1/2023	FRONT C	FRONTIER COMMUNICATIONS	276.35	Communications - School St. Well #1

056998	3/1/2023	HOLT	HOLT OF CALIFORNIA	541.57	(2) Invoices - Materials - Utility Crew
056999	3/1/2023	INLAND2	INLAND BUSINESS SYSTEMS	222.21	Xerox Copier - Supplies - MOC
057000	3/1/2023	JAYS	JAY'S TRUCKING SERVICE	2,077.74	(2) Invoices - Materials & Dump Fees - CIP
057001	3/1/2023	NTU	NTU TECHNOLOGIES, INC	2,856.60	Supplies Pro Pac 9600 - Treatment
057002	3/1/2023	PACE	PACE SUPPLY CORP	4,473.68	(5) Invoices - Materials - Distribution/CIP
057003	3/1/2023	PEST	PEST CONTROL CENTER INC	84.00	Pest Control - MOC
057004	3/1/2023	PRE ALL	PREFERRED ALLIANCE, INC	42.00	Non-Random Tests - HR
057005	3/1/2023	QUAL SO	QUALITY SOUND	15,238.41	Boardroom AV
057006	3/1/2023	ROOCO	ROOCO RENTS	1,994.73	(2) Invoices - Materials - CIP
057007	3/1/2023	SIERRA	SIERRA OFFICE SUPPLIES	195.27	Supplies - ADMIN
057008	3/1/2023	SKILLPA	SKILLPATH SEMINARS	3,870.00	De-Escalation Training -ADMIN/OPS
057009	3/1/2023	TRE&TRA	TRENCH & TRAFFIC SUPPLY	1,353.13	(2) Invoices - Rental Equipment - CIP
057010	3/1/2023	US BANK	U.S. BANCORP EQUIPMENT FIN INC	809.42	Copier - ADMIN - February 2023
057011	3/1/2023	WHITECA	WHITE CAP L.P.	339.43	(2) Invoices - Materials & Supplies - CIP/Distribution
057012	3/1/2023	WIN 911	WIN-911 SOFTWARE	960.00	*SCADA Alerting Software - OPS
057013	3/8/2023	ACWAJPI	CB&T/ ACWA-JPIA	64,121.33	Medical Benefits - April 2023
057014	3/8/2023	AWWA2	California Nevada Section-AWWA	120.00	*Annual Membership Dues - Michael Montiel
057015	3/8/2023	BAY 3	BAY ALARM COMPANY	2,176.25	Monthly Security Monitoring - MOC/ADMIN
057016	3/8/2023	BG SOLU	SOLUTIONS BY BG INC.	9,122.50	Daily Tasks/Help Tickets
057017	3/8/2023	BSK4	BSK ASSOCIATES	811.00	Sampling - Treatment
057018	3/8/2023	CCPPM	CCPPM	733.02	Printing - Monthly Door Tags
057019	3/8/2023	CHECK P	CHECK PROCESSORS, INC	327.20	Monthly HBC Payments Processed
057020	3/8/2023	CHIC12	CHICAGO TITLE COMPANY	104.25	Account Closed - Customer Refund
057021	3/8/2023	CINTAS	CINTAS	264.78	(2) Invoices - OPS/ADMIN - Medicine Cabinets
057022	3/8/2023	CINTAS2	CINTAS	165.98	Weekly Billing - OPS Uniforms
057023	3/8/2023	CITY RI	CITY RISE, LLC	1,646.40	Contracted Help - Traffic Control
057024	3/8/2023	COEG	CITY OF ELK GROVE	269.15	Encroachment - General District Maintenance
057025	3/8/2023	COEG	CITY OF ELK GROVE	895.01	Encroachment - Locust St. Potholing - CIP
057026	3/8/2023	COVER A	COVERALL NORTH AMERICA, INC	499.00	Monthly Janitorial Services - MOC
057027	3/8/2023	CR FID	FIDELITY NATIONAL TITLE	406.57	Account Closed - Customer Refund
057028	3/8/2023	CR FID	FIDELITY NATIONAL TITLE	141.50	Account Closed - Customer Refund
057029	3/8/2023	CR JDCU	JAGJIT DCUNHA	62.39	Account Closed - Customer Refund
057030	3/8/2023	CR KAED	KATHLEEN EDDY	131.75	Account Closed - Customer Refund
057031	3/8/2023	CR LTI	LENNAR TITLE	54.23	Account Closed - Customer Refund
057032	3/8/2023	CRCT 2	CHICAGO TITLE	109.17	Account Closed - Customer Refund
057033	3/8/2023	CRF ALH	ALTAF HUSSAIN	144.26	Account Closed - Customer Refund
057034	3/8/2023	CRF CSM	CHRIS SMITH	57.63	Account Closed - Customer Refund
057035	3/8/2023	CRF CYH	CYNTHIA HOWERTON	45.65	Account Closed - Customer Refund
057036	3/8/2023	CRF DBU	DEBRA BURKE	209.99	Account Closed - Customer Refund
057037	3/8/2023	CRF FN3	FIDELITY NATIONAL TITLE	0.16	Account Closed - Customer Refund
057038	3/8/2023	CRF KET	KENNY THAI	55.00	Account Closed - Customer Refund
057039	3/8/2023	CRF LEN	LENNAR HOMES CA, INC	82.27	Account Closed - Customer Refund
057040	3/8/2023	CRF NDA	NICK DALEO	69.99	Account Closed - Customer Refund
057041	3/8/2023	CRF NFT	THE NORGAARD FAMILY TRUST	110.87	Account Closed - Customer Refund
057042	3/8/2023	CRF PAG	PAUL GOETZ	108.71	Account Closed - Customer Refund
057043	3/8/2023	CRF SMC	STENBERG MARQUESS CA LLC	38.60	Account Closed - Customer Refund
057044	3/8/2023	CRFFAT4	FIRST AMERICAN TITLE COMPANY	15.50	Account Closed - Customer Refund

057045	3/8/2023	CRFPATM	PATRICIA MCNEILL	100.00	Account Closed - Customer Refund
057046	3/8/2023	CRFST6	STEWART TITLE OF SACRAMENTO	36.04	Account Closed - Customer Refund
057047	3/8/2023	CRGABL	GABRIELE LONG	76.04	Account Closed - Customer Refund
057048	3/8/2023	CRNICKS	NICK SHEBERT	88.14	Account Closed - Customer Refund
057049	3/8/2023	DATAPRO	DATAPROSE LLC	195.60	Printing - Reoccurring Credit Card Payment - Billing Envelopes
057050	3/8/2023	DATAPRO	DATAPROSE LLC	6,944.41	February Billing, Postage & Inserts
057051	3/8/2023	DELPHIA	DELPHIA CONSULTING, LLC	165.00	Contracted Services - Payroll & HR
057052	3/8/2023	EG FORD	ELK GROVE FORD	1,797.66	Repairs & Maintenance - OPS Vehicle
057053	3/8/2023	HOLT	HOLT OF CALIFORNIA	4,493.98	Equipment Rental Excavator - CIP
057054	3/8/2023	INT STA	INTERSTATE OIL COMPANY	3,057.15	(2) Invoices - Fuel
057055	3/8/2023	PACE	PACE SUPPLY CORP	1,090.87	(3) Invoices - Materials - Distribution/CIP
057056	3/8/2023	REPubLI	REPUBLIC SERVICES #922	491.87	Trash, Recycle and Organics - ADMIN
057057	3/8/2023	REPubLI	REPUBLIC SERVICES #922	1,506.72	Trash, Recycle and Organics - MOC
057058	3/8/2023	ROOCO	ROOCO RENTS	3,451.38	(2) Invoices - Materials - CIP
057059	3/8/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057060	3/8/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057061	3/8/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057062	3/8/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057063	3/8/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057064	3/8/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057065	3/8/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057066	3/8/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057067	3/8/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057068	3/8/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057069	3/8/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057070	3/8/2023	SIERRA	SIERRA OFFICE SUPPLIES	293.09	(2) Invoices - Supplies - ADMIN/OPS
057071	3/8/2023	SIGN CE	THE SIGN CENTER	70.31	Materials - ADMIN
057072	3/8/2023	SOUTHWE	SOUTHWEST ANSWERING SERVICE,	834.32	After Hours Answering Service - On call
057073	3/8/2023	SWRCB2	SWRCB-DWOCP	110.00	Certification Renewal - T2 - Bruce Kamilos
057074	3/8/2023	TEICH A	TEICHERT AGGREGATES	515.46	Materials - CIP
057075	3/8/2023	WALKER	WALKER KREATIVE	1,900.00	Social Media Public Outreach Campaign
057076	3/15/2023	AFLAC	AFLAC	1,444.92	Voluntary Employee Paid Benefits
057077	3/15/2023	AMAZON	AMAZON CAPITAL SERVICES	224.19	(6) Invoices - Materials & Supplies - OPS/ADMIN
057078	3/15/2023	ARBOR	ARBOR TECH SERVICES	2,175.00	Contracted Services - Tree Removal - ADMIN
057079	3/15/2023	BACKFLO	BACKFLOW DISTRIBUTORS, INC	703.33	(2) Invoices - Parts for Backflow Test Kits
057080	3/15/2023	BRYCE	BRYCE CONSULTING, INC	2,280.00	HR Technical Services
057081	3/15/2023	CINTAS2	CINTAS	331.96	(2) Invoices - Weekly Billing -OPS Uniforms
057082	3/15/2023	CNR TRU	CNR TRUCKING & CATTLE	1,500.70	Construction Permit Refund
057083	3/15/2023	CONSOLI	CONSOLIDATED COMMUNICATIONS	1,765.36	Ethernet Service/Phones-MOC/ADMIN
057084	3/15/2023	COUNTY	COUNTY OF SACRAMENTO	400,414.01	Sacramento County Water Billings - Jan & Feb 2023
057085	3/15/2023	COUNTY4	SACRAMENTO COUNTY UTILITIES	78.35	MOC - Sewer Fee
057086	3/15/2023	CR FAT1	FIRST AMERICAN TITLE	67.08	Account Closed - Customer Refund
057087	3/15/2023	CRF ALH	ALTAF HUSSAIN	100.00	Account Closed - Customer Refund
057088	3/15/2023	CRF DHO	DENNIS HOOPER	50.06	Account Closed - Customer Refund
057089	3/15/2023	CRF JCH	JOHN & TIFFANY CHANDLER	37.59	Account Closed - Customer Refund
057090	3/15/2023	CRF KMU	KEVIN MUNDAY	92.83	Account Closed - Customer Refund
057091	3/15/2023	CRF R R	REALTY ROUNDUP	62.37	Account Closed - Customer Refund

057092	3/15/2023	CRF TEK	TERRY KITCHEN	2,888.42	Account Closed - Customer Refund
057093	3/15/2023	CRFJENR	JENNIFER ROSEHILL	64.40	Account Closed - Customer Refund
057094	3/15/2023	CRJENNG	JENNIFER GONZALEZ	54.35	Account Closed - Customer Refund
057095	3/15/2023	CS AH	CARD SERVICES	38.85	Supplies - Treatment
057096	3/15/2023	CS BV	CARD SERVICES	247.03	AWWA Conference Deposit for Hotel -TS
057097	3/15/2023	CS DF	CARD SERVICES	401.30	Materials - Distribution
057098	3/15/2023	CS DM	CARD SERVICES	207.90	Software, Parking, Membership Dues, Printer - ADMIN
057099	3/15/2023	CS SH	CARD SERVICES	69.04	Materials, Tools - Distribution
057100	3/15/2023	CS SP	CARD SERVICES	306.00	1 Year IXL Classroom License, Materials - HR
057101	3/15/2023	CS SS	CARD SERVICES	1,461.60	*Annual Pager Duty (Software) - Treatment
057102	3/15/2023	CS TF	CARD SERVICES	220.00	Employee Appreciation, Contracted Services - PM
057103	3/15/2023	CSPL	CARD SERVICES	57.85	Parking, Materials - ADMIN
057104	3/15/2023	EGCOC 2	ELK GROVE CHAMBER OF	670.00	*Annual Membership Dues
057105	3/15/2023	JD SPEC	JD SPECIALTIES	3,483.00	Repairs & Maintenance - Bathroom Partitions -MOC
057106	3/15/2023	LANSET	LANSET AMERICA	1,339.81	Offsite Disaster Recovery
057107	3/15/2023	ONWORK	ONE WORKPLACE	3,456.30	Revise Customer Service Area - Daphne & Tonia Desks
057108	3/15/2023	PACE	PACE SUPPLY CORP	3,372.68	(5) Invoices - Materials - Distribution/Utility Crew
057109	3/15/2023	PROMISE	Promise Keeper LLC	61.95	Account Closed - Customer Refund
057110	3/15/2023	RAFT	RAFTELIS	12,777.50	Water Rate and Connection Fee Study
057111	3/15/2023	REPUBLI	REPUBLIC SERVICES #922	321.10	Bimonthly Storm Drain Utility Fee Zone 1 - Feb - Mar 2023
057112	3/15/2023	ROOCO	ROOCO RENTS	708.20	Materials - CIP
057113	3/15/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057114	3/15/2023	SMUD	SMUD	642.66	Monthly Electricity - Administration Building
057115	3/15/2023	SWRCB2	SWRCB-DWOCP	110.00	Certification Renewal - T2 - John Vance
057116	3/15/2023	VERIZON	VERIZON WIRELESS	584.35	MIFI & On call Phone Services
057117	3/22/2023	AIRGAS	AIRGAS USA, LLC	339.00	Tools - Utility Crew
057118	3/22/2023	ALAN AR	ALAN ARAGON	269.36	Boot Reimbursement
057119	3/22/2023	AMAZON	AMAZON CAPITAL SERVICES	189.58	(2) Invoices - Supplies - ADMIN
057120	3/22/2023	AQUA ME	AQUA-METRIC SALES, CO.	2,153.07	(5) Auto Read Wands - Meter Reading Equipment
057121	3/22/2023	BG SOLU	SOLUTIONS BY BG INC.	9,122.50	Daily Tasks/Help Tickets
057122	3/22/2023	BSK4	BSK ASSOCIATES	96.00	Sampling - Treatment
057123	3/22/2023	CR DMA	DAVID MARTCHENKE	51.98	Account Closed - Customer Refund
057124	3/22/2023	CR RABA	RAJVIRPAL BAINS	59.94	Account Closed - Customer Refund
057125	3/22/2023	CR TTU	TOM TUCKER	77.83	Account Closed - Customer Refund
057126	3/22/2023	CRF CST	CORNER STONE TITLE COMPANY	122.71	Account Closed - Customer Refund
057127	3/22/2023	CRF HWA	HEATHER WARD	144.86	Account Closed - Customer Refund
057128	3/22/2023	CRF ING	INGE BIGGS	66.38	Account Closed - Customer Refund
057129	3/22/2023	CRF KUN	KUNZITE RESIDENTIAL INC	104.31	Account Closed - Customer Refund
057130	3/22/2023	CRF OPL	OPENDOOR LAB, INC	249.11	Account Closed - Customer Refund
057131	3/22/2023	CRF RCR	RACHEL CRANE RECOVABLE	69.42	Account Closed - Customer Refund
057132	3/22/2023	CRF RHF	RHONDA PHILLIPS	109.79	Account Closed - Customer Refund
057133	3/22/2023	CRF SRU	SUSAN RUSHING	53.71	Account Closed - Customer Refund
057134	3/22/2023	CRF TUC	TUNG CAI	76.73	Account Closed - Customer Refund
057135	3/22/2023	CRF WWA	WADE WAYLAND	106.23	Account Closed - Customer Refund
057136	3/22/2023	CS AA	CARD SERVICES	710.10	Fuel, Tools, Materials, Supplies - Distribution
057137	3/22/2023	CS CP	CARD SERVICES	843.85	Materials, Tools, Repairs Equipment, Late Fee - Utility Crew
057138	3/22/2023	DB COLS	DB CONSTRUCTIONAL LANDSCAPE	3,150.00	Landscape & Maintenance - Wellsite's & Offices

057139	3/22/2023	DELPHIA	DELPHIA CONSULTING, LLC	110.00	Contracted Services - Payroll & HR
057140	3/22/2023	DMV	DMV	36.00	Pull Notice - HR
057141	3/22/2023	EG PLUM	ELK GROVE PLUMBING & DRAIN	4,172.00	Plumbing Repair - MOC
057142	3/22/2023	HOLT	HOLT OF CALIFORNIA	4,154.27	Equipment Rental Excavator - CIP
057143	3/22/2023	INDU EL	INDUSTRIAL ELECTRIC CO.	6,480.00	RRWTF Infrared Inspection - Treatment
057144	3/22/2023	JAYS	JAY'S TRUCKING SERVICE	5,120.50	(3) Invoices - Materials & Dump Fees - CIP
057145	3/22/2023	JRG	JRG ATTORNEYS, LLP	2,417.58	Legal - February 2023
057146	3/22/2023	LAKE V	LAKE VUE ELECTRIC, INC	444.00	Repair Connection to Well Motor - Treatment
057147	3/22/2023	PACE	PACE SUPPLY CORP	1,782.48	(3) Invoices - Materials - Distribution/Utility Crew
057148	3/22/2023	PIT 5	PURCHASE POWER	66.15	Postage Machine - ADMIN
057149	3/22/2023	PIT 6	PITNEY BOWES GLOBAL FINANCIAL SERVICES LLC	178.42	Quarterly Postage Machine Rental
057150	3/22/2023	RBI	ROBERTSON-BRYAN, INC	493.50	CCR - 2022 Kickoff - Program Manager
057151	3/22/2023	ROOCO	ROOCO RENTS	1,291.40	Materials - CIP
057152	3/22/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057153	3/22/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057154	3/22/2023	SAC 5	SACRAMENTO COUNTY	20.00	Lien Release
057155	3/22/2023	SIERRA	SIERRA OFFICE SUPPLIES	374.67	(2) Invoices - Supplies - OPS
057156	3/22/2023	SMUD	SMUD	1,023.06	Monthly Electricity - Hampton Wellsite #13
057157	3/22/2023	SMUD	SMUD	496.71	Monthly Electricity - Ranch Park & Kelsey Wellsite #8
057158	3/22/2023	SMUD	SMUD	6,775.22	Monthly Electricity - Dino Wellsite #11D
057159	3/22/2023	SMUD	SMUD	7,962.10	Monthly Electricity - Railroad Wellsite #14D
057160	3/22/2023	SMUD	SMUD	1,146.69	Monthly Electricity - Elk Grove Blvd Wellsite #1
057161	3/22/2023	SMUD	SMUD	52.36	Monthly Electricity - Elk Way Wellsite #3
057162	3/22/2023	SMUD	SMUD	5,253.14	Monthly Electricity - Meadow Grove Dr/Webb St. Wellsite #4
057163	3/22/2023	SMUD	SMUD	1,208.49	Monthly Electricity - Polhemus Dr. Wellsite #9
057164	3/22/2023	SOFTWARE	SOFTWAREONE, INC	1,457.60	2 Factor Authentication For Security
057165	3/22/2023	SWRCB2	SWRCB-DWOCP	110.00	Certification Renewal - T2 - Marcell Wilson
057166	3/22/2023	TEICH A	TEICHERT AGGREGATES	1,192.44	Materials - CIP
057167	3/22/2023	USS	UNITED SITE SERVICES	1,217.40	Facilities Rental - Utility Crew
057168	3/22/2023	WILSON	MARCELL WILSON	280.14	Boot Reimbursement
057169	3/29/2023	AMAZON	AMAZON CAPITAL SERVICES	120.79	Tools - Treatment
057170	3/29/2023	AQUA	AQUA SIERRA CONTROLS, INC	1,708.00	Repairs - Troubleshoot ABB Meter - Treatment
057171	3/29/2023	AQUA ME	AQUA-METRIC SALES, CO.	8,512.00	(3) Invoices - Meters - Distribution
057172	3/29/2023	B KENT	BRANDON KENT	100.00	Reimbursement Certification D3 Test - Brandon kent
057173	3/29/2023	BACK TE	BACKFLOW TECHNOLOGIES, INC	1,235.00	Contracted Services - Backflow Testing
057174	3/29/2023	BATTER	BATTERIES PLUS	204.49	Supplies - Treatment
057175	3/29/2023	BAY 3	BAY ALARM COMPANY	480.00	Quarterly Security Alarm Monitoring - ADMIN
057176	3/29/2023	BSK4	BSK ASSOCIATES	833.00	Sampling - Treatment
057177	3/29/2023	CINTAS2	CINTAS	165.98	Weekly Billing - OPS Uniforms
057178	3/29/2023	DELPHIA	DELPHIA CONSULTING, LLC	1,760.00	Contracted Services - Payroll & HR - Custom Format
057179	3/29/2023	DITCH 3	DITCH WITCH WEST	895.66	Repairs & Maintenance of Equipment - OPS
057180	3/29/2023	E&M	E&M ELECTRIC & MACHINERY, INC	13,785.00	*Annual Wonerware/SCADA Software Upgrades & Support - OPS
057181	3/29/2023	EAGLE W	EAGLE WELDING SERVICES INC.	17,578.34	Welding Repair - Filter Train D
057182	3/29/2023	FLORIN	FLORIN AUTOMOTIVE REPAIR	1,620.72	(4) Invoices - Repairs & Maintenance - OPS Equipment
057183	3/29/2023	FRONT C	FRONTIER COMMUNICATIONS	276.35	Communications - School St. Well #1 - March 2023
057184	3/29/2023	HOLT	HOLT OF CALIFORNIA	129.25	Repairs & Maintenance of Equipment - OPS

057185	3/29/2023	JAYS	JAY'S TRUCKING SERVICE	4,725.59
057186	3/29/2023	KEVIN Y	KEVIN YOUNG CONCRETE	3,000.00
057187	3/29/2023	LCW	LIEBERT CASSIDY WHITMORE	392.00
057188	3/29/2023	OREILLY	O'REILLY AUTO PARTS	99.10
057189	3/29/2023	PACE	PACE SUPPLY CORP	664.56
057190	3/29/2023	PRE ALL	PREFERRED ALLIANCE, INC	76.00
057191	3/29/2023	RADIAL	RADIAL TIRE OF ELK GROVE	943.29
057192	3/29/2023	REPUBLI	REPUBLIC SERVICES #922	490.54
057193	3/29/2023	ROOCO	ROOCO RENTS	113.40
057194	3/29/2023	SHRED C	SHRED CITY	768.00
057195	3/29/2023	SIERRA	SIERRA OFFICE SUPPLIES	343.09
057196	3/29/2023	SIGN CE	THE SIGN CENTER	87.28
057197	3/29/2023	TEICH A	TEICHERT AGGREGATES	206.86
057198	3/29/2023	TRE&TRA	TRENCH & TRAFFIC SUPPLY	232.74
057199	3/29/2023	ULTRA	ULTRA TRUCK WORKS, INC	145.46
057200	3/29/2023	USBANK	U.S. BANK EQUIPMENT FINANCE	809.42

Total: 747,127.78

(2) Invoices - Materials & Dump Fees - CIP
Contracted Services - Signage & Cones - Egret & Bond Road
Legal - February 2023
(3) Invoices - Tools - OPS
(2) Invoices - Materials - Distribution
Non-Random Tests - HR
(2) Invoices - Repairs & Maintenance - Vehicals - OPS
Trash, Recycle & Organics - ADMIN - April Billing
Materials - Distribution
Contracted Services - Shredding - Storage Facilities
(2) Invoices - Supplies - OPS/ADMIN
10 Year Plague
Materials - CIP
Rental Equipment - CIP
Repairs - Vehical - OPS
Copier - ADMIN - March 2023

BOARD AND EMPLOYEE MONTHLY EXPENSE/REIMBURSEMENTS

As of 03/31/2023

INDIVIDUAL	DESCRIPTION	AMOUNT PAID
Alan Aragon	Boot Reimbursement	\$269.36
Bruce Kamilos	Certification Renewal - T2	\$110.00
Brandon Kent	Reimbursement Certification D3 Test	\$100.00
Michael Montiel	AWWA Annual Membership Dues	\$120.00
Donella Murillo	CSMFO Dues	\$125.00
John Vance	Certification Renewal - T2	\$110.00
Ben Voelz	AWWA Spring Conference Deposit One Day Hotel	\$247.03
Marcell Wilson	Boot Reimbursement	\$280.14
Marcell Wilson	Certification Renewal - T2	\$110.00
		\$1,471.53

Active Account Information
As of 3/31/2023

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Metered												
Residential	12,303	12,292	12,293	12,289	12,300	12,299	12,302	12,298	12,296			
Commercial	361	361	360	361	360	360	360	360	360			
Irrigation	185	187	186	186	186	187	187	188	188			
Fire Service	186	186	187	187	187	187	187	187	187			
Total Accounts	13,035	13,026	13,026	13,023	13,033	13,033	13,036	13,033	13,031	-	-	-

Active Account Information
FY 2021/2022

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Metered												
Residential	12,305	12,318	12,300	12,309	12,299	12,312	12,300	12,293	12,312	12,297	12,293	12,314
Commercial	362	363	362	362	362	363	362	362	362	366	361	361
Irrigation	183	183	183	183	183	183	184	184	185	186	184	185
Fire Service	183	183	183	183	183	184	184	184	185	188	185	186
Total Accounts	13,033	13,047	13,028	13,037	13,027	13,042	13,030	13,023	13,044	13,037	13,023	13,046

**Bond Covenant Status
For Fiscal Year 2022-23
As of 3/31/2023**

Operating Revenues:	
Charges for Services	\$ 11,948,363
Operating Expenses:	
Salaries & Benefits	3,065,364
Seminars, Conventions and Travel	22,638
Office & Operational	1,059,315
Purchased Water	2,370,105
Outside Services	617,374
Equipment Rent, Taxes, and Utilities	413,042
Total Operating Expenses	<u>7,547,838</u>
Net Operating Income	<u>\$ 4,400,524</u>
Annual Interest & Principal Payments \$3,883,204	\$ 2,912,403 (1)
Debt Service Coverage Ratio, YTD Only:	1.51
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 **1.29**

CASH - Detail Schedule of Investments
As of 3/31/2023

<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	0.00
1112-000-20 Water	BNY 743850 FRCD 2016A DEBT SERVICE	Dreyfus Inst Treasury	MM Mutual Fund		Restricted	0.00
					Subtotal	\$ -
1001-000-20 Water	Cash on Hand				Unrestricted	\$ 300.00
HELD BY F&M BANK:						
1011-000-10 FRCD	F&M 08-032009-01 CHECKING ACCOUNT				Unrestricted	Closed Out Account
1011-000-20 Water	F&M 08-032017-01 OPERATING ACCOUNT				Unrestricted	3,569,450.25
1084-000-20 Water	F&M 08-03201702-31 MONEY MARKET			0.25%	Unrestricted	101,015.33
1031-000-20 Water	F&M 08-032912-01 CREDIT CARD ACCOUNT				Unrestricted	615,619.61
1061-000-20 Water	F&M 08-032890-01 PAYROLL ACCOUNT				Unrestricted	202,862.94
1071-000-20 Water	F&M 08-032920-01 DRAFTS ACCOUNT				Unrestricted	222,244.29
					Subtotal	\$ 4,711,192.42
INVESTMENTS						
1080-000-20 Water	Office of the Treasurer - Sacramento California	LAIF	Investment Pool	2.63%	Unrestricted	\$ 5,538,873.53
1081-000-20 Water	CALTrust Medium Term		Investment	1.16%	Unrestricted	\$ 1,354,054.11

<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	1.90%	4.61%	\$ 70,326.09	\$ 70,326.09
11/19/2020	3135GA5H0	Federal Home Loan (FHLB)	07/10/20 - qrtly	11/25/2025	24.30%	0.630%	\$ 1,000,000.00	914,720.00
7/31/2020	3133ELQ56	Federal Home Loan (FHLB)	11/25/20 - qrtly	7/2/2024	25.20%	0.600%	\$ 1,000,000.00	950,630.00
7/29/2021	3133EMT36	Federal Home Loan (FHLB)	04/15/26- qrtly	4/26/2026	24.10%	0.960%	\$ 1,000,000.00	906,870.00
7/31/2020	3136G4YP2	Federal Natl MTG ASSN	07/09/2021 - qrtly	7/9/2025	24.60%	0.780%	\$ 1,000,000.00	927,000.00
							\$ 4,070,326.09	\$ 3,769,546.09
							Total	\$ 15,373,966.15
							Total Restricted	\$ -
							Total Unrestricted	\$ 15,373,966.15

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

<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 3/31/2023

Fiscal Retainer Contracts

	Description	Total Contract	Current Month	Paid to date	2022-2023 FY Budget	Percent of year (75%)
JRG Attorneys, LLP	Task orders	TBD	\$ 2,418	\$ 14,649		
Liebert Cassidy Whitmore	Task orders	TBD	\$ 392	\$ 2,559		
Total			\$ 2,810	\$ 17,208	\$ 145,000	11.87%
Solutions by BG, Inc.	Task orders	792,676	\$ 18,245	\$ 193,159	\$ 255,840	75.50%

Major Contracts

Consultant	Description	Total Contract		Paid to date	2022-2023 FY Budget	Percent of Contract Amount
*Earl Consulting	PSA	\$ 78,000	\$ -	\$ 75,447		96.73%
**MFDB Architects	PSA	\$ 205,270	\$ -	\$ 202,039		98.43%
A.P. Thomas (Construction)	PSA	\$ 2,554,565	\$ -	\$ 2,461,128		96.34%
		\$ 2,837,835		\$ 2,738,614		96.50%

*Change Order to Amend Contract for an additional \$10,000, Issued on 11/14/2021. Change order issued for \$28,000 on 2/25/22. Original Contract amount was \$40,000.

**Change Order to Amend Contract for an additional \$12,770.00. Original Contract amount was \$192,500.

**Major Capital Improvement Project
Budget vs Actuals
As of 3/31/2023**

Capital Project	Total Project Budget	Total Project Exp to Date	Percent Spent	Capitalized Labor	Fund Type	Project Type	Mar			YTD % Spent	% of Project Complete
							2022-23 Budget	Project Exp	Total YTD (1)		
Locust/Summit Alley Water Main	635,000	25,191	3.97%	\$ 16,986	R&R	Supply/Distribution	\$ 635,000	\$ 2,427	\$ 25,191	3.97%	5%
2nd Ave Water Main	188,000	223,530	118.90%	100,513	R&R	Supply/Distribution	188,000	-	212,586	113.08%	100%
Truman St/Adams St Water Main	129,000	99,941	77.47%	54,277	R&R	Supply/Distribution	129,000	-	99,941	77.47%	85%
Elk Grove Blvd/Grove Street Alley Water Main	376,000	177,223	47.13%	57,015	R&R	Supply/Distribution	376,000	45,200	177,223	47.13%	65%
Chlortech System Replacements	150,000	70,011	46.67%	-	R&R	Treatment	150,000	-	70,011	46.67%	25%
Media Replacement - RRWTP Filter Vessel	90,000	83,890	93.21%	2,797	R&R	Treatment	90,000	1,688	83,890	93.21%	85%
Backup IT Server Replacements	30,000	26,575	88.58%	-	R&R	Building and Site	30,000	-	26,575	88.58%	100%
9829 Waterman Rd	3,238,028	3,039,932	93.88%	-	CIP	Building and Site	1,281,316	20,413	1,083,219	84.54%	100%
Brinkman Transmission Main	50,000	-	0.00%	-	CIP	Supply/Distribution	50,000	-	-	0.00%	0%
Service Line Replacements (Paving)	85,000	83,932	98.74%	-	CIP	Supply/Distribution	85,000	-	83,932	98.74%	100%
Truck Replacement	65,337	-	0.00%	-	CIP	Building and Site	65,337	-	-	0.00%	0%
Unforeseen Capital Projects	100,000	34,029	34.03%	-	-	-	100,000	17,578	34,029	34.03%	(2)
Sub-Total	\$ 5,136,365	\$ 3,864,254	75.23%	\$ 231,589			\$ 3,179,653	\$ 87,306	\$ 1,896,597	59.65%	

(1) Includes \$231,589 in capitalized labor through 03/31/2023

(2) Includes unforeseen capital projects, including:

Radio Antenna Well 4D	\$ 435
Radio Antenna Well 4D	170
Aqua Sierra - VFD	3,550
County Permit - Well 8	182
Aqua Sierra - VFD	10,000
Pace Supply - Sara Street	2,114
Eagle Welding	17,578
Total	\$ 34,029

April 18, 2023

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Bruce Kamilos, General Manager

SUBJECT: **GENERAL COUNSEL SERVICES**

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

The District's current General Counsel Services agreement will expire on June 30, 2023, which means the District will need to retain replacement General Counsel services beginning on July 1, 2023. Following direction from the Florin Resource Conservation District Board of Directors (Board), staff has invited Andrew Ramos of Bartkiewicz, Kronick & Shanahan (BKS) to provide a brief presentation about the services BKS provides and share his professional qualifications with the Board.

DISCUSSION

Background

The District's General Counsel Services agreement with JRG Attorneys at Law expires on April 21, 2023. At the March board meeting, the Board directed staff to extend JRG Attorneys' agreement through June 30, 2023, to close out the fiscal year. Staff also discussed with the Board the approach the District should take to retain replacement General Counsel services. The District's Legal Services Policy (Attachment 1) prescribes that "the Board shall have the sole authority to retain General Counsel." In alignment with District policy, staff suggested the Board consider negotiating directly with a qualified, local attorney firm for General Counsel services. The Board agreed and gave staff direction to proceed with this approach.

Present Situation

BKS is a Sacramento law firm founded in 1989 that represents local agencies on matters concerning governmental and water issues. BKS represents a host of local agencies such as the Sacramento Suburban Water District, Regional Water Authority, Amador Water Agency, City of Roseville, City of Folsom, and others. Andrew Ramos is a firm

GENERAL COUNSEL SERVICES

Page 2

shareholder with BKS who focuses his practice on advising and representing public agencies and water suppliers. Mr. Ramos serves as General Counsel for the Regional Water Authority. Mr. Ramos will give a brief presentation about the services BKS provides and share his professional qualifications with the Board (Attachment 2).

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

Retaining qualified General Counsel services to assist the District with governance and water-related issues conforms with Strategic Goal 1, Governance and Customer Engagement, of the Strategic Plan.

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,



BRUCE KAMILOS
GENERAL MANAGER

Attachments

Policy Type: Florin Resource Conservation District Board of Directors
Policy Title: Legal Services Policy
Date Adopted: April 21, 2020
Resolution No: 04.21.20.03
Date Amended:

I. PURPOSE

The purpose of this policy is to establish the Florin Resource Conservation District (District) Board of Directors (Board) authority in retaining the District's General Counsel and other legal counsel. This policy also establishes District officers' authority and procedural requirements for retaining outside legal counsel.

II. POLICY

This policy includes, but is not limited to, services provided by the General Counsel and other outside legal counsel such as litigation, investigations, transactions in real estate and finance, contract negotiations, and water-related matters.

III. PROCUREMENT

A. The Board shall have the sole authority to retain General Counsel. The General Manager and appropriate staff shall be involved with the Board on all aspects relating to such appointment, as directed by the Board.

1. The General Counsel shall have such powers and duties as delineated in the District Bylaws and as directed by the Board.
2. Staff shall work directly with the General Counsel in completing his or her assigned responsibilities and tasks.

B. General procedures and rules for procuring outside legal counsel are as follows:

1. Procurement of outside legal counsel anticipated to cost \$50,000 or less, shall be approved by the General Manager.
2. Procurement of outside legal counsel anticipated to cost more than \$50,000 shall be authorized by the Board.

BARTKIEWICZ, KRONICK & SHANAHAN

ANDREW J. RAMOS
ajr@bkslawfirm.com
916.244.3233 (direct)

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April 11, 2023

Board of Directors
Florin Resource Conservation District
c/o Bruce Kamilos, General Manager
9829 Waterman Road
Elk Grove, CA 95624

Re: Legal Services for Florin Resource Conservation District

Dear Directors:

I am pleased to be meeting with you on April 18, 2023 to discuss BKS's proposal to provide general counsel legal services to Florin Resource Conservation District.

I currently serve as general counsel or assistant general counsel to several special districts and joint powers authorities with a focus on water providers. In the Sacramento region, these clients include the Regional Water Authority, Rancho Murieta Community Services District, Yolo County Flood Control & Water Conservation District, and several local park and recreation districts.

The firm proposes that I would serve as general counsel to the District. I would be available to attend District Board of Director meetings and assist you and District staff as needed. My firm partner, Joshua Horowitz, would assist the District when I am unavailable for scheduled absences. Joshua has more than 25 years' experience providing legal services to public agencies. Other firm attorneys would also be available to the District, including our attorneys who focus their practice on water and natural resources matters.

All attorneys at BKS have extensive experience advising California public agencies. We offer:

- Shared expertise as attorneys for over 30 special district and public agency clients, most of whom are water providers;

Board of Directors


April 11, 2023

Page 2

- Legal services for most District needs, including special district, environmental, contracting, employment, real estate, and construction law;
- Assistance in selecting and supervising outside counsel when specialized counsel is appropriate, such as specialized labor, litigation, and public pension issues; and,
- Value through efficient billing, potential to share expenses with other firm clients on shared matters, use of technology to reduce costs, and discounted hourly rates for public agency clients like the District.

I have enclosed resumes for Joshua Horowitz and me, a firm biography, and proposed legal services rates for 2023. I look forward to meeting with you on April 18 and answering any questions you have.

Sincerely,



Andrew J. Ramos

Enclosures

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ANDREW J. RAMOS

Shareholder and Managing Partner, Bartkiewicz, Kronick & Shanahan, PC
California Bar No. 267313

Andrew has practiced law since 2009 and is BKS's managing partner. Since he joined BKS in 2013, his practice has focused on advising and representing clients in legal matters concerning water, public agency, and special district issues. His background in contracts, real property and construction law has been helpful to clients who manage small and large agencies.

LEGAL EXPERIENCE

2013–Present: Bartkiewicz, Kronick & Shanahan, Sacramento, California.

2011–2013: Watt, Tieder, Hoffar & Fitzgerald LLP, San Francisco, CA. Construction law.

2009–2011: Miller Starr Regalia, Walnut Creek, CA. Real estate law.

EDUCATION

J.D., University of California, Davis School of Law, 2009. Order of the Coif. Member, *UC Davis Law Review*

B.A., University of California, Davis, 2004. Phi Beta Kappa

HONORS

2019 Northern California Rising Star (Super Lawyers)

Top Verdict of 2018 - Jury Verdict in *Steinbeck Vineyards #1, LLC, et al.* (Daily Recorder)

REPRESENTATIVE MATTERS

Special District and Water Supplier Counsel – Andrew serves as general counsel to multiple California special districts, water suppliers, and joint powers authorities. He also serves as special counsel and assistant general counsel to many other firm clients throughout the state, including cities, municipal water suppliers, irrigation districts, groundwater sustainability agencies and private water companies.

Public Works and Special Projects – Andrew helps clients navigate the many requirements for California public works projects, including design and construction management contracting, competitive bidding, prevailing wage issues, construction disputes, and grant funding obligations.

State Water Resources Control Board Proceedings – Andrew represents water suppliers in several pending proceedings before the Board, including water right applications and petitions for changes to existing water rights.

In re Petition for the Adjudication of Rights to the Fresno River – Andrew represents a private landowner in the adjudication of all water rights to the Fresno River in Madera County and related mediated proceedings.

Steinbeck Vineyards #1, LLC. et al. v. San Luis Obispo County, et al., Santa Clara Superior Court Case No. 1-14-CV-265039 (trial court jury verdict) – As trial counsel for a small public water supplier in the Paso Robles groundwater adjudication, Andrew proved-up his client’s acquisition of prescriptive rights to groundwater in a month-long jury trial.

In re Antelope Valley Groundwater Cases, Judicial Council Coordinated Proceeding No. 4408 (trial court judgment) – As trial counsel for a private landowner, Andrew successfully proved up his client’s right to groundwater as part of a 15-year adjudication of the Antelope Valley groundwater basin.

Millview Cty. Water Dist. v. State Water Res. Ctrl. Bd. (2014) 229 Cal. App. 4th 879 – As appellate counsel for a regional water agency, Andrew assisted in court proceedings to adjudicate another water user’s claim to a pre-1914 appropriative water right.

PUBLICATIONS AND PRESENTATIONS

“2023 Legal Update,” Presenter, Vector Control Joint Powers Authority, Annual Workshop (February 2023).

“Virtual Water Agency Board Meetings During COVID-19”, Panelist, Webinars for the Association of California Water Agencies and California Association of Sanitation Agencies (April and May 2020).

“The Fundamentals and Questions of Groundwater Rights: Rights in Augmented Groundwater Recharge,” Association of California Water Agencies, panelist (2017).

“The View from the Foxhole: What is Happening on the Ground Under and in Reaction to SGMA,” Association of California Water Agencies, panelist (2016).

“Appellate Confirmation of State Water Board Administrative Jurisdiction to Prevent Illegal or Unreasonable Water Diversion and Use: Young, Millview and Light,” Environmental Law News, State Bar of California (2015).

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JOSHUA M. HOROWITZ

Shareholder, Bartkiewicz, Kronick & Shanahan, APC
California Bar No. 186866

Mr. Horowitz has been an attorney since 1996. He received his undergraduate degree with honors from Middlebury College, Middlebury, Vermont. He received his law degree from the University of California, Davis King Hall School of Law and was a recipient of the Martin Luther King, Jr. Public Service Award. Mr. Horowitz was Bartkiewicz, Kronick & Shanahan's managing partner from 2015 through 2022.

Mr. Horowitz's practice focuses primarily on advising public agency clients as general legal counsel on a variety of issues, including: water rights and water transfers; Proposition 218 and related public finance, development and user fee matters; SGMA implementation and compliance; conflict of interest, ethics and Brown Act/Public Records Act compliance; real property transactions; public works project development and construction; elections, utility enterprise operations; government claims and insurance coverage; contracting and grant funding; utility service obligations and operations; and local government organization and reorganization.

Mr. Horowitz serves as General Counsel to a number of special districts, including urban water and wastewater agencies and agricultural water suppliers. Mr. Horowitz also serves as an assistant counsel to other public agency clients of the firm. Mr. Horowitz has represented the firm's public agency clients in administrative and civil litigation concerning water rate and elections challenges, tax and rate collection, property disputes, water-right disputes and permitting, and contract validation.

Mr. Horowitz's practice has included the following specific projects:

- Successfully represented a countywide water agency in a State Water Resources Control Board proceeding for the issuance of a new water right permit under a 1927 state filing.
- Advising water and wastewater agency clients on Proposition 218 rate increase proceedings, including working with rate consultants to produce defensible rate studies, preparing rate increase notices, and advising governing bodies and management on rate approvals and responding to challenges to proposed rates.
- Representing a public agency client in litigation challenging a proposed referendum to roll back a new water rate structure, which ultimately resulted in a new legal precedent confirming that a referendum cannot be used to challenge an agency's adoption of new water rates.
- Representing a countywide water agency in administrative proceedings and litigation challenging a proposed initiative to tax water transfer revenues.
- Advising clients on SGMA implementation and compliance, including GSA formation and basin boundary adjustments.
- Participating as co-drafter of the Sites Reservoir joint powers agreement.
- Advising special districts on negotiating and implementing multiple water transfers.

- Advising a client on forming a new California water district.
- Advising a City on its water rights and service obligations related to the proposed annexation of a major new development project.
- Advising various public agencies in the issuance and closing of over \$625 million in debt issuances to finance capital facilities projects.
- Advising a county water district during its consolidation with a neighboring county water district under the Cortese-Knox-Herzberg Local Government Reorganization Act of 2000 and providing continuing general counsel services to the consolidated district.
- Advising an irrigation district on all aspects of providing a water supply to a proposed 3,500-unit residential development including: (1) determining whether to provide retail treated water service to the development; (2) issuing will-serve letters; (3) negotiating a funding agreement; (4) preparing and executing a public outreach strategy; and (5) assisting in the preparation of a SB 610 water supply assessment.
- Advising a community services district on the formation of community facilities districts to finance a wastewater treatment facilities expansion and negotiating annexation, mainline extension and reimbursement and bond refunding agreements with the developers to ensure that they pay the full, fair share of the district's costs of facilities to serve their developments.
- Negotiating on behalf of a countywide water agency, which was Pacific Gas & Electric's largest contact hydroelectric generator, for PG&E's assumption of the generation contract in its 2001 bankruptcy proceedings.

Mr. Horowitz also has been active in professional and legislative matters, including:

- Co-author of the revised *Guidelines for Conduct and AB 1234 Compliance – A Primer for Public Agency Officials* published by the Association of California Water Agencies.
- Co-designing ACWA's AB 1234 ethics training program and conducting ethics training seminars for ACWA in the northern California area.
- Reviewing and editing the League of California Cities' *Open and Public IV: A User's Guide to the Ralph M. Brown Act*.
- Assisting in drafting and updating the ACWA handbook on Proposition 218 compliance issues.
- Presenting on SGMA, drought, public agency governance, and district consolidation issues.

Before joining BKS in 2000, Mr. Horowitz practiced at Bardellini, Straw & Cavin in San Ramon, California, specializing in real property litigation and transactions and business counseling. In 1997, Mr. Horowitz served as law clerk to the Honorable Elaine M. Watters of the Sonoma County Superior Court. During law school, Mr. Horowitz interned in the Chief Counsel's Office of the California Department of Water Resources, assisting staff counsel on various issues including water rights, supply and quality, endangered species, and dam operations. Before practicing law, Mr. Horowitz worked for over eleven years in agribusiness management at a major multi-national exporting company.

Mr. Horowitz is a member of the State and Sacramento County Bar Associations and is admitted to practice in all state courts and the United States Court of Appeals for the Ninth Circuit and the United States District Courts for the Eastern and Northern Districts of California.

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Firm Profile

Bartkiewicz, Kronick & Shanahan is a capable and accomplished law firm representing public sector clients in local government. The attorneys of Bartkiewicz, Kronick & Shanahan concentrate in the areas of public and municipal law, water law, natural resources and environmental law, and related civil and administrative litigation and appellate practice. The firm is located in Sacramento, with a regional practice covering areas throughout California.

In California today, the numerous laws, regulations and cases applicable to local government are substantial and complex. Only attorneys who concentrate in this area can expect to stay current on the many legislative, regulatory and case law developments affecting local government and water and natural resource issues. By focusing our practice, we are able to keep abreast of current developments, and provide highly knowledgeable, competent, and experienced representation to our clients. Furthermore, with our practice located in Sacramento, we have ready access to the state and federal agencies which regulate or otherwise affect local government and resource issues, including the Legislature, State Water Resources Control Board, Department of Fish and Wildlife, Department of Water Resources and U.S. Bureau of Reclamation.

Bartkiewicz, Kronick & Shanahan serves as general and special counsel to over thirty cities, counties, water districts, water agencies, sewer districts, public utility districts, community services districts, recreation and park districts, joint powers authorities, and other special districts.

The firm was established in 1989 when Paul Bartkiewicz, Steve Kronick, and Dick Shanahan joined as partners to start a law practice specializing in local government, water law and natural resource issues. Our attorneys have expertise and experience in many areas of public and natural resource law, including:

- Water rights law, including water supply and service contracts, acquisition and preservation of water rights, water right opinions, water right adjudications, the Sustainable Groundwater Management Act, and water transfers.
- Water quality law, including permitting of wastewater treatment facilities under Clean Water Act and Porter-Cologne Water-Quality Control Act.
- Public works projects, including all legal aspects of the planning, design, construction documents, construction management, operation and

maintenance of all types of public works projects such as hydroelectric projects, water diversion, storage, delivery and treatment projects, sewage collection, treatment and disposal projects, street improvement projects and administrative facilities.

- Employment law, including employee discipline and termination and reviewing and drafting of personnel manuals.
- Land use, planning, zoning, subdivisions and development issues.
- Land and rights-of-way acquisition and eminent domain.
- Environmental law, including procedural and substantive requirements under the California Environmental Quality Act.
- Public finance, including financings, rates and charges, developer fees, assessments, general and special taxes and investment of public funds.
- Joint powers authorities and JPA law.
- Drafting ordinances, code books and resolutions.
- Ralph M. Brown Act (open meeting law) and Public Records Act issues.
- Conflict of interest matters, including advise on specific conflict issues, conflict of interest code requirements and Fair Political Practices Commission matters.
- Tort Claims Act issues, including entity and officer liability.
- Local government reorganization, including entity formation and annexations.
- Civil litigation, appellate practice, and administrative proceedings related to these areas.

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Representative BKS Public Agency Clients

- Amador Water Agency
- Biggs-West Gridley Water District
- Browns Valley Irrigation District
- Buena Vista Water Storage District
- City of Camarillo
- Coastside County Water District
- Contra Costa Water District
- Contra Costa County Mosquito and Vector Control District
- Dublin San Ramon Services District
- El Dorado Irrigation District
- City of Folsom
- City of Grass Valley
- Hidden Valley Lake Community Services District
- Horsefly Irrigation District
- James Irrigation District
- Kirkwood Meadows Public Utility District
- Kirkwood Water District
- Langell Valley Irrigation District
- Linda County Water District
- Lockeford Community Services District
- McCloud Community Services District
- City of Merced
- City of Modesto
- County of Napa
- Oakwood Lake Water District
- City of Ojai
- City of Orange Cove
- Orland-Artois Water District
- Pajaro Valley Water Management Agency
- Rancho Murieta Community Services District

- City of Roseville
- Regional Water Authority
- Sacramento Suburban Water District
- Sacramento-Yolo Mosquito and Vector Control District
- City of Santa Barbara
- City of Santa Cruz
- County of Sonoma
- Sonoma County Water Agency
- Stanislaus Regional Water Authority
- Tahoe-Truckee Sanitation Agency
- City of Tracy
- University of California
- Vector Control Joint Powers Authority
- City of Wheatland
- Woodland-Davis Clean Water Agency
- Wyandotte Creek Groundwater Sustainability Agency
- Yolo County Flood Control and Water Conservation District
- Yuba County Water Agency

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**BKS Proposed 2023 Hourly Rates for Legal Services to
Florin Resource Conservation District**

Principal 1:	\$365 (includes Horowitz)
Principal 2:	\$325 (includes Ramos)
Associate 1:	\$275
Associate 2:	\$235
Paralegal:	\$130

April 18, 2023

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Bruce Kamilos, General Manager
SUBJECT: **EDUCATIONAL WORKSHOP - ADVANCED METERING INFRASTRUCTURE**

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

Staff has been presenting a series of short workshops to the Florin Resource Conservation District/Elk Grove Water District (District) Board of Directors (Board) on important water-related issues. This month's topic is Advanced Metering Infrastructure.

DISCUSSION

Background

At the January 18, 2022 board meeting, the Board agreed that it would be a good idea to have staff present a series of short workshops to educate the Board on important water-related issues.

Present Situation

This month's workshop is on the topic of Advanced Metering Infrastructure.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to Strategic Goal 7, Water Industry Leadership, of the District's 2020-2025 Strategic Plan. Understanding the important issues that face the water industry in our region and the state allows the Board to make informed decisions around issues.

April 18, 2023

EDUCATIONAL WORKSHOP - ADVANCED METERING INFRASTRUCTURE

Page 2

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "B. M. Kamilos".

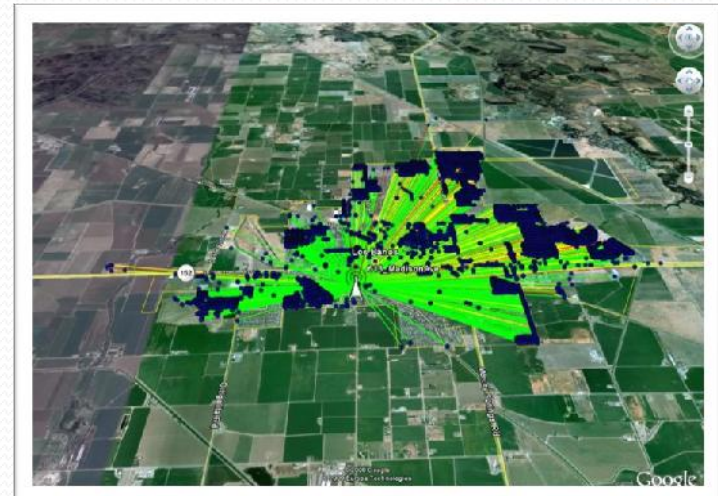
BRUCE KAMILOS
GENERAL MANAGER

Advanced Metering Infrastructure (AMI)

April 18, 2023

Meter Reading Technology:

TouchRead >> Walk by/Drive by RadioRead (AMR) >>
Fixed Base (AMI)



EGWD Metering System

- Sensus Meters
 - SR-II introduced 1984, (1" size meters, 6,830 meters installed)
 - iPERL (1" size meters, 6,070 meters installed)
 - OMNI (1.5" size meters and larger, 33 meters installed)
 - TouchRead since 1992 at EGWD:
 - Can retrofit all meters to AMI
 - Sensus FlexNet system
 - AMI Backbone System

How is AMI Different than TouchRead?

- Water Conservation Solution
 - AMI is a proactive metering solution.
 - TouchRead is labor intensive and always in arrears.
 - Proactive customer notifications: Leaks and high usage
- FlexNet is field proven
 - Sac Suburban Water District deployed in 2020 and the system has been problem-free.

FlexNet Network

2 Watt Transmitters



Antenna Tower

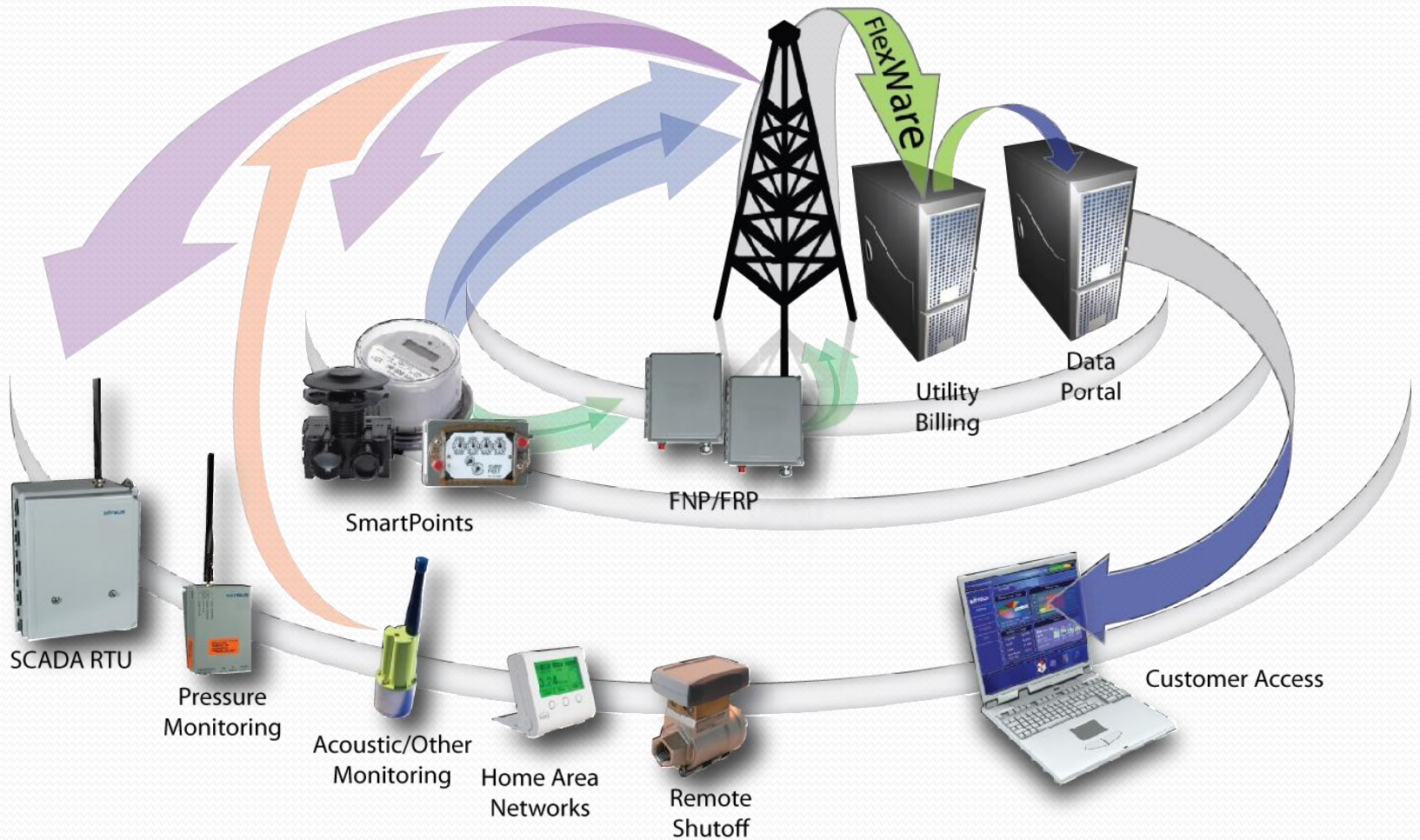


Data Link

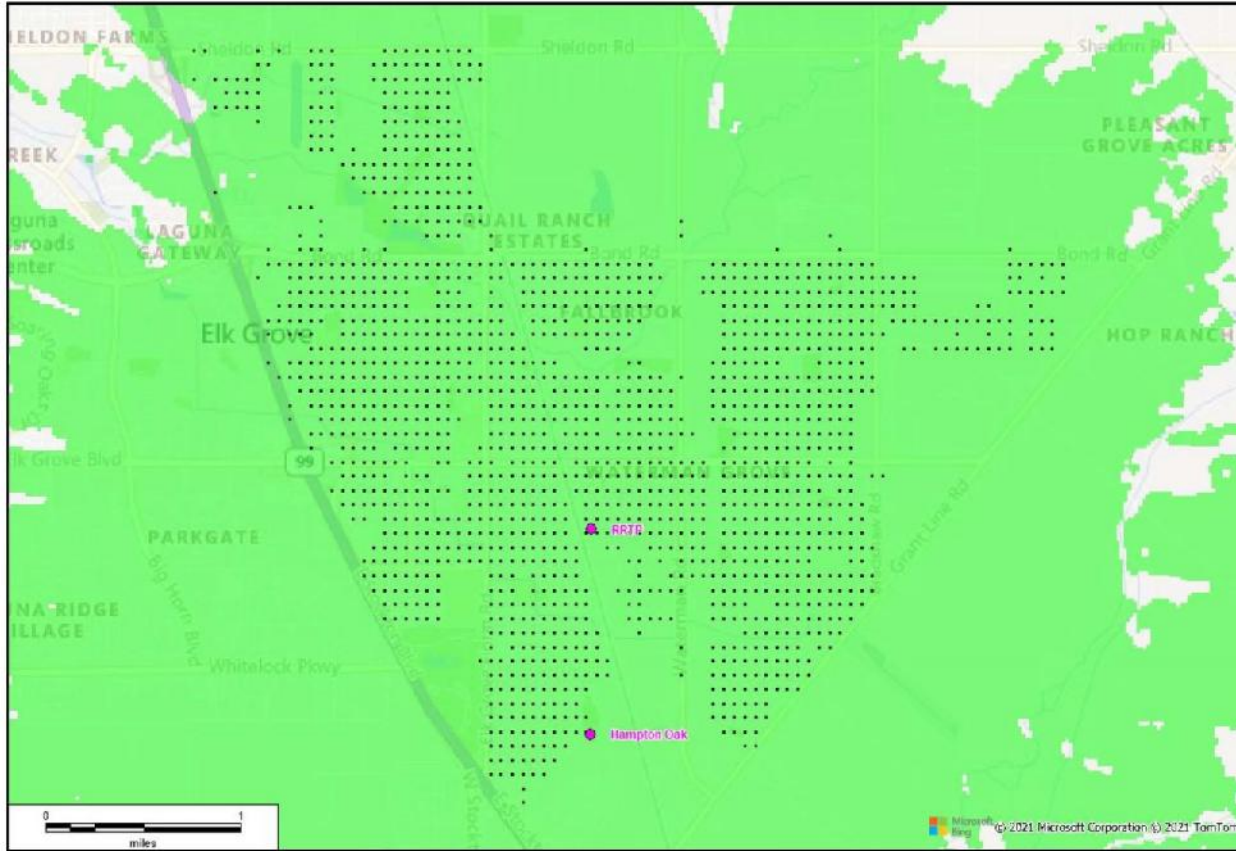


Regional Network Interface

SmartGrid



Simplicity in transmission:



FlexNet Design Propagation Analysis

**11810 - ELK GROVE WATER
WORKS INC**
Elk Grove, CA

RF Engineer: Eric Campbell
Date: 8/25/2021

Proposed Site Details

Total Site Locations: 2
Total Base station Counts: 2
M400B2 = 2

Design Factors

Flex Net Version: V1
Endpoint Type: Water
Smart point Location: Pit Set AL

	Count	%
Total Endpoints Covered	12,891	100.00%
Total Endpoints Analyzed	12,891	

LEGEND

- Area of Coverage
- Site Location
- Endpoint Location



This propagation study is based on actual information provided by the utility pertaining to meter type, Smart point Location, potential antennae height on structure, structure height, and structure location. Any changes, deletions and/or additions that are not provided to the design engineers during the creation of this design may result in a study that does not correlate to actual field conditions.

Simplicity in Installation and Repair:

1) Upgrade existing meter with electronic register



2) "Snap" the electronic sensor into the FlexNet Transceiver



3) Use field tool to configure FlexNet Transceiver to tower



4) Install transceiver in meter box lid.



5) Unit is now on line and transmitting readings to tower.



Designed for pit and water reading. Even under water!



Robust Reporting Capabilities:



Hourly Reading Data:

Sensus Metering Systems
Meter Data Manager (MDM) Version 2.51 © Copyright 2008, Sensus Metering Systems-North America Inc.
Click here for support: Sensus support

Meter ID 60732514 Endpoint ID 11516728 Chart Viewer

Service Address 7640 El Roble Account ID 8

Chart Table View CLOSE

Interval:
 6 months 3 months 1 month Week Day

Selected Date Range:
05-01-2010 to 05-31-2010

Reference/Ending Date: 05-31-2010 Use Date VIEW CHART

Options: <none>

< First < Previous Next > Last > Records 21 - 40 of 139

Date & Time	Type	Reading	Consumption
05-07-2010 06:34:30am	Reading	0079008	10
05-07-2010 07:34:30am	Reading	0079028	20
05-07-2010 08:34:30am	Reading	0079028	0
05-07-2010 11:34:30am	Reading	0079034	6
05-07-2010 12:34:30pm	Reading	0079034	0
05-07-2010 01:34:30pm	Reading	0079037	3
05-07-2010 02:34:30pm	Reading	0079037	0
05-07-2010 03:34:30pm	Reading	0079047	10
05-07-2010 04:34:30pm	Reading	0079047	0
05-07-2010 05:34:45pm	Reading	0079062	15
05-07-2010 06:34:45pm	Reading	0079732	670
05-07-2010 07:34:45pm	Reading	0079752	20
05-07-2010 08:34:45pm	Reading	0079752	0

Customer Education and Customer Water Pattern Usage Awareness

Interval: 6 months 3 months 1 month Week Day

Selected Date Range: **05-01-2010 to 05-31-2010**

Reference/Ending Date: Use Date [VIEW CHART](#)

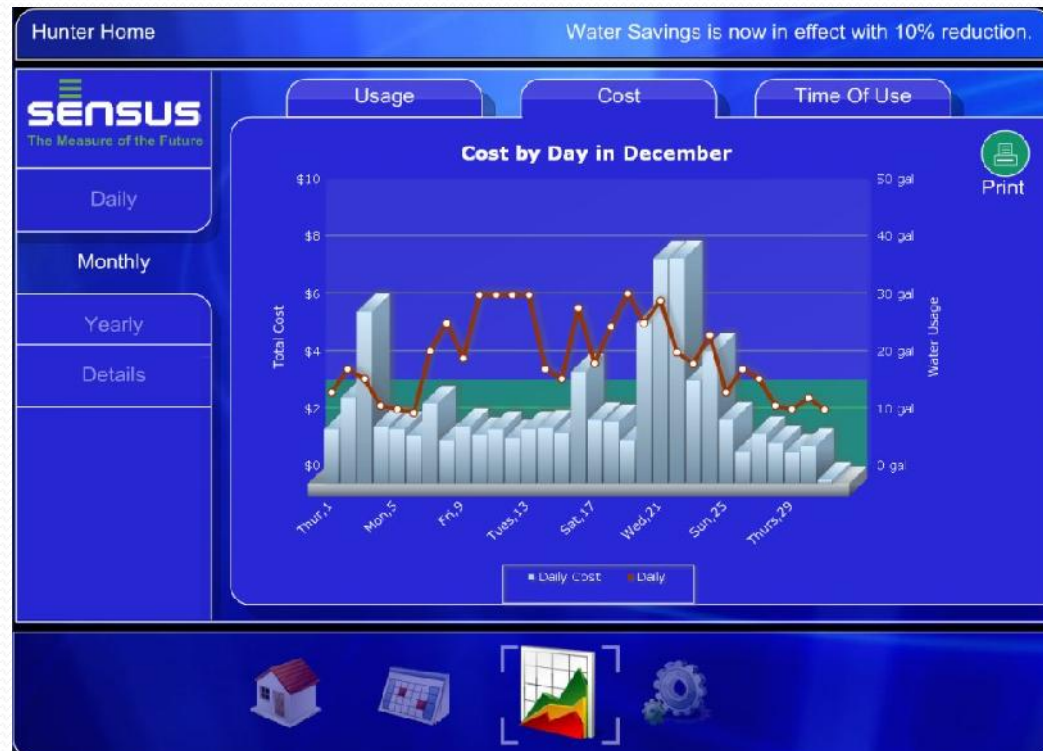
Options: <none> < First < Previous Next > Last > Records 61 - 80 of 139

Date & Time	Type	Reading	Consumption
05-09-2010 01:34:30am	Reading	0080586	6
05-09-2010 02:34:30am	Reading	0080586	0
05-09-2010 03:34:30am	Reading	0080586	0
05-09-2010 04:34:30am	Reading	0080586	0
05-09-2010 05:34:30am	Reading	0080588	2
05-09-2010 06:34:30am	Reading	0080618	30
05-09-2010 07:34:30am	Reading	0080628	10
05-09-2010 08:34:30am	Reading	0080918	290
05-09-2010 09:34:45am	Reading	0081410	492
05-09-2010 10:34:45am	Reading	0081620	210
05-09-2010 11:34:45am	Reading	0081620	0
05-09-2010 12:34:45pm	Reading	0081620	0
05-09-2010 01:34:45pm	Reading	0081640	20
05-09-2010 02:34:30pm	Reading	0081646	6
05-09-2010 03:34:30pm	Reading	0081656	10
05-09-2010 04:34:30pm	Reading	0081676	20
05-09-2010 05:34:30pm	Reading	0082256	580
05-09-2010 06:34:30pm	Reading	0082273	17
05-09-2010 07:34:30pm	Reading	0082283	10
05-09-2010 08:34:30pm	Reading	0082293	10



FlexServer Software: Optional Customer-Facing Web Portal

- <http://proto.my4home.net/energy/>



System Redundancy:

System Redundancy and Resiliency

Best of Breed Endpoint



7 Days Storage
2 Channels
3 Transmit Modes

History Reads
In Every Transmit

Highly Reliable TGB



30 Days Storage
If Backhaul Lost

8 Hour Back-up
If Power Lost

Redundant
Backhaul

Redundant RNI



13 Months
Hourly Data
Storage

How can FlexNet do all this?

- *Let's watch a 4-minute video.*
 - <https://www.youtube.com/watch?v=r4vjF4cLkVs>

April 18, 2023

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Patrick Lee, Finance Manager/Treasurer

SUBJECT: **ELK GROVE WATER DISTRICT FISCAL YEAR 2022-23 QUARTERLY OPERATING BUDGET STATUS REPORT**

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

Staff is presenting the quarterly budget status report through the third quarter of fiscal year 2022-23. This report is to keep the Florin Resource Conservation District (District) Board of Directors (Board) and the public informed on the financial status of the Elk Grove Water District (EGWD).

DISCUSSION

Background

On June 21, 2022, the Board approved the District's Fiscal Year (FY) 2022-23 Operating Budget and the District's FY 2023-27 Capital Improvement Program (CIP) that included an appropriation of \$16.433 million in expenses, including \$1.683 million in unrestricted funds to the FY 2022-23 CIP.

At the August 16, 2022 regular Board meeting, the Board amended the FY 2022-23 District Operating Budget and the District FY 2023-2027 CIP by increasing the appropriation to capital reserves by \$1.431 million, resulting in total expenditures of \$17.865 million, including appropriations of \$3.114 million to the FY 2022-23 CIP.

At the November 15, 2022 regular Board meeting, the Board amended the FY 2022-23 District Operating Budget and the District FY 2023-2027 CIP by increasing the appropriation to capital reserves by \$65,337, resulting in total expenditures of \$17.888 million, including appropriations of \$3.180 million to the FY 2022-23 CIP.

ELK GROVE WATER DISTRICT FISCAL YEAR 2022-23 QUARTERLY OPERATING BUDGET STATUS REPORT

Page 2

Present Situation

A summary of the EGWD's financial status as of March 31, 2023 (Attachment 1) is provided with this report and a detailed analysis of the changes in each revenue and expenditure category is as follows:

Revenues collected through the third quarter of the fiscal year total \$11,948,363 which is 75.27% of the \$15,873,385 annual budget. The revenues are \$80,587 or 0.67% below the same quarter of the prior year due to an overall slight reduction in consumption for the months of July, August, and September 2022 as a result of conservation efforts.

Total Operational Expenses were \$7,547,839 through the third quarter, which is 69.48% of the annual budget of \$10,863,138. The actual operating expenses were \$553,355 or 7.91% above the same quarter of the prior fiscal year as follows:

Personnel expenditures through the third quarter total \$3,065,364 which is 69.85% of the \$4,388,458 annual budget. The actual expenses were \$284,052 or 10.21% above the same period of the prior fiscal year. The increase is due mainly to COLA, promotions, and new hires offset by the increase in capitalized labor through the third quarter.

Seminars, Conventions and Travel expenditures total \$22,638, which is 56.04% of the annual budget of \$40,393. The actual expenses were \$15,492 or 216.80% above the same period of the prior fiscal year due mainly to the resumption of in-person conferences and seminars and travel to these conferences.

Office and Operational expenditures total \$1,059,315, which is 75.54% of the annual budget of \$1,402,320. The actual expenses were \$178,438 or 20.26% above the same period of the prior fiscal year due mainly to an increase in insurance premiums, the buildup of brass material inventory due to supply chain issues and equipment maintenance, offset by the decrease in software program and updates due to the purchase of software for water modeling in FY 2022.

Estimated Purchased Water costs total \$2,370,105, which is 68.59% of the annual budget of \$3,455,261. The actual expenses were \$8,936 or 0.38% below the same period of the prior fiscal year. The decrease is due mainly to an overall decrease in water consumption as part of conservation efforts.

Outside Services expenditures total \$617,374, which is 57.32% of the annual budget of \$1,077,032. The actual expenses were \$62,502 or 11.26% above the same period of the prior fiscal year. The increase is due mainly to an increase in banking fees related to an increase in customers paying their bills via credit card, an increase in contracted services

**ELK GROVE WATER DISTRICT FISCAL YEAR 2022-23 QUARTERLY OPERATING
BUDGET STATUS REPORT**

Page 3

costs related to the District's Water Rate Study, a system refresh of the Asset Management Program, a Compensation Study and an increase in security costs related to monitoring at the new District administration building and the Railroad Water Treatment Plant.

Equipment Rent, Taxes and Utilities expenditures total \$413,042, which is 82.66% of the annual budget of \$499,674. The actual expenses were \$21,805 or 5.57% above the same period of the prior fiscal year. The increase is due mainly to an increase in electricity cost, offset by a decrease in occupancy costs since the District is no longer leasing the 9257 Elk Grove Blvd. property.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

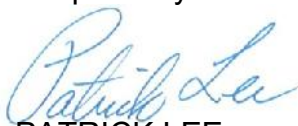
STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD's 2020-2025 Strategic Plan. Development and adoption of annual budgets that are balanced through cost-saving measures or transfers from operating reserves is specifically identified as an objective in the Fiscal Responsibility section of the Strategic Plan.

FINANCIAL SUMMARY

This report is provided to the Board for information only. There is no financial impact associated with this item at this time. Staff has provided a copy of the March 31, 2023 Quarterly Budget Review (Attachment 2) for the third quarter. The Quarterly Budget Review includes the line-item detail for the expenditure categories for the quarter-to-date in FY 2022-23, as well as the detail for last year's quarter-to-date.

Respectfully submitted,



PATRICK LEE
FINANCE MANAGER/TREASURER

Attachments

Attachment 1

Elk Grove Water District
Year to Date Revenues and Expenses Compared to Budget
As of March 31 2023

	General Ledger Reference	YTD Activity	Annual Budget	9/12=75.00% % Realized
Revenues	4100 - 4900	\$ 11,948,363	\$ 15,873,385	75.27%
Operating Expenses				
Salaries & Benefits	5100 - 5280	3,298,950	4,847,546	68.05%
less Capitalized Labor		(231,589)	(459,089)	50.45%
Less CalPERS Prepayment for Remainder of Year: (1)		(1,997)		
Adjusted Salaries and Benefits:		\$ 3,065,364	\$ 4,388,457	69.85%
Seminars, Conventions and Travel	5300 - 5350	22,638	40,393	56.04%
Office & Operational	5410 - 5494	1,059,315	1,402,320	75.54%
Purchased Water est. (1)	5495 - 5495	2,370,105	3,455,261	68.59%
Outside Services	5505 - 5580	617,374	1,077,032	57.32%
Equipment Rent, Taxes, Utilities	5620 - 5760	413,042	499,674	82.66%
Total Operational Expenses		\$ 7,547,838	\$ 10,863,137	69.48%
Net Operating Income		\$ 4,400,524	\$ 5,010,248	87.83%
Non-Operating Revenues				
Interest Received	9910 - 9910	57,990	25,000	231.96%
Unrealized Gains/(Losses)	9911 - 9911	70,703	-	100.00%
Other Income/(Expense)	9920 - 9973	103,073	263,105	39.18%
Total Non-Operating Revenues		\$ 231,767	\$ 288,105	80.45%
Non-Operating Expenses				
Election Costs	9950 - 9950	1,887	250,000	0.75%
Capital Expenses (2):				
Capital Improvements	1705 - 1760	1,167,151	1,481,653	78.77%
Capital Replacements	1705 - 1760	695,417	1,598,000	43.52%
Unforeseen Capital Projects	1705 - 1760	34,029	100,000	34.03%
Total Capital Expenses:		\$ 1,896,597	\$ 3,179,653	59.65%
Bond Interest Accrued (3)	7300 - 7300	992,403	1,323,204	75.00%
Total Non Operating Expenses		\$ 2,890,887	\$ 4,752,857	60.82%
Bond Retirement (3):		\$ 1,920,000	\$ 2,560,000	75.00%
Total Expenditures		12,126,958	17,887,889	67.79%
Revenues in Excess of All Expenditures, including Capital		\$ (178,596)	\$ (2,014,504)	8.87%

Notes:

1. There is a lag in water billings from the Sacramento County Water Agency. Included above is an estimate of costs to date based on water used.
2. YTD Activity includes \$231,589 in capitalized labor charged to capital projects.
3. Bond retirement payments are made two times a year in September and March
4. Accounts receivable balance, which represents the difference between the total amount billed and total amount collected, as of March 31, 2023 is \$105,495.28

Attachment 2

**ELK GROVE WATER DISTRICT
QUARTERLY BUDGET REVIEW
THROUGH MARCH 31, 2023
FISCAL YEAR 2022-23**

Account Description	FY 2022-23 Budget	Y-T-D 3/31/2023	50.00% Percentage	Y-T-D 3/31/2022	Change from prior year
4100 Water Payment Revenues - Residential	\$ 13,427,749	10,213,741	76.06%	\$ 10,411,475	(197,733)
4110 Water Payment Revenues - Commercial	1,912,041	1,318,232	68.94%	1,339,128	(20,896)
4120 Water Payment Revenues - Fire Service	205,595	158,915	77.29%	153,193	5,722
4200 Meter Fees/Plan Check/Water Capacity	126,000	86,565	68.70%	77,018	9,547
4201 Backflow Installation	10,000	15,055	150.55%	16,026	(971)
4202 Backflow Testing Fee	-	12,415	100.00%	-	12,415
4204 Failed Backflow Notification Fee	-	50	100.00%	-	50
4300 Fire Protection	-	312	100.00%	1,248	(936)
4520 Door Hanger Fees	115,000	83,125	72.28%	13,200	69,925
4530 Meter Testing Fee	-	-	0.00%	47	(47)
4540 New account Fees	25,000	12,360	49.44%	20,700	(8,340)
4550 NSF Fees	3,000	1,960	65.33%	1,155	805
4560 Fees & Penalties	-	12,864	0.00%	713	12,151
4570 Shut-off Fees	50,000	51,300	102.60%	10,100	41,200
4575 24 Hour Turn On	-	100	0.00%	-	100
4580 Restoration Fees	-	-	0.00%	225	(225)
4585 Administration Citations	-	440	100.00%	1,115	(675)
4590 Credit Card Fees	-	-	0.00%	-	-
4591 Sac County Release of Lien Fee	-	(540)	-100.00%	(900)	360
4700 Rental Income	-	-	0.00%	16,668	(16,668)
4800 Other Income	-	793	100.00%	-	793

**ELK GROVE WATER DISTRICT
QUARTERLY BUDGET REVIEW
THROUGH MARCH 31, 2023
FISCAL YEAR 2022-23**

4900 Customer Refunds	(1,000)	(19,324)	1932.40%	(32,160)	12,836
TOTAL GROSS REVENUES	\$ 15,873,385	\$ 11,948,363	75.27%	\$ 12,028,950	\$ (80,587)

Account	Description	FY 2022-23 Budget	Y-T-D 3/31/2023	50.00% Percentage	Y-T-D 3/31/2022	Change from prior year
	Salaries & Benefits					
5100	Executive Salary	207,527	153,179	73.81%	124,354	28,825
5110	Exempt Salaries	634,842	454,162	71.54%	376,913	77,249
5120	Non-Exempt Salaries	1,957,845	1,331,097	67.99%	1,154,194	176,903
5130	Overtime Compensation	45,000	22,832	50.74%	25,319	(2,486)
5140	On Call Pay	31,025	22,440	72.33%	22,525	(85)
5150	Holiday Pay	137,977	110,524	80.10%	102,375	8,149
5160	Vacation Pay	161,804	139,146	86.00%	135,628	3,518
5170	Personal Time Pay	118,715	89,915	75.74%	93,577	(3,662)
5200	Medical Benefits	781,483	546,429	69.92%	541,590	4,839
5195	EAP	874	726	83.07%	674	52
5201	EGWD Contribution H.S.A	23,700	23,500	99.16%	21,100	2,400
5210	Dental/Vision/Life Insurance	60,730	50,978	83.94%	48,668	2,310
5220	Retirement Benefits	287,851	205,559	71.41%	183,618	21,941
5225	Retirement Benefits - Post Employment	186,234	64,623	34.70%	80,049	(15,427)
5230	Medical Tax, Social Security and SUI	67,060	40,718	60.72%	38,825	1,893
5240	Worker's Compensation Insurance	96,600	28,851	29.87%	42,312	(13,461)
5250	Education Assistance	2,500	-	0.00%	-	-
5260	Employee Training	41,700	8,107	19.44%	9,940	(1,833)
5270	Employee Recognition	2,880	6,165	214.06%	1,079	5,086
5280	Meetings	1,200	-	0.00%	-	-
	Less Capitalized Expenditures	(459,089)	(231,589)	50.45%	(221,427)	(10,162)
	Less Remaining CalPERS prepayment	-	(1,997)	N/A	-	(1,997)
	Category Subtotal	4,388,458	3,065,364	69.85%	2,781,312	284,052

Account	Description	FY 2022-23 Budget	Y-T-D 3/31/2023	50.00% Percentage	Y-T-D 3/31/2022	Change from prior year
	Seminars, Conventions and Travel					
5300	Airfare	4,550	2,043	44.89%	-	2,043
5310	Hotels	12,100	5,995	49.54%	-	5,995
5320	Meals	5,638	3,235	57.38%	610	2,625
5330	Auto Rental	1,500	-	0.00%	-	-
5340	Seminars & Conferences	9,125	6,382	69.94%	2,251	4,131
5350	Mileage Reimbursement, Parking, Tolls	1,480	627	42.33%	-	627

**ELK GROVE WATER DISTRICT
 QUARTERLY BUDGET REVIEW
 THROUGH MARCH 31, 2023
 FISCAL YEAR 2022-23**

5375 Auto Allowance	6,000	4,357	72.62%	4,285	72
Category Subtotal	40,393	22,638	56.04%	7,146	15,492

Account	Description	FY 2022-23 Budget	Y-T-D 3/31/2023	50.00% Percentage	Y-T-D 3/31/2022	Change from prior year
	Office & Operational					
5410	Advertising	17,200	7,728	44.93%	6,674	1,054
5415	Association Dues	134,359	126,552	94.19%	123,943	2,609
5420	Insurance	125,700	132,643	105.52%	95,520	37,123
5425	Licenses, Certifications, Fees	3,800	3,411	89.76%	3,512	(101)
5430	Repairs & Maintenance - Automotive	35,500	17,921	50.48%	20,750	(2,829)
5432	Repairs & Maintenance - Building	84,820	51,881	61.17%	40,819	11,062
5434	Repairs & Maintenance - Computers	20,650	22,166	107.34%	10,656	11,510
5435	Repairs & Maintenance - Equipment	147,100	118,794	80.76%	87,279	31,516
5438	Fuel	67,220	36,806	54.76%	33,030	3,776
5440	Materials	95,000	126,677	133.34%	58,941	67,736
5445	Chemicals	55,000	38,346	69.72%	32,414	5,932
5450	Meter Repairs	136,000	66,667	49.02%	41,973	24,694
5453	Permits	90,000	76,462	84.96%	81,487	(5,025)
5455	Postage	77,275	44,669	57.81%	44,249	420
5460	Printing	23,300	8,153	34.99%	5,474	2,679
5465	Safety Equipment	25,000	9,374	37.49%	7,584	1,789
5470	Software Programs & Updates	146,256	100,368	68.62%	132,856	(32,488)
5475	Supplies	36,420	22,455	61.65%	14,673	7,781
5480	Telephone	28,020	20,590	73.48%	15,992	4,598
5485	Tools	15,000	12,295	81.97%	12,860	(565)
5490	Clothing Allowance	7,700	3,507	45.55%	2,880	627
5491	EGWD-Other Clothing	13,000	6,948	53.45%	7,082	(134)
5493	Water Conservation Materials	18,000	4,901	27.23%	228	4,673
	Category Subtotal	1,402,320	1,059,315	75.54%	880,877	178,438

**ELK GROVE WATER DISTRICT
QUARTERLY BUDGET REVIEW
THROUGH MARCH 31, 2023
FISCAL YEAR 2022-23**

Account Description					
5495 Purchased Water	3,455,261	2,370,105	68.59%	2,379,041	(8,936)

Account Description	FY 2022-23 Budget	Y-T-D 3/31/2023	72.62% Percentage	Y-T-D 3/31/2022	Change from prior year
Outside Services					
5505 Administration Services	4,100	1,674	40.82%	3,598	(1,924)
5510 Bank Charges	185,600	147,723	79.59%	129,898	17,825
5515 Billing Services	25,500	18,375	72.06%	14,760	3,616
5520 Contracted Services	504,410	359,534	71.28%	308,484	51,050
5523 Water Conservation Services	-	-	0.00%	-	-
5525 Accounting Services	30,000	15,941	53.14%	15,666	276
5530 Engineering	50,000	494	0.99%	13,136	(12,642)
5535 Legal Services	145,000	13,316	9.18%	19,061	(5,744)
5540 Financial Consultants	-	188	0.00%	-	188
5545 Community Relations	10,700	1,158	10.82%	1,095	63
5550 Pre-employment	1,000	-	0.00%	613	(613)
5552 Misc. Medical	2,000	1,827	91.35%	2,574	(747)
5555 Janitorial	21,200	12,750	60.14%	19,779	(7,029)
5560 Bond Administration	7,050	5,773	81.89%	3,500	2,273
5570 Security	31,972	20,696	64.73%	6,212	14,484
5575 Sampling	58,500	17,926	30.64%	16,500	1,426
Category Subtotal	1,077,032	617,374	57.32%	554,872	62,502

Account Description	FY 2022-23 Budget	Y-T-D 3/31/2023	50.00% Percentage	Y-T-D 3/31/2022	Change from prior year
Equipment Rent, Taxes and Utilities					
5610 Occupancy	6,000	18,000	300.00%	60,000	(42,000)
5620 Equipment Rental	30,074	26,342	87.59%	21,351	4,991
5710 Property Taxes	4,000	3,277	81.92%	2,918	359
5740 Electricity	410,200	327,713	79.89%	271,069	56,644
5750 Natural Gas	2,000	3,491	174.54%	1,165	2,326
5760 Sewer and Garbage	47,400	34,219	72.19%	34,734	(514)
Category Subtotal	499,674	413,042	82.66%	391,236	21,805

Total Operational Expenses	10,863,138	7,547,839	69.48%	6,994,484	553,355
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April 18, 2023

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Patrick Lee, Finance Manager/Treasurer

SUBJECT: **ELK GROVE WATER DISTRICT FISCAL YEAR 2022-23 QUARTERLY CAPITAL RESERVE STATUS REPORT**

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

On June 16, 2020, the Florin Resource Conservation District (District) Board of Directors (Board) adopted the District's Reserve and Capital Investments Policy (Policy), establishing the funding levels for each of the District's respective reserve funds. Per the Policy, the District's unrestricted net position as of July 1 of each fiscal year is allocated first to the Operating Reserve (120 days of budgeted operating and maintenance expenses), then to the upcoming year's capital budget, followed by elections/special studies, with the balance allocated to future capital improvements and future capital replacements in the ratio of 75:25, respectively. The total unrestricted net position available to be allocated to reserves on July 1, 2022 was \$19,417,956.

Through the third quarter of Fiscal Year 2022-23, the District expended \$1,896,597 for capital projects and \$1,887 on elections costs, leaving a remaining total reserve balance on March 31, 2023 of \$17,519,472.

DISCUSSION

Background

On June 21, 2022, the Board approved the District's Fiscal Year (FY) 2022-23 Operating Budget and the District's FY 2023-27 Capital Improvement Program (CIP) that included an appropriation of \$16.433 million in expenses, including \$1.683 million in unrestricted funds to the FY 2022-23 CIP.

At the August 16, 2022 regular Board meeting, the Board amended the FY 2022-23 District Operating Budget and the District FY 2023-2027 CIP by increasing the

ELK GROVE WATER DISTRICT FISCAL YEAR 2022-23 QUARTERLY CAPITAL RESERVE STATUS REPORT

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appropriation to capital reserves by \$1.431 million, resulting in total expenditures of \$17.865 million, including appropriations of \$3.114 million to the FY 2022-23 CIP.

At the November 15, 2022 regular Board meeting, the Board amended the FY 2022-23 District Operating Budget and the District FY 2023-2027 CIP by increasing the appropriation to capital reserves by \$65,337, resulting in total expenditures of \$17.888 million, including appropriations of \$3.180 million to the FY 2022-23 CIP.

Present Situation

As amended during the regular Board meeting on August 16, 2022 and on November 15, 2022, the District had appropriated Reserve Funds for FY 2022-23 as follows:

• Operations Reserves (120 days of O&M budget)	\$ 4,835,584
• FY 2022-23 Capital Improvement Fund	\$ 1,531,653
• FY 2022-23 Capital Replacement Fund	\$ 1,648,000
• Elections and Special Studies	\$ 250,000
• Future Capital Improvements	\$ 8,364,539
• Future Capital Replacements	<u>\$ 2,788,180</u>
	\$ 19,417,956

The District has expended \$1,896,597 for capital expenditures through March 31, 2023 as follows:

• Capital Improvement Fund	
○ Admin Building 9829 Waterman Rd	\$ 1,083,219
○ Service Line Replacement Paving	\$ 83,932
○ Unforeseen Capital Projects	<u>\$ 17,015</u>
TOTAL	\$ 1,184,166
• Capital Replacement Fund	
○ Locust/Summit Alley Water Main	\$ 25,191
○ 2 nd Ave Water Main	\$ 212,586
○ Truman Street/Adams Street	\$ 99,941
○ Elk Grove Blvd/Grove Street Alley	\$ 177,223
○ Unforeseen Capital Projects	<u>\$ 17,015</u>
TOTAL	\$ 712,432

April 18, 2023

ELK GROVE WATER DISTRICT FISCAL YEAR 2022-23 QUARTERLY CAPITAL RESERVE STATUS REPORT

Page 3

The District's remaining reserve fund balances as of March 31, 2023 including elections and special studies spending of \$1,887 are as follows:

• Operations Reserves (120 days)	\$ 4,835,584
• FY 2022-23 Capital Improvement Fund	\$ 347,488
• FY 2022-23 Capital Replacement Fund	\$ 935,569
• Elections and Special Studies	\$ 248,113
• Future Capital Improvements	\$ 8,364,539
• Future Capital Replacements	\$ 2,788,180
	<u>\$ 17,519,472</u>

ENVIRONMENTAL CONSIDERATIONS

There are no environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD's 2020-2025 Strategic Plan. Developing and adopting annual budgets that are balanced through cost-saving measures or transfers from operating reserves is specifically identified as an objective in the Fiscal Responsibility section of the Strategic Plan.

FINANCIAL SUMMARY

There is no financial impact with this report. Staff has provided a copy of the March 31, 2023, Quarterly Capital Reserves Review (attached) for the third quarter.

Respectfully submitted,



PATRICK LEE
FINANCE MANAGER/TREASURER

Attachment

**ELK GROVE WATER RESERVES
Fiscal Year 2022-23
As of March 31, 2023**

Total Available \$ 19,417,956 at 7/1/2022

Operating Reserves	Capital Improvements	Capital Replacements	Elections/ Special Studies	Future Capital Improvements	Future Capital Replacements
Needed	Funded	Funded	Funded	Funded	Funded
\$ 4,835,584	\$ 1,531,653	\$ 1,648,000	\$ 250,000	\$ 8,364,539	\$ 2,788,180
Available	Expended	Expended	Expended	Expended	Expended
-	\$ 1,184,166	\$ 712,432	\$ 1,887	\$ -	\$ -
Remaining	Remaining	Remaining	Remaining	Remaining	Remaining
\$ 4,835,584	\$ 347,488	\$ 935,569	\$ 248,113	\$ 8,364,539	\$ 2,788,180

Capital Improvement Funds

Supply/Dist. Improvements	Treatment Plant Improvements	Bldng/Site/Veh. Improvements	Unforeseen Capital Projects
Funded	Funded	Funded	Funded
\$ 135,000	\$ -	\$ 1,346,653	\$ 50,000
Expended	Expended	Expended	Expended
\$ 83,932	\$ -	\$ 1,083,219	\$ 17,015
Remaining	Remaining	Remaining	Remaining
\$ 51,068	\$ -	\$ 263,434	\$ 32,986

Capital Replacement Funds

Supply/Dist. Improvements	Treatment Plant Improvements	Bldng/Site/Veh. Improvements	Unforeseen Capital Projects
Funded	Funded	Funded	Funded
\$ 1,328,000	\$ 240,000	\$ 30,000	\$ 50,000
Expended	Expended	Expended	Expended
\$ 514,941	\$ 153,901	\$ 26,575	\$ 17,015
Remaining	Remaining	Remaining	Remaining
\$ 813,059	\$ 86,099	\$ 3,425	\$ 32,986

April 18, 2023

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Patrick Lee, Finance Manager/Board Treasurer

SUBJECT: **2024-2028 WATER RATE AND CONNECTION FEE STUDY**

RECOMMENDATION

This item is presented for discussion and direction from the Florin Resource Conservation District Board of Directors.

SUMMARY

The Florin Resource Conservation District (District) has retained the consulting firm Raftelis to complete the 2024-2028 Water Rate and Connection Fee Study (Study) for the Elk Grove Water District (EGWD). At the February 21, 2023 regular board meeting, the District Board of Directors (Board) directed staff to have Raftelis proceed with the 2024-2028 Water Rate Study utilizing a financial model reflecting a 4.5% annual revenue adjustment for the calendar years 2024-2028. The recommended rates were presented to the Board at the March 21, 2023 regular board meeting. At that meeting the Board directed staff to proceed with drafting the Proposition 218 public hearing notice and to have Raftelis move forward with finalizing the Study.

DISCUSSION

Background

As part of the Florin Resource Conservation District 2020-2025 Strategic Plan, the District is due to conduct a review of the Elk Grove Water District water rates to ensure revenues will be sufficient to cover operational, debt service and capital expenses for the years 2024-2028. The last water rate study was completed and adopted by the Board in June 2018. A new water rate study was identified by the Board as a key objective for fiscal year 2022-2023.

At a public meeting on December 13, 2022, staff met with the Community Advisory Committee (CAC) and the Board to conduct a Water Rate Study 101 presentation to go over water rate setting principles and expectations.

At a public meeting on January 17, 2023, staff met again with the CAC and the Board to review the first draft of the 10-year financial plan by Raftelis based on projected inflation, projected customer growth, projected demand growth, projected capital spending needs and

2024-2028 WATER RATE AND CONNECTION FEE STUDY

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projected operating expense escalations as developed through discussions with District staff. Raftelis developed three (3) different financial plan scenarios which were presented to both the CAC and the Board showing the effect on the District's future minimum reserve requirements as described below:

- Scenario 1: A do-nothing case (0%, 0%, 0%, 0%, 0%) resulting in negative minimum reserve cash balances by fiscal year ending (FYE) 2027 and beyond and the District falling out of compliance with its debt covenant ratio by FYE 2027.
- Scenario 2: Revenue adjustments of 4%, 4%, 3%, 2.5%, 2.5% over five (5) years assuming water demand and customer growth of 1.5% per year resulting in the District projecting to barely meet its minimum reserve cash balances in FYE 2028 and FYE 2029.
- Scenario 3: Revenue adjustments of 4%, 4%, 4%, 2.5%, 2.5% over five (5) years assuming water demand and customer growth of 1.5% per year resulting in the District projecting to have a slightly positive minimum reserve cash balance in FYE 2028 and positive reserve cash balances in other years.

Both the CAC and the Board requested that Raftelis run an additional scenario where water demand is based on the FYE 2022 water demand volume and held constant for all future years. The CAC felt that this scenario would provide a conservative approach to manage the District's fiscal needs in the case of mandated water conservation efforts related to drought conditions, and as water conservation increasingly becomes a California way of life.

District staff worked with Raftelis to 1) run a 0% growth water demand scenario (Scenario 4); and 2) an additional scenario (Scenario 5) where 5-year revenue adjustments were held to 4% for all five (5) years. The results of the 2 additional scenarios were presented to both the CAC and the Board during public meetings on February 21, 2023 and were as follows:

- Scenario 4: Water demand growth held at 0% resulted in revenue adjustments of 4.5%, 4.5%, 4.5%, 4.5%, 4.5%. This scenario yielded a slightly positive minimum reserve cash balance in FYE 2028 and positive reserve cash balances in other years. This conservative approach allows the District the greatest flexibility to manage required rate increases based on actual inflation, operating results and projected budgets.
- Scenario 5: Revenue adjustments held at 4%, 4%, 4%, 4%, 4% required a water demand growth of 0.9% (Scenarios 1-3 assumed 1.5% and Scenario 4 assumed 0%) per year to meet projected cash balance needs. This scenario resulted in a zero minimum reserve cash balance in FYE 2028 and positive reserve cash balances in other years. Scenario 5 also provides the District with a higher level of flexibility to

2024-2028 WATER RATE AND CONNECTION FEE STUDY

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manage required rate increases based on actual inflation, operating results and projected budgets.

Staff received direction from the Board to have Raftelis proceed with a cost-of-service analysis utilizing a financial plan with the recommended adjustments from scenario 4, reflecting a 4.5% revenue adjustment in developing the rate design for calendar years 2024-2028.

Raftelis completed the cost-of-service analysis which involves going through the District's total cost to operate the water system and functionalizing those costs based on whether they are supply and delivery related costs, conservation related costs, extra capacity related costs, meter maintenance related costs or customer service-related costs. These functionalized costs are then categorized as volumetric or fixed, with supply and delivery, conservation and a portion of extra capacity categorized as volumetric and meter maintenance, customer service and the remaining portion of extra capacity categorized as fixed. These costs are then further allocated to customer classes based on customer usage characteristics and meter sizes.

Using this exercise, along with the utilization of American Water Works Association (AWWA) hydraulic capacity ratios by meter type and size, Raftelis developed an updated water rate structure with recommended volumetric and fixed rates for all customer classes and meter sizes.

In addition to the cost of service and water rate design that was completed, Raftelis also completed the preliminary analysis on the connection/capacity fee study. Capacity fees are fees paid to the District as a one-time charge for all new development requiring water from the District for the purpose of reimbursing existing customers for their investment in the system. The presentation provided by Raftelis also summarized the recommended capacity fees as calculated.

The results of the rate design setting forth the recommended revenue rate increases for the next five (5) calendar years and the preliminary results of the connection/capacity fee study were presented to the Board at the March 21, 2023 regular board meeting. At that meeting, staff received direction from the Board to proceed with drafting the Proposition 218 public hearing notice and to have Raftelis move forward with finalizing both the water rate study and the connection/capacity fee study.

2024-2028 WATER RATE AND CONNECTION FEE STUDY

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Present Situation

Staff has completed the draft Proposition 218 public hearing notice (Attachment 1) and will be presenting it to the Board for discussion, input and direction. The public notice must include the following details:

1. The amount of the fee or the charge proposed to be imposed upon each identified parcel;
2. The basis upon which the amount of the proposed fee or charge was calculated;
3. The reason for the charge; and
4. The date, time, and location of a public hearing on the proposed fee or charge.

Staff has reviewed the public hearing notice with Raftelis as well as legal counsel to ensure it complies with the required noticing components for Proposition 218. Board input will be incorporated into a final draft of the notice for distribution to District customers and property owners in accordance with the minimum 45-day notice period.

ENVIRONMENTAL CONSIDERATIONS

There are no environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

The recommendations made in this report conform to Strategic Goal 2 – Fiscal Responsibility of the District’s Fiscal Year 2020-2025 Strategic Plan to conduct the 2024-2028 Water Rate and Connection Fee Study.

FINANCIAL SUMMARY

There is no direct financial impact associated with this item.

Respectfully submitted,



PATRICK LEE
FINANCE MANAGER/TREASURER

Attachment



NOTICE TO PROPERTY OWNERS OF PUBLIC HEARING ON PROPOSED WATER SERVICE RATES

Public Hearing Date & Time: July 18, 2023 6:30 PM

Hearing Location:

**Florin Resource Conservation District/Elk Grove Water District
9829 Waterman Road, Elk Grove, CA 95624**

Why are you receiving this notice?

The Florin Resource Conservation District, through its water department (Elk Grove Water District) (the “District”) is mailing this notice to you because you are the owner of record of a property that receives water service or are a water customer directly liable for the payment of water services. This notice explains the proposed changes to the District’s water service rates and provides notice of a public hearing to be held on **July 18, 2023 at 6:30 p.m. at the Elk Grove Water District, 9829 Waterman Road, Elk Grove, CA 95624** regarding these proposed changes.

What do water rates fund?

The District provides water service to approximately 13,400 customers. Water service rates are the primary source of revenue to operate the water system, and are used solely to fund system operations, capital projects and improvements, debt service, administration, repairs and replacements, as well as costs related to prudent long-term operational or financial management of the water system, such as planning for contingencies.

Why are rate adjustments needed?

The District is committed to providing the highest quality water services at the lowest possible rates for our customers and maintaining a financially sound and fiscally responsible water utility. To meet these commitments, the District continually evaluates the infrastructure needs, programs, and operations and maintenance costs of its water system, and complies with all Federal and State regulations concerning safe drinking water standards.

The District recently completed a comprehensive water rate study (the “Study”) prepared by an independent consultant, Raftelis, to analyze the District’s water service rates and determine if they are sufficient to meet the District’s operational and capital needs over the next ten years. The District faces increasing costs to provide water due to many variables, including the impact of inflation, and many circumstances beyond the District’s control. As an example, the District’s cost for wholesale water from the Sacramento County Water Agency have increased regularly, including an average of 2.37% increase annually over the past three years, and this cost, along with many others, are expected to continue to rise.

The Study recommends adjustments to the level and structure of the District’s water service rates over the next five years, to enable the District to pay for current and projected costs of operations and maintenance, capital infrastructure improvements required to provide reliable and safe drinking water, and maintain the operational and financial stability of the District.

In the first year of the proposed water service rate adjustments, the structure of the rates are adjusted to better reflect the customer class cost of service. While the adjustments incrementally increase the amount of revenue that would be collected under the previous rates, some customers may experience bill impacts, either increasing or decreasing depending on water consumption and customer class.

How are the water service rates calculated?

The Study developed water service rates using generally accepted practices of the American Water Works Association *Principles of Water Rates, Fees, and Charges* M1 Manual as well as following California constitutional and statutory requirements, and recent court decisions.

The District's proposed water service rates are comprised of two components – a "Meter Charge" and a "Commodity Charge." The Meter Charge is a fixed monthly charge calculated to distribute among all customers, a portion of the District's fixed costs, such as the costs of operations and maintenance, debt service, meter reading, billing, customer service, contingency planning, and required repairs and/or replacements of capital facilities and equipment. The Meter Charge of a property is based on the number of accounts and the size of the water meter serving a property. The Commodity Charge is a variable charge based on water usage and pays for costs associated with the delivery and purchase of water.

The proposed water service rate structure is expected to generate approximately 62% of the District's required revenue from Meter Charges, and 38% from the Commodity Charges. This forecast is based on a detailed multi-year consumption analysis and thorough examination of billing records. A cost-of-service rate analysis enables the District to proportionately allocate costs to each customer class based on historical consumption patterns and adopt rates that proportionately recover those costs from accounts within each customer class in the existing system. Full rate derivation details can be found in the 2024-2028 Water Rate Study report. A link is provided at the bottom of this notice.

The Commodity Charge applies to the following District customer classes: Residential, Non-Residential (including multi-family units, such as apartments), and Irrigation. For Residential customers, consumption data by customer account was analyzed to develop and create an appropriate rate design for the Commodity Charge. The Commodity Charge for Residential customers consists of 2 tiers that will impose a higher rate per unit of water (measured in hundred cubic feet or CCF) as the level of consumption increases. For Non-Residential and Irrigation customers, the cost-of-service analysis also allocated a proportionate share of the District's variable costs to each customer class based on the demand they place on the utility; however, to proportionately recover the required revenue from each of these two customer classes, a blended uniform rate was derived.

The District will annually review its revenues and expenditures to ensure that sufficient and appropriate revenues are collected to effectively provide for the short and long-term water service needs of the community. The proposed rates are structured to recover the proportionate cost of providing water service among the various customer classes.

Proposed water service rates

The District is proposing adoption of a 5-year schedule of water service rate adjustments. The proposed water service rate adjustments will be effective commencing January 1, 2024, and each January 1 thereafter, through January 1, 2028. The proposed water service rates and effective dates are displayed on the following page (page 3).

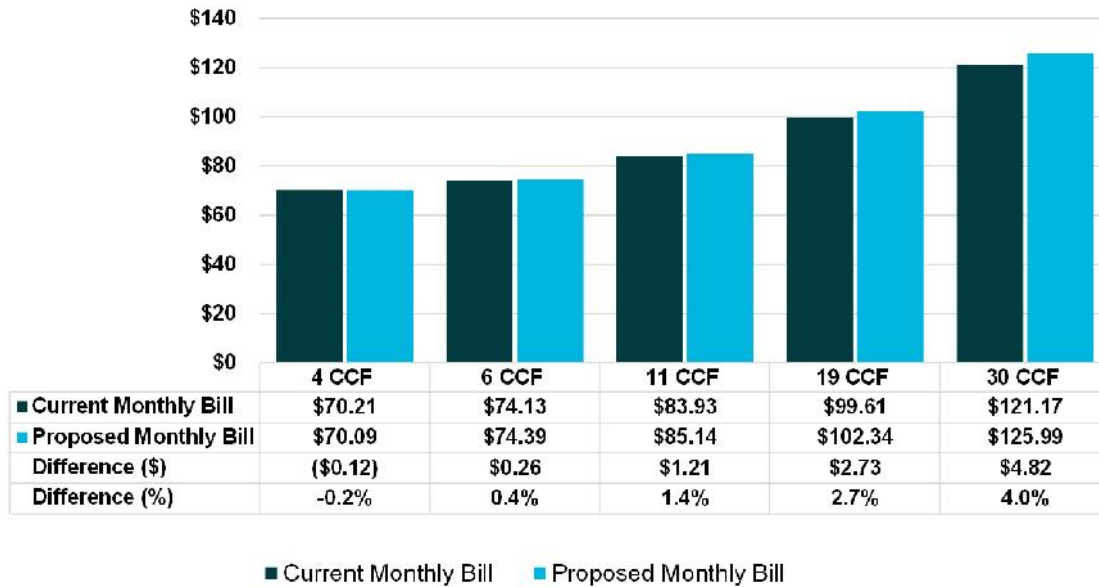
The District Board of Directors will annually determine the amount of revenue required during the District's budgeting process and will continue to identify cost saving opportunities and alternative revenue resources to reduce or suspend implementation of the proposed maximum rate increases identified in this notice.

Proposed Water Rate Schedule	FYE 2023	FYE 2024	FYE 2025	FYE 2026	FYE 2027	FYE 2028
<u>Monthly Fixed Charges (by Meter Size)</u>						
1"	\$62.37	\$61.49	\$64.26	\$67.16	\$70.19	\$73.35
1.5"	\$87.79	\$111.92	\$116.96	\$122.23	\$127.74	\$133.49
2"	\$118.29	\$172.44	\$180.20	\$188.31	\$196.79	\$205.65
3"	\$189.48	\$364.08	\$380.47	\$397.60	\$415.50	\$434.20
4"	\$291.14	\$616.23	\$643.97	\$672.95	\$703.24	\$734.89
6"	\$545.33	\$1,372.69	\$1,434.47	\$1,499.03	\$1,566.49	\$1,636.99
8"	\$850.36	\$1,624.85	\$1,697.97	\$1,774.38	\$1,854.23	\$1,937.68
10"	\$1,206.22	\$4,247.24	\$4,438.37	\$4,638.10	\$4,846.82	\$5,064.93
<u>Commodity Charges (per CCF)</u>						
Residential						
Tier 1 (0-30 CCF per Month)	\$1.96	\$2.15	\$2.25	\$2.36	\$2.47	\$2.59
Tier 2 (30.01+ CCF per Month)	\$4.12	\$3.19	\$3.34	\$3.50	\$3.66	\$3.83
Non-Residential						
Uniform	\$1.83	\$2.14	\$2.24	\$2.35	\$2.46	\$2.58
Irrigation						
Uniform	\$2.32	\$2.97	\$3.11	\$3.25	\$3.40	\$3.56
<u>Private Fire Protection Service Monthly Fixed Charges (by Connection Size)</u>						
2"	\$3.08	\$3.72	\$3.89	\$4.07	\$4.26	\$4.46
3"	\$8.96	\$10.79	\$11.28	\$11.79	\$12.33	\$12.89
4"	\$19.08	\$22.99	\$24.03	\$25.12	\$26.26	\$27.45
6"	\$55.43	\$66.77	\$69.78	\$72.93	\$76.22	\$79.65
8"	\$118.12	\$142.29	\$148.70	\$155.40	\$162.40	\$169.71
10"	\$212.42	\$255.89	\$267.41	\$279.45	\$292.03	\$305.18
12"	\$343.10	\$413.32	\$431.92	\$451.36	\$471.68	\$492.91

Impact on your bill

As a result of these proposed changes, customers with lower consumption will see a decrease in their monthly water bill while customers with higher consumption will see an increase in their monthly water bill. For example, a Residential home that uses an annual monthly average of 11 CCF of water, their monthly bill would increase from \$83.93 to \$85.14 or 1.40%. The accompanying graph (page 4) provides a summary of existing and proposed water service rates for Residential customers under five water usage scenarios.

Single Family Residential Monthly Bill Impacts for 1" Meter, 11 ccf = Median



How to protest the proposed water service rates

Any property owner whose property will be subject to the proposed water service rates or any tenant directly responsible for the payment of water service fees (i.e., a customer of record), may submit a written protest and/or attend the Public Hearing at the District’s offices on **July 18, 2023 at 6:30 PM** to give oral testimony. Only one written protest will be counted per identified parcel.

Any written protest must: (1) State that the identified property owner or customer of record is in opposition to the proposed water service rates; (2) Provide the location of the identified parcel (by assessor’s parcel number or street address); and (3) Include the name and signature of the property owner or customer of record submitting the protest. Written protests may be submitted by mail or in person to the **Florin Resource Conservation District at 9829 Waterman Road, Elk Grove, CA 95624**. All written protests must be received at the District by close of business on **July 18, 2023**. Any protest submitted via e-mail or other electronic means will not be accepted. Please include the following notation on the front of the envelope for any written protest, whether mailed or submitted in person: *“ATTN: Board Secretary, Stefani Phillips, Protest of Proposed Water Service Rates.”*

The District Board of Directors will consider all timely submitted written protests and oral protests to the proposed rate increases at the Public Hearing. Oral comments at the Public Hearing will not qualify as formal protests. Upon the conclusion of the Public Hearing, the District Board of Directors will consider adoption of the proposed water service rates described in this notice. If adopted, the proposed rates will be in effect beginning January 1, 2024, and adjusted each January 1 thereafter, through January 1, 2028.

If you have any questions about the proposed water service rates or the water service rates applicable to your property, please contact the District at (916) 685-3556 during normal business hours.

A complete copy of the 2024-2028 Water Rate Study Report may be obtained in person at the District’s office and is also available on the District’s website at <http://www.egwd.org/water-rates>.

April 18, 2023

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Patrick Lee, Finance Manager/Treasurer

SUBJECT: **DRAFT BUDGET WORKSHEET AND DEPARTMENTAL GOALS AND OBJECTIVES FOR THE FLORIN RESOURCE CONSERVATION DISTRICT/ELK GROVE WATER DISTRICT FISCAL YEAR 2023-24 OPERATING BUDGET**

RECOMMENDATION

Review and discuss the operating budget worksheet and departmental goals and objectives for the Florin Resource Conservation District/Elk Grove Water District Fiscal Year 2023-24 Operating Budget and provide direction to staff.

SUMMARY

Each year staff develops the operating budget worksheet of projected revenues and estimated expenses and presents the document to the Florin Resource Conservation District/Elk Grove Water District (District) Board of Directors (Board) for review and comment. Attached to this report is the operating budget worksheet and the departmental goals and objectives of the District for Fiscal Year (FY) 2023-24. Following the presentation and discussion, staff generally makes revisions and brings the revised documents back to the Board at a subsequent meeting(s) for further discussion prior to advancing to the Board for adoption in June.

DISCUSSION

Background

The District operates on a fiscal year that runs from July 1 to June 30. Staff has completed the preparation of the District's FY 2023-24 operating budget worksheet (Attachment 1) and the departmental goals and objectives (Attachment 2). Staff is bringing both items to the Board for review and discussion. The preparation of the budget is a participatory process with engagement from the Board, staff and public. Once all comments are received, staff will incorporate the information into a final budget document and bring the final budget to the Board for adoption in June.

DRAFT BUDGET WORKSHEET AND DEPARTMENTAL GOALS AND OBJECTIVES FOR THE FLORIN RESOURCE CONSERVATION DISTRICT/ELK GROVE WATER DISTRICT FISCAL YEAR 2023-24 OPERATING BUDGET

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Present Situation

Staff is presenting the District operating budget worksheet and departmental goals and objectives for FY 2023-24 to the Board for review and comment. Comments from the Board will be incorporated into a final draft to be presented at the next regular Board meeting on May 16, 2023.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item, and all other budget related activities, conforms to the FRCD/EGWD's 2020-2025 Strategic Plan. Adoption of an annual balanced budget is specifically identified as a goal in the Fiscal Responsibility section of the Strategic Plan.

FINANCIAL SUMMARY

The District's proposed budget for FY 2023-24 projects total operating revenues of approximately \$16.397 million and total expenses of approximately \$18.492 million including Capital Improvement and Capital Repair & Replacement Reserve contributions of approximately \$3.175 million. The projected expenses in excess of revenues are approximately \$2.095 million, which would be funded from reserves carried over from prior years.

Despite many non-discretionary cost increases and inflation, staff undertook efforts to find cost reductions to minimize increases and these are reflected in the FY 2023-24 budget. The budget has an increase in total expenditures of \$603,994 (3.38%) from the adopted budget for FY 2022-23. The major highlights are listed below, and comparisons made are against the budgeted amounts for FY 2022-23:

- Revenues for FY 2023-24 are budgeted at \$16.397 million, an increase of \$523,319 (3.30%) from prior year's budget based on the following assumptions:

**DRAFT BUDGET WORKSHEET AND DEPARTMENTAL GOALS AND OBJECTIVES
FOR THE FLORIN RESOURCE CONSERVATION DISTRICT/ELK GROVE WATER
DISTRICT FISCAL YEAR 2023-24 OPERATING BUDGET**

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- A cost-of-service analysis was completed to reallocate service costs to the District's different customer classes based on usage characteristics and peaking factors, resulting in an overall average 4.5% revenue rate adjustment effective January 1, 2024. This revenue rate adjustment is pending approval from the Board and subject to the receipt and consideration of any protests and comments before and during a public hearing in compliance with Proposition 218.
 - Consumption levels calculated based on an analysis using historical demand averages to determine "normal year usage" conditions, taking into consideration current weather conditions and the requirement for conservation.
 - An increase in the number of accounts based on the review of development projects in the District's service area and a projection of the number of units to be fully built within the fiscal year.
 - A 5.0% contingency factor that decreases residential consumption revenue due to the unknown nature of usage conditions for FY 2023-24.
- Salaries and Benefits are budgeted at \$5.410 million, an increase of \$562,361 (11.60%) from prior year's budget mainly due to:
 - An update to the District's salary schedule based on the results of the District's 2023 Compensation Study Report as accepted and filed by the Board on March 21, 2023.
 - Merit increases and promotions for eligible employees.
 - An estimated 6.0% to 15.0% increase in medical premiums depending on medical plans for employees who have not yet reached the medical subsidy cap. An estimated 2.0% increase for all employees who have met the District's medical subsidy cap.
 - An estimated 5.0% COLA increase based on the February CPI-U for the average of the U.S. City Average, West and San Francisco index of 5.63%.
 - Seminars, Conventions and Travel are budgeted at \$45,695, an increase of \$5,302 (13.13%) from prior year's budget due to an increase in the number of Board members attending the ACWA Conferences in FY 2023-24.
 - Office and Operational costs are budgeted at \$1.481 million, an increase of \$78,731 (5.61%) from prior year's budget mainly due to:

**DRAFT BUDGET WORKSHEET AND DEPARTMENTAL GOALS AND OBJECTIVES
FOR THE FLORIN RESOURCE CONSERVATION DISTRICT/ELK GROVE WATER
DISTRICT FISCAL YEAR 2023-24 OPERATING BUDGET**

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- An increase in insurance premiums of \$28,500 as projected by JPIA for all programs.
 - An increase in non-CIP related Materials of \$68,150 (71.74%) due to an increase in the cost of materials due to inflation.
 - A decrease in Meters of \$36,000 (-108.58%) due to an increased number of meters in inventory from prior year purchases due to anticipated supply chain issues.
- Purchased Water is budgeted at \$3.466 million, an increase of \$10,765 (0.31%) from prior year's budget due mainly to an estimated 2.40% rate increase offset by the use of more accurate demand data calculated based on an analysis using historical demand averages to determine "normal year usage" conditions, taking into consideration current weather conditions and the requirement for conservation.
 - Outside Services costs are budgeted at \$1.110 million, an increase of \$33,092 (3.07%) from prior year's budget due mainly to:
 - An increase in banking charges of \$25,200 (13.58%) due to the District anticipating an increase in the number of customers who will be utilizing recurring credit card payment option now available.
 - An increase in Legal Services of \$75,000 (51.72%) due to the District retaining new general counsel services starting in FY 2024.
 - A decrease in contracted services of \$54,544 (-10.81%) due to the completion of the 2023 Compensation Study and the 2024-2028 Water Rate and Connection Fee Study in FY 2023.
 - Equipment Rent, Taxes and Utilities are budgeted at \$593,200, an increase of \$93,526 (18.72%) from prior year's budget due mainly to an increase in the cost of electricity used for pumping. Overall, SMUD electricity rate increased year over year by 29.10%.
 - Capital Improvement Funding includes contributions to the Repair & Replacement Reserve and the Capital Improvement Reserve for a total of \$3.175 million. This represents a decrease of \$4,653 (-0.15%) from prior year's budget.
 - Bond interest expenses will decrease by \$111,210 (-8.40%) while bond principal retirements will increase by \$115,000 (4.49%).

April 18, 2023

**DRAFT BUDGET WORKSHEET AND DEPARTMENTAL GOALS AND OBJECTIVES
FOR THE FLORIN RESOURCE CONSERVATION DISTRICT/ELK GROVE WATER
DISTRICT FISCAL YEAR 2023-24 OPERATING BUDGET**

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- There are no anticipated elections in FY 2024. Therefore, the District has not budgeted elections costs.
- This budget anticipates capitalizing \$436,113 of Salaries and Benefits for capital improvements constructed by the Utility Division. Capitalized labor costs are reduced from regular salaries and benefits and are included in the total funded amounts in the Five-Year Capital Improvement Program. Capitalized labor is estimated at 60% of the total salaries and benefits of the Utility Division.
- The budget, as recommended, will meet bond covenant requirements as follows:
 - Covenant: 1.22 (1.15 required)
- The Board will adopt a Five-Year Capital Improvement Program (CIP) which only appropriates funding for the CIP projects scheduled in FY 2023-24.
- The District will receive American Rescue Plan Act funds from the City of Elk Grove in the amount of \$215,000 for the Locust Street/Elk Grove Blvd Alley Water Main project in FY 2024.

Staff is requesting comments from the Board. Comments will be incorporated into a final draft and presented at the next regular Board meeting on May 16, 2023.

Respectfully submitted,



PATRICK LEE
FINANCE MANAGER/TREASURER

Attachments

Attachment 1

Elk Grove Water District -- FY 2023-24 Bud

Description		FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 22-23	FY 22-23	Ops	Tech Services	GM	HR	PM	Finance	Admin	FY 2023-24	Change from		
Description		Actual	Actual	Actual	Budget	Y-T-D - 3-31-23	Projected	500	560	610	620	640	650	700	Budget	FY 22-23 Budget		
Revenues																		
Account	Description	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 22-23	FY 22-23	Ops	Tech Services	GM	HR	PM	Finance	Admin	FY 2023-24	Difference		
		Actual	Actual	Actual	Budget	Y-T-D - 3-31-23	Projected	500	560	610	620	640	650	700	Budget	Dollars		
																Percentage		
4100	Water Payment Revenues - Residential	\$ 13,479,404	\$ 14,045,721	\$ 13,517,122	\$ 13,427,749	\$ 10,213,741	\$ 13,820,412	2.92%						\$ 13,629,113	\$ 13,629,113	\$ 201,364	1.50%	
4110	Water Payment Revenues - Commercial	2,040,936	2,121,459	2,051,246	1,912,041	1,318,232	1,783,725	-6.71%						2,202,712	2,202,712	290,671	15.20%	
4120	Water Payment Revenues - Fire Service	196,357	196,456	204,588	205,595	158,915	215,031	4.59%						235,379	235,379	29,784	14.49%	
4200	Meter Fees/Plan Check/Water Capacity	511,774	203,091	155,739	126,000	86,565	117,133	-7.04%						126,000	126,000	-	0.00%	
4201	Backflow Install:Fin-EGWS	6,626	24,071	19,476	10,000	15,055	20,371	103.71%						15,000	15,000	5,000	50.00%	
4202	Backflow Testing Fee	-	-	2,470	-	12,415	16,799	100.00%						2,500	2,500	2,500	0.00%	
4204	Failed Backflow Notification Fee	-	-	-	-	50	68	100.00%						-	-	-	0.00%	
4300	Fire Protection	-	1,560	1,404	-	312	422	100.00%						-	-	-	0.00%	
4520	Door Hanger Fees	106,400	-	45,800	115,000	83,125	112,478	-2.19%						115,000	115,000	-	0.00%	
4530	Meter Testing Fee	-	-	47	-	-	-	0.00%						-	-	-	0.00%	
4540	New account Fees	30,420	31,440	26,340	25,000	12,360	16,725	-33.10%						20,000	20,000	(5,000)	-20.00%	
4550	NSF Fees	2,660	1,645	1,645	3,000	1,960	2,652	-11.60%						2,000	2,000	(1,000)	-33.33%	
4560	Fees & Penalties	-	-	4,494	-	12,864	17,407	100.00%						-	-	-	0.00%	
4570	Shut-off Fees	38,800	-	28,000	50,000	51,300	69,415	38.83%						50,000	50,000	-	0.00%	
4580	Restoration Fees	-	-	225	-	100	135	100.00%						-	-	-	0.00%	
4585	Admin Citations	300	1,282	1,115	-	440	595	100.00%						-	-	-	0.00%	
4590	Credit Card Fees	6,050	-	-	-	-	-	0.00%						-	-	-	0.00%	
4591	Release of Lien Fee	1,407	3,920	(1,620)	-	(540)	(731)	-100.00%						-	-	-	0.00%	
4700	Rental Income	-	34,546	16,668	-	-	-	0.00%						-	-	-	0.00%	
4800	Other Income	-	-	1,154	-	793	793	100.00%						-	-	-	0.00%	
4900	Customer Refunds	(2,763)	878	(45,596)	(1,000)	(19,324)	(26,148)	2514.77%						(1,000)	(1,000)	-	0.00%	
TOTAL GROSS REVENUES		\$ 16,418,371	\$ 16,666,067	\$ 16,030,316	\$ 15,873,385	\$ 11,948,362	\$ 16,167,282	1.85%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,396,705	\$ 16,396,705	\$ 523,319	3.30%

Expenditures

1. Direct Expenses

Account	Description	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 22-23	FY 22-23	Ops	Tech Services	GM	HR	PM	Finance	Admin	FY 2023-24	Difference		
		Actual	Actual	Actual	Budget	Y-T-D - 3-31-23	Projected	500	560	610	620	640	650	700	Budget	Dollars		
																Percentage		
Salaries & Benefits																		
5100	Executive Salary	\$ 182,615	\$ 158,710	\$ 187,483	\$ 207,527	\$ 153,179	\$ 209,613	1.01%			\$ 259,229				\$ 259,229	\$ 51,703	24.91%	
5110	Exempt Salaries	566,577	571,941	510,983	634,842	454,162	621,485	-2.10%			104,953	141,524	128,878	354,323	729,679	94,837	14.94%	
5120	Non-Exempt Salaries	1,365,198	1,626,875	1,623,296	1,957,845	1,331,097	1,821,501	-6.96%	1,691,452	81,835	146,684		318,523	2,238,495	280,650	14.33%		
5130	Overtime Compensation	33,784	26,986	34,810	45,000	22,832	31,244	-30.57%	40,000	2,000	1,500		1,500	45,000	-	0.00%		
5140	On Call Pay	23,446	24,864	30,940	31,025	22,440	31,025	0.00%	31,025					31,025	-	0.00%		
5150	Holiday Pay	113,792	117,739	128,498	137,977	110,524	132,629	-3.88%	89,538	10,197	13,644	15,302	6,880	35,773	171,334	33,357	24.18%	
5160	Vacation Pay	184,761	56,922	185,785	161,804	139,146	190,410	17.68%	101,203	6,043	16,171	19,684	6,116	39,951	189,168	27,364	16.91%	
5170	Personal Time Pay	91,616	238,090	129,164	118,715	89,915	123,042	3.64%	71,630	8,158	10,915	12,242	5,504	28,618	137,068	18,353	15.46%	
5200	Medical Benefits	585,087	559,389	596,916	781,483	546,429	655,715	-16.09%	428,031	19,596	10,336	70,748	23,494	216,943	769,147	(12,336)	-1.58%	
5195	EAP	928	807	816	874	726	871	-0.31%	516	61	30	91	30	182	911	37	4.20%	
5201	EGWD Contribution H.S.A	21,092	23,700	21,100	23,700	23,500	23,500	-0.84%				25,000			25,000	1,300	5.49%	
5210	Dental/Vision/Life Insurance	55,654	51,985	58,825	60,730	50,978	61,173	0.73%	36,040	1,744	3,145	6,822	2,087	11,747	61,585	855	1.41%	
5220	Retirement Benefits	524,173	572,169	(2,568,235)	287,851	203,562	287,851	0.00%	186,830	15,082	33,530	29,806	10,177	80,480	355,906	68,055	23.64%	
5225	Retirement Benefits - Post Employment	185,417	276,278	205,578	186,234	64,623	186,234	0.00%						204,601	204,601	18,367	9.86%	
5230	Medical Tax, Social Security and SUI	49,764	52,174	51,342	67,060	40,718	55,720	-16.91%	39,522	4,556	4,664	6,835	2,775	15,114	73,467	6,406	9.55%	
5240	Worker's Compensation Insurance	85,222	88,506	85,606	96,600	28,851	57,702	-40.27%	58,110	1,532	2,050	1,883	1,034	4,403	69,013	(27,587)	-28.56%	
5250	Education Assistance	-	-	-	2,500	-	-	-100.00%	2,500	-	-	-	-	-	2,500	-	0.00%	
5260	Employee Training	19,085	15,066	19,326	41,700	8,107	10,810	-74.08%	9,000	3,000	1,200	4,000	17,000	2,000	36,200	(5,500)	-13.19%	
5270	Employee Recognition	2,383	2,385	1,542	2,880	6,165	8,220	185.41%		100	1,380	1,000	400		2,880	-	0.00%	
5280	Meetings	847	-	-	1,200	-	-	-100.00%	250	250	250	200	250	6,500	7,700	6,500	541.67%	
Category Subtotal		\$ 4,091,441	\$ 4,464,584	\$ 1,303,775	\$ 4,847,546	\$ 3,296,954	\$ 4,508,744	-6.99%	\$ 2,785,648	\$ 259,107	\$ 356,545	\$ 483,322	\$ 204,626	\$ 1,109,558	\$ 211,101	\$ 5,409,907	\$ 562,361	11.60%
Seminars, Conventions and Travel																		
5300	Airfare	\$ 2,928	\$ (39)	\$ 218	\$ 4,550	\$ 2,043	\$ 2,043	-55.11%		900	1,350	900	450	1,000	4,600	50	1.10%	
5310	Hotels	7,366	-	1,908	12,100	5,995	10,795	-10.79%		2,000	4,800	2,400	1,200	2,200	12,600	500	4.13%	
5320	Meals	2,741	1,094	908	5,638	3,235	4,814	-14.62%	650	553	3,412	632	832	711	6,790	1,152	20.43%	
5330	Auto Rental	63	(102)	156	1,500	-	-	-100.00%		400	600	-	-	300	1,300	(200)	-13.33%	
5340	Seminars & Conferences	10,256	(300)	7,614	9,125	6,382	8,827	-3.27%	1,950	650	5,325	1,550	1,550	1,550	12,575	3,450	37.81%	
5350	Mileage Reimbursement, Parking, Tolls	989	(20)	155	1,480	627	1,035	-30.04%	180	100	350	300	400	500	1,830	350	23.65%	
5375	Auto/Telephone Allowance	6,070	6,145	5,928	6,000	4,357	6,000	0.00%			6,000				6,000	-	0.00%	
Category Subtotal		\$ 30,413	\$ 6,778	\$ 16,887	\$ 40,393	\$ 22,638	\$ 33,513	-17.03%	\$ 2,780	\$ 4,603	\$ 21,837	\$ 5,782	\$ 4,432	\$ 6,261	\$ -	\$ 45,695	\$ 5,302	13.13%

Account	Description	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Actual	FY 22-23 Budget	FY 22-23 Y-T-D - 3-31-23	FY 22-23 Projected		Ops 500	Tech Services 560	GM 610	HR 620	PM 640	Finance 650	Admin 700	FY 2023-24 Budget	Difference Dollars	Percentage
Office & Operational																		
5410	Advertising	\$ 5,200	\$ 15,660	\$ 14,404	\$ 17,200	\$ 7,728	\$ 11,592	-32.61%				\$ 2,000	\$ 2,000		\$ 13,200	\$ 17,200	\$ -	0.00%
5415	Association Dues	118,649	150,003	124,103	134,359	126,552	126,552	-5.81%	1,000	300	311			570	130,689	132,870	(1,489)	-1.11%
5420	Insurance	91,118	100,008	99,889	125,700	132,643	132,643	5.52%							154,200	154,200	28,500	22.67%
5425	Licenses, Certifications, Fees	8,304	4,530	4,843	3,800	3,411	4,548	19.68%	2,000	-	-	300	500	850		3,650	(150)	-3.95%
5430	Repairs & Maintenance - Automotive	33,476	34,544	25,965	35,500	17,921	23,895	-32.69%	35,000	1,000					500	36,500	1,000	2.82%
5432	Repairs & Maintenance - Building	45,258	46,975	62,492	84,820	51,881	69,175	-18.44%	65,000						28,520	93,520	8,700	10.26%
5434	Repairs & Maintenance - Computers	20,927	4,422	12,500	20,650	22,166	29,555	43.12%	11,500	1,575		2,000		6,575		21,650	1,000	4.84%
5435	Repairs & Maintenance - Equipment	114,022	108,307	117,926	147,100	118,794	158,393	7.68%	155,000	500				-	5,000	160,500	13,400	9.11%
5438	Fuel	34,343	33,622	51,644	67,220	36,806	49,075	-26.99%	55,000	1,000				-	720	56,720	(10,500)	-15.62%
5440	Materials	12,239	180,257	105,295	95,000	126,677	168,902	77.79%	145,000	8,150					10,000	163,150	68,150	71.74%
5445	Chemicals	42,547	37,126	49,148	55,000	38,346	51,128	-7.04%	65,000							65,000	10,000	18.18%
5450	Meter Repairs	129,363	123,132	60,523	136,000	66,667	88,890	-34.64%	100,000							100,000	(36,000)	-26.47%
5453	Permits	56,416	49,677	84,860	90,000	76,462	86,462	-3.93%	95,000							95,000	5,000	5.56%
5455	Postage	60,709	61,230	64,535	77,275	44,669	76,576	-0.90%		75		100	17,500		64,650	82,325	5,050	6.54%
5460	Printing	7,022	9,255	6,308	23,300	8,153	10,871	-53.34%		200		100	19,050	7,500		26,850	3,550	15.24%
5465	Safety Equipment	19,620	9,771	8,496	25,000	9,374	12,498	-50.01%	15,000	-			3,000			18,000	(7,000)	-28.00%
5470	Software Programs & Updates	115,622	104,412	179,112	146,256	100,368	100,368	-31.38%	44,180	37,629			200	59,187		141,196	(5,060)	-3.46%
5475	Supplies	26,796	17,844	21,086	36,420	22,455	29,940	-17.79%	10,000	900		1,000	120		15,000	27,020	(9,400)	-25.81%
5480	Telephone	25,996	26,189	20,750	28,020	20,590	30,885	10.22%	15,000						18,500	33,500	5,480	19.56%
5485	Tools	7,857	12,709	15,083	15,000	12,295	16,393	9.29%	19,000	-					500	19,500	4,500	30.00%
5490	Clothing Allowance	2,713	3,809	6,501	7,700	3,507	7,700	0.00%	7,000	700						7,700	-	0.00%
5491	EGWD Other Clothing	11,177	12,647	10,515	13,000	6,948	10,422	-19.83%	13,000							13,000	-	0.00%
5493	Water Conservation Materials	-	-	1,494	18,000	4,901	6,535	-63.70%					12,000			12,000	(6,000)	-33.33%
	Category Subtotal	\$ 989,374	\$ 1,146,128	\$ 1,147,471	\$ 1,402,320	\$ 1,059,315	\$ 1,302,997	-7.08%	\$ 852,680	\$ 52,029	\$ 311	\$ 5,500	\$ 54,370	\$ 74,682	\$ 441,479	\$ 1,481,051	\$ 78,731	5.61%
5495	Purchased Water	\$ 2,965,638	\$ 3,243,299	\$ 3,159,853	\$ 3,455,261	\$ 2,370,105	\$ 3,289,536	-4.80%	\$ 3,466,025							\$ 3,466,025	\$ 10,765	0.31%
Outside Services																		
5505	Administration Services	\$ 6,419	\$ 6,239	\$ 4,359	\$ 4,100	\$ 1,674	\$ 2,511	-38.76%				\$ 4,400		\$ 300		\$ 4,700	\$ 600	14.63%
5510	Bank Charges	168,810	166,475	176,673	185,600	147,723	196,964	6.12%							210,800	210,800	25,200	13.58%
5515	Billing Services	20,869	24,328	21,377	25,500	18,375	27,563	8.09%						25,500		25,500	-	0.00%
5520	Contracted Services	351,356	479,176	482,605	504,410	359,534	539,301	6.92%	70,000	-	-	6,000	35,500		338,366	449,866	(54,544)	-10.81%
5523	Water Conservation Services	-	-	-	-	-	-	0.00%								-	-	0.00%
5525	Accounting Services	28,514	26,960	27,444	30,000	15,941	30,000	0.00%						30,000		30,000	-	0.00%
5530	Engineering	174,660	96,828	55,825	50,000	494	5,494	-89.01%		50,000						50,000	-	0.00%
5535	Legal Services	94,361	63,310	33,919	145,000	13,316	19,974	-86.22%			220,000					220,000	75,000	51.72%
5540	Financial Consultants	1,750	(955)	-	-	188	188	100.00%								-	-	0.00%
5545	Community Relations	7,650	-	1,131	10,700	1,158	1,544	-85.57%			1,200		4,000			5,200	(5,500)	-51.40%
5552	Misc. Medical	1,174	3,338	2,919	2,000	1,827	2,436	21.80%				2,000				2,000	-	0.00%
5550	Pre-employment	1,185	493	613	1,000	-	-	-100.00%				1,000				1,000	-	0.00%
5555	Janitorial	14,753	26,874	22,356	21,200	12,750	19,125	-9.79%	9,000						13,200	22,200	1,000	4.72%
5560	Bond Administration	5,770	7,890	3,500	7,050	5,773	5,773	-18.11%							6,550	6,550	(500)	-7.09%
5570	Security	21,691	20,916	23,571	31,972	20,696	31,044	-2.90%	27,000						5,308	32,308	336	1.05%
5575	Sampling	40,494	37,003	23,037	58,500	17,926	26,889	-54.04%	50,000							50,000	(8,500)	-14.53%
5580	Board Secretary/Treasurer	-	-	-	-	-	-	0.00%								-	-	0.00%
	Category Subtotal	\$ 939,456	\$ 958,876	\$ 879,328	\$ 1,077,032	\$ 617,375	\$ 908,806	-15.62%	\$ 156,000	\$ 50,000	\$ 221,200	\$ 13,400	\$ 39,500	\$ 55,800	\$ 574,224	\$ 1,110,124	\$ 33,092	3.07%

Account	Description	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Actual	FY 22-23 Budget	FY 22-23 Y-T-D - 3-31-23	FY 22-23 Projected	Ops 500	Tech Services 560	GM 610	HR 620	PM 640	Finance 650	Admin 700	FY 2023-24 Budget	Difference Dollars	Percentage	
Equipment Rent, Taxes and Utilities																		
5610	Occupancy	\$ -	\$ 17,000	\$ 72,000	\$ 6,000	\$ 18,000	\$ 18,000	100.00%							\$ -	\$ -	(6,000)	-100.00%
5620	Equipment Rental	21,236	23,727	33,803	30,074	26,342	39,513	31.39%	\$ 18,000			\$ 3,600		\$ 5,000	26,600	(3,474)	-11.55%	
5710	Property Taxes	995	967	2,918	4,000	3,277	3,277	-18.08%						4,000	4,000	-	0.00%	
5740	Electricity	402,747	409,242	360,247	410,200	327,713	516,148	25.83%	500,000					10,800	510,800	100,600	24.52%	
5750	Natural Gas	725	903	1,352	2,000	3,491	5,237	161.83%						6,000	6,000	4,000	200.00%	
5760	Sewer & Garbage	32,748	47,928	49,972	47,400	34,219	51,329	8.29%	35,000					10,800	45,800	(1,600)	-3.38%	
	Category Subtotal	\$ 458,451	\$ 499,767	\$ 520,293	\$ 499,674	\$ 413,042	\$ 633,503	26.78%	\$ 553,000	\$ -	\$ -	\$ 3,600	\$ -	\$ 36,600	\$ 593,200	\$ 93,526	18.72%	
	Gross O&M Expenses	\$ 9,474,773	\$ 10,319,431	\$ 7,027,606	\$ 11,322,226	\$ 7,779,429	\$ 10,677,099	-5.70%	\$ 7,816,134	\$ 365,739	\$ 599,893	\$ 508,004	\$ 306,528	\$ 1,246,302	\$ 1,263,404	\$ 12,106,003	\$ 783,777	6.92%
	Less: Capitalized Labor	\$ (273,456)	\$ (292,028)	\$ (500,178)	\$ (459,089)	\$ (231,589)	\$ (316,911)	-30.97%	\$ (436,113)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (436,113)	\$ 22,976	-5.00%	
	Net O&M Expenses	\$ 9,201,317	\$ 10,027,403	\$ 6,527,428	\$ 10,863,137	\$ 7,547,840	\$ 10,360,188	-4.63%	\$ 7,380,020	\$ 365,739	\$ 599,893	\$ 508,004	\$ 306,528	\$ 1,246,302	\$ 1,263,404	\$ 11,669,889	\$ 806,753	7.43%
	Net Revenues	\$ 7,217,054	\$ 6,638,664	\$ 9,502,888	\$ 5,010,249	\$ 4,400,522	\$ 5,807,095	15.90%							\$ 4,726,815	\$ (283,433)	-5.66%	

2. Capital Improvement Funding

3560	Repair & Replacement Reserve	\$ 778,658	\$ 2,340,867	\$ 1,869,360	\$ 1,648,000	\$ 712,432	\$ 1,648,000	0.00%						\$ 2,335,000	\$ 2,335,000	\$ 687,000	41.69%	
3565	Long-Term Capital Improvement Reserve	359,981	618,929	614,930	1,531,653	1,184,166	1,531,653	0.00%						840,000	840,000	(691,653)	-45.16%	
	Contribution to Reserves							0.00%										0.00%
	TOTAL CAPITALIZED EXPENSES	\$ 1,138,639	\$ 2,959,796	\$ 2,484,290	\$ 3,179,653	\$ 1,896,598	\$ 3,179,653	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,175,000	\$ 3,175,000	\$ (4,653)	-0.15%	

3. Nonoperating (Revenue) / Expenses

6440	Depreciation							0.00%										0.00%
6450	Amortization							0.00%										0.00%
7300	Debt Service (Bond Interest Expense)	1,627,405	1,466,868	1,442,499	1,323,204	992,403	1,323,204	0.00%						1,211,994	1,211,994	(111,210)	-8.40%	
7320	Offering Expense - Deferred Charges							0.00%										0.00%
2500	Bond Retirement	2,165,000	2,300,000	2,440,000	2,560,000	1,920,000	2,560,000	0.00%						2,675,000	2,675,000	115,000	4.49%	
9700	Capital Grants				(221,000)		(221,000)	0.00%						(215,000)	(215,000)	6,000	100.00%	
9910	Interest Earned	(221,048)	(88,328)	(56,182)	(25,000)	(57,990)	(57,990)	131.96%						(25,000)	(25,000)		0.00%	
9911	Unrealized Gains/Losses	(90,446)	18,479	390,948		(70,703)	(70,703)	-100.00%										0.00%
9920	Other (Income)/expenses	(40,580)	(165,572)	(24,998)	(42,105)	(103,073)	(103,073)	0.00%								42,105	0.00%	
3500	Contribution from Operating Reserves							0.00%										0.00%
9920	Other Expenses (Toilet Program Costs, Other Income)							0.00%										0.00%
9950	Election Costs		1,887		250,000	1,887	1,887	0.00%								(250,000)	0.00%	
9970	Rebate Program							0.00%										0.00%
	TOTAL OTHER EXPENSES	\$ 3,440,331	\$ 3,533,334	\$ 4,192,266	\$ 3,845,099	\$ 2,682,524	\$ 3,432,325	-10.74%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,646,994	\$ 3,646,994	\$ (198,105)	-5.15%	

TOTAL EXPENDITURES

\$ 13,780,287	\$ 16,520,533	\$ 13,203,985	\$ 17,887,889	\$ 12,126,962	\$ 16,972,166	-5.12%	\$ 7,380,020	\$ 365,739	\$ 599,893	\$ 508,004	\$ 306,528	\$ 1,246,302	\$ 8,085,398	\$ 18,491,883	\$ 603,994	3.38%
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DISTRICT REVENUES IN EXCESS OF EXPENDITURES

\$ 2,638,084	\$ 145,534	\$ 2,826,332	\$ (2,014,504)	\$ (178,600)	\$ (804,883)	-60.05%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,095,178)	\$ (80,675)	-4.00%
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OFFICE OF THE GENERAL MANAGER

The General Manager superintends the District, ensuring that the policies and directives of the Board of Directors are carried out as assigned. The General Manager leads the entire staff with a subset of managers informally called the Leadership Team.

FY 2022-23 ACCOMPLISHMENTS

- Completed the District's new Administration Building on time and under budget.
- Completed a Water Rate Study to develop water rates for calendar years 2024-28.
- Engaged a Community Advisory Committee of 10 customers to help guide the Water Rate Study.
- Conducted an independent District-wide compensation study.
- Established and implemented a District-wide Exceptional Customer Service Program.
- Explored groundwater sustainability projects through partnerships.
- Developed a Well Replacement plan based on the findings of the Well Siting and Design Study.
- Proactively managed water conservation in our District.

FY 2023-24 GOALS AND OBJECTIVES

GENERAL OBJECTIVES

- Provide leadership to ensure that the District overall mission and values are accomplished.
- Provide the Board of Directors with timely support and information.
- Ensure that all water facilities and programs are operated in compliance with all applicable standards.
- Promote continued innovation and creativity in providing services in a more effective and cost-efficient manner.
- Maintain effective long-term financial and operational plans.
- Implement sound fiscal policies, budgets, and controls.
- Maintain effective coordination, cooperation, and communication with local governments, State and Federal agencies and continue involvement in civic, professional and community affairs.
- Motivate employees and encourage teamwork throughout the organization.

Specific Key Objectives

- Implement an upgrade to the District's financial and enterprise resource planning (ERP) system.
- Improve the customer's ability to manage their accounts online.
- Retain a new District General Counsel.

- Complete an update to the District’s Employee Policy Manual.
- Review the District’s contribution to employee medical premiums.
- Complete unidirectional flushing of Service Area 1.
- Apply for an Advanced Metering Infrastructure (AMI) grant.
- Pursue groundwater recharge projects that benefit the EGWD ratepayers

FY 2023-24 PERFORMANCE MEASURES

MEASURE	2022 ACTUAL	2023 TARGET	2023 ESTIMATE	2024 TARGET
<i># OF EMPLOYEE CHECK-IN SESSIONS</i>	30	36	48	36
<i># OF BOARD MEMBER CHECK-IN SESSIONS</i>	16	18	18	18
<i># OF ON-SITE DISTRICT JOB VISITS</i>	26	39	41	39
<i># OF CITY COORDINATED MEETINGS</i>	3	3	3	4
<i># OF OUTSIDE AGENCY COORDINATION MEEINGS</i>	12	12	36	24

HUMAN RESOURCES

The Human Resource Department is responsible for handling confidential personnel matters, including recruitment, hiring, training and development, policy development and compliance and employee benefits. The Human Resources Department makes certain that employee matters are handled fairly, equitably and without discrimination according to District policies and state and federal regulations.

FY 2022-23 ACCOMPLISHMENTS

- Facilitated Administration and Technical Services Divisions move to the new administration building.
- Orchestrated a grand opening for the new administration building.
- Completed the independent District-wide salary and compensation study.
- Implemented the HRMS Employee Self-Service portal.
- Developed standard operating procedures for Board Secretary and Human Resources duties.

FY 2023-24 GOALS AND OBJECTIVES

- Complete an update to the District’s Employee Policy Manual.
- Review the District’s contribution to employee medical premiums.
- Develop a plan to convert to a digital hiring process and on-boarding.
- Convert personnel documentation to digital format where possible.
- Cross-train within the Human Resources Department.
- Develop standard operating procedures for Board Secretary and Human Resources duties.
- Complete the review of staffing requirements and conduct the recruitment of qualified candidates for vacant positions.

FY 2023-24 PERFORMANCE MEASURES

MEASURE	2022 ACTUAL	2023 TARGET	2023 ESTIMATE	2024 TARGET
<i># OF BOARD/COMMITTEE MEETINGS SCHEDULED</i>	16	20	18	16
<i># OF STAFF REPORTS REVIEWED</i>	168	220	170	175
<i># OF BOARD/COMMITTEE PACKETS ASSEMBLED</i>	15	25	16	17
<i># OF FORM 700 RECEIVED AND FILED</i>	17	15	15	15
<i># BOARD MEMBER ORIENTATION</i>	0	3	0	3

<i># BOARD MEMBERS PARTICIPATED IN REQUIRED TRAINING</i>	5	5	5	5
<i># PUBLIC RECORD REQUESTS RESPONDED TO</i>	1	2	1	2
<i># OF RECRUITMENTS CONDUCTED</i>	4	1	0	1
<i># NEW EMPLOYEES HIRED</i>	2	1	0	1
<i># EMPLOYEE ON-BOARDING AND ORIENTATIONS CONDUCTED</i>	2	1	0	1
<i># EMPLOYEES PROMOTED</i>	1	5	2	4
<i># EMPLOYEE REQUIRED TRAINING SESSIONS</i>	2	0	2	0
<i># EMPLOYEES PARTICIPATED IN WELLNESS PROGRAM</i>	10	13	0	13

PROGRAM MANAGER

The Program Manager manages special programs and projects as assigned by the General Manager, including water conservation, safety, legislative tracking and lobbying, grant acquisition, and public information and outreach.

FY 2022-23 ACCOMPLISHMENTS

- Led the District-wide Exceptional Customer Service Program.
- Upgraded the District’s Asset Management Program software.
- Facilitated an emergency response plan tabletop exercise involving a major transmission main leak.
- Continued performing customer outreach to achieve water conservation in alignment with State goals.
- Maintained a comprehensive safety program designed to reduce risk and comply with all regulatory requirements.
- Coordinated ride along and field visits for District administration staff.
- Updated District water demand model.
- Refreshed the District’s lock out/tag out safety program.

FY 2023-24 GOALS AND OBJECTIVES

- Track and monitor State Water Resource Control Board Conservation Regulations and ensure District compliance with targets.
- Continue the District-wide Exceptional Customer Service Program.
- Coordinate with RWA on regional water education program.
- Track and monitor legislation that may impact District operations in coordination with CSDA, RWA and ACWA.
- Submit a WaterSMART grant application for Advanced Metering Infrastructure (AMI).
- Update District website to include staff profiles.

FY 2023-24 PERFORMANCE MEASURES

MEASURE	2022 ACTUAL	2023 TARGET	2023 ESTIMATE	2024 TARGET
<i># OF SAFETY MEETINGS</i>	22	26	30	26
<i># OF WATER DROP NEWSLETTERS PUBLISHED</i>	3	3	3	3
<i>NUMBER OF BILL INSERTS DISTRIBUTED</i>	7	6	6	6

FINANCE AND ADMINISTRATIVE

The Finance Department is responsible for maintaining fiscal stability in a manner consistent with generally accepted accounting principles and statutory requirements. Included in the Financial Department's duties are: customer service, accounts payable, billing and accounts receivable, general ledger maintenance, capital assets records, investment activity, accounting, budget development and monitoring, development of cash flow models, debt service, revenue and expenditure forecasting, payroll, financial reporting and coordination with external financial audits. Finance also oversees the general and administrative functions of the District and its administrative building, including purchasing/procurement management, risk management, equipment rent, supplies and building maintenance.

FY 2022-23 ACCOMPLISHMENTS

- Completed a water rate and connection fee study to develop water rates for calendar year 2024-2028.
- Completed a cost and feasibility analysis for outsourcing customer payments through lockbox.
- Completed the implementation and rollout of the electronic timecard.
- Implemented process improvements to the District's shutoff process, including the ability to turn on water services after hours and on weekends.
- Implemented Express Payment Portal to provide customers with additional payment options.
- Completed an updated cost assessment to determine the financial viability of implementing a new Enterprise Resource Planning system in FY 2023-24.
- Completed the implementation of customer ACH draft payments through the use of debit and credit cards.
- Completed the implementation of a new fuel card program to provide District staff with a reliable fuel source while maintaining proper internal controls to mitigate the risk of fraud or misappropriation of District assets.
- Achieved the GFOA Certificate of Excellence in Financial Reporting for the 14th consecutive year.
- Achieved the GFOA Distinguished Budget Presentation Award for the 4th consecutive year.

FY 2023-24 GOALS AND OBJECTIVES

- Complete the re-certification of the District for the Special District Leadership Foundation District Transparency Certificate of Excellence.
- Complete the solicitation for and implementation of a new Enterprise Resources Planning (ERP) system for the District.
- Develop standard operating procedures (SOP's) covering the payroll process and accounts payable process.

- Complete a cost and feasibility analysis on the implementation of electronic imaging and filing of accounts payable invoices.

FY 2023-24 PERFORMANCE MEASURES

MEASURE	2022 ACTUAL	2023 TARGET	2023 ESTIMATE	2024 TARGET
<i># OF ACCOUNTS PAYABLE CHECKS ISSUED</i>	2099	2200	2106	2200
<i># OF PAYROLLS COMPLETED ON TIME</i>	26	26	26	26
<i># OF NEW ACCOUNTS OPENED</i>	981	900	684	800
<i># OF CUSTOMER REFUNDS ISSUED</i>	568	600	587	600
<i># OF CUSTOMERS RECEIVING PAPERLESS BILLS</i>	2302	2725	2721	2961

TECHNICAL SERVICES

The Technical Services Department provides planning, engineering, construction management, Operations technical support, and district-wide geographic information system (GIS) services. Technical Services Department is also responsible for developing and administering the District’s capital improvement program.

FY 2022-23 ACCOMPLISHMENTS

- Completed approximately 85 percent of the CIP projects identified in the FY 2022-23 CIP budget.
- Improved GIS mapping products to improve field staff efficiency in accessing record drawings while in the field.
- Continued updating the District’s Standard Construction Detail Drawings.
- Developed digital well checking program and informational web-tools utilizing GIS software applications, improving field staff efficiency.
- Re-organized commercial meter reading route to make more efficient use of operators’ time when reading the route.

FY 2023-24 GOALS AND OBJECTIVES

- Perform the technical work behind the District’s capital improvement program.
- Develop improvement plans for the District’s water main replacement program.
- Finalize the District’s standard construction Detail drawings and the District’s Standard Construction Specifications.
- Develop a transmission main valve exercising plan.
- Complete a risk assessment of water system infrastructure serving and adjacent to critical facilities (schools, hospitals, etc.)
- Facilitate unidirectional flushing operations.
- Represent the District’s interest with developer-installed water system infrastructure.

FY 2023-24 PERFORMANCE MEASURES

MEASURE	2022 ACTUAL	2023 TARGET	2023 ESTIMATE	2024 TARGET
<i>% OF PROJECTS COMPLETED IN ANNUAL CIP</i>	85%	100%	90%	100%
<i>% OF PROJECTS COMPLETED UNDER BUDGET</i>	50%	100%	80%	100%
<i>% OF SUCCESSFUL RESPONSES TO OUTSIDE INFORMATION REQUESTS</i>	100%	100%	100%	100%
<i># OF MONTHLY OPERATIONS REPORTS COMPLETED ON TIME</i>	12	12	12	12

INFORMATION TECHNOLOGY

The District does not have a formal Information Technology (IT) department or staff but considers the operations of IT to be an essential function. The District contracts its Information Technology (IT) services to an IT Professional that reports to the General Manager, who is responsible for information services, including development and support of computers and software, information network, program development, office telecommunications, office security, and office systems. All hardware and software IT costs are budgeted for and directly charged to each department based on actual costs for equipment and software. Contract costs are budgeted for and paid out of the Administrative Budget, as such, there are no expenditures to report for Information Technology.

FY 2022-23 ACCOMPLISHMENTS

- Installed 6,809 security patches to servers and systems.
- Maintained and patched all user software as needed to keep systems operating at peak efficiency. Server system uptime (24x7x365) averaged 98.992% uptime (a total downtime of 7 hours, 15 minutes, 27 seconds per month over all servers and systems and services; this accounts for downtime to patch/reboot systems during off-hours).
- Completed and closed out 10,207 help desk tickets.
- Completed a security scan of all the district's network assets for twelve consecutive months and fixed any major flaws found. Vulnerabilities found, patched, or fixed reduced by 16.07%.
- Implemented all recommendations made by Technology Crest after their cyber security review/audit of the District's Information Technology Systems.
- Worked with Consolidated Communications and implemented an entirely new internet-based phone system for the entire district.
- Got the new administrative offices fully wired for data, and all IT equipment set up and functioning in the new building.
- Assisted with the grand opening of the new administrative building.
- Deployed new Disaster Recovery Servers.
- Automated Non-Windows Server Patching and software updates.

FY 2023-24 GOALS AND OBJECTIVES

- Set up automated disaster recovery response and test response systems to test the effectiveness of the server and system backups.
- Reduce the outstanding cyber security vulnerabilities (High and Medium) to below 40.
- Migrate all Server systems whose operating systems will be discontinued this fiscal year to new operating system versions (about 30 systems).
- Set up a Backup System for all camera systems at the district.
- Upgrade SCADA Wonderware Software to the latest version.

- Implement a solution to allow continued use of Win911 to make phone calls to alert the Treatment Team to any alarms.

FY 2023-24 PERFORMANCE MEASURES

MEASURE	2022 ACTUAL	2023 TARGET	2023 ESTIMATE	2024 TARGET
<i>SYSTEM UPTIME (MONTHLY AVERAGE)</i>	99.214%	99.3%	99.0%	99.4%
<i>HELP DESK TICKETS CLOSED</i>	9500	10,000	11,000	11300
<i>OUTSTANDING CYBER SECURITY VILNERABILITIES</i>	92	80	79	39

OPERATIONS

The Operations Department, overseen by the General Manager, consists of the Treatment, Distribution, and Utility Divisions. The purpose of the Operations Department is to operate and maintain all facilities in a manner that safeguards public and employee health, complies with all regulatory requirements, and ensures outstanding customer service. The Operations Department is also responsible for the delivery of water to District customers as well as operating and maintaining the District's pipelines and facilities. This department includes the functions of water quality, system maintenance, planning, operations, inspection, and safety.

TREATMENT DIVISION

The Treatment Division oversees the operation and maintenance of the District's water supply and treatment facilities to ensure safe and reliable water supplies to ratepayers. Responsibilities of the Treatment Division include maintaining strict compliance with all state and federal regulatory agencies with the intent of safeguarding public health and the environment; managing all water quality sampling and reporting to local, state and federal agencies; and maintaining water production and equipment maintenance records and reports

DISTRIBUTION DIVISION

The Distribution Division oversees the operation and maintenance of the District's water distribution facilities to ensure the reliable and safe distribution of water to ratepayers. Responsibilities of the Distribution Division include maintenance of 1,610 fire hydrants to ensure reliable fire flows during emergencies; and maintenance and exercising of 1,843 valves to ensure that every valve is checked and exercised every three years. The Distribution Division also conducts monthly meter readings, responds to all customer service requests, performs corrective maintenance, repairs leaks that occur in the water distribution system, and facilitates the District's backflow/cross-connection program.

UTILITY DIVISION

The Utility Division oversees the implementation of the capital improvement program for the District's water system. Responsibilities of the Utility Division are to replace the District's aging water mains on a pay-as-you-go basis.

FY 2022-23 ACCOMPLISHMENTS

- Installed 3,000 linear feet of new water main pipeline as part of the District's ongoing water main replacement program.
- Completed over 900 water quality samples on raw and treated water throughout the system and performed per- and polyfluoroalkyl substances (PFAS) sampling per state general order.
- Completed the Railroad Water Treatment Plant Filter Media Replacement project.

- Conducted the District’s ongoing valve exercising and hydrant maintenance program.
- Became proficient with the new cold planer to restore small areas of damaged pavement.
- Developed standard operating procedures for Operation’s activities.

FY 2023-24 GOALS AND OBJECTIVES

- Install 3,100 linear feet of new water main pipeline.
- Complete unidirectional flushing of Service Area 1.
- Complete PFAS sampling of all District water wells, exceeding state-mandated requirements.
- Perform valve exercising of transmission main valves.
- Perform all scheduled preventative maintenance activities.

FY 2023-24 PERFORMANCE MEASURES

MEASURE	2022 ACTUAL	2023 TARGET	2023 ESTIMATE	2024 TARGET
<i>LINEAR FEET OF NEW WATERMAIN INSTALLED</i>	3200	3100	3000	3100
<i># OF WATER DISTRIBUTION VALVES EXERCISED</i>	1524	1524	1524	1524
<i># OF WATER DISTRIBUTION HYDRANTS EXERCISED</i>	552	552	552	552
<i># OF WEEKS PREVENTATIVE MAINTENANCE PROGRAM FOR WATER TREATMENT PLANTS FULLY COMPLETED</i>	52	52	52	52

FLORIN RESOURCE
CONSERVATION DISTRICT/ELK
GROVE WATER DISTRICT
FISCAL YEAR 2023-24
OPERATING BUDGET

APRIL 18, 2023

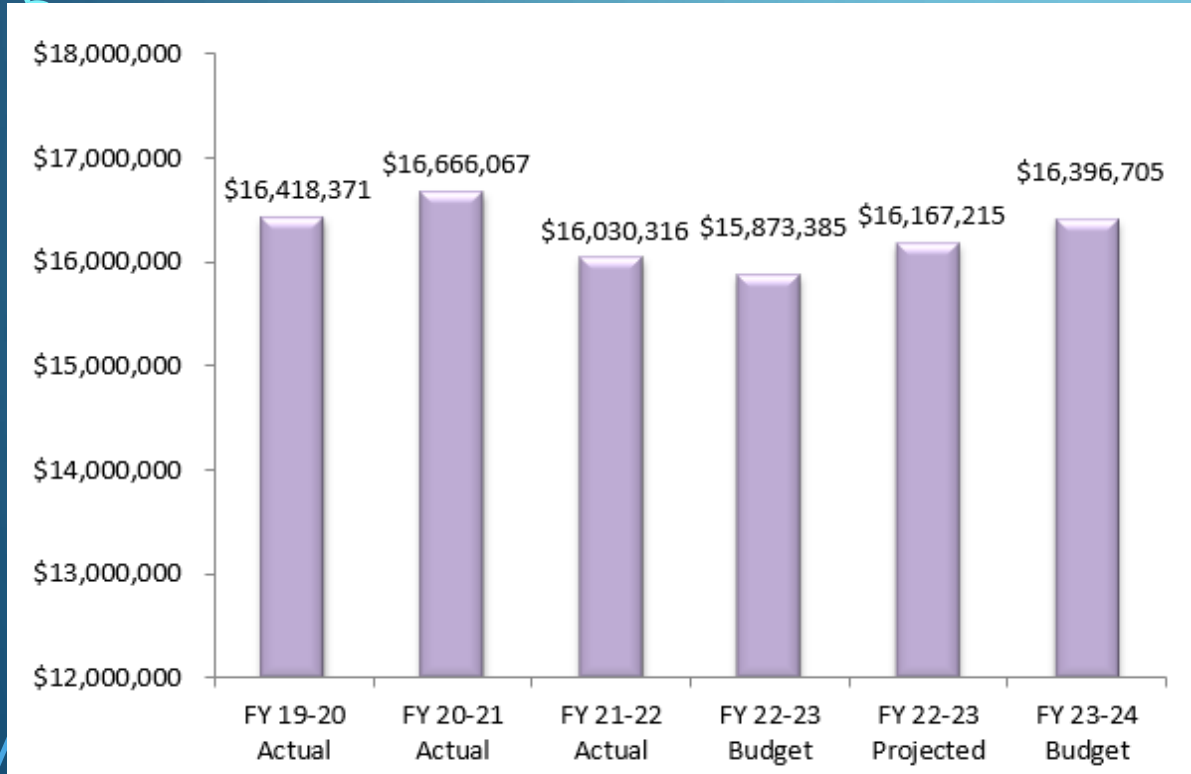


FY 2023-24 REVENUE PROJECTIONS

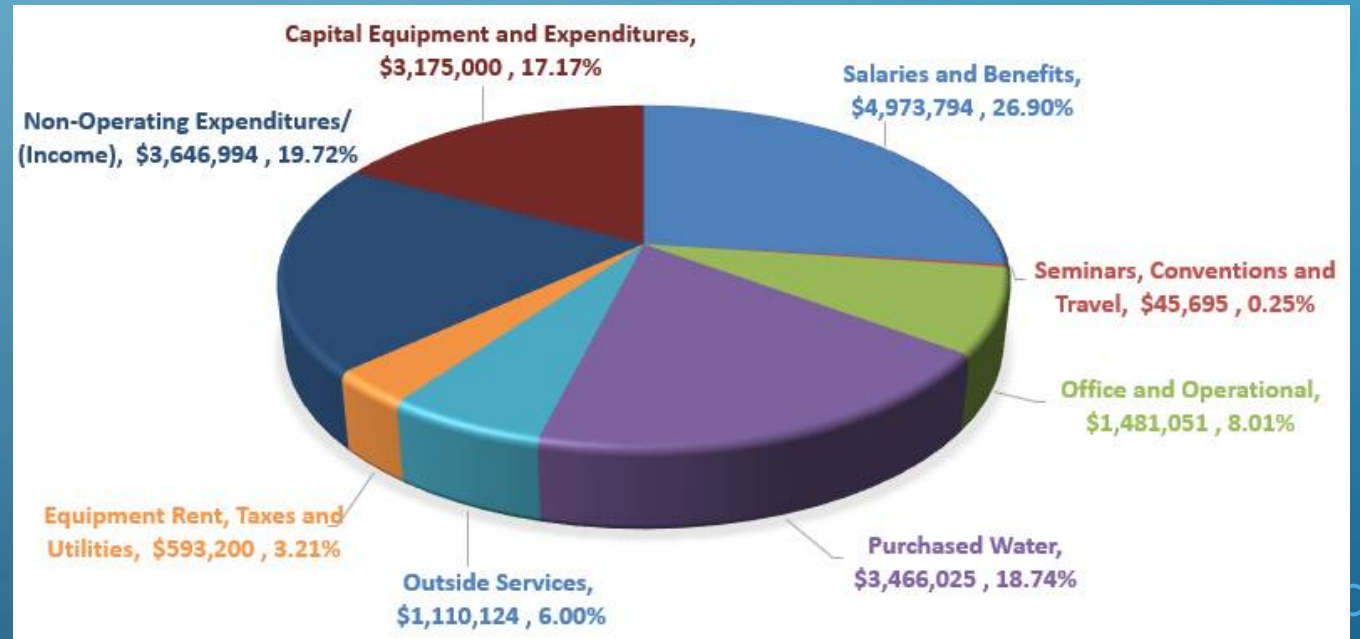
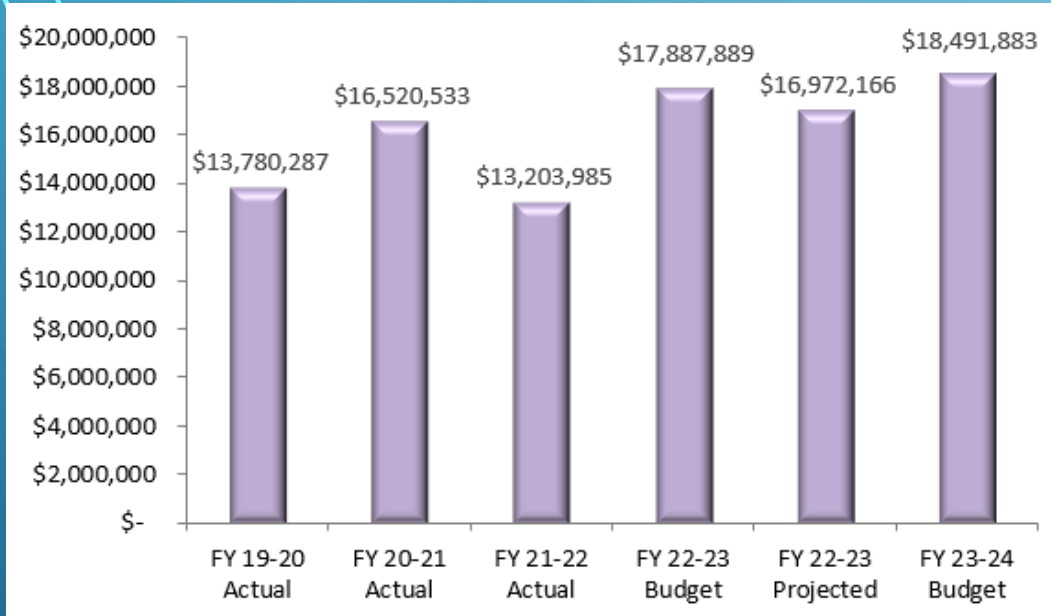
▶ \$523,319 or (3.30%) increase over PY budget

▶ ASSUMPTIONS

- A 4.5% revenue rate adjustment effective January 1, 2024. This revenue rate adjustment is pending approval from the Board and subject to the receipt and consideration of any protests and comments before and during a public hearing in compliance with Proposition 218.
- Consumption levels calculated based on an analysis using historical demand averages to determine “normal year usage” conditions, taking into consideration current weather conditions and the requirement for conservation.
- An increase in the number of accounts based on the review of development projects in the District’s service area and a projection of the number of units to be fully built within the fiscal year.
- A 5.0% contingency factor that decreases residential consumption revenue due to the unknown nature of usage conditions for FY 2023-24.



FY 2023-24 EXPENSE PROJECTIONS

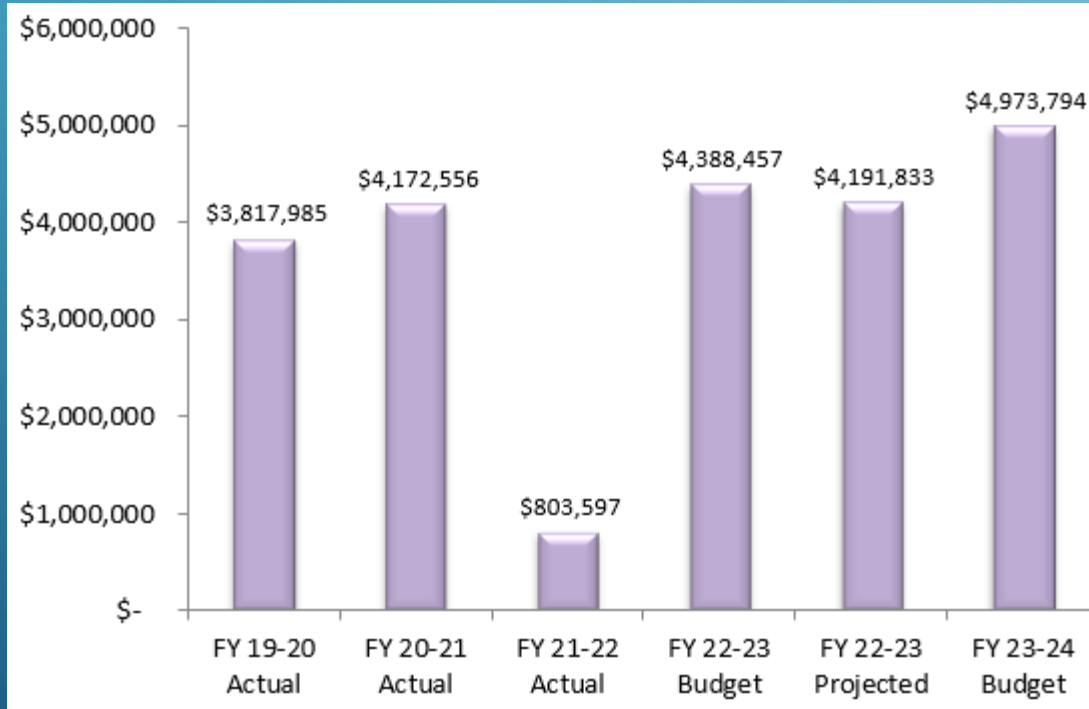


FY 2023-24 SALARIES AND BENEFITS

▶ \$562,361 or (11.60%) increase over PY budget

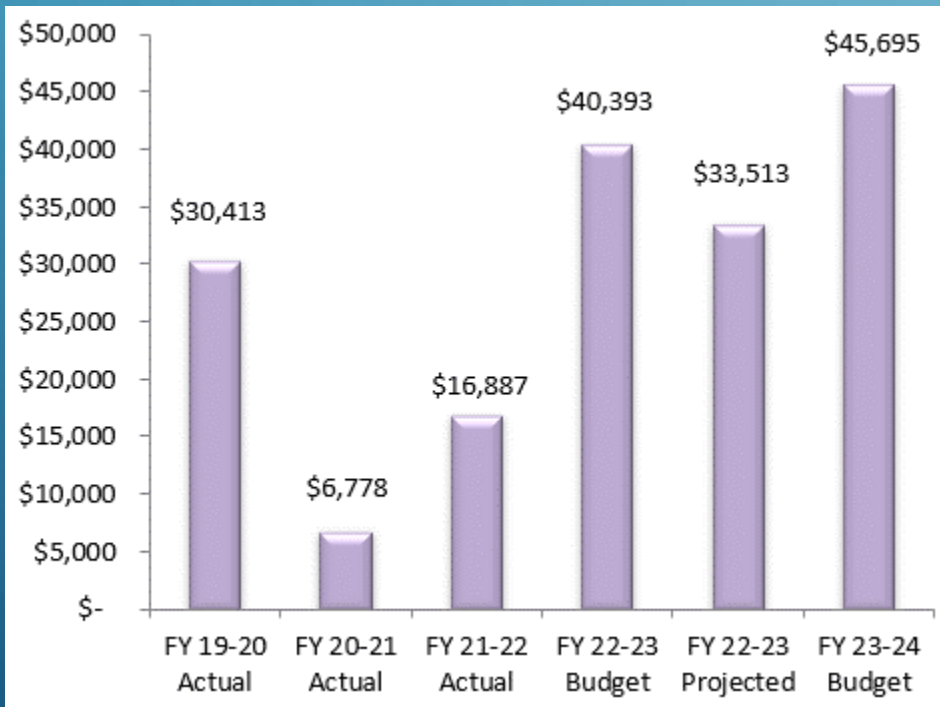
▶ ASSUMPTIONS

- An update to the District's salary schedule based on the results of the District's 2023 Compensation Study Report as accepted and filed by the Board on March 21, 2023.
- Merit increases and promotions for eligible employees.
- An estimated 6.0% to 15.0% increase in medical premiums depending on medical plans for employees who have not yet reached the medical subsidy cap. An estimated 2.0% increase for all employees who have met the District's medical subsidy cap.
- An estimated 5.0% COLA increase based on the February CPI-U for the average of the U.S. City Average, West and San Francisco index of 5.63%.



In FY 2021-22, the District recognized a \$2.6 million pension income related to its retirement plan at CalPERS as a result of high investment earnings.

FY 2023-24 SEMINARS, CONVENTIONS AND TRAVEL

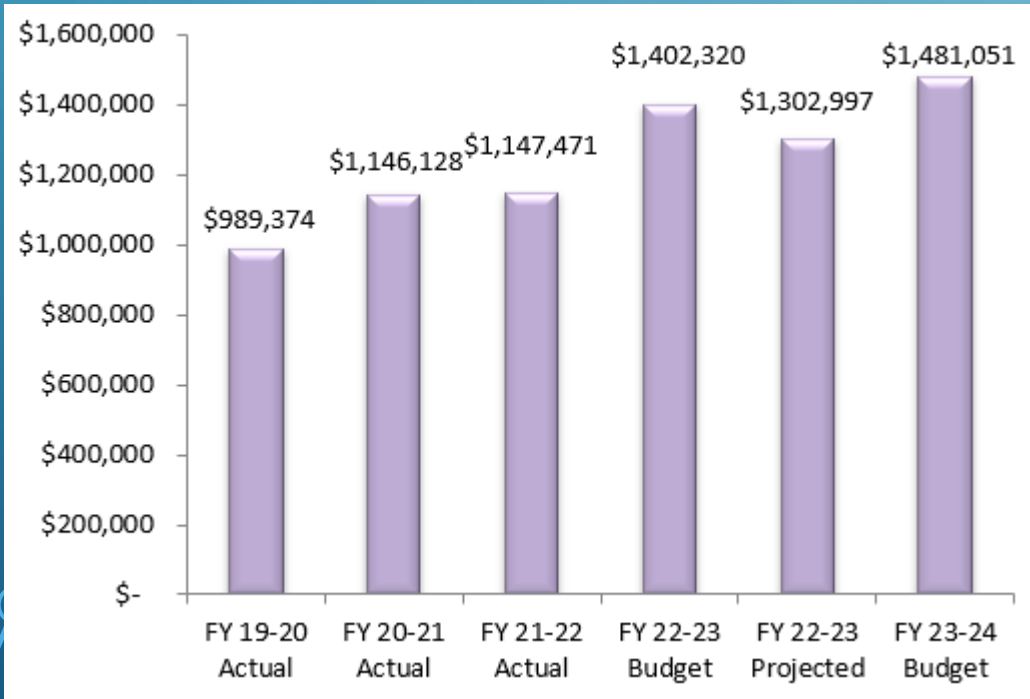


▶ \$5,302 or (13.13%) increase over PY budget

▶ ASSUMPTIONS

- 1 additional Board member attending the ACWA Conferences in FY 23-24
- All other Travel remaining static

FY 2023-24 OFFICE AND OPERATIONAL



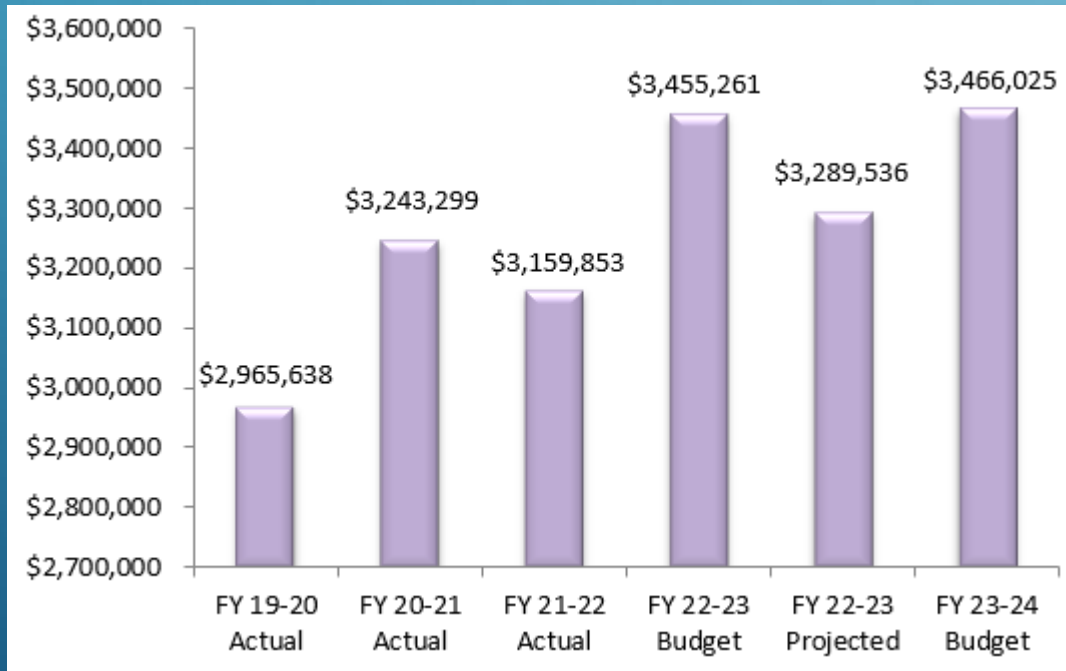
▶ \$78,731 or (5.61%) increase over PY budget

▶ ASSUMPTIONS

- An increase in insurance premiums of \$28,500 as projected by JPIA for all programs.
- An increase in non-CIP related Materials of \$68,150 (71.74%) due to an increase in the cost of materials due to inflation.
- A decrease in Meters of \$36,000 (-108.58%) due to an increased number of meters in inventory from prior year purchases due to anticipated supply chain issues.

FY 2023-24 PURCHASED WATER

▶ \$10,765 or (0.31%) increase over PY Budget

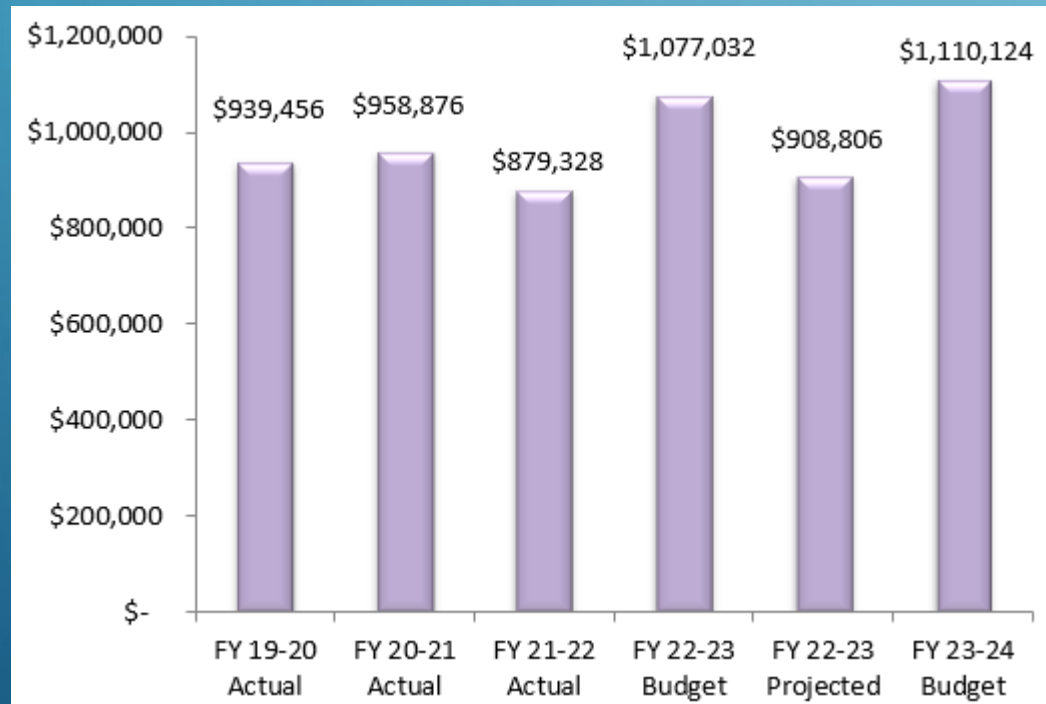


▶ ASSUMPTIONS

- An estimated 2.40% rate increase in the wholesale water rate as provided by the SCWA.
- Consumption levels calculated based on an analysis using historical demand averages to determine “normal year usage” conditions, taking into consideration current weather conditions the requirement for conservation.
- An increase in the number of accounts based on the review of development projects in the District’s service area and a projection of the number of units to be fully built within the fiscal year.

FY 2023-24 OUTSIDE SERVICES

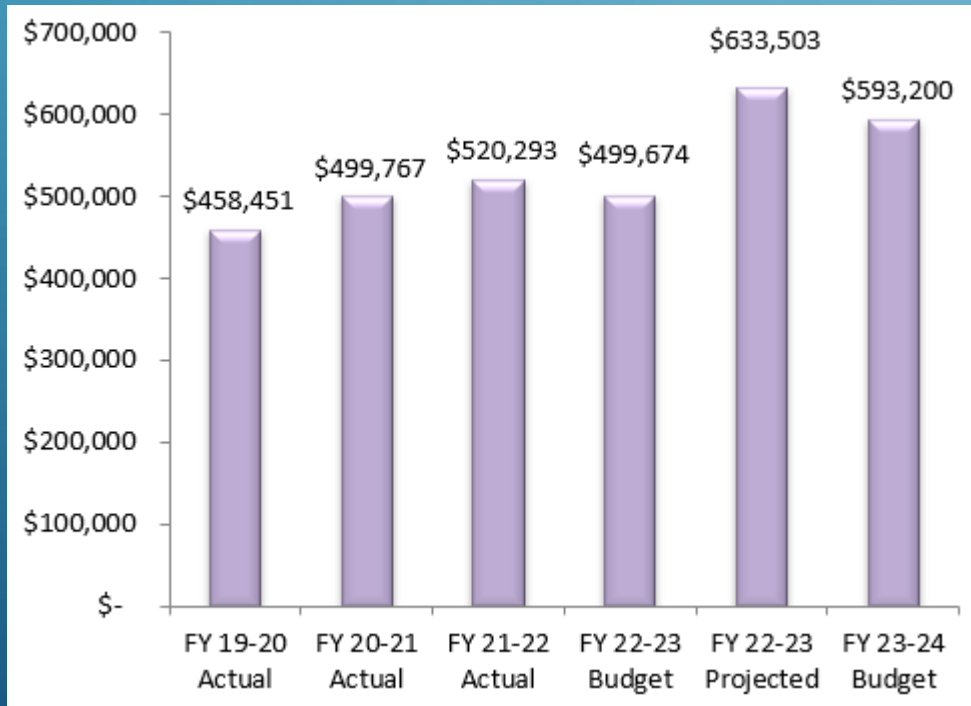
▶ \$33,092 or (3.07%) increase over PY budget



▶ ASSUMPTIONS

- An increase in banking charges of \$25,200 (13.58%) due to the District anticipating an increase in the number of customers who will be utilizing recurring credit card payment option now available.
- An increase in Legal Services of \$75,000 (51.72%) due to the District retaining new general counsel services starting in FY 2024.
- A decrease in contracted services of \$54,544 (-10.81%) due to the completion of the 2023 Compensation Study and the 2024-2028 Water Rate and Connection Fee Study in FY 2023.

FY 2023-24 EQUIPMENT RENT, TAXES AND UTILITIES



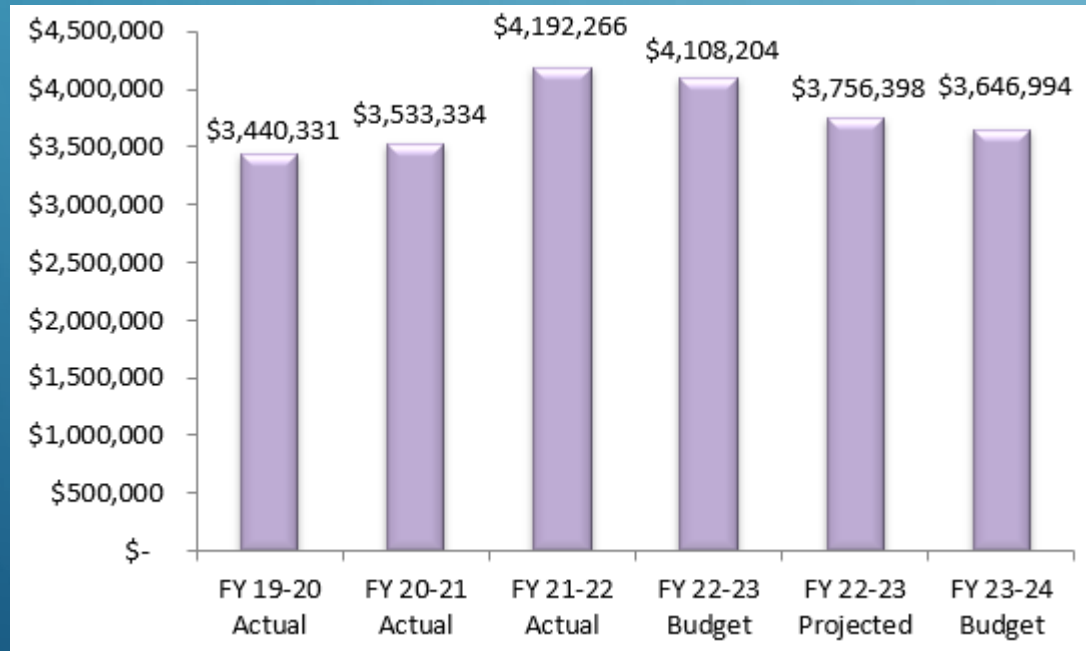
▶ \$93,526 or (18.72%) increase over PY budget

▶ ASSUMPTIONS

- An increase in the cost of electricity used for pumping. Overall, SMUD electricity rate increased year over year by 29.10%.

FY 2023-24 NON-OPERATING EXPENSES AND INCOME

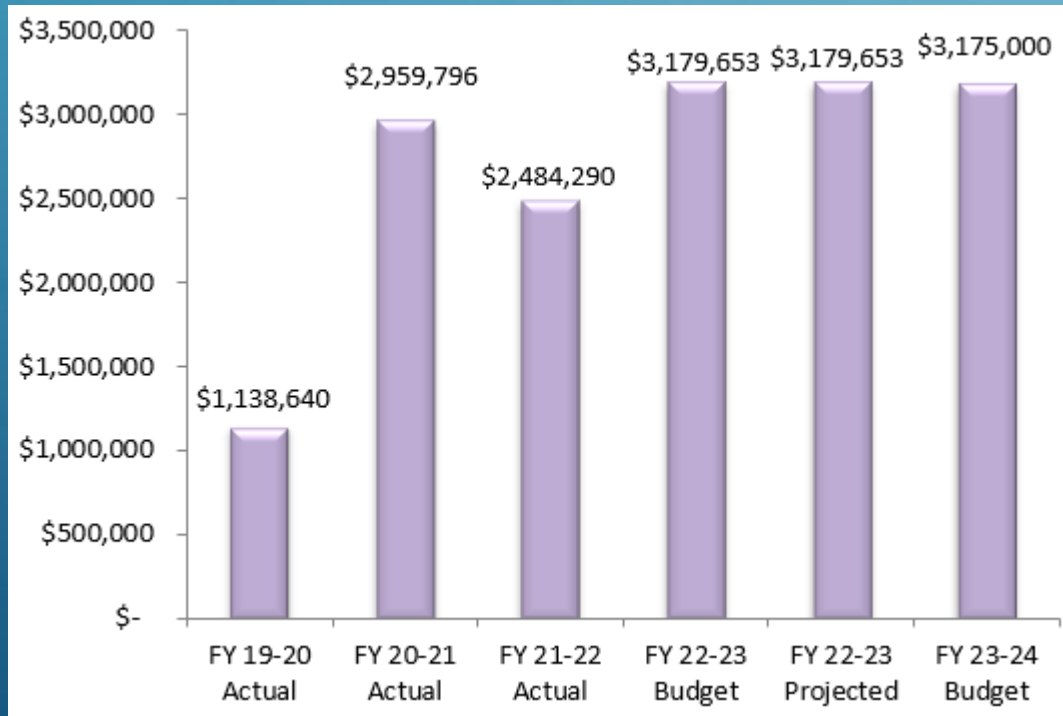
▶ \$198,105 decrease (-5.15%) over PY budget



▶ ASSUMPTIONS

- No elections costs in FY 2023-24.
- Decrease in interest earnings due to bond market recession.
- Debt service payments based on bond amortization schedules.
- \$215,000 in ARPA Grant Funds from the City of Elk Grove for Locust Street/Elk Grove Blvd Alley Water Main Project in FY 2024.

FY 2023-24 CAPITAL IMPROVEMENT FUNDING



▶ \$4,653 decrease (0.15%)

▶ ASSUMPTIONS

- Based on 2024-28 CIP
- Capitalization of approximately \$436K in Utility Division salaries

FY 2023-24 PROPOSED BUDGET SUMMARY

**Elk Grove Water District
Budgeted Revenues and Expenditures by Category
For the Fiscal Year ending June 30, 2024**

<u>Expenditure</u>	<u>FY 2023-24 Budget</u>
Total Operating Revenues	\$ 16,396,705
Total Operating Expenditures	12,106,003
Less: Capitalized Labor	<u>(436,113)</u>
Net Operating Expenses	11,669,889
Net Operating Income	<u>\$ 4,726,815</u>
Non-Operating Expenditures/ (Income)	3,646,994
Capital Equipment and Expenditures	<u>3,175,000</u>
Revenues In Excess of Expenditures, Principal Retirement and Capitalized Labor	<u>\$ (2,095,178)</u>
Transfers (to)/from Reserves	<u>2,095,178</u>
Net Budget Excess/(Deficiency)	<u>\$ -</u>

	<u>Required</u>	<u>Proposed</u>
Debt Covenant Ratio	1.15	1.22
Net Income	\$ 4,726,815	
Total Debt Service	\$ 3,886,994	

FY 2023-24 SPECIFIC KEY OBJECTIVES

- Implement an upgrade to the District's financial and enterprise resource planning (ERP) system.
- Improve the customer's ability to manage their accounts online.
- Retain a new District General Counsel.
- Complete an update to the District's Employee Policy Manual.
- Review the District's contribution to employee medical premiums.
- Complete unidirectional flushing of Service Area 1.
- Apply for an Advanced Metering Infrastructure (AMI) grant.
- Pursue groundwater recharge projects that benefit the EGWD ratepayers

April 18, 2023

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Travis Franklin, Program Manager
SUBJECT: **EXCEPTIONAL CUSTOMER SERVICE PROGRAM**

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

Staff will provide the Florin Resource Conservation District (FRCD) Board of Directors (Board) with an update about the Exceptional Customer Service Program.

DISCUSSION

Background

Every year, staff develop fiscal year goals and objectives for the FRCD/Elk Grove Water District (District). A key objective for Fiscal Year 2022-2023 was to establish and implement a district-wide Exceptional Customer Service Program.

Present Situation

The Exceptional Customer Service Program kicked off with a survey sent to customers, employees, and board members. The customer survey was focused on defining exceptional customer service and understanding how our customers interact with the District. Fifty-nine (59) customers completed the survey.

- Survey respondents defined exceptional customer service as staff who are friendly, knowledgeable, and professional; who return customers' inquiries promptly; who treat customers as staff themselves would want to be treated; and who do more than just the minimum.
- Fifty percent of the responses identified that in a water emergency, they would visit the District's website for information.
- Forty-five percent of the respondents noted that they had called the District at least once. Most of the calls were for the purpose of reporting a leak or to pay their bill, noting that it was easier to call than use the District's online tools.

EXCEPTIONAL CUSTOMER SERVICE PROGRAM

Page 2

- About one-third of the respondents have interacted with our field crews to ask various questions or just to say hello.
- The final question in the survey asked how satisfied customers are with the District, to which eighty-one percent responded that they were either somewhat satisfied or more satisfied with the District's customer service.

The survey sent to employees and board members asked how to define exceptional customer service. The survey also asked how the District can provide exceptional customer service to external customers as well as to each other within the organization.

An important part of exceptional customer service is how staff communicates internally within the District. To help with internal communications, staff organized a speed chatting event where pairs of staff chatted for seven-minutes before moving on to the next pairing. The purpose behind the event was for staff to get to know each other better. All District staff participated, and the team-building event was a resounding success. Staff plan to hold another speed chatting event to pair together those that did not get a chance to chat with each other.

Training is an important aspect of continuing to maintain exceptional customer service. Using SkillPath virtual seminars, all District staff will receive de-escalation technique training. This course goes over what happens when conflicts escalate, the role staff plays in de-escalating conflict, and the importance of setting boundaries to prevent conflict.

Lastly, District staff met in small groups to discuss customer service. The groups discussed the survey results and what the results mean. The groups discussed how to provide exceptional customer service even on the worst days and discussed ways to provide exceptional customer service to each other internally. The biggest take away from the group discussions is that an exceptional customer service program doesn't have an end point. It is an ongoing program that must live and evolve over time to ensure the District continues to be known for its high level of customer service.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item complies with the District's Community Relations goals of the 2020-2025 Strategic Plan.

April 18, 2023

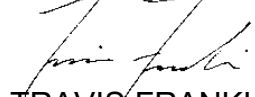
EXCEPTIONAL CUSTOMER SERVICE PROGRAM

Page 3

FINANCIAL SUMMARY

There is no direct financial impact associated with this report.

Respectfully submitted,



TRAVIS FRANKLIN
PROGRAM MANAGER

April 18, 2023

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 2023 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 following bills have been introduced in the 2023 legislative session that could potentially impact the District if passed in their current form:

AB 30 (Ward D) Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program.

This bill will rename an existing Atmospheric Rivers research program from the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program to the Atmospheric Rivers Research and Forecast Improvement Program: Enabling Climate Adaptation Through Forecast-Informed Reservoir Operations and Hazard Resiliency (AR/FIRO) Program, and make various changes to the program, as specified. This bill changes the research directive of the Department of Water Resources (DWR): The department shall research, develop, and implement new observations, prediction models, novel forecasting methods, and tailored decision support systems to improve predictions of atmospheric rivers and their impacts on water supply, flooding, post-wildfire debris flows, and environmental conditions.

LEGISLATIVE MATTERS AND POTENTIAL DIRECTION TO STAFF

Page 2

Regional Water Authority (RWA) and the California Special Districts Association (CSDA) have taken a support position.

AB 249 (Holden D) Water: school sites: lead testing: conservation.

This bill would require a community water system that serves a school site to test for lead in the potable water system outlets of the school site before January 1, 2027, except for potable water system outlets in buildings that were either constructed after January 1, 2010, or modernized after January 1, 2010, and all faucets and other end point devices used for providing potable water were replaced as part of the modernization. The bill would require the community water system to report its findings to the applicable school or local educational agency and to the State Water Resources Control Board (SWRCB). The bill would require the local educational agency or school, if the lead level exceeds a specified level at a school site, to notify the parents and guardians of the pupils who attend the school site or preschool, take immediate steps to make inoperable and shut down from use all fountains and faucets where the excess lead levels may exist, and work with the school sites under its jurisdiction to ensure that a potable source of drinking water is provided for pupils, as specified. The bill would require a community water system to prepare a sampling plan for each school site where lead sampling is required under these provisions. The bill would require the state board to make the results of school site lead sampling publicly available by posting the results on its internet website. CSDA has taken an oppose position.

AB 460 (Bauer-Kahan D) State Water Resources Control Board: interim relief.

This bill authorizes the SWRCB to issue an interim relief order in appropriate circumstances, after notice and an opportunity for a hearing, in adjudicative proceedings to apply or enforce any of the following:

- (1) Section 2 of Article X of the California Constitution.
- (2) The public trust doctrine.
- (3) Water quality objectives or principals and guidelines adopted under subdivision (b) of Section 13142, Section 13149, Section 13170, or 13241.
- (4) The requirements set forth in permits, licenses, certificates, and registrations issued under Part 2 (commencing with Section 1200), including actions that invoke the board's reserved jurisdiction or continuing authority.
- (5) Section 5937 of the Fish and Game Code.

The Association of California Water Agencies (ACWA) has taken the oppose position. RWA has taken an oppose unless amended position.

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AB 560 (Bennett D) Sustainable Groundwater Management Act: groundwater adjudication.

This bill would require the court to refer a proposed judgment in specified adjudication proceedings to the SWRCB for an advisory determination as to whether the proposed judgment will substantially impair the ability of a groundwater sustainability agency, the SWRCB, or the Department of Water Resources (DWR) to comply with the act and to achieve sustainable groundwater management. RWA has taken an oppose position.

AB 557 (Hart D) Open meetings: local agencies: teleconferences.

This bill would extend the teleconferencing provisions when a declared state of emergency is in effect, or in other situations related to public health indefinitely. The bill would also extend the period for a legislative body to make the above-described findings related to a continuing state of emergency and social distancing to not later than 45 days after the first teleconferenced meeting, and every 45 days thereafter, in order to continue to meet under the abbreviated teleconferencing procedures. CSDA is the sponsor of this bill.

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

Current law establishes various state water policies, including the policy that the use of water for domestic purposes is the highest use of water and that the next highest use is for irrigation. This bill would instead declare that the use of water for health and safety purposes is the highest use of water. RWA has taken an oppose position.

AB 779 (Wilson D) Groundwater: adjudication.

This bill would require the court to invite a representative from the department or the SWRCB to provide technical assistance or expert testimony on the amount of water in the basin subject to adjudication, equitable and sustainable pumping allocations for the basin, and sustainable groundwater management best practices and recommendations. The bill would require the court to consider the needs of small farmers and disadvantaged communities, as those terms are defined, when entering a judgment. RWA has taken an oppose position.

AB 900 (Bennett D) Aquifer recharge: grant program: streamlined permitting.

This bill would require DWR to prepare and produce a report outlining best practices for aquifer recharge. The bill would require the report to include guidelines for a streamlined permitting process for aquifer recharge projects that implement the best practices outlined in the report. The bill would also require the department to create a grant program to

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implement best practices in aquifer recharge, including a streamlined process for the issuance of a permit.

AB 1337 (Wicks D) State Water Resources Control Board: water shortage enforcement.

This bill would authorize the SWRCB to adopt regulations for various water conservation purposes, including, but not limited to, to prevent the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water, and to implement these regulations through orders curtailing the diversion or use of water under any claim of right. ACWA has taken an oppose position. RWA has taken an oppose position.

AB 1563 (Bennett D) Groundwater sustainability agency: groundwater extraction permit: verification.

Existing law authorizes a groundwater sustainability agency to request of the county, and requires a county to consider, that the county forward permit requests for the construction of new groundwater wells, the enlarging of existing groundwater wells, and the reactivation of abandoned groundwater wells to the agency before permit approval. This bill would instead require a county to forward permit requests for the construction of new groundwater wells, the enlarging of existing groundwater wells, and the reactivation of abandoned groundwater wells to the groundwater sustainability agency before permit approval.

AB 1567 (Garcia D) Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2023.

This bill would enact the Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2023, which, if approved by the voters, would authorize the issuance of \$15.1 billion of bonds pursuant to the State General Obligation Bond Law to finance projects for safe drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, and workforce development programs. Would provide for the submission of these provisions to the voters at the November 5, 2024, statewide general election. ACWA has a support if amended position on the bill.

AB 1572 (Friedman D) Potable water: nonfunctional turf.

This bill would prohibit the use of potable water, as defined, for the irrigation of nonfunctional turf located on commercial, industrial, municipal, institutional, and multifamily residential

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properties, as specified. ACWA has taken an oppose unless amended position on this bill with amendments centered on addressing the requirements on local agencies for enforcement, reporting, and protection of tree health. RWA has taken an oppose unless amended position.

AB 1637 (Irwin D) Local government: internet websites and email addresses.

This bill, no later than January 1, 2025, would require a local agency that maintains a for use by the public to ensure that the website utilizes a “.gov” top-level domain or a “.ca.gov” second-level domain. This bill, no later than January 1, 2025, would also require a local agency that maintains public email addresses to ensure that each email address provided to its employees utilizes a “.gov” domain name or a “.ca.gov” domain name. CSDA has taken an oppose unless amended position.

SB 23 (Caballero D) Water supply and flood risk reduction projects: expedited permitting.

SB 23 would streamline the regulatory permitting of water supply and flood risk reduction projects in four ways. It would reform the process by which an application for a Section 401 Water Quality Certification is deemed complete. It would require the review and approval of Section 401 Water Quality Certifications and Lake and Streambed Alteration Agreements to be completed within 180 days of submittal of a complete permit application. It would avoid duplicative planning efforts by allowing certain watershed management plans that are already developed and implemented to be used for mitigation required through Section 401 Water Quality Certifications. It would allow project applicants to voluntarily contribute resources to state permitting agencies to provide agencies with additional resources to meet the permitting. ACWA and CSDA have taken a support letter and the District joined a coalition letter authored by ACWA.

SB 48 (Becker D) Water and Energy Savings Act.

Current law requires each utility to maintain records of the energy usage data of all buildings to which they provide service for at least the most recent 12 complete calendar months, and to deliver or otherwise provide that aggregated energy usage data for each covered building, as defined, to the owner, as specified. This bill would expand those requirements, beginning January 1, 2025, to include each utility that provides water service and its water usage data. RWA has taken an oppose unless amended position.

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SB 66 (Hurtado D) Water: predictive models and data collection.

Current law requires DWR, as part of updating the California Water Plan every five years, to conduct a study to determine the amount of water needed to meet the state's future needs and to recommend programs, policies, and facilities to meet those needs. This bill would state the intent of the Legislature to ensure that reliable predictive models and data collection systems are used to properly forecast and allocate surface water.

SB 231 (Hurtado D) Drought modeling.

Current law requires DWR to include a discussion of various strategies in the California Water Plan update, including, but not limited to, strategies relating to the development of new water storage facilities, water conservation, water recycling, desalination, conjunctive use, water transfers, and alternative pricing policies that may be pursued to meet the future needs of the state. This bill would state the intent of the Legislature to enact subsequent legislation to require DWR to modify its predictive models as necessary to account for California's persistent drought.

SB 366 (Caballero D) The California Water Plan: long-term supply targets.

This bill would make legislative findings and declarations and state the intent of the Legislature to enact future legislation that modernizes the California Water Plan, including the establishment of long-term water supply targets.

SB 389 (Allen D) State Water Resources Control Board: determination of water right.

This bill would authorize SWRCB to investigate the diversion and use of water from a stream system to determine whether the diversion and use are based upon appropriation, riparian right, or other basis of right. This bill would make a water right holder prove by the preponderance of evidence the basis of their right in a state board proceeding to determine a diversion and basis of right. RWA has taken an oppose unless amended position.

SB 659 (Ashby D) Groundwater recharge: minimum requirement.

This bill would establish a statewide goal for the ability to do 10 million acre-feet of groundwater recharge a wet year by 2035. This bill would task DWR in consultation with the Water Board with developing a plan to achieve the goal. This is an RWA co-sponsored bill.

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SB 867 (Allen D) Drought and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, and Park Creation and Outdoor Access Bond Act of 2023.

This bill would enact the Drought and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, and Park Creation and Outdoor Access Bond Act of 2023, which, if approved by the voters, would authorize the issuance of bonds in an unspecified amount pursuant to the State General Obligation Bond Law to finance projects for drought and water resilience, wildfire and forest resilience, coastal resilience, extreme heat mitigation, biodiversity and nature-based climate solutions, climate smart agriculture, and park creation and outdoor access programs. The District joined the ACWA coalition letter of support. RWA has taken a support if amended position.

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

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

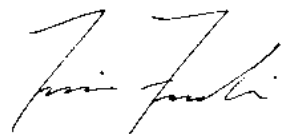
STRATEGIC PLAN CONFORMITY

Tracking active legislation complies with the District's Water Industry Leadership goals of the 2020-2025 Strategic Plan.

FINANCIAL SUMMARY

There is no direct financial impact associated with this report.

Respectfully submitted,



TRAVIS FRANKLIN
PROGRAM MANAGER

April 18, 2023

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/Elk Grove Water District (District) 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

- **State Water Board Proposed Water Use Targets** – On March 15, 2023, the State Water Resources Control Board released its proposed regulatory framework for "Making Conversation a California Way of Life." The framework proposes water use targets for each urban retail water supplier for outdoor residential use and outdoor irrigation of commercial, institutional, and industrial landscape areas. Program Manager Travis Franklin will present on how the proposed regulations would affect the Elk Grove Water District. Staff has provided the supplier targets (Attachment 1) and the summary of conservation regulations (Attachment 2).

GENERAL MANAGER'S REPORT

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ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD 2020-2025 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

Attachments

Attachment 1

A	B	C	D	E	F	G	H	I	J	K
Water Agency	2020-2022 Average R-GPCD	2017-2019 Average Gallons per Capita per Day Current Use Baseline	Target with the following assumptions: 55 gallons indoor, .8 outdoor + 20% INI (2023-2025)	Percent Reduction/Increase-Column B and Column D	Target with the following assumptions: 47 gallons indoor, .8 outdoor + 20% INI (2025-2029)	Percent Reduction/Increase-Column B and Column F	Target with the following assumptions: 42 gallons indoor, .63 outdoor + 20% INI (2030 and beyond)	Percent Reduction/Increase-Column B and Column G	Target with the following assumptions: 42 gallons indoor, .63 outdoor + 0% INI (2030 and beyond)	Percent Reduction/Increase-Column B and Column I (Current Worst Case Scenario)
Supplier 1	95	125	108	13%	100	5%	84	-12%	79	-17%
Supplier 2	174	187	181	4%	173	-1%	141	-19%	134	-23%
Supplier 3	138	152	149	8%	141	2%	116	-16%	111	-19%
Supplier 4	147	249	129	-12%	121	-18%	100	-32%	98	-33%
Supplier 5	137	168	141	3%	133	-3%	110	-20%	106	-23%
Supplier 6	118	205	124	6%	116	-1%	96	-18%	96	-18%
Supplier 7	100	130	104	4%	96	-4%	81	-19%	77	-23%
Supplier 8	100	203	109	9%	101	1%	84	-16%	81	-19%
Supplier 9	115	166	110	-4%	102	-11%	85	-26%	81	-29%
Supplier 10	166	179	210	26%	202	22%	164	-1%	151	-9%
Elk Grove Water District	105	146	142	36%	134	28%	110	5%	104	-1%
Supplier 12	187	247	195	4%	187	0%	152	-19%	142	-24%
Supplier 13	149	227	123	-18%	115	-23%	96	-36%	94	-37%
Supplier 14	119	189	198	66%	190	59%	155	30%	145	21%
Supplier 15	149	197	264	77%	256	72%	207	39%	189	27%
Supplier 16	135	137	125	-7%	117	-13%	97	-28%	95	-29%
Supplier 17	110	142	122	10%	114	3%	95	-14%	91	-18%
Supplier 18	338	333	293	-13%	285	-16%	229	-32%	214	-37%
Number of Suppliers over Budget				5		9		15		16
Average	143	188	157	12%	149	6%	122	-13%	116	-17%

Over budget starting in 2023

Over budget starting in 2025

Over budget starting in 2030

Under budget

Note: Assumes excludes demand like CII indoor are consistent. CII DIMS and Water Loss standards are not included.

Note: 0.63 outdoor standard is DWR recommendation to take place in 2030

Table 8-1. Comparison of Indoor Residential Water Use Standards (gpcd)

Starting Year	Current Statute	AB 1434	Joint DWR and Water Board Proposed Recommendation
2020	55	48	55
2025	52.5	45	47
2030	50	40	42

Draft Staff Framework for the Making Conservation a California Way of Life Regulation (Proposed Regulatory Framework)

California is experiencing large swings between drought and flood, and due to climate change these swings are becoming more severe. The recent storms and flooding seen statewide are proof of this shift and emphasize the importance of staying prepared. So do the back-to-back droughts of the last decade: hotter and drier periods are increasing in frequency and severity, reducing snowpack, drying soils, and making our water supplies more vulnerable.

To replace and replenish the water that thirstier soils, vegetation, and the atmosphere will consume under hotter and drier conditions, Governor Newsom in August 2022 released “California’s Water Supply Strategy” with actions to recycle, de-salt and conserve more water and expand water storage capacity. Making conservation a way of life is a critical part of that Strategy.

Assembly Bill (AB) 1668 and Senate Bill (SB) 606 (together, the 2018 conservation legislation) established a new foundation for long-term improvements in water conservation and drought-planning to adapt to climate change. The 2018 conservation legislation amended existing law to provide expanded and new authorities and requirements to enable permanent changes actions for those purposes, improving the state’s water future for generations to come.

In carrying out the Water Supply Strategy and the 2018 conservation legislation, the draft Making Conservation a California Way of Life regulation proposes a new way of managing urban water use. The new framework would establish unique goals for each urban retail water supplier and provide communities with the flexibility to implement locally appropriate solutions.

This document summarizes key aspects of the State Water Board staff’s proposed regulatory framework to make conservation a California way of life. Input received on this proposed regulatory framework will be used to inform any necessary revisions to the staff proposal prior to initiating the formal rulemaking process. Additional information about the regulatory process is available on the State Water Board’s webpage: [Rulemaking to Make Conservation a California Way of Life | California State Water Resources Control Board](#).

Other than as specifically discussed, the State Water Board’s staff proposal follows the [formal recommendations provided by the Department of Water Resources \(Department\) on September 22, 2022](#). Statute directed the Department to, in coordination with the Board, conduct necessary studies and investigations and to recommend the following: standards for outdoor residential use; standards for the outdoor irrigation of Commercial, Institutional, and Industrial (CII) landscape areas with dedicated irrigation

meters or other means of calculating outdoor irrigation use; CII performance measures; variances for unique uses that can have a material effect on water use; and guidelines and methodologies that identify how each urban retail water supplier (supplier) will calculate its urban water use objective.

Proposed Regulatory framework to Make Water Conservation a California Way of Life

The 2018 conservation legislation directs the State Water Board to adopt standards for the efficient use water, variances, and performance measures for CII water use. The proposed regulatory framework would require suppliers to comply with urban water use objectives, calculated using the methods and standards adopted by the Board; implement the adopted CII performance measures; and submit annual progress reports.

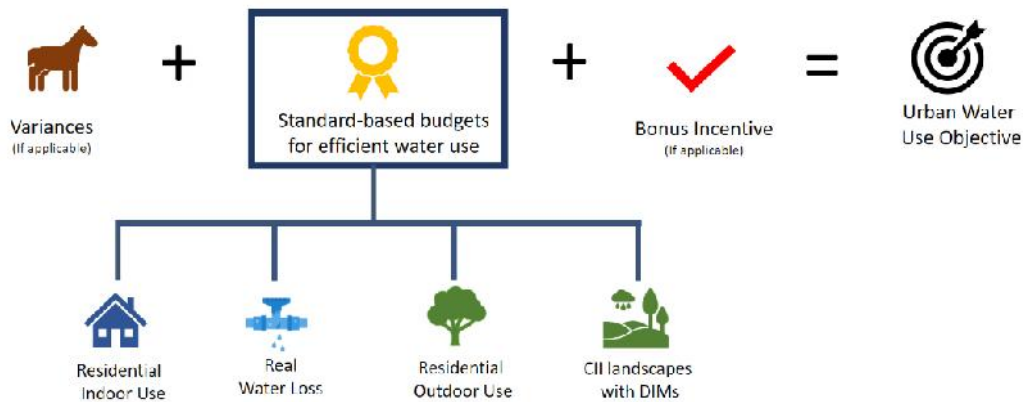
Urban Water Use Objective

A supplier's urban water use objective is a retrospective estimate of aggregate, efficient water use for the previous year, based on adopted water use efficiency standards and local service area characteristics for that year. As shown in Figure 1, a supplier's water use objective equals the sum of standard-based budgets for:

- Residential indoor use
- Residential outdoor use
- CII landscapes with dedicated irrigation meters (DIMs), which are submeters that supply water for only outdoor irrigation
- Real water losses

When applicable, the urban water use objectives will also include variances for unique uses that can have a material effect on an urban retail water supplier's urban water use objective (including, for example, water use associated with livestock), and a bonus incentive for potable recycled water use. Apart from the system-specific water loss standards, which were established by regulation pursuant to separate statutory authority, *the proposed regulation would not require suppliers to comply with any individual standard*; suppliers would be required to meet their *overall objective*.

Figure 1: How a supplier calculates its urban water use objective



Residential Indoor Use

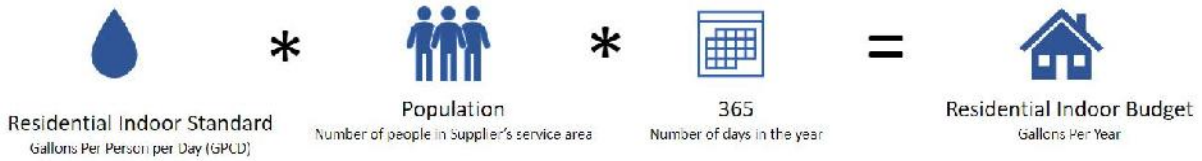
The proposed regulation does not set every component needed to calculate a supplier’s urban water use objective. The bonus incentive cap, for example, was established by the 2018 conservation legislation (Wat. Code, § 10609.2.). That legislation also set the standard for efficient residential indoor use (Wat. Code, § 10609.4.), which was then lowered in 2022 based on joint recommendations from DWR and the State Water Board (SB 1157). As shown in Table 1, the residential indoor standard lowers over time.

Table 1: Residential indoor standard as defined in Water Code Section 10609.4

	Residential Indoor Standard (GPCD)
Through December 31, 2024	55
From January 1, 2025, through December 31, 2029	47
January 1, 2030, onwards	42

The residential indoor standard, along with unique service area data, would be used to calculate an efficient residential indoor use budget. Specifically, the efficient residential indoor use budget would be calculated by multiplying the standard by the supplier’s service area population, and by the number of days in the year (Figure 2).

Figure 2: How a supplier would calculate its Residential Indoor Budget



Real Water Losses

In 2022, a separate State Water Board regulation established system-specific standards for water losses (Cal. Code Regs., tit. 23, §§ 980-986). A supplier will calculate its annual water loss budget by multiplying its [system-specific standard](#) by the number of days in the year, and, depending on the units associated with the standard, by either the number of total service connections or the length of the distribution system, in miles (Figure 3). Suppliers that own and operate multiple systems will calculate an annual water loss budget by summing the estimated efficient water loss budgets associated with each system.

Figure 3: How a supplier would calculate its Water Loss Budget



Residential Outdoor Use and CII Landscapes with DIMs

Using Landscape Efficiency Factors (LEF), the proposed regulation would set the standard for residential outdoor water use and the standard for CII landscapes with DIMs. The LEF is a factor used to indicate the amount of water a supplier may need to deliver to maintain healthy and efficient landscapes across the supplier's service area. A higher LEF value would correspond to higher water-using, less efficiently irrigated landscapes; a lower LEF value would correspond to lower water-using, more efficiently irrigated landscapes. Under the State Water Board staff proposal, the long-term standard (2035 and onwards) for residential outdoor water use would be an LEF of 55%; for CII landscapes with DIMs, the long-term standard would be an LEF of 45%. Table 2 summarizes the residential outdoor standard and the standard for CII landscapes with DIMs under the proposed regulation.

Table 2: Outdoor standards under the proposed regulation

	Landscape Efficiency Factor
Through September 30, 2030	
Residential outdoor	80%
CII DIM landscapes	80%
From October 1, 2030, to September 30, 2035	
Residential outdoor	63%
CII DIM landscapes	63%
October 1, 2035, onwards	
Residential outdoor	55%
CII DIM landscapes	45%

The standards for outdoor use — along with suppliers’ unique service area data — would be used to calculate efficient outdoor use budgets. For example, a supplier’s efficient residential outdoor water use budget would be calculated by multiplying the standard by the square footage of residential irrigable irrigated landscape area, by net evapotranspiration, and by a conversion factor of 0.62 (Figure 4). The square footage of residential irrigable irrigated landscape area, reference evapotranspiration, and effective precipitation values will be provided by DWR, unless a supplier has produced alternative data that are, in terms of quality and accuracy, demonstrably equal or superior to what has been provided by DWR.

Figure 4: How a supplier would calculate its Residential Outdoor Budget



- Net evapotranspiration (Net ET_o) is equal to reference evapotranspiration (ET_o) minus effective precipitation (EP).
- Reference evapotranspiration (ET_o) is a standard measurement of environmental parameters that affect the water use of plants. ET_o is expressed in inches per year and is an estimate of the evapotranspiration of a

large field of four- to seven-inch tall, cool-season grass that is well watered. It varies from year-to-year and throughout the state¹.

- Effective precipitation (EP) is the portion of total precipitation that becomes available for plant growth. It too varies from year-to-year and throughout the state².

“Irrigable Irrigated” and “Irrigable Not Irrigated” Areas

Two critical inputs under the regulatory framework are the standards themselves and the irrigation status of the landscapes that the standards would be applied to. In making its recommendations per the 2018 conservation legislation, DWR analyzed residential outdoor water use in California, estimating residential landscape area for every supplier in California and categorizing residential landscapes based on irrigation status. As a result, DWR categorized residential landscapes as follows:

- *Irrigable Irrigated (II)* landscape areas include healthy vegetation, somewhat unhealthy vegetation (e.g., brown lawns), and non-vegetative features, such as the rows between irrigated trees and features on or between vegetated areas (e.g., mulch, rocks, gravel, or weed blocking fabric; patches of bare earth; cars, trampolines, or other movable objects).
- *Irrigable Not Irrigated (INI)* landscape area includes very unhealthy vegetation (e.g., brown or leafless plants) and areas that are not currently being irrigated, but were irrigated in the past or may be irrigated in the future.
- *Not Irrigated (NI)* areas refer to residential landscapes that are not being irrigated and are unlikely to be in the foreseeable future (e.g., undeveloped or less developed areas; or hardscapes that cannot grow plants or hold water).

In its recommendations to the State Water Board, DWR proposed that the residential outdoor standard be applied to all *Irrigable Irrigated* areas and 20 percent of *Irrigable Not Irrigated* area in a supplier’s service area. DWR refers to the 20 percent of INI as an “INI buffer.” Under the proposed regulation, a supplier would calculate their residential outdoor water use budget by applying the standard to Irrigable Irrigated area, plus up to 20 percent of the INI buffer, if the supplier demonstrates those INI areas have come

¹ For example, in Sacramento, in 2019 and 2020, ET_o was 55.1 inches per year and 58.5 inches per year, respectively; in, San Francisco in 2019 and 2020 it was 40.1 inches per year and 40.9 inches per year, respectively.

² For example, in Sacramento, in 2019 and 2020, EP was 6.7 and 2.1 inches, respectively; in, San Francisco in 2019 and 2020 it was 7.6 and 2.2 inches, respectively. Consistent with DWR’s recommendation, effective precipitation would be modeled effective precipitation using Cal-SIMETAW, a daily soil-water balance model, and capped at 25% of total precipitation.

under irrigation. This differs from the Department's recommendation that the INI buffer be automatically included.

Process for Incorporating the Standard for CII Landscapes with Dedicated Irrigation Meters

Under the proposed regulation, suppliers will make annual progress in measuring the irrigated area of CII landscapes with Dedicated Irrigation Meters (DIMs), with all subject landscapes being measured by 2028. For landscapes they have not measured, Suppliers will continue to report "landscape irrigation" water associated with CII landscapes with DIMs to the State Water Board via the already-required electronic Annual Report (eAR). Starting in 2028, suppliers would use the standard to calculate efficient water use budgets for CII landscapes with DIMs.

Special Landscape Areas

The Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO) defines Special Landscape Areas (SLAs) as areas that are dedicated to edible plants, serve a recreational function, are irrigated with recycled water, or are water features that use recycled water. MWELO assigns SLAs an efficiency factor of 100%.

Under the proposed regulation, all residential landscapes and all CII landscapes with DIMs would be subject to the outdoor standards or, if considered an SLA, be granted a LEF of 100%.

- Residential SLAs include areas irrigated with recycled water.
- SLAs for CII landscapes with DIMs would be the same as defined under MWELO, with the following additional landscape types classified as SLAs: bioengineered slopes; ponds for recreation or for sustaining wildlife; public swimming pools; existing plant collections, botanical gardens, and arboretums; and cemeteries built before 2015.

For both residential areas and CII landscapes with DIMs, areas planted with non-functional turf would not be considered SLAs.

Provisions and Variances

The proposed regulation would establish variances for unique uses of water, along with the process suppliers would follow to request variances. In addition to the variances recommended by DWR, the State Water Board staff proposal includes two provisions:

- A provision for urban tree health.
- A provision for pools, spas and other water features, starting in 2030.

For the following variances, the State Water Board staff proposal would use methods different from those recommended by DWR:

- For water use for horses and other livestock, the State Water Board staff proposal references existing code (e.g., Cal. Code Regs., tit. 23, § 697).
- For water used in response to a state or local emergency, the State Water Board staff proposal references not just Government Code section 8558 subdivision (b), but also subdivision (c); it also excludes “drought” from the list of emergency events eligible for the variance.
- For water used to irrigate residential agricultural landscapes, the State Water Board staff proposal caps the LEF at 100%; it also directs DWR and Suppliers to reference 1) crop coefficients developed by the Food and Agriculture Organization or the University of California Cooperative Extension and 2) the irrigation efficiencies developed by the University of California Agricultural and Natural Resources’ CropManage tool.

Process for including additional Irrigable Irrigated area, Special Landscape Areas, and Variances

The proposed regulation would establish a process suppliers would follow to annually request approval to include additional II area beyond that calculated by DWR, SLAs, and variances. The supplier would be required to provide information quantifying and substantiating each request (e.g., demonstrating that the amount of water requested was delivered by the supplier for the requested use) and a description of efforts to prioritize water for existing trees.

Bonus Incentive

The State Water Board staff’s proposed accounting method for the bonus incentive would incorporate potable reuse water loss and surface water augmentation or groundwater recharge, as appropriate. The bonus incentive would be calculated using annual data.

Performance Measures

Under the proposed regulation, suppliers would be required to carry out several CII performance measures. Performance measures are actions to be taken by urban retail water suppliers that would result in increased water use efficiency by CII water users.

Performance measures do not include process³ water. Under the proposed regulation, there are three CII performance measures:

1. Suppliers would be required to install DIMs on or employ in-lieu technologies for the landscapes of CII customers that a) do not have a DIM and b) the supplier estimates using 500 million gallons of water or more annually.
2. Suppliers would be required to classify their CII customers according to the broad classification categories used by the [U.S. Environmental Protection Agency's ENERGYSTAR Portfolio Manager](#) tool.
3. Suppliers would be required to offer best management practices (BMPs) to their CII customers that meet specific criteria.
 - a. For customers that own or manage a building that is considered a "disclosable building" under the California Energy Commission's "Benchmarking" regulation (Cal. Code Regs., tit. 20, § 1681, subd. (d)), the supplier would be required provide annual water use data in a format compatible with ENERGYSTAR's Portfolio Manager tool.
 - b. For customers that the supplier has determined to be in the top 20 percent of water use, excluding process water, relative to other customers within their specific CII classification category (e.g., lodging), the supplier would design and implement a conservation program that includes at least one BMP (e.g., educational bill inserts) from five discrete BMP categories (e.g., Outreach, Education, and Technical Assistance). The proposed regulation specifies the BMPs categories and the specific BMPs within each category.
 - c. For customers the supplier has determined to be in the top 2.5 percent of water use, excluding process water, relative to all its CII customers, the supplier would design and implement a conservation program that includes at least two BMPs from each of the BMP categories.

³ "Process water" means water used by industrial water users for producing a product or product content or water used for research and development. Process water includes, but is not limited to, continuous manufacturing processes, and water used for testing, cleaning, and maintaining equipment. Water used to cool machinery or buildings used in the manufacturing process or necessary to maintain product quality or chemical characteristics for product manufacturing or control rooms, data centers, laboratories, clean rooms, and other industrial facility units that are integral to the manufacturing or research and development process is process water. Water used in the manufacturing process that is necessary for complying with local, state, and federal health and safety laws, and is not incidental water, is process water. Process water does not mean incidental water uses.

Impact of Proposed Regulation on Urban Water Use

The State Water Board has prepared a separate document, a Standard Regulatory Impact Analysis (SRIA), that describes in detail the assumptions used to estimate overall economic and fiscal costs and benefits of the proposed regulation, a primary component of which was the water savings that would be associated with the proposed regulatory framework. Water savings were calculated by comparing, for each supplier, a future baseline to what water use would be under the proposed regulation. Data were only available to evaluate the impact of the residential indoor standard (already established in statute) and the proposed residential outdoor standard. Because we could not account for variances with existing available data, the analysis may overestimate prospective water savings associated with meeting urban water use objectives.

Absent the proposed regulation, average statewide total urban water use is forecasted to decline from an average of 130 gallons per capita per day (GPCD) today to 117 GPCD in 2035. Without accounting for variances, the proposed regulation could significantly increase urban water use efficiency, bringing average total statewide water use to 107 GPCD in 2035.

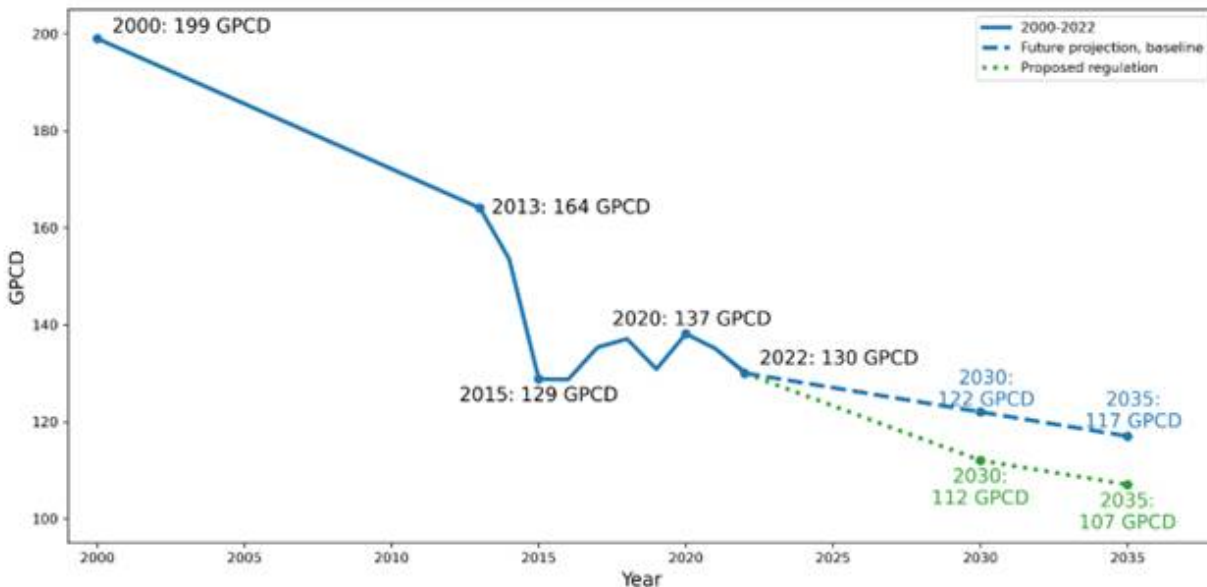
For context, urban water use trends in two affluent and industrialized nations – Australia and Denmark – provide useful examples. Total urban water use in Australia averaged 100 GPCD in 2020, with residential water use accounting for a little over half of total use in most metropolitan areas (Bureau of Meteorology 2020). In Denmark, total urban water use averaged 42 GPCD in 2021, with residential use accounting for a little over two-thirds of total use (DANVA 2022).

Table 3 and Figure 5 show the historic and future baseline as well as what average total GPCD would be under the proposed regulation (for 2030 and 2035). The table also shows the average annual change from 2020 and the GPCD savings associated with proposed regulation.

Table 3: Current and forecasted statewide urban water use, in gallons per capita daily

	Statewide Urban Water Use (GPCD)	Change per Year from 2020	Savings from Residential Sector (GPCD)	Savings from CII Sector (GPCD)
Historic level: 2020	137	-	-	-
Future reference level: 2030	122	- 1.1%	-	-
Proposed regulation: 2030	112	- 1.8%	7.5	2.5
Future reference level: 2035	117	- 1.0%	-	-
Proposed regulation: 2035	107	- 1.5%	8.2	1.8

Figure 5: Past and forecasted statewide urban water use, in gallons per capita daily, with and without the proposed regulation



In 2000, California’s urban water use averaged 199 GPCD, according to the 20×2020 Water Conservation Program report (DWR et al. 2013). With the passage of the Water Conservation Bill of 2009 (SBx7 7), the State sought to reduce per capita water use by 20 percent by 2020. Between 2000 and 2013, average statewide per capita water use decreased from 199 GPCD to 164 GPCD. Between 2013 and 2015, emergency conservation regulations and tremendous drought responses by local agencies and their customers resulted in average statewide water use dropping from 164 GPCD to 129 GPCD, a 21 percent savings in two years (State Water Board 2022). Since then, California has experienced some rebound, peaking at 137 GPCD in 2020 (the beginning

of the hot, dry conditions associated with the current drought) and again dropping by the end of 2022, averaging 130 GPCD (State Water Board 2022).

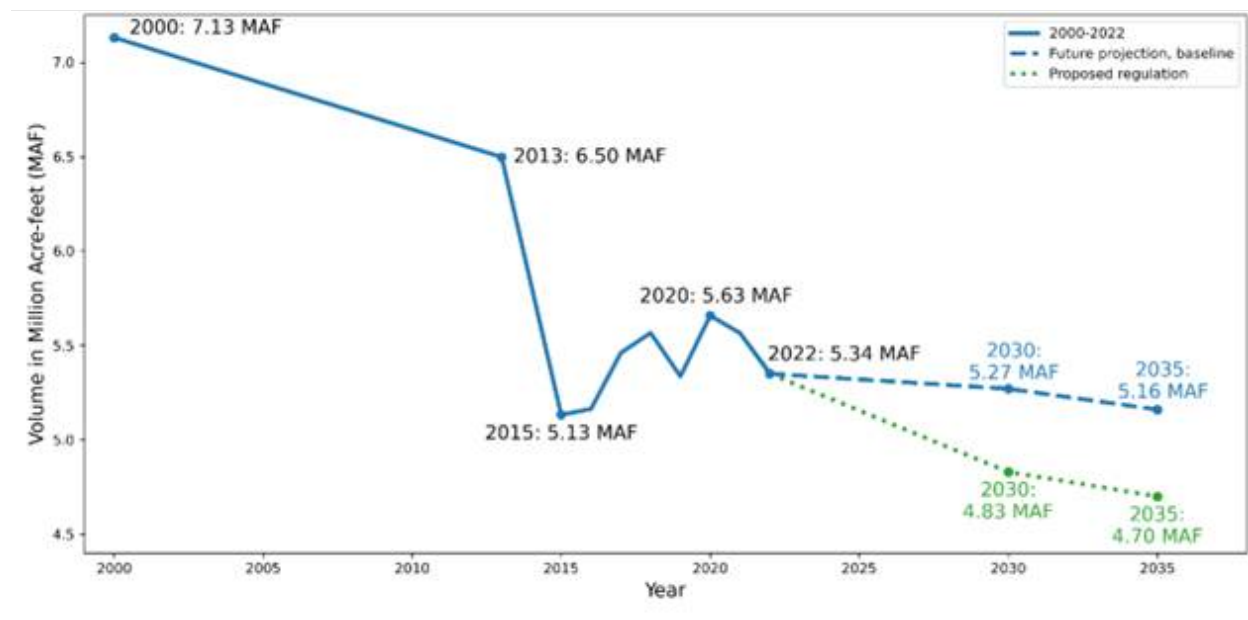
While urban water use has rebounded since the 2015 low, the long-term trend is clear: Californians are taking strides to conserve and use water more efficiently, indoors and outdoors. Between 2013 and 2022, per capita urban water use decreased by over 20 percent, savings equating to an average decline of 2.3 percent per year. By 2035, the proposed regulation could, without accounting for variances, result in average GPCD declining at a rate of 1.5 percent per year.

Per capita water use is a standard measure of efficiency. Also relevant, however, is the total volume of water consumed by the urban water sector. Volumetric trends are summarized below, with Table 4 and Figure 6 showing current and forecasted statewide total urban water use (in million acre-feet [MAF]) as well as projected water use under the proposed regulation. The table also shows the average annual change and the MAF savings associated with proposed regulation.

Table 4: Current and forecasted statewide urban water use

	Statewide Urban Water Use (MAF)	Change per year from 2020	Savings from residential sector (MAF)	Savings from CII sector (MAF)
Historic volume: 2020	5.63	-	-	-
Future reference level: 2030	5.27	- 0.6%	-	-
Proposed regulation: 2030	4.83	- 1.4%	0.33	0.11
Future reference level: 2035	5.16	- 0.6%	-	-
Proposed regulation: 2035	4.70	- 1.1%	0.38	0.08

Figure 6: Historic, current, and forecasted statewide urban water use, total water use, with and without the proposed regulation



The Board’s analysis of the economic and fiscal impact of the proposed regulation reflects the data of 385 water agencies, which are assumed to collectively serve a population of over 39 million Californians in 2035 (95 percent of the state’s projected 2035 population). In analyzing prospective compliance with urban water use objectives, it appears the proposed regulation would result in no or modest water savings for most urban retail water suppliers in California. Seventy-two percent of suppliers (274 suppliers), serving about half of the state’s population, would see some amount of savings in complying with their 2035 objective. Of these suppliers, about half would see savings of 10 percent or less. Based on the current analysis, which does not account for variances, about a third of suppliers, representing 14 percent of Californians served by suppliers, would see savings of 20 percent or more. Table 5 shows how the proposed regulation, might impact suppliers in 2035, considering compliance with objectives only.

Table 5: Suppliers and service population, by degree of savings attributable to proposed regulation, considering compliance with objectives only

Impact Category	Percent of Suppliers in Category	Percent of Service Population in Category
No savings	28%	48%
Savings of 10% or less	32%	24%
10% to 20% savings	19%	13%
20% to 30% savings	12%	10%
Savings of more than 30%	9%	4%

When considering compliance with the objectives and the obligation to carry out CII performance standards, the proposed regulation could result in almost all (379) agencies generating additional savings above the assumed 2035 reference level. For most suppliers, those savings would be relatively small and associated with carrying out the CII performance standards only; for example, 47 percent could see savings of five percent or less.

List of Abbreviations

BMP – Best management practices

CII – Commercial, Industrial, and Institutional

DIM – Dedicated irrigation meter

EP – Effective precipitation

ET_o – Reference evapotranspiration

GPCD – Gallons per capita per day

LEF – Landscape efficiency factor

MAF – Million acre feet

Works Cited

Bureau of Meteorology. (2022). “National performance report 2020–21: urban water utilities, part A.” Bureau of Meteorology Melbourne, Australia.

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State Water Board (2022). Water Conservation and Production Reports, Archived Monthly Reports. Water Conservation Portal - Conservation Reporting; California State Water Resources Control Board:
https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/conservation_reporting.html.

April 18, 2023

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Bruce Kamilos, General Manager
SUBJECT: **ELK GROVE WATER DISTRICT OPERATIONS REPORT – MARCH 2023**

RECOMMENDATION

This item is presented for information only. No action by the Florin Resource Conservation District 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 March. Other notable events are described below.

DISCUSSION

Background

Every month, staff presents an update of 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 March 2023 Operations Report.

Present Situation

The EGWD March 2023 Operations Report highlights are as follows:

- **Operations Activities Summary** – 431 door hangers were placed for past due balances, which resulted in 46 shut offs. We received zero water pressure complaints and zero water quality complaints.
- **Production** – The Combined Total Service Area 1 production graph on page 13 shows that production during the month of March decreased 26.20 percent compared to March 2021 and is 26.47 percent less than what was produced in 2020. Year 2020 is the baseline year the State Water Resources Control Board adopted for water usage. The Total Demand/Production for both service areas on

ELK GROVE WATER DISTRICT OPERATIONS REPORT – MARCH 2023

Page 2

page 14 shows that customer use during the month of March compared to 2020 was down by 26.05 percent.

- **Static and Pumping Level Graphs** – The first quarter soundings are shown and indicate that the static water levels are stable compared to the first quarter of 2021.
- **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.
- **Corrective Maintenance Program** – The tables included in this section of the report also include certain activities completed to date. Below is a list of out-of-ordinary maintenance work completed in March:
 - Staff continued the filter media replacement CIP and tank piping repairs for filter vessels 7 and 8 at the Railroad Water Treatment Plant.
 - Staff continued troubleshooting the control system of the HVAC unit at Well 4D Webb. Several components are being replaced.
 - Staff investigated a malfunctioning flow transmitter at the Railroad Water Treatment Plant.
 - Staff replaced an exhaust vent fan on the Well 4D Webb sound enclosure.
 - Staff repaired a short circuit on the power supply cables for Well 9 Polhemus.
- **Safety Meetings/Training** – Three (3) safety training sessions were conducted for the month which is compliant with OSHA standards.
- **Service and Main Leaks Map** – There was one (1) service line leak and zero main line leaks during March.
- **System Pressures** – Pressures in Service Area 1 generally remained stable during the month of March. Pressures in Service Area 2, which are controlled by Sacramento County Water Agency, were also stable as compared to the previous month.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

April 18, 2023

ELK GROVE WATER DISTRICT OPERATIONS REPORT – MARCH 2023

Page 3

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD 2020-2025 Strategic Plan. The EGWD Operations Report provides an ongoing review of EGWD's operations, and therefore, conforms with Strategic Goal No. 1, Governance and Customer Engagement.

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "B. M. Kamilos".

BRUCE KAMILOS
GENERAL MANAGER

BMK/ac

Attachment

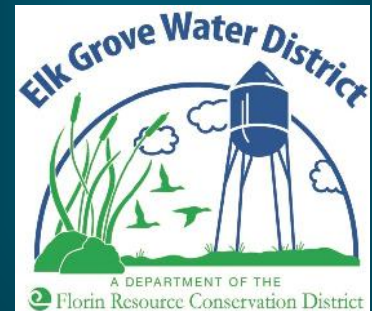
EGWD

OPERATIONS REPORT

March 2023



Elk
Grove
Water
District



Elk Grove Water District
Operations Report
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Operations Activities Summary

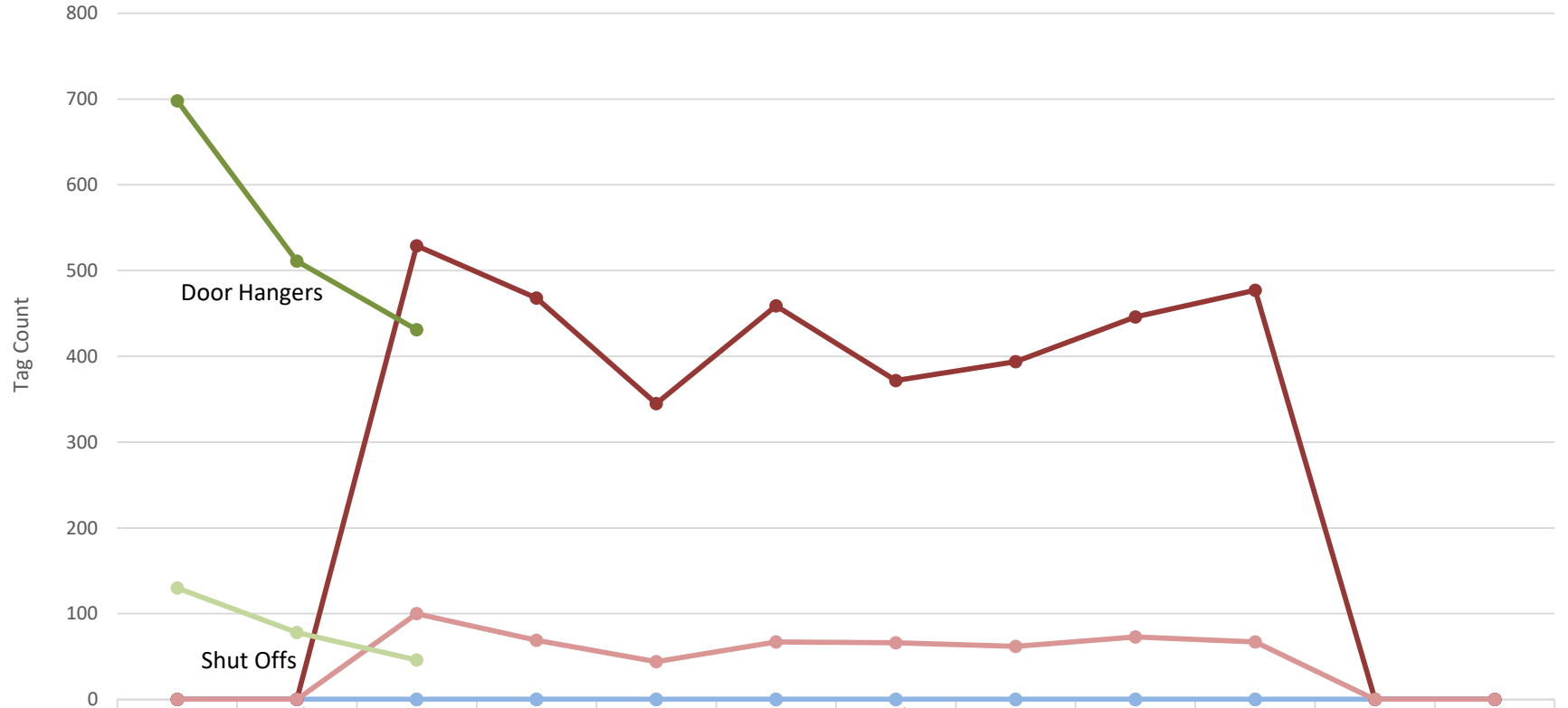
<u>Service Requests:</u>	March -23		YTD (Since Jan. 1, 2023)	
<u>Department</u>	<u>Service Request</u>	<u>Hours</u>	<u>Service Request</u>	<u>Hours</u>
Distribution				
Door Hangers	431	15	1,640	56
Shut offs	46	7	254	25
Turn ons	42	4	237	20
Investigations	50	12.5	196	49
USA Locates	153	38.25	603	150.75
Customer Complaints				
-Pressure	0	0	9	4.5
-Water Quality	0	0	0	0
-Other	0	0	0	0

<u>Work Orders:</u>	March -23		YTD (Since Jan. 1, 2023)	
<u>Department</u>	<u>Work Orders</u>	<u>Hours</u>	<u>Work Orders</u>	<u>Hours</u>
Treatment:				
Preventative Maint.	24	45.5	72	160.5
Corrective Maint.	8	97.5	30	187.5
Water Samples	13	46	47	134.5
Distribution:				
Meters Installed	0	0	3	1.25
Meter Change Out	15	9	41	22
Preventative Maint.				
-Hydrant Maintenance (45)	45	10	158	42
-Valve Exercising (127)	127	27	381	84
-Other	0	0	0	0
Corrective Maint.				
-Leaks	1	12	5	68.5
-Other	22	29.25	34	32.5
Valve Locates	0	0	0	0
Utility:				
Corrective Maint.	0	0	0	0

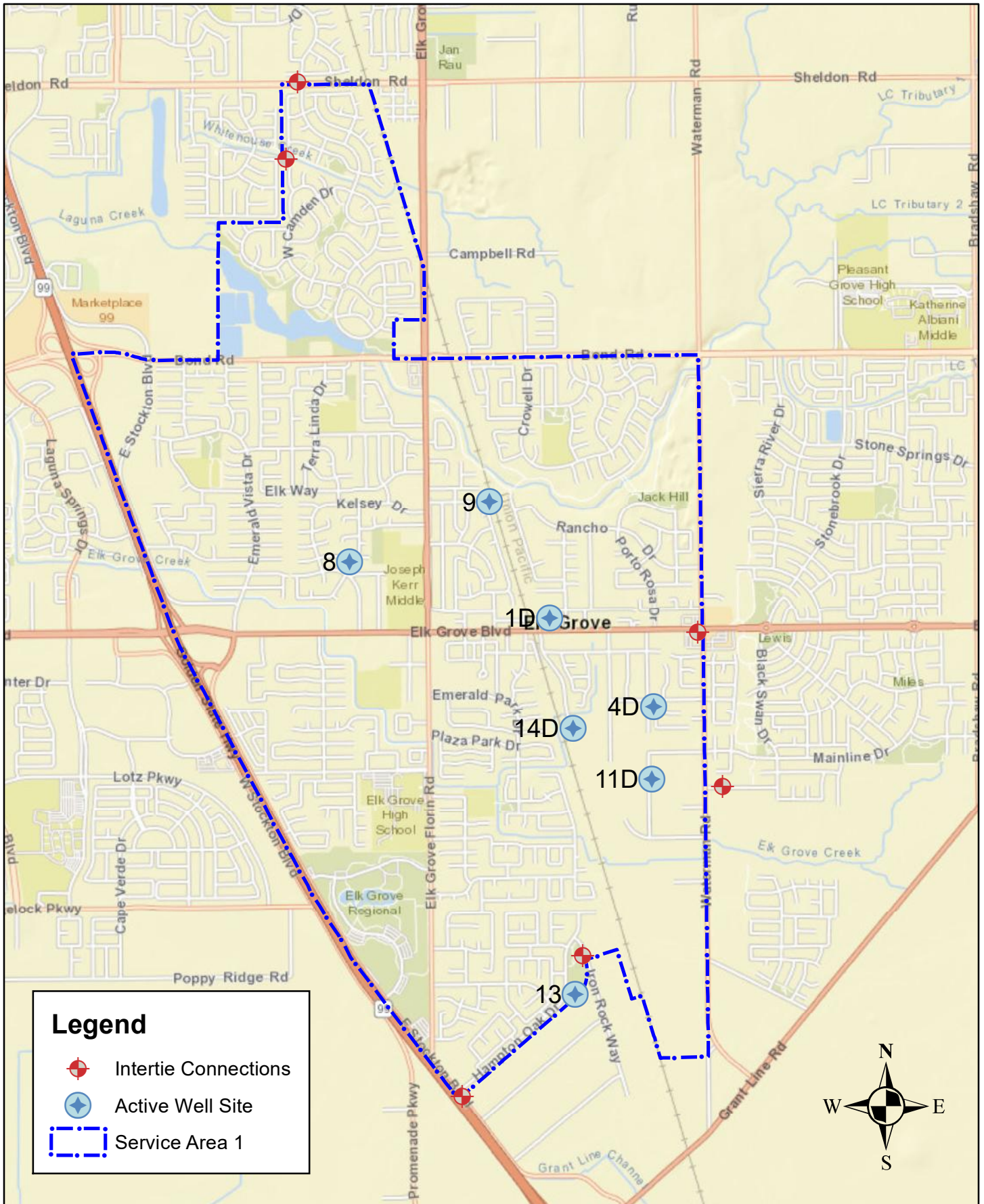


Elk Grove Water District

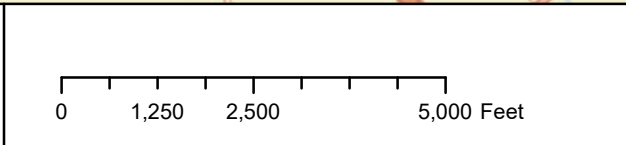
Door Hangers and Shut Off Tags



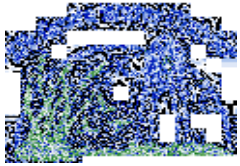
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2021 Door Hangers	0	0	0	0	0	0	0	0	0	0	0	0
2021 Shut Offs	0	0	0	0	0	0	0	0	0	0	0	0
2022 Door Hangers	0	0	529	468	345	459	372	394	446	477	0	0
2022 Shut Offs	0	0	100	69	44	67	66	62	73	67	0	0
2023 Door Hangers	698	511	431									
2023 Shut Offs	130	78	46									



Active Well Sites & Intertie Connections



Elk Grove Water District



Elk Grove Water District

Monthly Production

Well 1D School -- March 2023

Selected Month Production

64,224 Gallons

Average GPM: 1,784
 Pump depth: 275 ft
 Well depth: 1025 ft

Motor:

Volts: 473
 Volts (Rated): 460
 RPM: 1790
 RPM (Rated): 2115
 Amps A: 179
 Amps A (Rated): 222
 Amps B: 179
 Amps B (Rated): 222
 Amps C: 174
 Amps C (Rated): 222

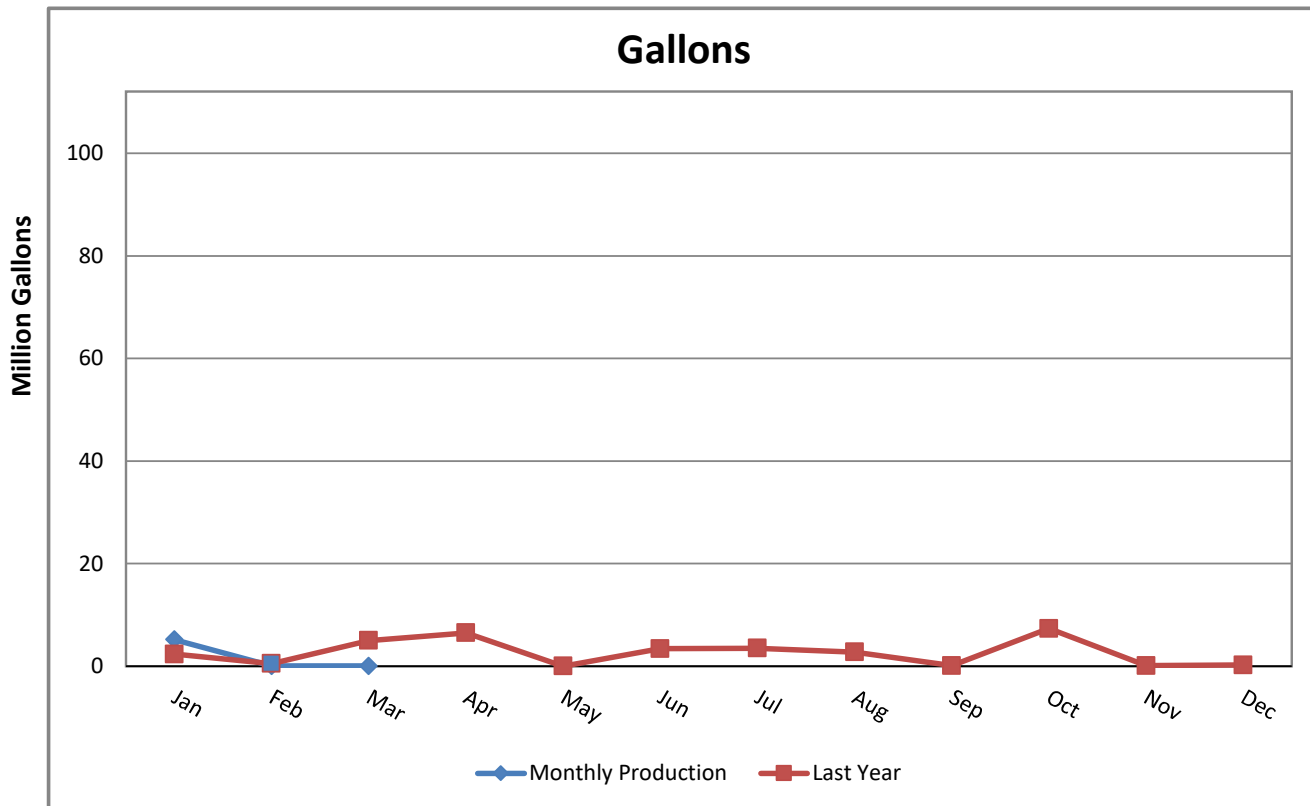
Motor Temp: 72.7 F
 Hour Meter: 0.60

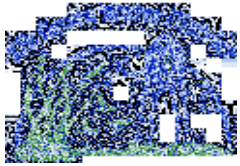
Chlorine:

Dosing: 1.6 mg/L
 Demand: 0.67 mg/L
 Residual: 0.93 mg/L

Vibration Reading:

Base Line: 0.05 in/sec
 Current: 0.02 in/sec





Elk Grove Water District

Monthly Production

Well 4D Webb -- March 2023

Selected Month Production

11,326,241 Gallons

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

Motor:

Volts: 476
 Volts (Rated): 460
 RPM: 1611
 RPM (Rated): 1775
 Amps A: 188
 Amps A (Rated): 225
 Amps B: 187
 Amps B (Rated): 225
 Amps C: 187
 Amps C (Rated): 225

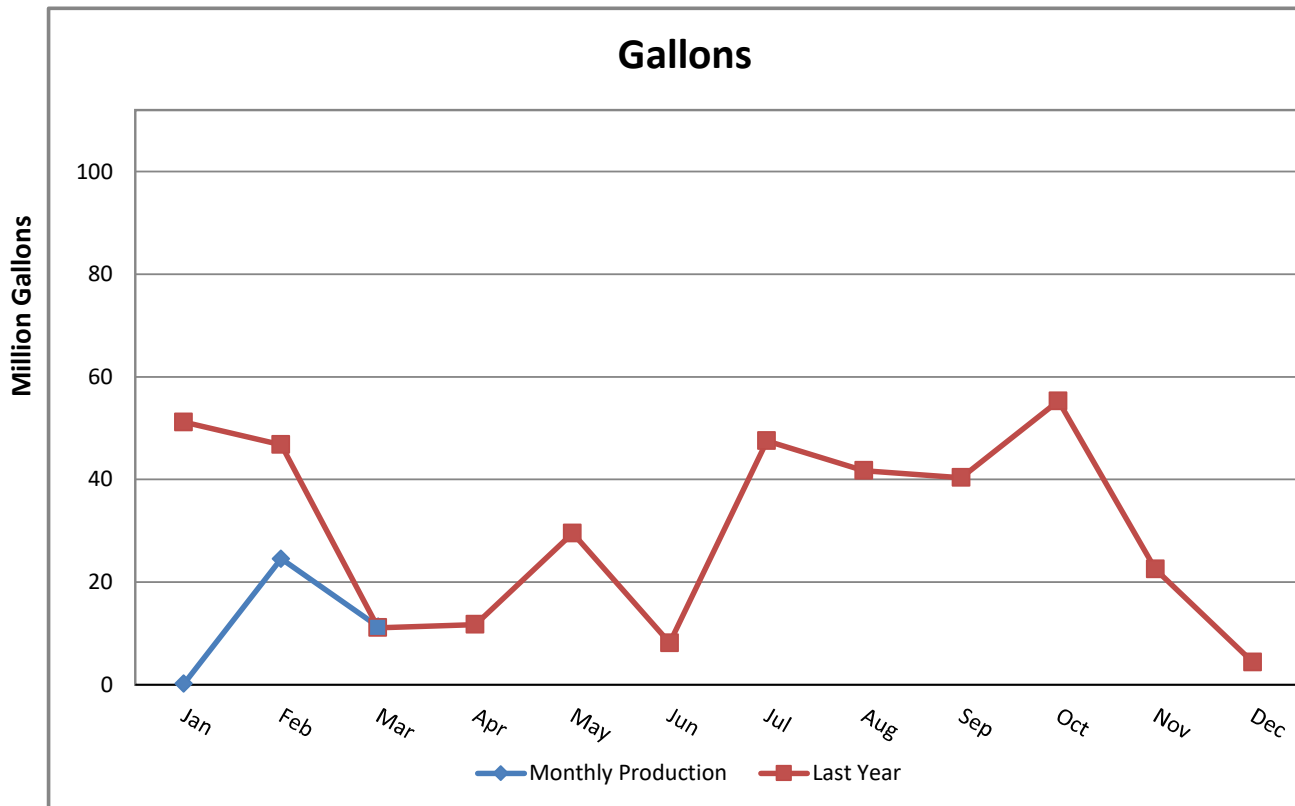
Motor Temp: 72.7 F
 Hour Meter: 111.50

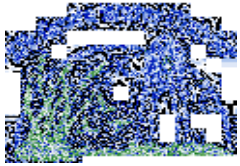
Chlorine:

Dosing: 1.68 mg/L
 Demand: 0.65 mg/L
 Residual: 1.03 mg/L

Vibration Reading:

Base Line: 0.05 in/sec
 Current: 0.02 in/sec





Elk Grove Water District

Monthly Production

Well 11D Dino -- March 2023

Selected Month Production

42,009,335 Gallons

Average GPM: 1701
 Pump depth: 340 ft
 Well depth: 1038 ft

Motor:

Volts: 478
 Volts (Rated): 460
 RPM: 1735
 RPM (Rated): 1775
 Amps A: 193
 Amps A (Rated): 225
 Amps B: 188
 Amps B (Rated): 225
 Amps C: 182
 Amps C (Rated): 225

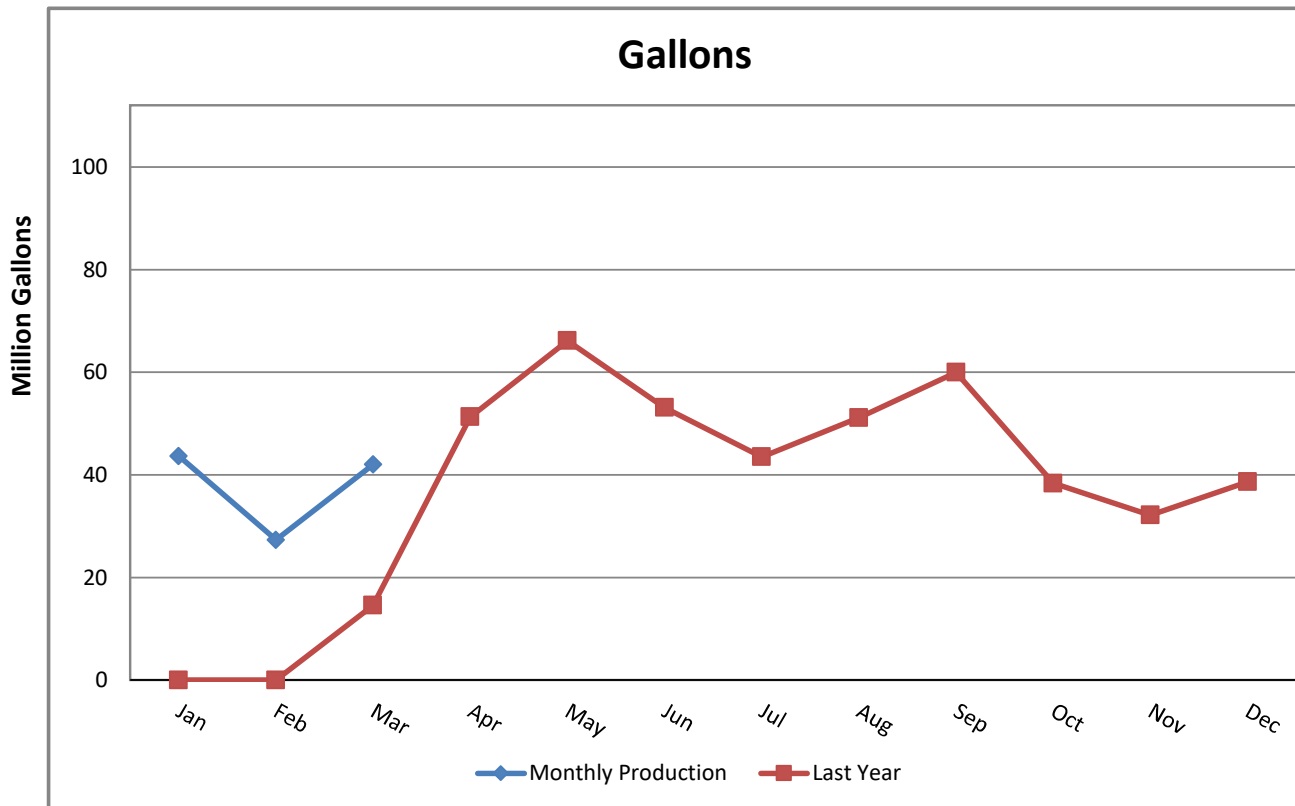
Motor Temp: 117.4 F
 Hour Meter: 411.50

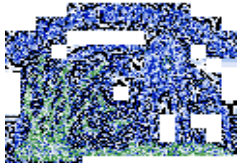
Chlorine:

Dosing: 1.67 mg/L
 Demand: 0.53 mg/L
 Residual: 1.14 mg/L

Vibration Reading:

Base Line: 0.05 in/sec
 Current: 0.02 in/sec





Elk Grove Water District

Monthly Production

Well 14D Railroad -- March 2023

Selected Month Production

305,736 Gallons

Average GPM: 1498
 Pump depth: 340 ft
 Well depth: 1051 ft

Motor:

Volts: 479
 Volts (Rated): 460
 RPM: 1801
 RPM (Rated): 1785
 Amps A: 164
 Amps A (Rated): 171
 Amps B: 167
 Amps B (Rated): 171
 Amps C: 165
 Amps C (Rated): 171

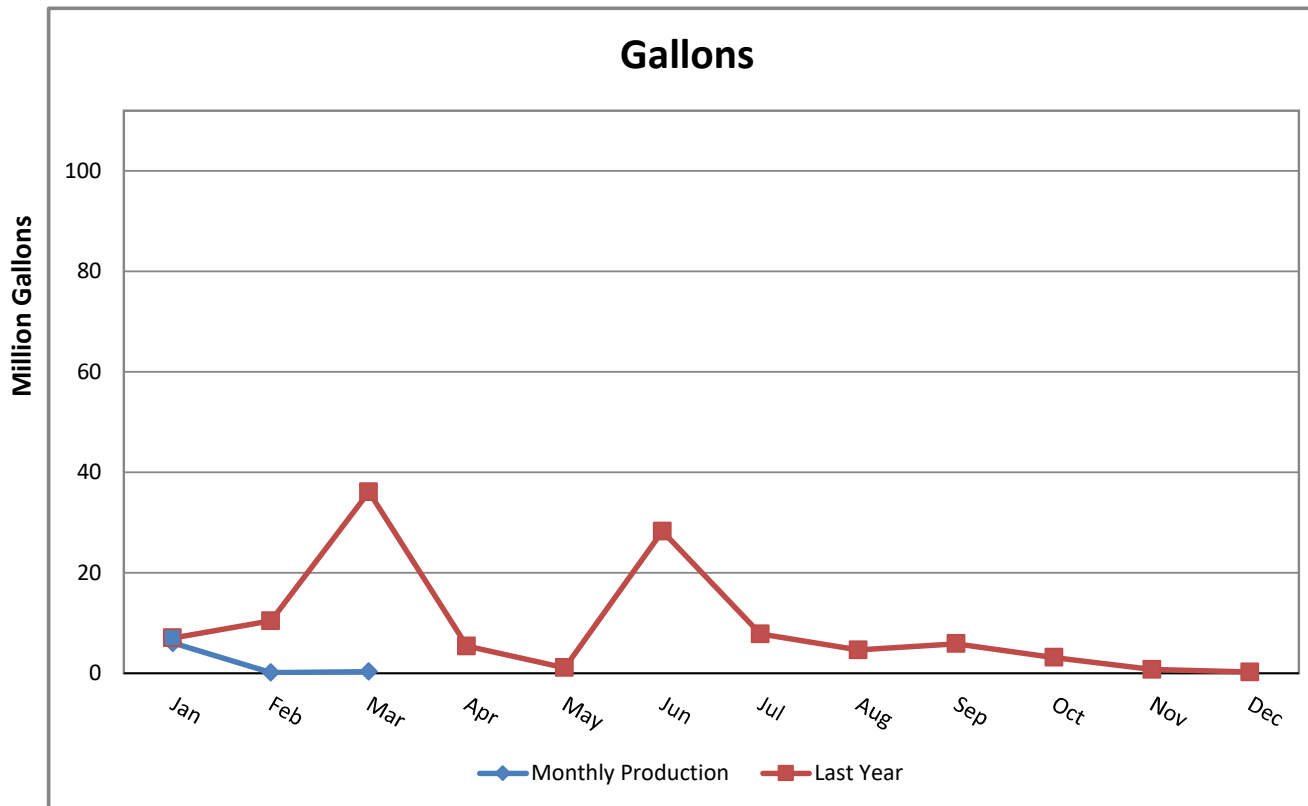
Motor Temp.: 89.2 F
 Hour Meter: 3.40

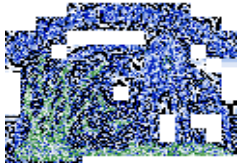
Chlorine:

Dosing: 1.70 mg/L
 Demand: 0.58 mg/L
 Residual: 1.12 mg/L

Vibration Reading:

Base Line: 0.02 in/sec
 Current: 0.03 in/sec





Elk Grove Water District

Monthly Production

Well 8 Williamson -- March 2023
(Submersible)

Selected Month Production

26,452 Gallons

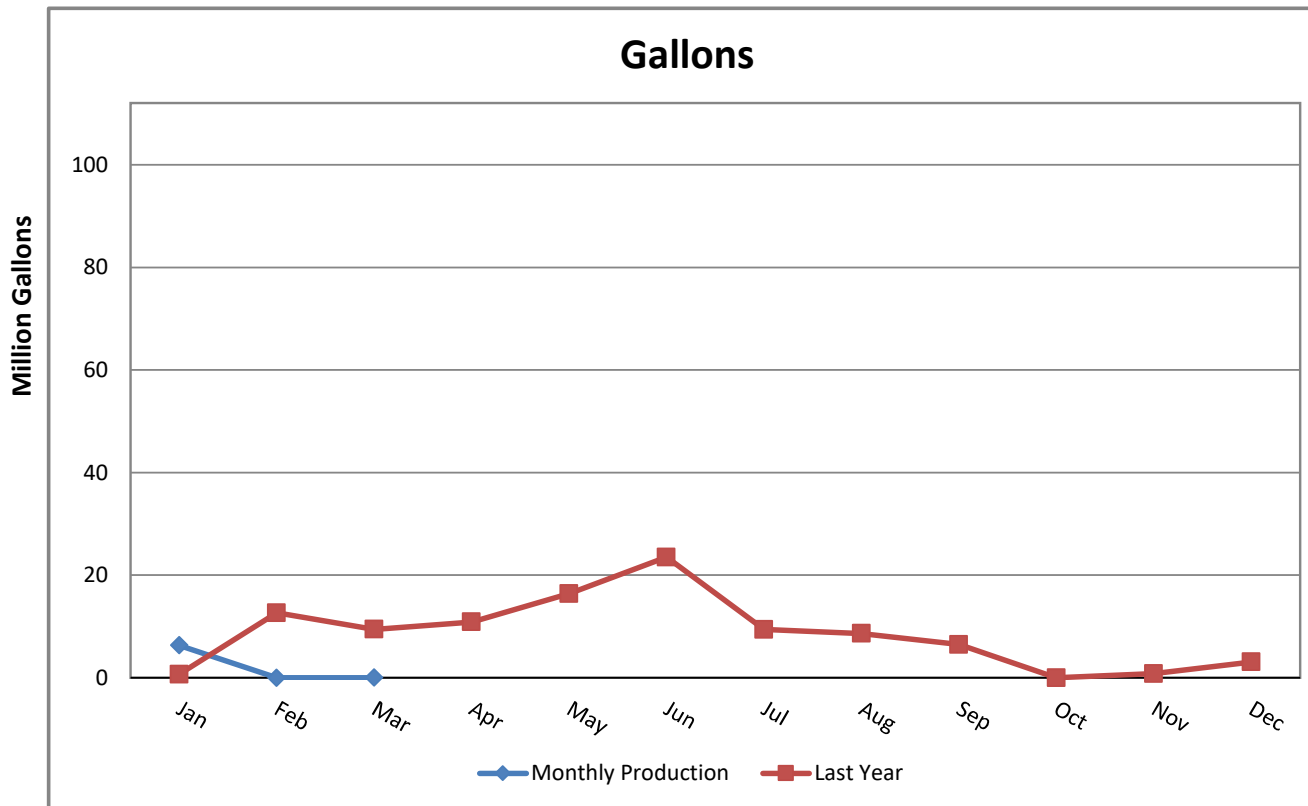
Average GPM: 551
Pump depth: 150 ft
Well depth: 564 ft

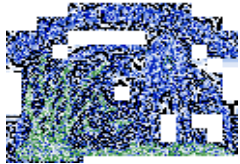
Motor:
Volts: 461
Volts (Rated): 460

Amps A: 68
Amps A (Rated): 65
Amps B: 68
Amps B (Rated): 65
Amps C: 67
Amps C (Rated): 65

Hour Meter: 0.80

Chlorine:
Dosing: 1.63 mg/L
Demand: 0.66 mg/L
Residual: 0.97 mg/L





Elk Grove Water District

Monthly Production

Well 9 Polhemus -- March 2023
(Submersible)

Selected Month Production

4,247,389 Gallons

Average GPM: 490
Pump depth: 150 ft
Well depth: 556 ft

Motor:

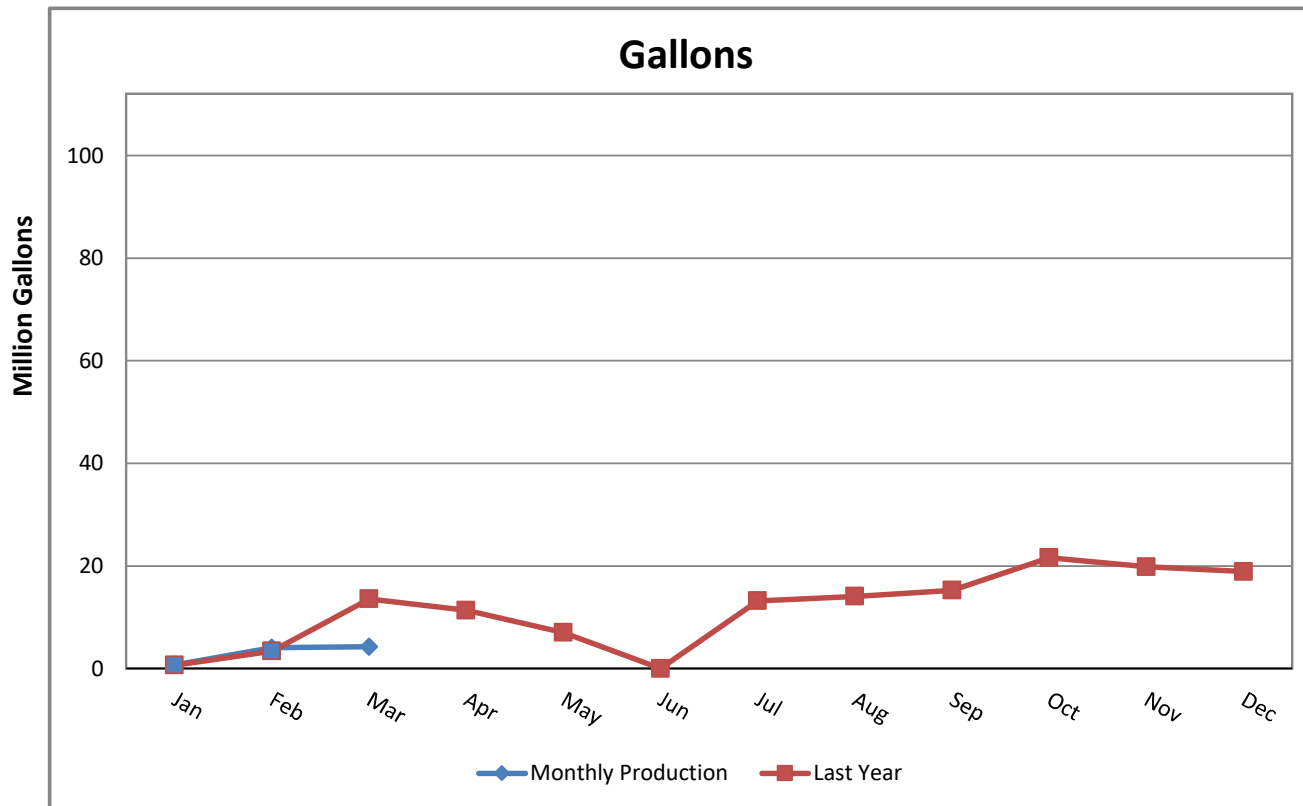
Volts: 479
Volts (Rated): 460

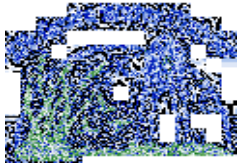
Amps A: 58
Amps A (Rated): 65
Amps B: 58
Amps B (Rated): 65
Amps C: 60
Amps C (Rated): 65

Hour Meter: 144.40

Chlorine:

Dosing: 1.19 mg/L
Demand: 0.3 mg/L
Residual: 0.89 mg/L





Elk Grove Water District

Monthly Production

Well 13 Hampton -- March 2023

Selected Month Production

253,365 Gallons

Average GPM: 917
 Pump depth: 200 ft
 Well depth: 500 ft

Motor:

Volts: 479
 Volts (Rated): 460
 RPM: 1787
 RPM (Rated): 1785
 Amps A: 104
 Amps A (Rated): 141
 Amps B: 105
 Amps B (Rated): 141
 Amps C: 106
 Amps C (Rated): 141

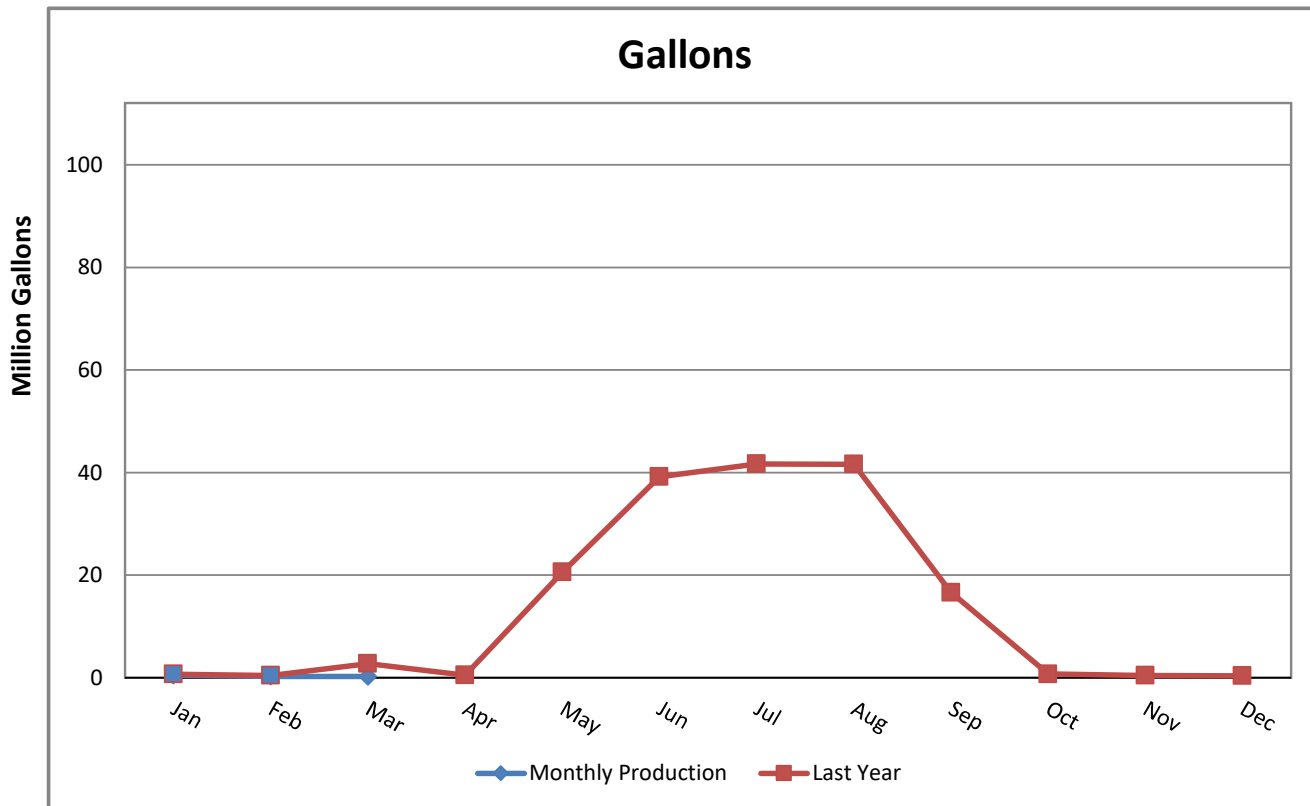
Motor Temp.: 81.5 F
 Hour Meter: 4.6

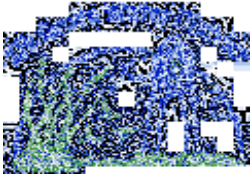
Chlorine:

Dosing: 2.24 mg/L
 Demand: 1.27 mg/L
 Residual: 0.97 mg/L

Vibration Reading:

Base Line: 0.02 in/sec
 Current: 0.01 in/sec





Elk Grove Water District

Combined Total Production

Service Area 1

Mar-2023

Current Month Production:

58,232,742 Gallons

Highest Day Demand of the Month:

2,103,000

Date of Occurrence

27-Mar-23

Highest Day Demand of the Calendar Year:

2,398,000

Date of Occurrence

21-Feb-23

"Water Year" Rainfall: (Oct-22 to Sep-23)

Current Month: 5.04 in

Year To Date: 21.52 in

"Water Year" Rainfall: (Oct-21 to Sep-22)

March 2022: 0.00 in

Year To Date: 14.42 in

Entire Year Total: 16.82 in

Temperature:

This Month High: 68 F

This Month Low: 33 F

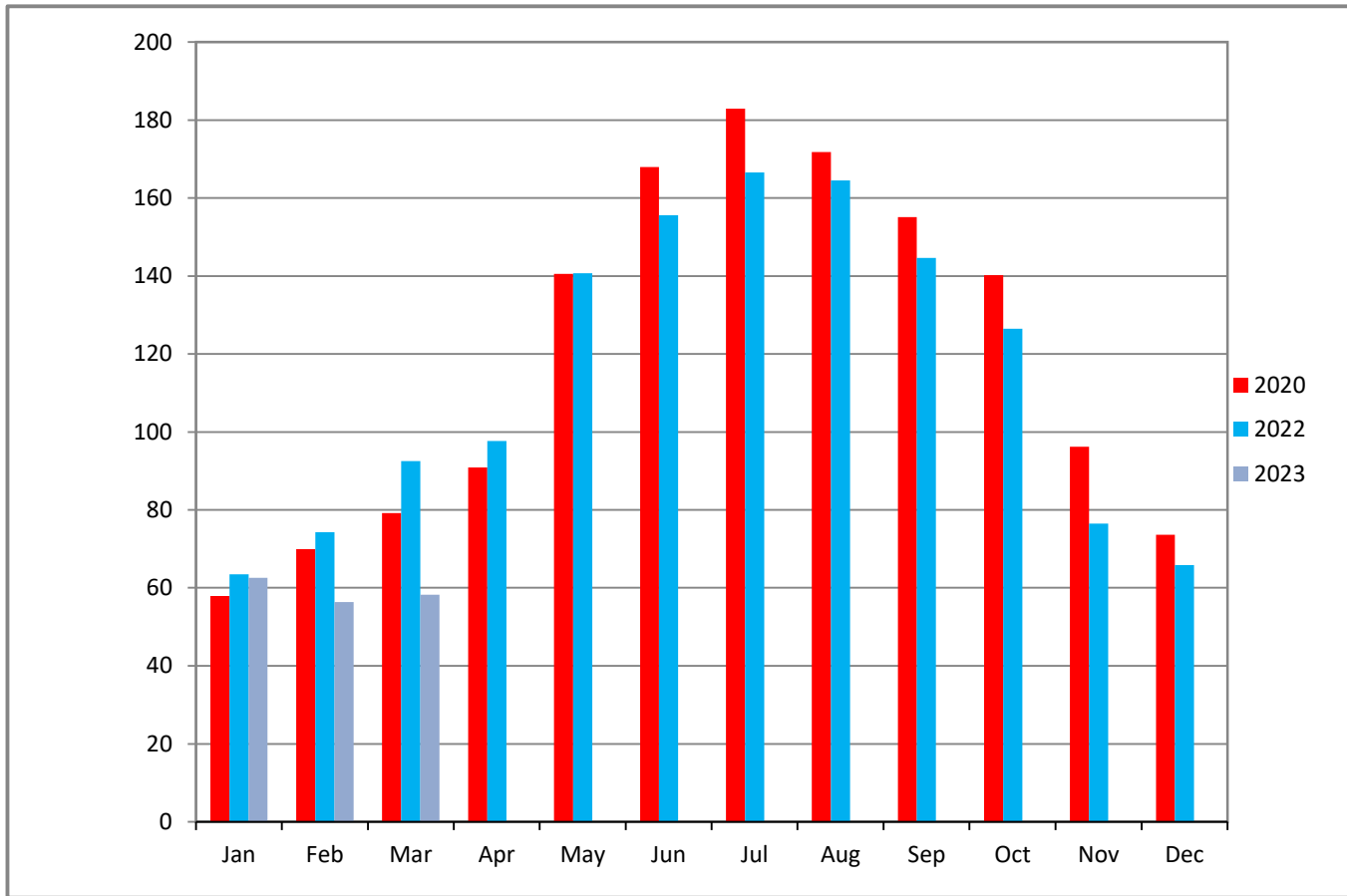
This Month Average: 50.75 F

MAR-22 High: 84 F

MAR-22 Low: 33 F

MAR-22 Average: 57.45 F

Million Gallons

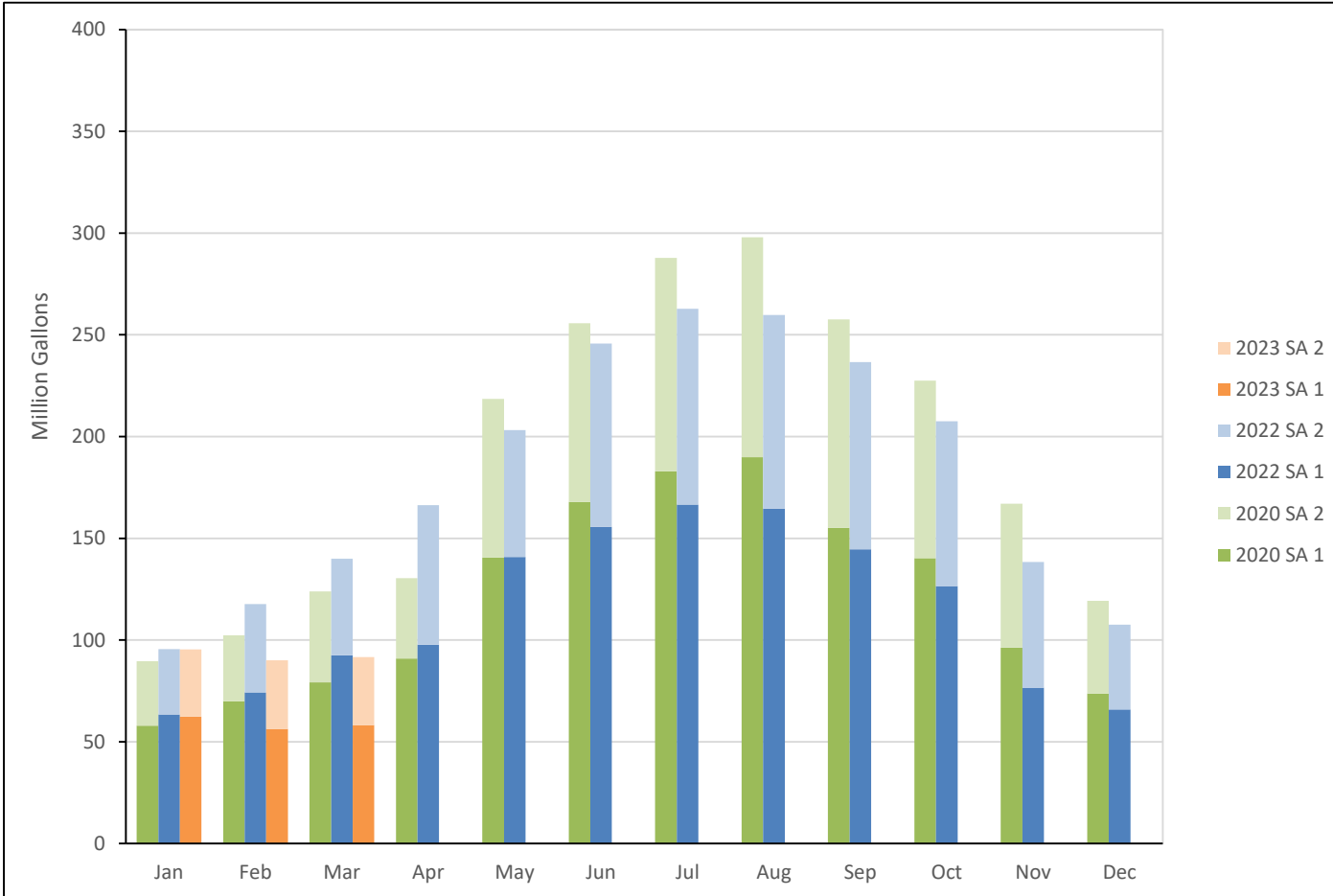




Elk Grove Water District

Total Demand/Production

Mar-2023



Current Month Demand/Production:

91,672,082 Gallons

***Change From March 2020:** -26.05%

GPCD: 62.9 Gallons per Day

R-GPCD: 53.6 Gallons per Day

Service Area 1

Active Connections: 7,939

Current Month Demand/Production:

58,232,742 Gallons

***Change From March 2020:** -26.47%

GPCD: 65.4 Gallons per Day

R-GPCD: 53.9 Gallons per Day

Service Area 2

Active Connections: 4,923

Current Month Demand/Production:

33,439,340 Gallons

***Change From March 2020:** -25.30%

GPCD: 59.0 Gallons per Day

R-GPCD: 53.0 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) -----

2020	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	57,904,843	69,920,851	79,195,437	90,851,253	140,575,760	167,942,394	182,964,721	189,801,764*	155,126,225	140,229,242	96,201,714	73,624,502	1,444,338,706
Purchased (SA2)	31,743,624	32,416,076	44,764,808	39,523,572	77,964,788	87,759,848	104,799,288	108,177,256	102,434,860	87,187,628	70,876,740	45,577,136	833,225,624
Total	89,648,467	102,336,927	123,960,245	130,374,825	218,540,548	255,702,242	287,764,009	297,979,020	257,561,085	227,416,870	167,078,454	119,201,638	2,277,564,330

2021	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	64,881,378	57,088,452	78,904,998	122,759,415	161,903,489	171,428,103	180,693,083	173,985,025	153,922,309	114,717,480	65,607,814	61,008,401	1,406,899,947
Purchased (SA2)	34,553,112	34,867,272	38,268,428	53,156,620	84,725,960	96,521,920	110,862,576	113,081,144	94,977,300	84,569,628	48,501,816	34,885,972	828,971,748
Total	99,434,490	91,955,724	117,173,426	175,916,035	246,629,449	267,950,023	291,555,659	287,066,169	248,899,609	199,287,108	114,109,630	95,894,373	2,235,871,695

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										177,138,408
Purchased (SA2)	32,851,412	33,735,548	33,439,340										100,026,300
Total	95,413,799	90,078,827	91,672,082	0	0	0	0	0	0	0	0	0	277,164,708

----- Monthly Percent Change - Comparing 2020 to 2023 -----

% Change	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	8.04%	-19.42%	-26.47%	-	-	-	-	-	-	-	-	-	-
Purchased (SA2)	3.49%	4.07%	-25.30%	-	-	-	-	-	-	-	-	-	-
Total	6.43%	-11.98%	-26.05%	-	-	-	-	-	-	-	-	-	-
% Cumulative Change	6.43%	-3.38%	-12.27%	-	-	-	-	-	-	-	-	-	-

*Notes

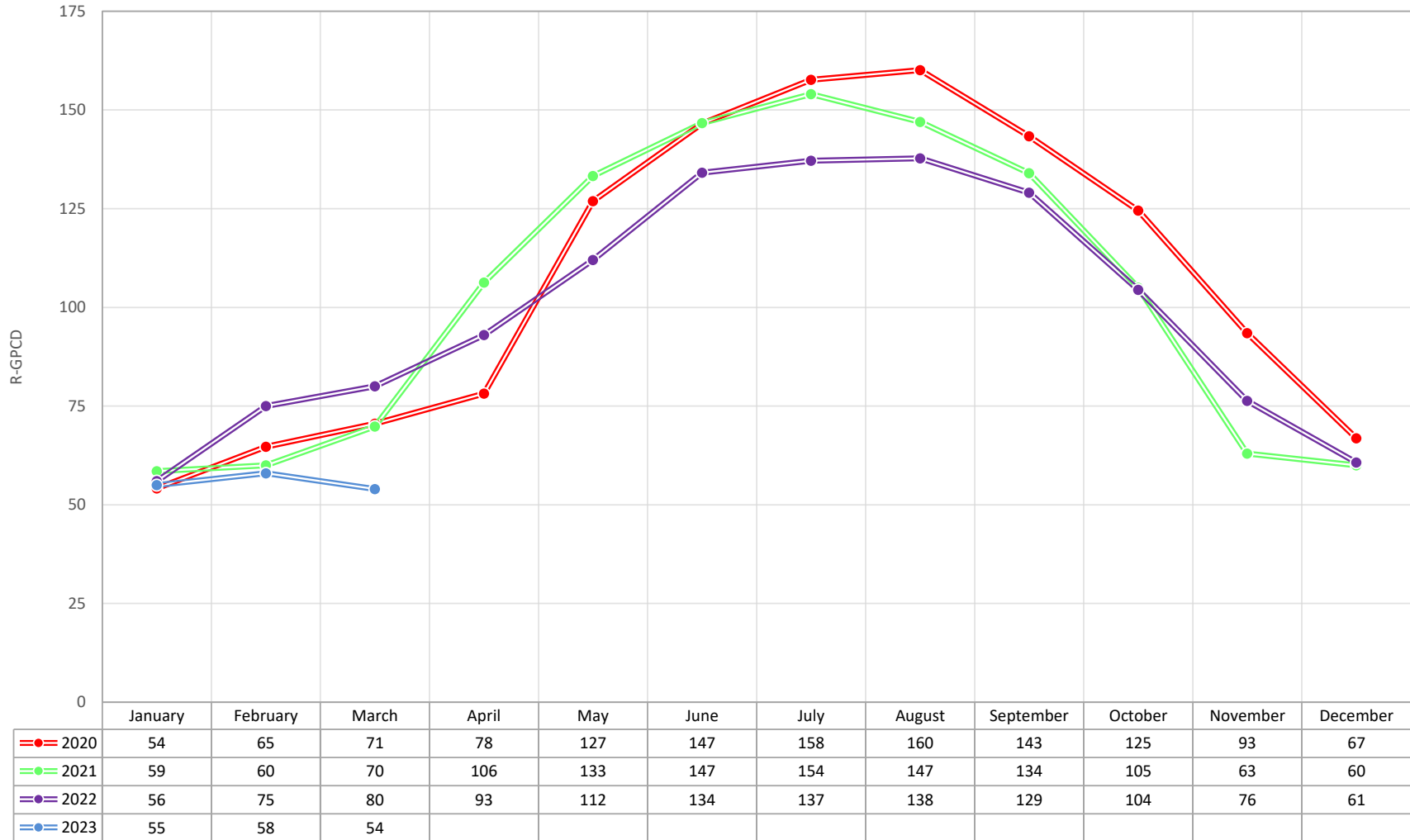
2020 August production number for SA1 includes water delivered through open interties with SA2.
 SA1 = Service Area 1, SA2 = Service Area 2. SA1 is all groundwater (GW) production. SA2 is all purchased water from SCWA.
 Charlois and Springhurst Intertie 18,000,000 Gallons
 Charlois Intertie (Aug 2020) 8,706,529 Gallons (Determined from Bruce Kamilos calculations)
 Springhurst Intertie (Aug 2020) 14,511,000 Gallons (Number provided from meter read by SCWA)

Service Area 2		Consumption	
2023	# Accts	CCF	Gallons
Jan	4,921	43,919	32,851,412
Feb	4,922	45,101	33,735,548
Mar	4,923	44,705	33,439,340
Apr			
May			
Jun			
Jul			
Aug			
Sep			
Oct			
Nov			
Dec			

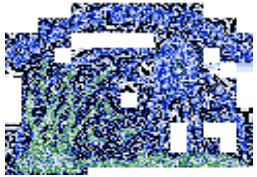


EGWD COMBINED R-GPCD

—●— 2020 —●— 2021 —●— 2022 —●— 2023



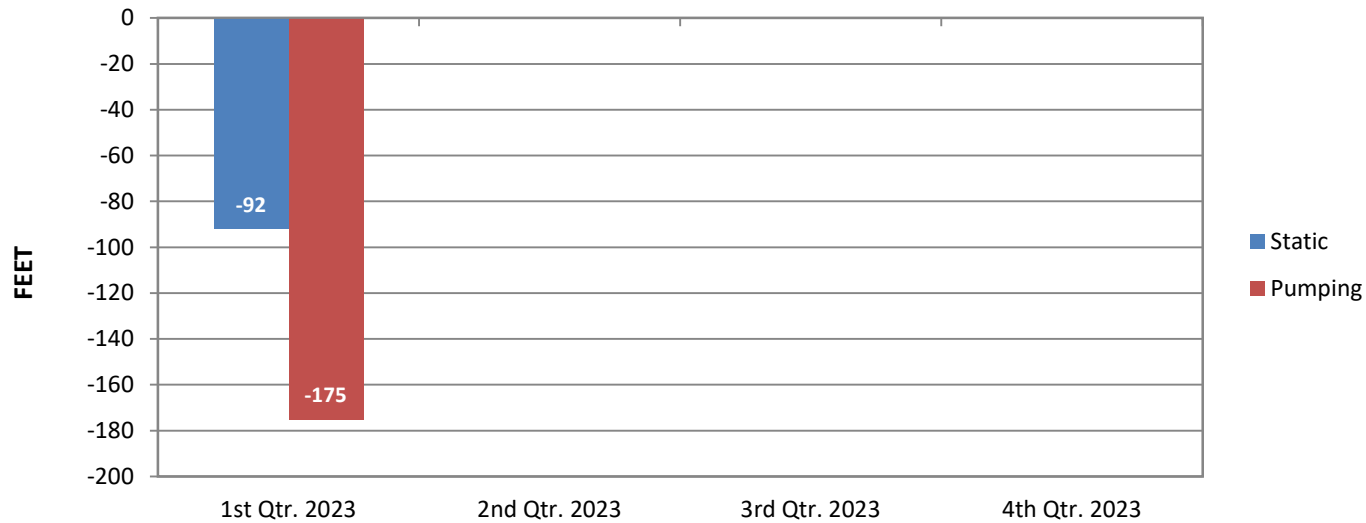
R-GPCD = Residential Gallons per Capita per Day



Elk Grove Water District

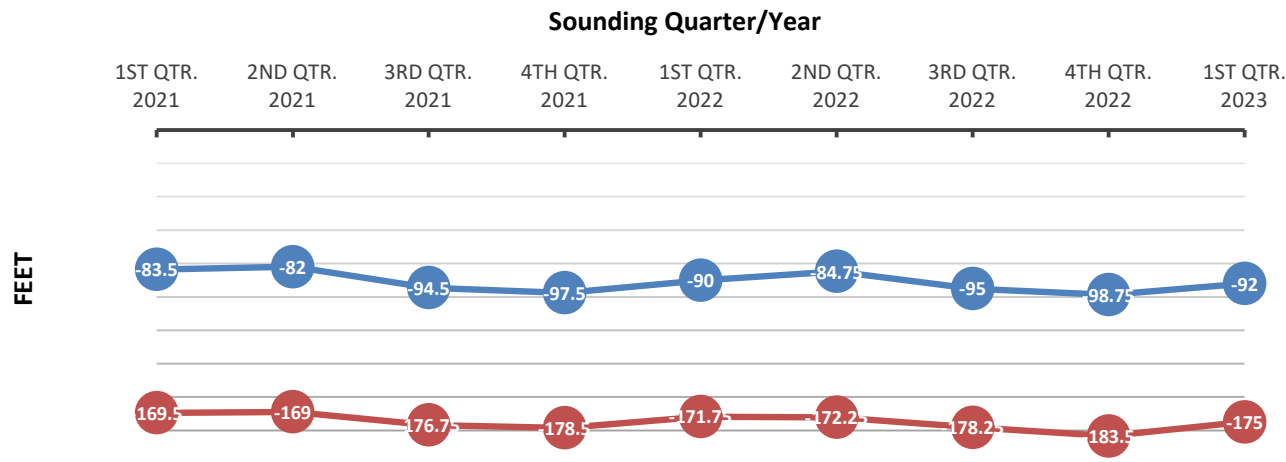
Static and Pumping Levels

Well 1D School St



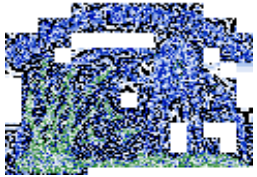
Latest Well Sounding

Static:	92 Ft
Pumping:	175 Ft
Drawdown:	83 Ft
GPM:	1,728
Specific Capacity:	20.821



Latest Sand Tester Results:

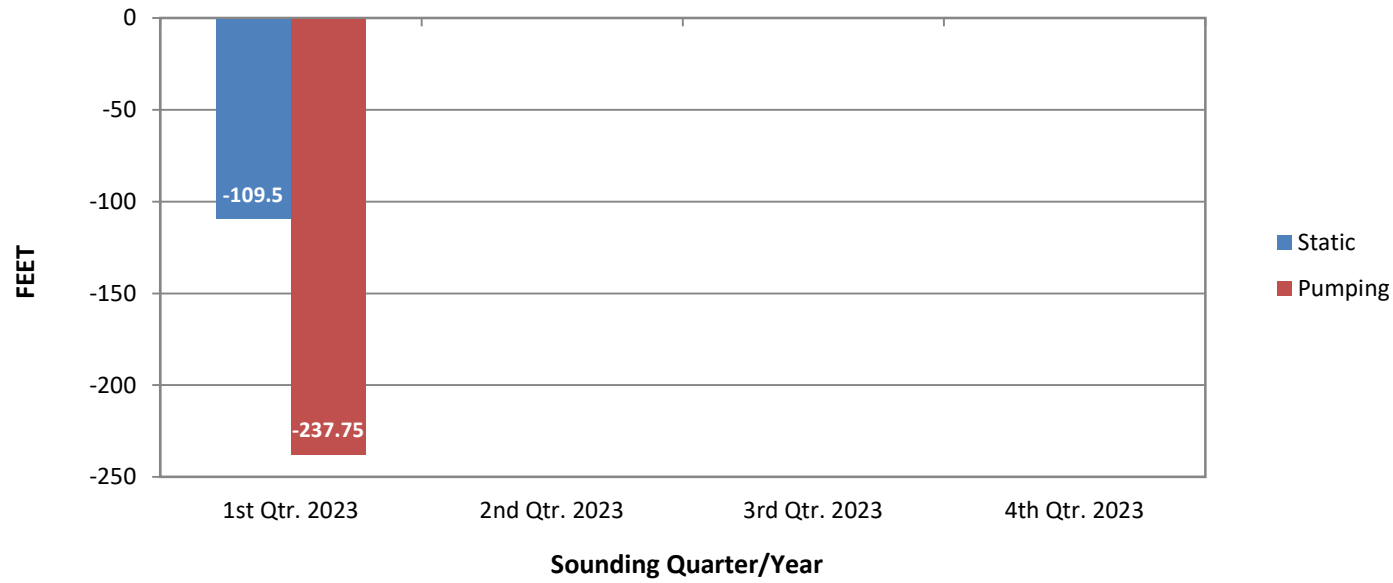
15 Min: -- ppm



Elk Grove Water District

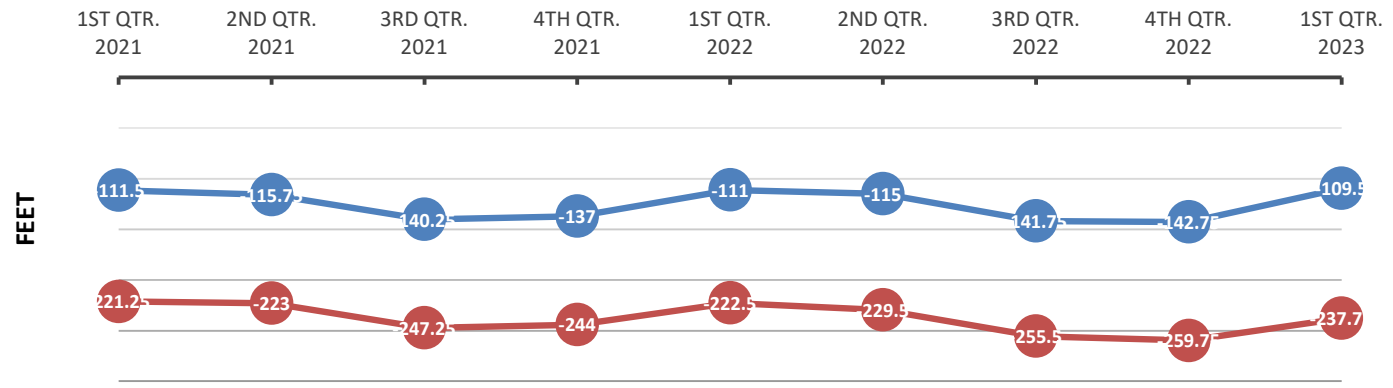
Static and Pumping Levels

Well 4D Webb St



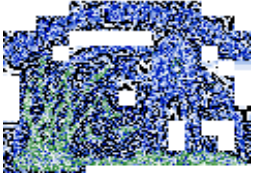
Latest Well Sounding

Static:	109.5 Ft
Pumping:	237.75 Ft
Drawdown:	128.25 Ft
GPM:	1,832
Specific Capacity:	14.281



Latest Sand Tester Results:

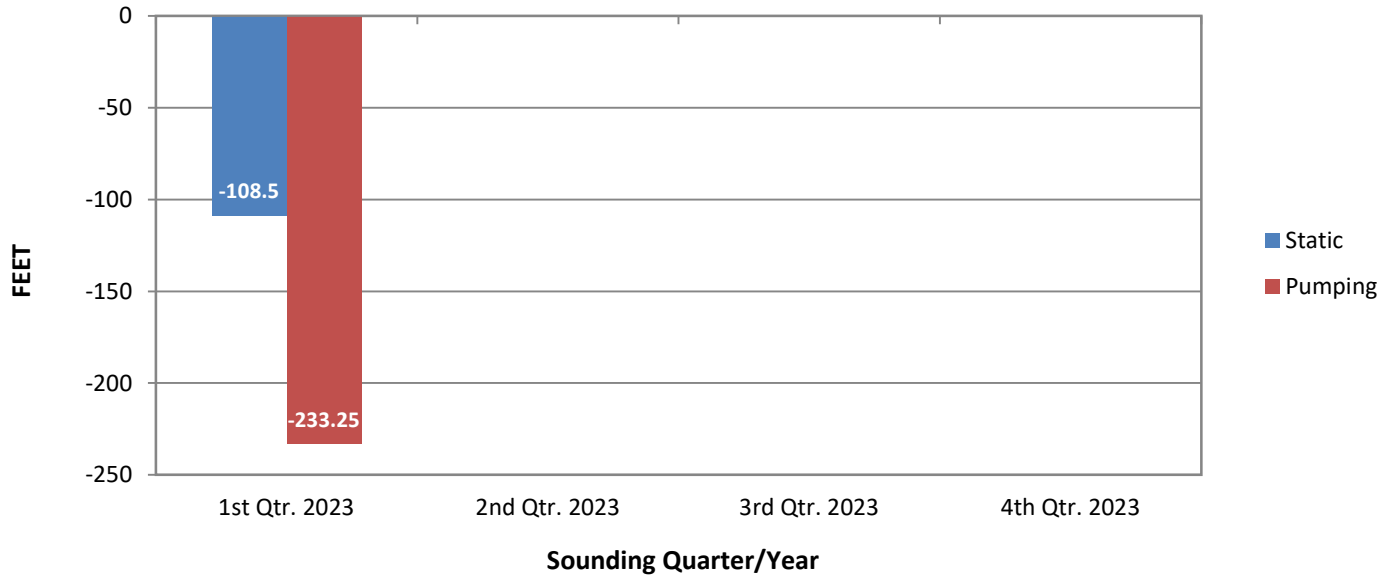
15 Min: -- ppm



Elk Grove Water District

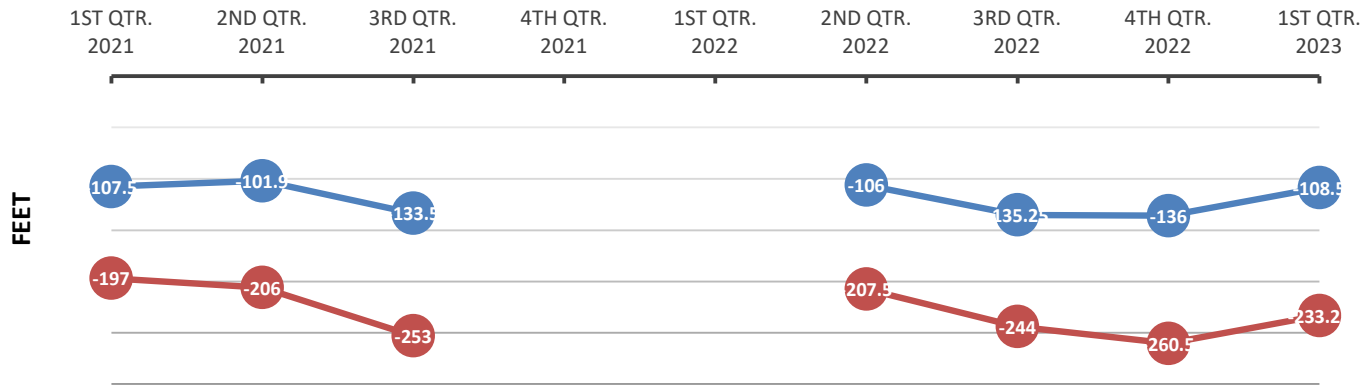
Static and Pumping Levels

Well 11D Dino



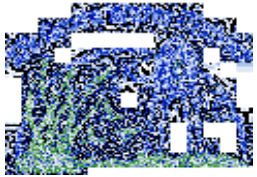
Latest Well Sounding

Static:	108.5 Ft
Pumping:	233.25 Ft
Drawdown:	124.75 Ft
GPM:	1,705
Specific Capacity:	13.665



Latest Sand Tester Results:

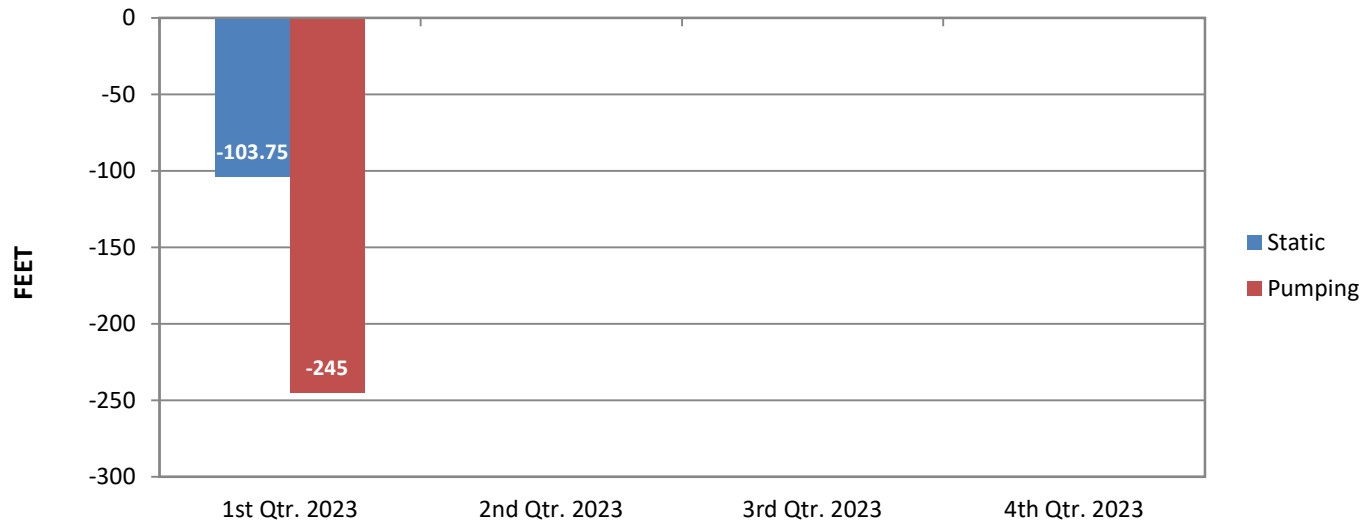
15 Min: < 5 ppm



Elk Grove Water District

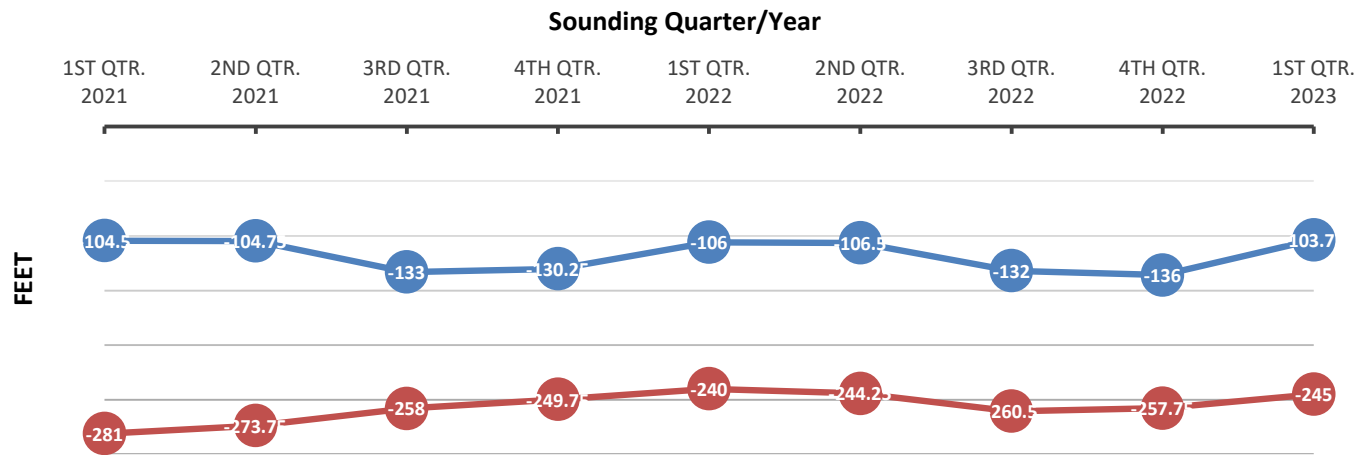
Static and Pumping Levels

Well 14D Railroad



Latest Well Sounding

Static:	103.75 Ft
Pumping:	245 Ft
Drawdown:	141.25 Ft
GPM:	1,514
Specific Capacity:	10.717



Latest Sand Tester Results:

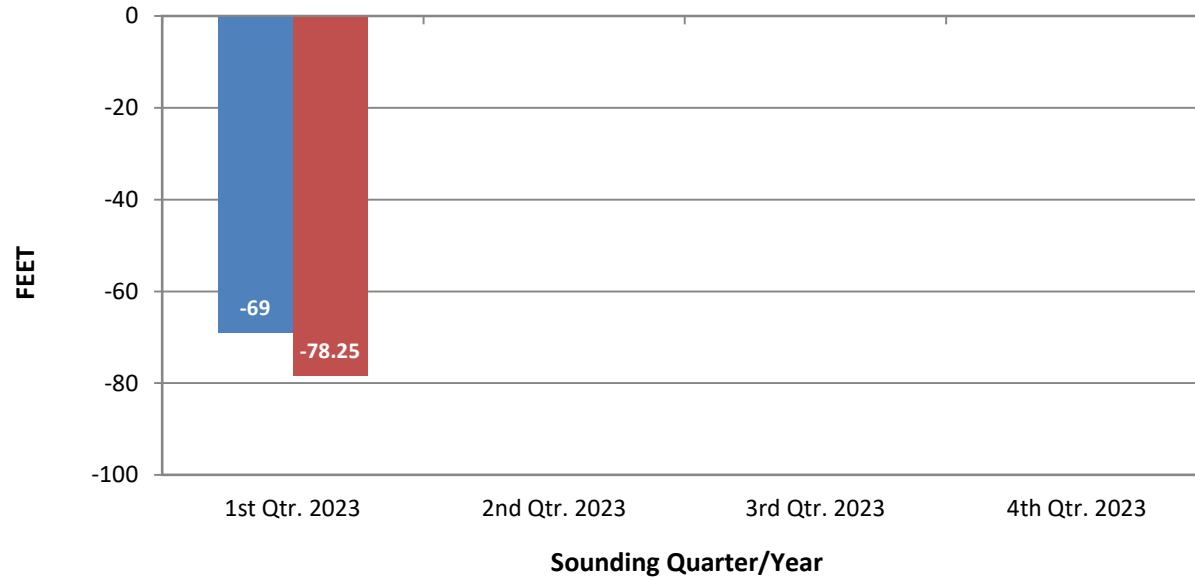
15 Min: -- ppm



Elk Grove Water District

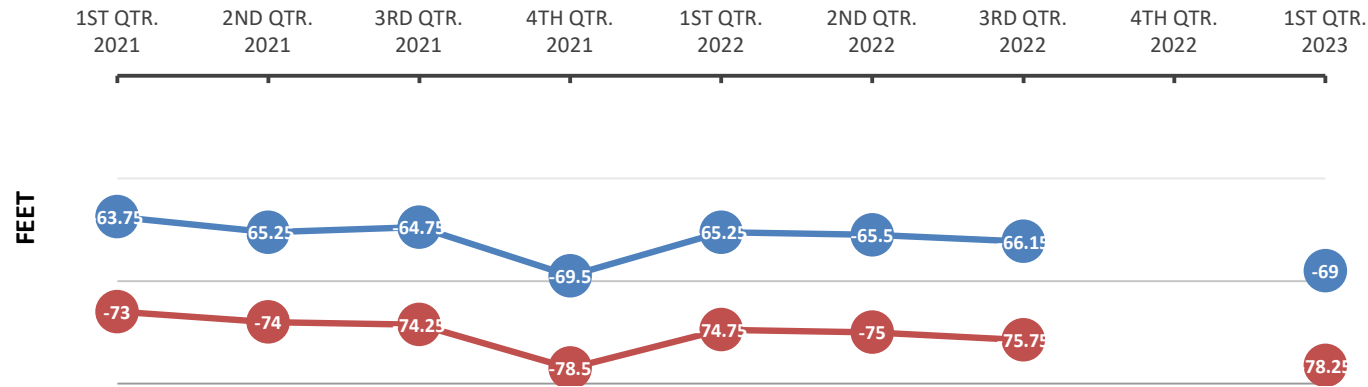
Static and Pumping Levels

Well 8 Williamson



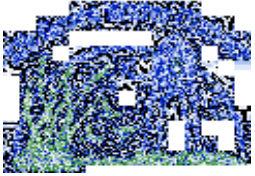
Latest Well Sounding

Static: 69 Ft
Pumping: 78.25 Ft
Drawdown: 9.25 Ft
GPM: 559
Specific Capacity: 60.417



Latest Sand Tester Results:

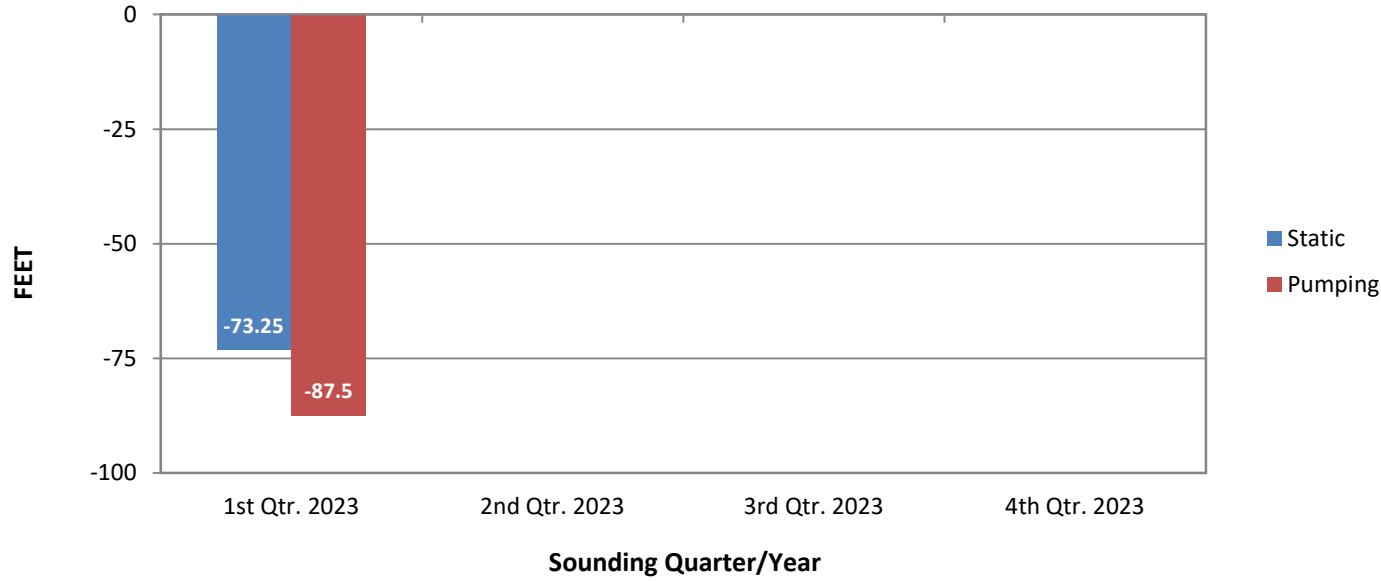
15 Min: < 5 ppm



Elk Grove Water District

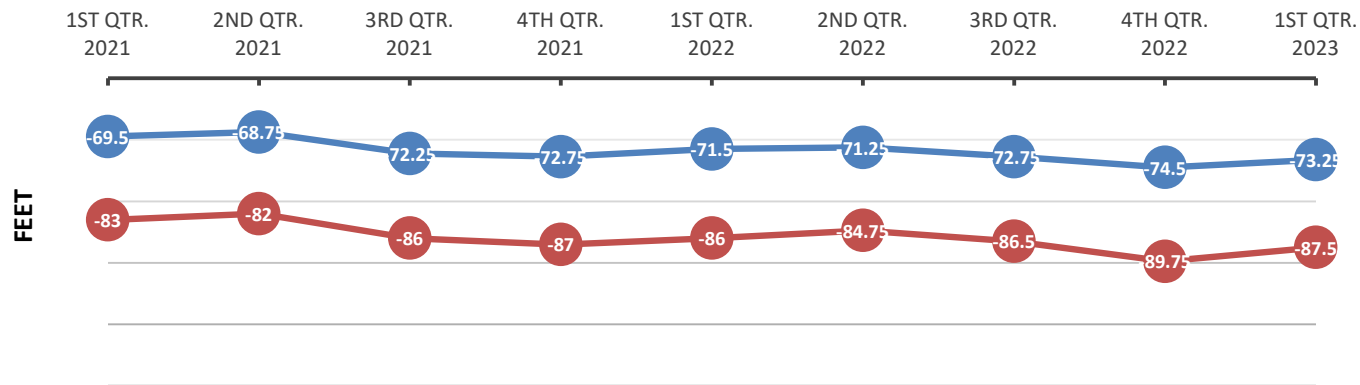
Static and Pumping Levels

Well 9 Polhemus



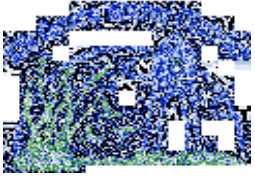
Latest Well Sounding

Static:	73.25 Ft
Pumping:	87.5 Ft
Drawdown:	14.25 Ft
GPM:	494
Specific Capacity:	34.660



Latest Sand Tester Results:

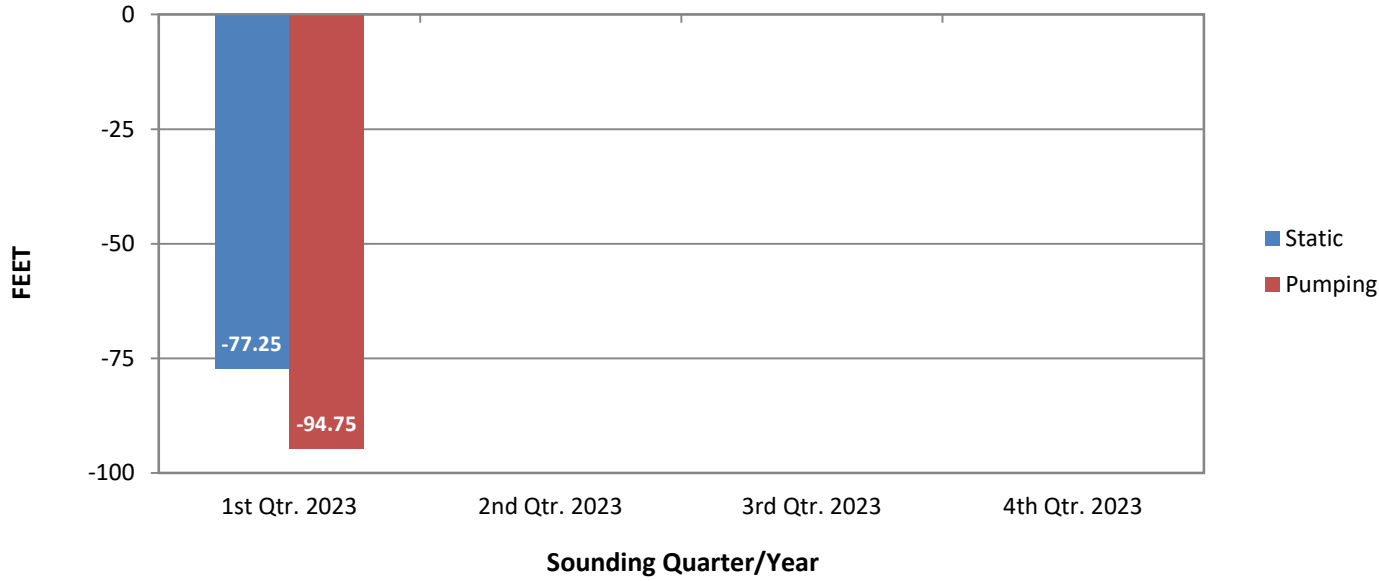
15 Min: -- ppm



Elk Grove Water District

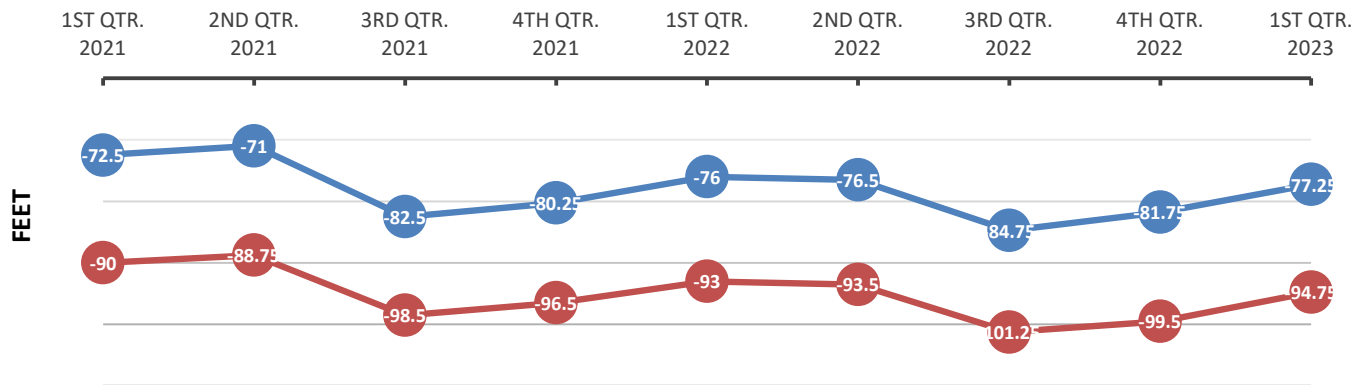
Static and Pumping Levels

Well 13 Hampton



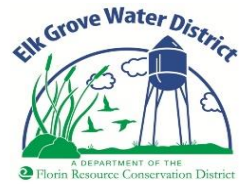
Latest Well Sounding

Static:	77.25 Ft
Pumping:	94.75 Ft
Drawdown:	17.5 Ft
GPM:	960
Specific Capacity:	54.834



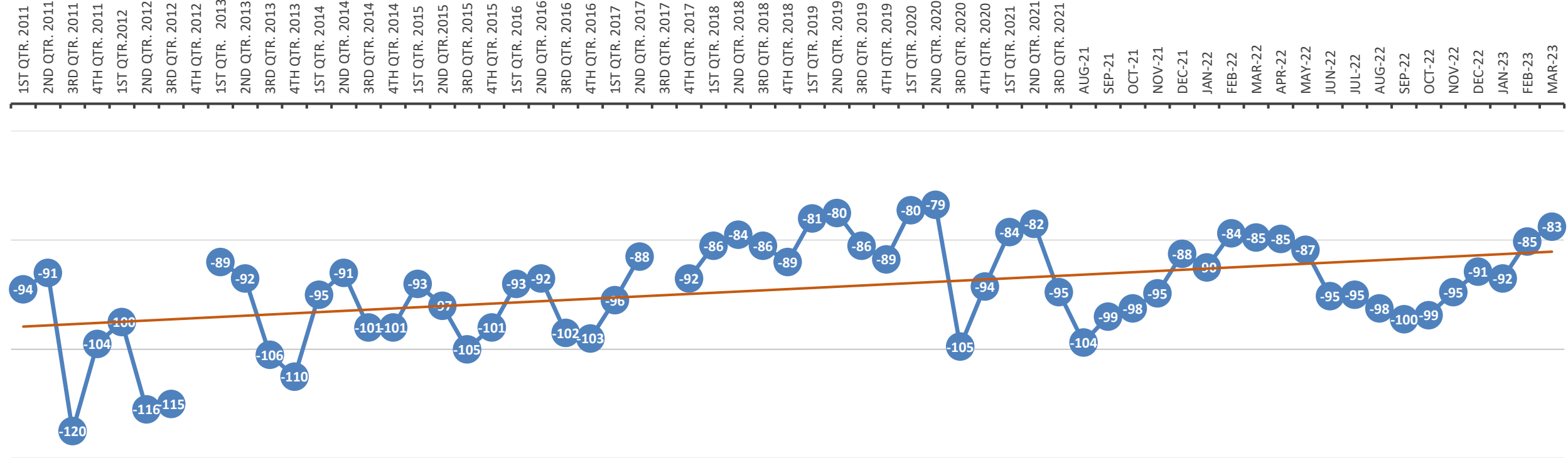
Latest Sand Tester Results:

15 Min: -- ppm

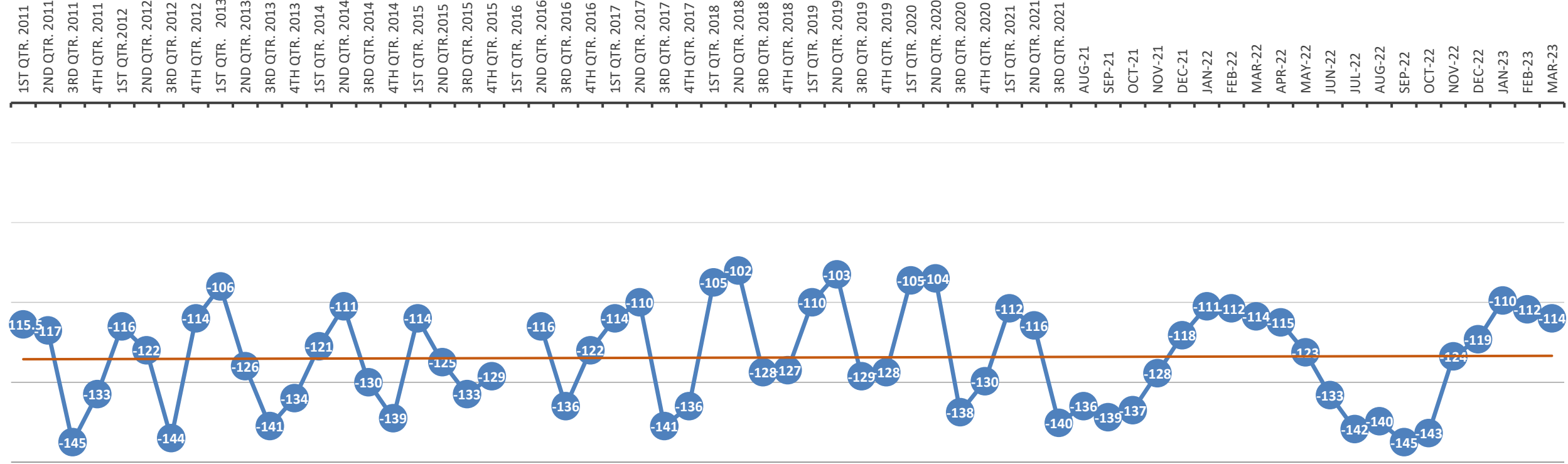


Historic Static Well Levels

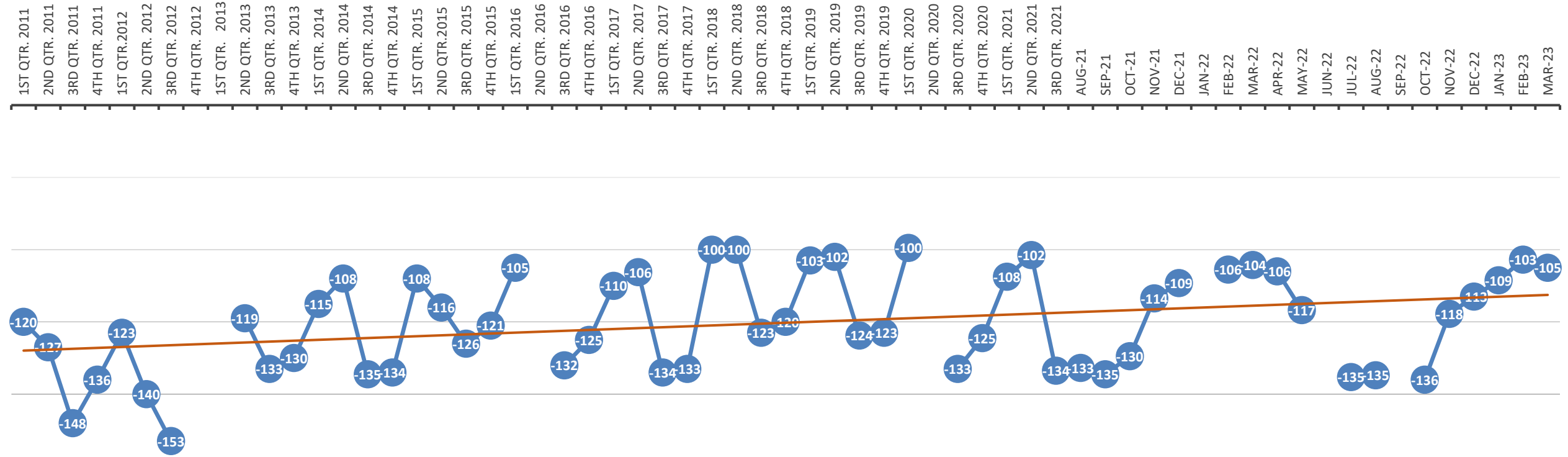
Well 1D



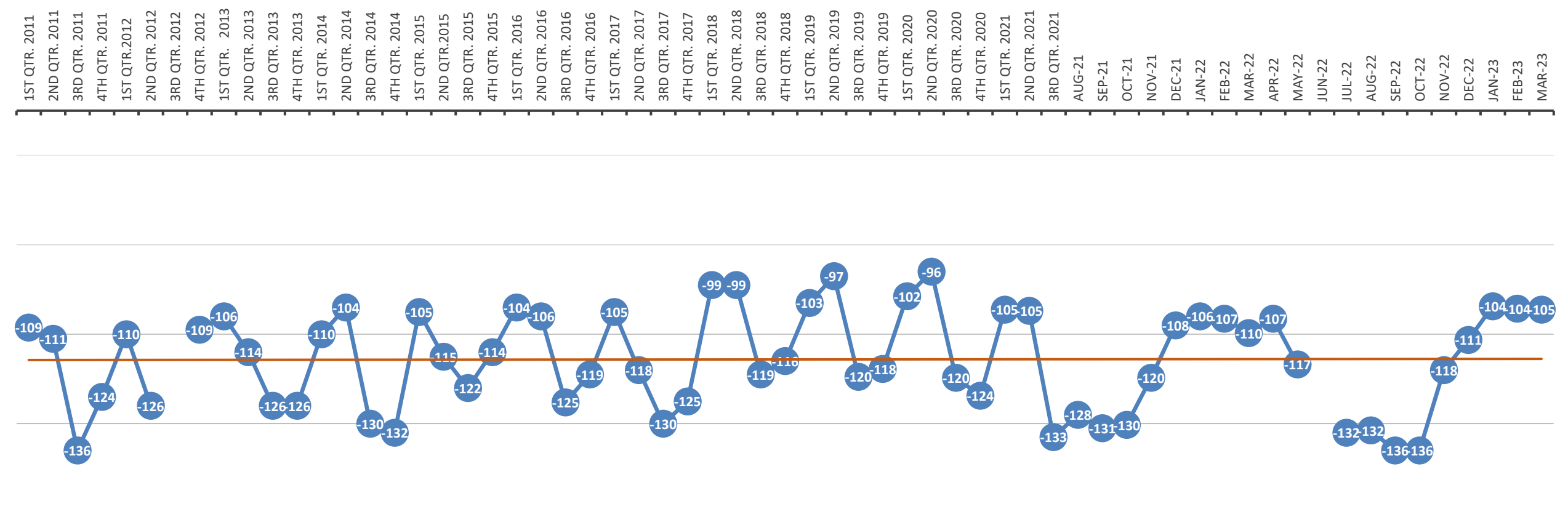
Well 4D



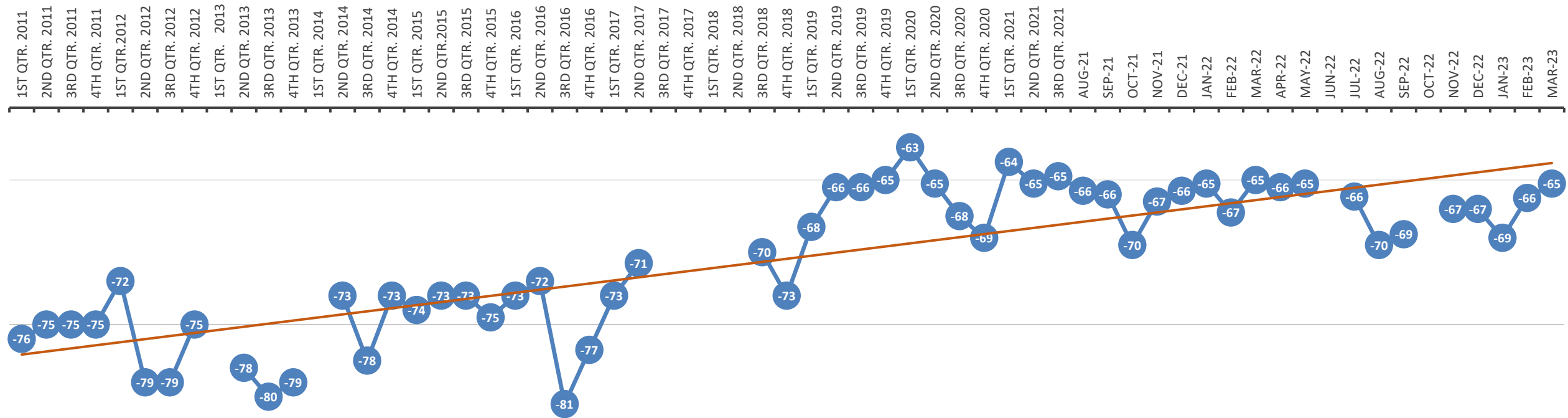
Well 11D



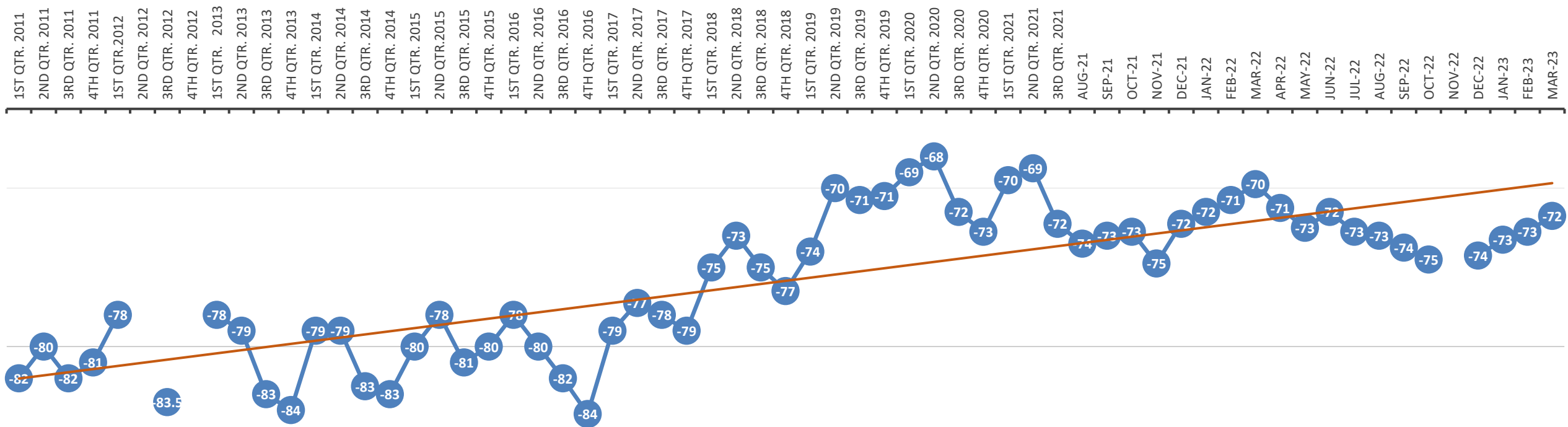
Well 14D



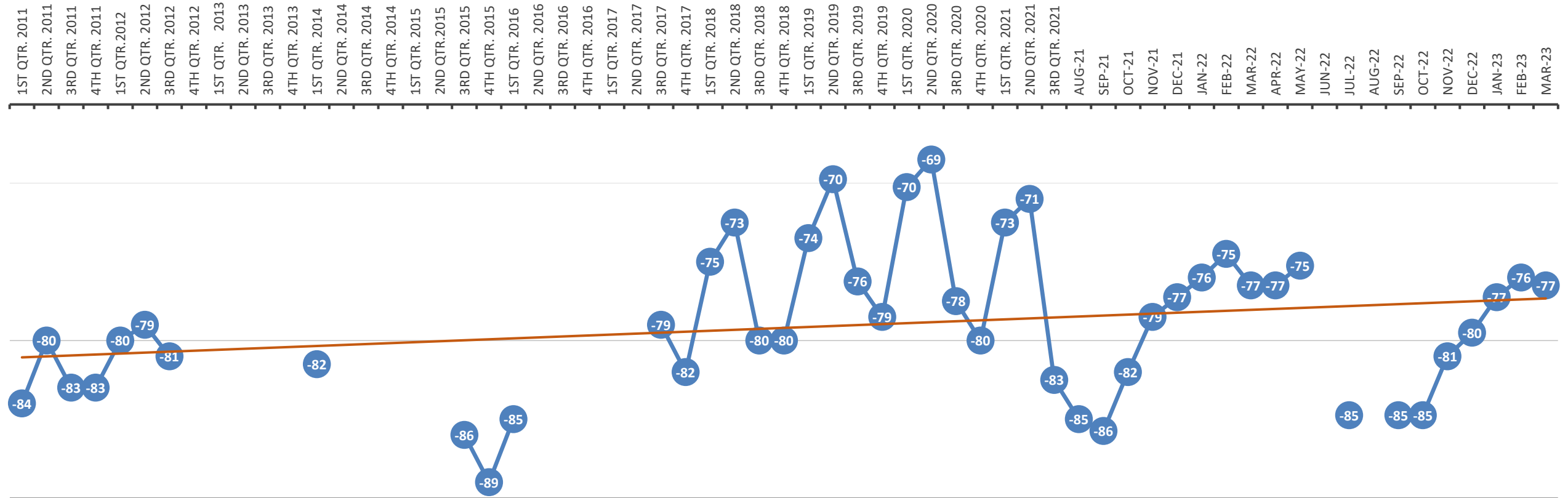
Well 8



Well 9



Well 13



Monthly Sample Report - March 2023
Water System: Elk Grove Water System

Sampling Point: 01 - 8693 W. Camden

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week

Sampling Point: School Well 01D - Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
			Quarterly

Sampling Point: 02 - 9425 Emerald Vista

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week

Sampling Point: 03 - 8809 Valley Oak

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week

Sampling Point: Webb Well 04D - Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Source Water	3 mo - PFAS	Quarterly

Sampling Point: 04 - 10122 Glacier Point

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week

Sampling Point: 05 - 9230 Amsden Ct.

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week

Sampling Point: 06 - 9227 Rancho Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week

Sampling Point: 07 - Al Gates Park Mainline Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week

Sampling Point: - Williamson Well 8 Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
--------------------	---------------------	--------------------	------------------------------

Sampling Point: 09 - 9436 Hollow Springs Wy.

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week

Sampling Point: Polhemus Well 9 Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
			Quarterly

Sampling Point: 09 - 8417 Blackman Wy.

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week

Sampling Point: 10 - 9373 Oreo Ranch Cir.

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week

Sampling Point: 11 - 9907 Kapalua Ln.

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week
3/1/2023	Distribution System	Fluoride	Monthly

Sampling Point: 12-9205 Meadow Grove Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Distribution System	Bacteriological	Week
3/7/2023	Distribution System	Bacteriological	Week
3/13/2023	Distribution System	Bacteriological	Week
3/20/2023	Distribution System	Bacteriological	Week
3/27/2023	Distribution System	Bacteriological	Week

Sampling Point: Dino Well 11D - Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Source Water	3 mo - PFAS	Quarterly

Sampling Point: Hampton Well 13 - Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/7/2023	Source Water	Fe, Mn, As, Total	Weekly
3/13/2023	Source Water	Fe, Mn, As, Total	Weekly
3/20/2023	Source Water	Fe, Mn, As, Total	Weekly
3/27/2023	Source Water	Fe, Mn, As, Total	Weekly
3/1/2023	Source Water	3 mo - PFAS	Quarterly

Sampling Point: Hampton WTP Effluent

Sample Date	Sample Class	Sample Name	Collection Occurrence
3/7/2023	Treated Effluent	Fe, Mn, As, Total	Weekly
3/13/2023	Treated Effluent	Fe, Mn, As, Total	Weekly
3/20/2023	Treated Effluent	Fe, Mn, As, Total	Weekly
3/27/2023	Treated Effluent	Fe, Mn, As, Total	Weekly

Sampling Point: Hampton WTP Backwash Tank			
Sample Date	Sample Class	Sample Name	Collection Occurrence

Sampling Point: Railroad Well 14D - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
3/1/2023	Source Water	3 mo - PFAS	Quarterly

Sampling Point: Railroad WTP Effluent			
Sample Date	Sample Class	Sample Name	Collection Occurrence
3/7/2023	Treated Plant Effluent	WTP Eff - Fe,Mn,As,Al Total	Month

Sampling Point: Railroad WTP Backwash Tank			
Sample Date	Sample Class	Sample Name	Collection Occurrence

Sampling Point: Special Distribution/Construction Samples			
Sample Date	Sample Class	Sample Name	Collection Description
3/8/2023	Distribution System	Bacteriological	9621 Walnut Alleyway New Mail Line Install

<u>Colors</u>	<u>Monthly Total</u>	<u>Yearly Total</u>
Black = Scheduled	74	213
Green = Unscheduled	1	7
Red = Incomplete Sample	0	



April 10, 2023

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 March 2023.

If you have any further questions, you may contact me at 916-585-9386

STEVE SHAW
WATER TREATMENT SUPERVISOR

COMPLIANCE REPORT FORM

Attn: Ursula Bigler	E-mail: bigleru@sacsewer.com	Wastewater Source Control Section
Phone (916) 875-9093		Fax (916) 875-6374
From: Steve Shaw		
Company: Elk Grove Water District		Permit #: WTP010

The following reports and information are attached (check all that apply):

Month:	March	Year:	2023
---------------	-------	--------------	------

<input checked="" type="checkbox"/>	Water use/flow meter report		Total Gallons
		Hampton WTP	12,650
		Railroad WTP	0
		Analyzer Water	35,712

Monitoring results/analytical report

Discharge Rate

Check the statement below that applies to this report:

- Based on a review of this facility's flow data, 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 (Flow or pH meter, etc.)

Other (describe):

Domestic Calculation

Domestic Usage	Number of Employees	Business Days per Month	Allowance (gallons per day)	Gallons
Production	11	20	15	3,300
Office	3	20	10	600
Drivers/Field	2	20	3	120
Total				4,020

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:

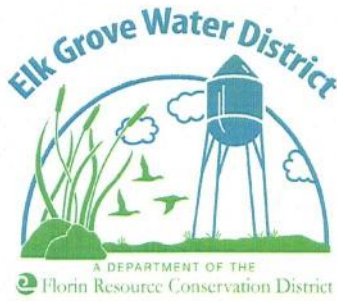


PRINTED NAME, TITLE:

Steve Shaw Water Treatment Supervisor
 (Name) (Title)

DATE:

April 10, 2023



April 10, 2023

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 March 2023.

If you have any further questions, you may contact me at 916-585-9386.

A handwritten signature in blue ink, appearing to read "Steve Shaw", is positioned above the typed name.

STEVE SHAW
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;">March</p>	Year <p style="text-align: center; font-size: 1.2em;">2023</p>

	Number Required	Number Collected	Number Total Coliform Positives	Number E.coli Positives
1. Routine Samples (see note 1)	60	60	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)	60	60	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)			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If a Level 2 Assessment is triggered, see note 8 below.</i>				
a Level 1 Assessment TT? (see note 7 for trigger info)			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If a Level 1 Assessment is triggered, see note 9 below.</i>				
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: Steve Shaw				
Signature 	Title <p style="text-align: center; font-size: 1.2em;">Water Treatment Supervisor</p>	Date <p style="text-align: right; font-size: 1.2em;">4.10.2023</p>		

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.**



April 10, 2023

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 March 2023.

If you have any further questions, you may contact me at 916-585-9386.

A handwritten signature in blue ink, appearing to read 'STEVE SHAW', is positioned above the printed name.

STEVE SHAW
WATER TREATMENT SUPERVISOR

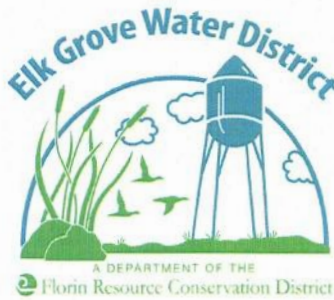
Elk Grove Water District

Hampton GWTP Monthly Report

PWS Number 3410008-013
 GWTP Name Hampton Water Treatment Plant

Month: March

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	24,637.80		443,101,873		30,648,574	37,425,519											
1	24,637.80	0	443,101,873	0	30,648,574	37,425,519	3/7/2023	0.026	0.105	0.205	0.012	2	1	Inf. pH Eff. pH			
2	24,638.10	0.3	443,118,068	16195	30,648,574	37,425,519	3/13/2023	0.005	0.034	0.014	0.002	2	1	Week 1: 7.2 to 7.6			
3	24,638.10	0	443,118,068	0	30,648,574	37,425,519	3/20/2023	0.014	0.028	0.022	0.011	2	1	Cl2		0.59	
4	24,638.10	0	443,118,068	0	30,648,574	37,425,519	3/27/2023	0.018	0.05	0.02	0.004	2	1	Week 2: 7.2 to 7.5			
5	24,638.10	0	443,118,068	0	30,648,574	37,425,519								Cl2		0.75	
6	24,638.10	0	443,118,068	0	30,648,574	37,425,519								Week 3: 7.2 to 7.5			
7	24,638.10	0	443,118,068	0	30,648,574	37,425,519	Total Gallons Sodium Hypochlorite:			3.9 Gal			Cl2		0.75		
8	24,638.60	0.5	443,146,939	28871	30,648,576	37,425,519	Pounds per day			0.157 Lbs/Day			Week 4: 7.0 to 7.5				
9	24,638.60	0	443,146,939	0	30,648,576	37,425,519	Dosage (Milligrams Per Liter @ 12.5% Cl)			1.8 mg/L			Cl2		0.74		
10	24,638.60	0	443,146,939	0	30,648,576	37,425,519								Week 5: to			
11	24,638.60	0	443,146,939	0	30,648,576	37,425,519	Total Gallons Ferric Chloride:			1.6 Gal			Cl2				
12	24,638.60	0	443,146,939	0	30,648,576	37,425,519	Dosage (Milligrams Per Liter @ 38% FeCl)			.65mg/L							
13	24,638.60	0	443,146,939	0	30,648,576	37,425,519											
14	24,641.40	2.8	443,301,118	154179	30,659,379	37,434,537	Total Gallons Sodium Hydroxide:			1.9 Gal							
15	24,641.40	0	443,301,118	0	30,659,379	37,434,537	Dosage (Gallons Per Hour @ 30% NaOH)			0.48 Gal/Hr							
16	24,641.40	0	443,301,118	0	30,659,379	37,434,537											
17	24,641.40	0	443,301,118	0	30,659,379	37,434,537	Total Gallons Sulfuric Acid :			1.7 Gal							
18	24,641.40	0	443,301,118	0	30,659,379	37,434,537	Dose (Gallons Per Hour @ 93% H2SO4)			0.33 Gal/Hr							
19	24,641.40	0	443,301,118	0	30,659,379	37,434,537											
20	24,641.40	0	443,301,118	0	30,659,379	37,434,537	Total Backwashed		10,805 Gal		Total Run Hours		4.1Hours				
21	24,641.90	0.5	443,329,291	28173	30,659,379	37,438,169											
22	24,641.90	0	443,329,291	0	30,659,379	37,438,169	Total Water Pumped		253,365 Gal		Total Backwash Waste		12,650 Gal				
23	24,641.90	0	443,329,291	0	30,659,379	37,438,169											
24	24,641.90	0	443,329,291	0	30,659,379	37,438,169	Reporting Limits/Units			Maximum Contaminant Levels (MCLs)							
25	24,641.90	0	443,329,291	0	30,659,379	37,438,169	Iron = 0.100 mg/L			Iron (Fe) = 0.300 mg/L (Secondary)							
26	24,641.90	0	443,329,291	0	30,659,379	37,438,169	Manganese = 0.010 mg/L			Manganese (Mn) = 0.050 mg/L (Secondary)							
27	24,641.90	0	443,329,291	0	30,659,379	37,438,169	Arsenic = 1.0 µg/L			Arsenic (As) = 10 µg/L (Primary)							
28	24,641.90	0	443,355,238	25947	30,659,379	37,438,169											
29	24,641.90	0	443,355,238	0	30,659,379	37,438,169											
30	24,641.90	0	443,355,238	0	30,659,379	37,438,169	Prepared By: Steve Shaw				Date: 4/10/2023						
31	24,641.90	0	443,355,238	0	30,659,379	37,438,169											
Total		4.10		253,365	10,805	12,650											



March 29, 2023

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 March 2023.

If you have any further questions, you may contact me at 916-585-9386.

A handwritten signature in blue ink, appearing to read "STEVE SHAW". The signature is fluid and cursive, with a long horizontal stroke at the end.

STEVE SHAW
WATER TREATMENT SUPERVISOR

ELK GROVE WATER DISTRICT AREA 2

DISTRIBUTION SYSTEM

MONTHLY FLUORIDATION MONITORING REPORT

March-23

Week	Location of Sample	Monitoring Results (mg/L)		
		Date	Time	Results
1	Hollow Springs	3/1/2023	9:44 AM	0.55
1	Kapalua	3/1/2023	10:10 AM	0.46
1	Al Gates Park	3/1/2023	10:35 AM	0.68
1	Oreo Ranch	3/1/2023	11:02 AM	0.58
1	Blackman	3/1/2023	12:15 PM	0.81
2	Hollow Springs	3/7/2023	9:19 AM	0.57
2	Kapalua	3/7/2023	9:47 AM	0.67
2	Al Gates Park	3/7/2023	10:10 AM	0.68
2	Oreo Ranch	3/7/2023	10:40 AM	0.73
2	Blackman	3/7/2023	12:23 PM	0.68
3	Hollow Springs	3/13/2023	9:26 AM	0.56
3	Kapalua	3/13/2023	9:52 AM	0.69
3	Al Gates Park	3/13/2023	10:14 AM	0.82
3	Oreo Ranch	3/13/2023	10:50 AM	0.8
3	Blackman	3/13/2023	12:07 PM	0.07
4	Hollow Springs	3/20/2023	9:19 AM	0.45
4	Kapalua	3/20/2023	9:45 AM	0.77
4	Al Gates Park	3/20/2023	10:15 AM	0.74
4	Oreo Ranch	3/20/2023	10:47 AM	0.66
4	Blackman	3/20/2023	1:45 PM	0.82
5	Hollow Springs	3/27/2023	9:12 AM	0.35
5	Kapalua	3/27/2023	9:39 AM	0.63
5	Al Gates Park	3/27/2023	10:07 AM	0.61
5	Oreo Ranch	3/27/2023	10:28 AM	0.69
5	Blackman	3/27/2023	12:24 PM	0.63

Monthly fluoride split sample results: _____

Date: 4/10/2023

Water System Results: _____ 0.46 mg/L

Approved Lab: _____ 0.73 mg/L

Contact Name: Steve Shaw

Telephone : (916) 585-9386

System PWS Number: 3410008



April 10, 2023

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

**QUARTERLY REPORT FOR DISINFECTANT RESIDUALS COMPLIANCE
MONITORING**

Enclosed is the Quarterly Report for Disinfectant Residuals Compliance Monitoring from Elk Grove Water District for 1st Quarter 2023.

If you have any further questions, you may contact me at 916-585-9386

A handwritten signature in blue ink, appearing to read "Steve Shaw", is positioned above the printed name.

STEVE SHAW
WATER TREATMENT SUPERVISOR

Quarterly Report for Disinfectant Residuals Compliance For Systems Using Chlorine or Chloramines

System Name: Elk Grove Water District Area 1

System No.: 3410008

Calendar Year: 2023

Quarter: 1st

1st Quarter			
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Previous Year	April		0.96
	May		0.99
	June		1.00
	July		0.94
	August		1.00
	September		0.99
	October		0.96
	November		0.99
	December		0.89
	Current Year		January
February		21	0.86
March		35	0.86
Running Annual Average (RAA):			0.94
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

2nd Quarter				
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)	
Previous Year	July		0.94	
	August		1.00	
	September		0.99	
	October		0.96	
	November		0.99	
	December		0.89	
Current Year	January		0.81	
	February		0.86	
	March		0.86	
	April		28	0.86
	May		35	0.92
	June		28	0.91
Running Annual Average (RAA):			0.92	
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

3rd Quarter				
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)	
Previous Yr	October		0.96	
	November		0.99	
	December		0.89	
Current Year	January		0.81	
	February		0.86	
	March		0.86	
	April		0.86	
	May		0.92	
	June		0.91	
	July		28	0.87
	August		35	0.82
	September		28	0.84
Running Annual Average (RAA):			0.88	
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

4th Quarter				
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)	
Current Year	January		0.81	
	February		0.86	
	March		0.86	
	April		0.86	
	May		0.92	
	June		0.91	
	July		0.87	
	August		0.82	
	September		0.84	
	October		35	0.84
	November		28	0.88
	December		28	0.88
Running Annual Average (RAA):			0.86	
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Comments: The Elk Grove Water District is split into two different water systems. Area 1 water is produced and distributed by Elk Grove Water District.

Signature:

Date: April 10, 2023

Quarterly Report for Disinfectant Residuals Compliance For Systems Using Chlorine or Chloramines

System Name: Elk Grove Water District Area 2

System No.: 3410008

Calendar Year: 2023

Quarter: 1st

1st Quarter				
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)	
Previous Year	April		1.19	
	May		1.21	
	June		1.17	
	July		1.14	
	August		1.13	
	September		1.09	
	October		0.94	
	November		0.87	
	December		0.89	
	Current Year	January	25	1.11
		February	15	1.20
		March	25	1.20
Running Annual Average (RAA):			1.10	
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

2nd Quarter				
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)	
Previous Year	July		1.14	
	August		1.13	
	September		1.09	
	October		0.94	
	November		0.87	
	December		0.89	
	Current Year	January		1.11
		February		1.20
March			1.20	
April		21	1.09	
May		25	1.20	
June		20	1.21	
Running Annual Average (RAA):			1.09	
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

3rd Quarter			
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Previous Yr	October		0.94
	November		0.87
	December		0.89
Current Year	January		1.11
	February		1.20
	March		1.20
	April		1.09
	May		1.20
	June		1.21
	July	20	1.29
	August	25	1.20
	September	21	1.38
Running Annual Average (RAA):			1.13
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

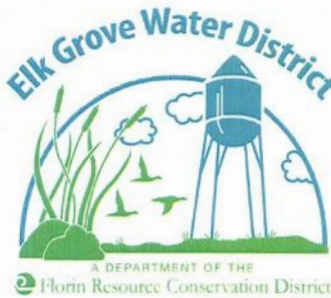
4th Quarter			
	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Current Year	January		1.11
	February		1.20
	March		1.20
	April		1.09
	May		1.20
	June		1.21
	July		1.29
	August		1.20
	September		1.38
	October	25	1.22
	November	20	0.82
	December	20	0.90
Running Annual Average (RAA):			1.15
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Comments: The Elk Grove Water District is split into two different water systems. Area 2 is whole sale water from Sacramento County Water Agency.

Signature: _____



Date: April 10, 2023



March 29, 2023

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

QUARTERLY SUMMARY OF RAW GROUNDWATER COLIFORM MONITORING

Enclosed is the Quarterly Summary of Raw Groundwater Coliform Monitoring from Elk Grove Water District for 1st Quarter 2023.

If you have any further questions, you may contact me at 916-585-9386

A handwritten signature in blue ink, appearing to read "Steve Shaw", is written above the printed name.

STEVE SHAW
WATER TREATMENT SUPERVISOR

QUARTERLY SUMMARY OF RAW GROUNDWATER COLIFORM MONITORING

Samples must be taken prior to chlorination

Water System Name

Elk Grove Water District

Water System Number

3410008

Sampling Period:

Month January / March

Year 2023

Well Name	Status (On/Off)	Sample Time & Date	Total Coliforms (P/A, CFU or MPN)	<i>E. coli</i> (P/A, CFU or MPN)
Well # 1D School St.	ON	1/24/23 8:10 AM	A	A
Well # 4D Webb St.	ON	2/14/23 1:25 PM	A	A
Well # 11D Dino Dr.	OFF	1/18/23 2:39 PM	A	A
Well 14D Railroad St.	ON	1/24/23 7:30 AM	A	A
Well # 8 Williamson	ON	1/18/23 2:57 PM	A	A
Well # 9 Polhemus	ON	2/14/23 1:25 PM	A	A
Well # 13 Hampton	ON	1/18/23 11:25 AM	A	A



April 10, 2023

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

QUARTERLY TTHM AND HAA5 REPORT FOR DISINFECTION BYPRODUCTS COMPLIANCE

Enclosed is the Quarterly TTHM and HAA5 Report from Elk Grove Water District for the 1st quarter 2023.

If you have any further questions, you may contact me at 916-585-9386.

A handwritten signature in blue ink, appearing to read "Steve Shaw". The signature is stylized and somewhat cursive.

STEVE SHAW
WATER TREATMENT SUPERVISOR

Quarterly HAA5 Report for Disinfection Byproducts Compliance (in µg/L or ppb)

System Name: Elk Grove Water District System No.: 3410008 Year: 2023 Quarter: 1

Year:	2019				2020				2021				2022				2023			
Quarter:	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Sample Date (month/date):	1/15	4/9	7/16	10/22	2/4	4/7	7/14	10/6	1/19	4/6	7/6	10/5	1/11	4/5	7/12	10/11	1/17			
Site Q1 HAA5 Results	29	28	0	0	0	19	0	0	0	21	0	0	31	12	0	0	34			
Lcn. Running Annual Average	29	29	19	14	7	5	5	5	5	5	5	5	13	11	11	11	12	N/A	N/A	N/A
Meets Standard? ¹	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
(check box)	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	14	7	0	10	5	5	0	11	5	5	16	14	11	3	17	N/A	N/A	N/A
Op Evaluation Req'd? ²	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
(check box)	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>
Site Q2 HAA5 Results																				
Lcn. Running Annual Average	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Meets Standard? ¹	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
(check box)	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Op Evaluation Req'd? ²	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
(check box)	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>
Site Q3 HAA5 Results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Lcn. Running Annual Average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A
Meets Standard? ¹	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
(check box)	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A
Op Evaluation Req'd? ²	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
(check box)	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>
Site Q4 HAA5 Results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Lcn. Running Annual Average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A
Meets Standard? ¹	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
(check box)	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A
Op Evaluation Req'd? ²	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
(check box)	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>
Quarterly Average	10	9	0	0	0	6	0	0	0	7	0	0	10	4	0	0	11	N/A	N/A	N/A
No. Samples This Quarter	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0


Identify the sample locations in the table below.

Site	Sample Location
Q1	9436 Hollow Springs
Q2	
Q3	8693 W. Camden
Q4	9230 Amsden Ct

Comments:

¹ Meets Standard - LRAA, calculated quarterly, is less than 60 ug/L

² Operation Evaluation Req'd - Projected LRAA, calculated quarterly, is greater than 60 ug/L


 Signature _____

April 10, 2023
 Date _____

*If, during the first year of monitoring, any individual quarter's average will cause the running annual average of that system to exceed the standard, then the system is out of compliance at the end of that quarter.

Quarterly TTHM Report for Disinfection Byproducts Compliance (in µg/L or ppb)

System Name: Elk Grove Water District System No.: 3410008 Year: 2023 Quarter: 1

Year:	2019				2020				2021				2022				2023			
Quarter:	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Sample Date (month/date):	1/15	4/9	7/16	10/22	2/4	4/7	7/14	10/6	1/19	4/6	7/6	10/5	1/11	4/5	7/12	10/11	1/17			
Site Q1 TTHM Results	45	38	0	1	1	31	0	3	1	40	0	0	38	25	0	6	44			
Lcn. Running Annual Average	45	42	28	21	10	8	8	9	9	11	11	10	20	16	16	17	19	N/A	N/A	N/A
Meets Standard? ¹ (check box)	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	21	10	1	16	8	9	1	21	10	10	19	22	16	9	23	N/A	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
Site Q2 TTHM Results																				
Lcn. Running Annual Average	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Meets Standard? ¹ (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Site Q3 TTHM Results	2	0	0	1	2	2	1	2	2	1	1	0	0	7	0	0	1			
Lcn. Running Annual Average	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	N/A	N/A	N/A
Meets Standard? ¹ (check box)	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	1	0	1	2	1	1	1	1	1	1	0	3	2	2	1	N/A	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Site Q4 TTHM Results	3	1	0	0	2	3	0	1	1	1	1	0	3	5	0	0	1			
Lcn. Running Annual Average	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	N/A	N/A	N/A
Meets Standard? ¹ (check box)	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	1	0	1	2	1	1	1	1	1	1	1	3	2	1	1	N/A	N/A	N/A
Op Evaluation Req'd? ² (check box)	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/>
Quarterly Average	17	13	0	1	2	12	0	2	1	14	1	0	14	12	0	2	16	N/A	N/A	N/A
No. Samples This Quarter	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0

Identify the sample locations in the table below.

Site	Sample Location
Q1	9436 Hollow Springs
Q2	
Q3	8693 W. Camden
Q4	9230 Amsden Ct

¹ Meets Standard - LRAA, calculated quarterly, is less than 80 ug/L

² Operation Evaluation Req'd - Projected LRAA, calculated quarterly, is greater than 80 ug/L


Signature

April 10, 2023
Date

*If, during the first year of monitoring, any individual quarter's average will cause the running annual average of that system to exceed the standard, then the system is out of compliance at the end of that quarter.

Elk Grove Water District

Preventative Maintenance Program

Groundwater Wells

		Monthly												Semi-annual		Annual			
		Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1ST 6-MO.	2ND 6-MO.	Refer.	2023
Well 14D Railroad	Initials	Sect: 7.1	AH	AH	BW										Sect: 7.2			Sect: 7.3	
	Date		1/23/23	2/15/23	3/22/23														
	W.O. #		21497	21568	21658														
Well 4D Webb	Initials	Sect: 8.1	BW	AH	AH										Sect: 8.2			Sect: 8.3	
	Date		1/10/23	2/10/23	3/15/23														
	W.O. #		21498	21569	21659														
Well 11D Dino	Initials	Sect: 9.1	AH	AH	BW										Sect: 9.2			Sect: 9.3	
	Date		1/5/23	2/15/23	3/6/23														
	W.O. #		21499	21570	21660														
Well 1D School	Initials	Sect: 13.1	AH	AH	AH										Sect: 13.2			Sect: 13.3	
	Date		1/23/23	2/15/23	3/16/23														
	W.O. #		21500	21571	21661														
Well 8 Williamson	Initials	Sect: 11.1	BW	BW	BW										Sect: 11.4			Sect: 11.4	
	Date		1/9/23	2/6/23	3/6/23														
	W.O. #		21501	21573	21662														
Well 9 Polhemus	Initials	Sect: TBD	BW	BW	BW										Sect: TBD			Sect: TBD	
	Date		1/5/23	2/6/23	3/6/23														
	W.O. #		21502	21573	21663														
Well 13 Hampton	Initials	Sect: TBD	AH	AH	AH										Sect: TBD			Sect: TBD	
	Date		1/18/23	2/13/23	3/7/23														
	W.O. #		21503	21574	21664														

Year: 2023

Elk Grove Water District

Preventative Maintenance Program

Railroad Water Treatment and Storage Facility

Item	Monthly													Quarterly					Semi-annual					Annual	
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1st	2nd	3rd	4th	Refer.	1ST MO.	6-2ND MO.	6-	Refer.	2023	
Clor-Tec System	Initials	Section: 4.2	AH	AH	AH									Section: 4.3	AH								Section: 4.4		
	Date		1/30/23	2/14/23	3/15/23																				
	W.O. #		21504	21575	21674										21678										
Filter System	Initials	Section: 5.1	BW	AH	AH/BW														Section: 5.2				Section: 5.3		
	Date		1/25/23	2/9/23	3/15/23																				
	W.O. #		21505	21576	21675																				
Backwash System	Initials	Section: 2.1	BW	AH	AH/BW														Section: 2.2				Section: 2.3		
	Date		1/25/23	2/14/23	3/15/23																				
	W.O. #		21506	21577	21676																				
Booster Pumps	Initials	Section: 3.1	BW	AH	AH														Section: TBD				Section: 3.2		
	Date		1/25/23	2/9/23	3/15/23																				
	W.O. #		21507	21578	21677																				
LAB	Initials													Section: 1.1	AH										
	Date														3/21/23										
	W.O. #														21679										
Clear Wells	Initials																						Section: 2.4		
	Date																								
	W.O. #																								
MCC	Initials																						Section: 1.2		
	Date																								
	W.O. #																								

Year: 2023

Elk Grove Water District

Preventative Maintenance Program

Hampton Village Water Treatment Plant

Item	Monthly													Quarterly					Semi-annual				Annual	
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1st	2nd	3rd	4th	Refer.	1 ST 6-	2 ND 6-	Refer.	2023	
Chemical Systems	Initials	Section: TBD	AH	AH	AH									Section: TBD	AH							Section: TBD		
	Date		1/18/23	2/13/23	3/7/23										3/21/23									
	W.O. #		21508	21583	21669										21672									
Filter System	Initials	Section: TBD	AH	AH	AH																	Section: TBD		
	Date		1/18/23	2/13/23	3/7/23																			
	W.O. #		21509	21584	21670																			
Backwash Ssystem	Initials	Section: TBD	AH	AH	AH																	Section: TBD		
	Date		1/18/23	2/13/23	3/7/23																			
	W.O. #		21510	21585	21671																			
LAB	Initials													Section: TBD	AH									
	Date														3/21/23									
	W.O. #														21673									
MCC	Initials																					Section: TBD		
	Date																							
	W.O. #																							

Year: 2023

Elk Grove Water District

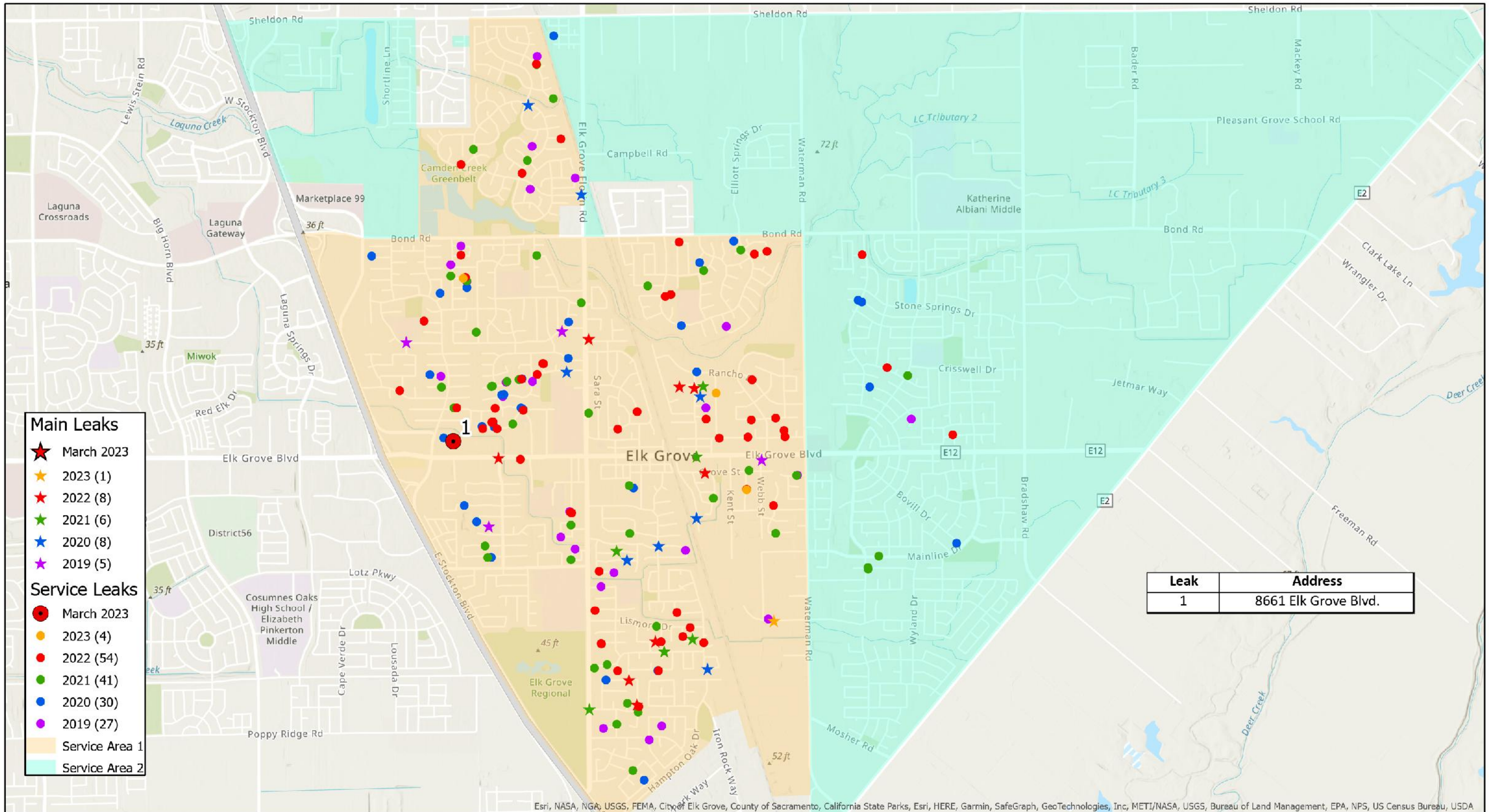
Preventative Maintenance Program

Standby Generators

Item	Monthly														Annual	
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	2023	
Railroad	Initials	Section: TBD	AH	BW	AH									Section: TBD		
	Date		1/27/23	2/13/23	3/30/23											
	W.O. #		21511	21579	21665											
Webb	Initials	Section: TBD	AH	AH	AH									Section: TBD		
	Date			2/10/23	3/15/23											
	W.O. #		21512	21580	21666											
Dino	Initials	Section: TBD	AH	AH	BW									Section: TBD		
	Date			2/15/23	3/6/23											
	W.O. #		21513	21581	21667											
Admin.	Initials	Section: TBD	AH	AH	AH											
	Date		1/25/23	2/26/23	3/13/23											
	W.O. #		21514	21582	21668											
			= Load test													

Elk Grove Water District
 Safety Meetings/Training
 March 2023

Date	Topic	Attendees	Hosted By
3/13/2023	Personal Protective Equipment	Alan Aragon, Stefan Chanh, David Frederick, Jaylyn Gordon-Ford, Aaron Hewitt, James Hinegardner, Sean Hinton, Justin Mello, Jose Mendoza, Sal Mendoza, Michael Montiel, Chris Phillips, Steve Shaw, John Vance, Brandon Wagner, Marcell Wilson	Steve Shaw & Sean Hinton
3/15/2023	Lock Out Tag Out	Alan Aragon, Stefan Chanh, David Frederick, Jaylyn Gordon-Ford, James Hinegardner, Sean Hinton, Brandon Kent, Justin Mello, Jose Mendoza, Sal Mendoza, Michael Montiel, Chris Phillips, Steve Shaw, John Vance, Marcell Wilson	Chris Phillips
3/27/2023	Housecleaning	Alan Aragon, David Frederick, Jaylyn Gordon-Ford, Aaron Hewitt, James Hinegardner, Sean Hinton, Brandon Kent, Justin Mello, Jose Mendoza, Sal Mendoza, Michael Montiel, Chris Phillips, Steve Shaw, Brandon Wagner, Marcell Wilson	Steve Shaw & Sean Hinton



Esri, NASA, NGA, USGS, FEMA, City of Elk Grove, County of Sacramento, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA

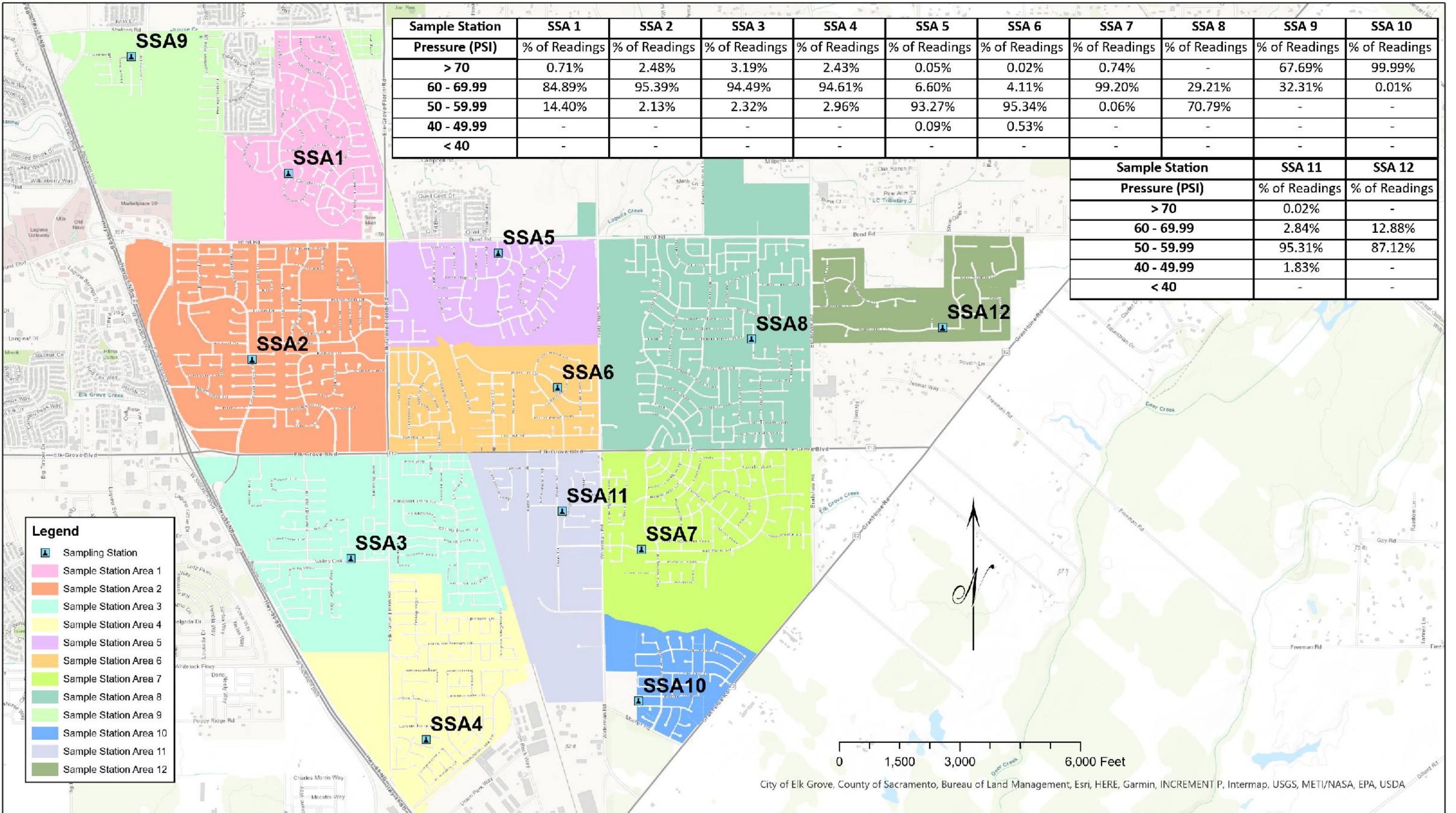
March 2023	
Main Line Leaks: 0	YTD: 1
Service Line Leaks: 1	YTD: 4
Total Leaks: 1	YTD: 5



Elk Grove Water District Main and Service Line Leaks Map



Elk Grove Water District	
Main & Service Line Leaks	
Created by: Richard Ko	
Date: April 6, 2023	



Sample Station	SSA 1	SSA 2	SSA 3	SSA 4	SSA 5	SSA 6	SSA 7	SSA 8	SSA 9	SSA 10
Pressure (PSI)	% of Readings	% of Readings	% of Readings	% of Readings	% of Readings	% of Readings	% of Readings	% of Readings	% of Readings	% of Readings
> 70	0.71%	2.48%	3.19%	2.43%	0.05%	0.02%	0.74%	-	67.69%	99.99%
60 - 69.99	84.89%	95.39%	94.49%	94.61%	6.60%	4.11%	99.20%	29.21%	32.31%	0.01%
50 - 59.99	14.40%	2.13%	2.32%	2.96%	93.27%	95.34%	0.06%	70.79%	-	-
40 - 49.99	-	-	-	-	0.09%	0.53%	-	-	-	-
< 40	-	-	-	-	-	-	-	-	-	-

Sample Station	SSA 11	SSA 12
Pressure (PSI)	% of Readings	% of Readings
> 70	0.02%	-
60 - 69.99	2.84%	12.88%
50 - 59.99	95.31%	87.12%
40 - 49.99	1.83%	-
< 40	-	-

- 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

City of Elk Grove, County of Sacramento, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA

Sample Stations: 12

March 2023



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

April 5, 2023