

REGULAR MEETING OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS

Agenda

Tuesday, November 19, 2019

6:30 PM

8820 Elk Grove Blvd.
Elk Grove, CA 95624

Compliance with Government Code Section 54957.5

Public records, including writings related to an agenda item for an open session of a regular meeting of the Florin Resources Conservation District that are distributed less than 72 hours before the meeting, are available for public inspection during normal business hours at the Administration building of Elk Grove Water District, located at 9257 Elk Grove Blvd. Elk Grove, California. 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 – Please complete a Request to Speak Form if you wish to address the Board.

Members of the audience may comment on matters that are not included on the agenda. Each person will be allowed three (3) minutes, or less if a large number of requests are received on a particular subject. No action may be taken on a matter raised under "Public Comment" until the matter has been specifically included on an agenda as an action item. Items listed on the agenda will be opened for public comment as they are considered by the Board of Directors.

1. Proclamations and Announcements

- a. President's Special Recognition Award from Association of California Water Agencies Joint Power Insurance Authority (ACWA/JPIA).
- b. Recognition of Jose Mendoza for 10 years of service.
- c. Recognition of Michael Montiel for 10 years of service.
- d. Recognition of Stefani Phillips for 20 years of service.

Associate Director Comment

Public Comment

2. Consent Calendar (Stefani Phillips, Secretary and Patrick Lee, Treasurer)

- a. Minutes of Regular Board Meeting of October 15, 2019
- b. Warrants Paid – October, 2019
- c. Board and Employee Expense/Reimbursements – October, 2019
- d. Active Accounts – October, 2019
- e. Bond Covenant Status for FY 2019-20 – October, 2019
- f. Revenues and Expenses – Actual vs Budget FY 2019-20 – October, 2019

- g. Cash Accounts – October, 2019
- h. Consultants Expenses – October, 2019
- i. Major Capital Improvement Projects – October, 2019

Associate Director Comment

Public Comment

Recommended Action: Approve Florin Resource Conservation District Consent Calendar items a-i.

3. Committee Meetings (Stefani Phillips, Board Secretary)

Associate Director Comment

Public Comment

4. Elk Grove Water District Operations Report – October 2019
(Mark J. Madison, General Manager)

Associate Director Comment

Public Comment

5. Commercial Class A Differential Pay Policy (Stefani Phillips, Board Secretary)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution No. 11.19.19.01, amending the Employee Policy Manual to include Section 4.2.13 Commercial Class A License Differential Pay.

6. Board of Director Orientation Policy (Stefani Phillips, Board Secretary)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution No. 11.19.19.02, establishing a Board of Director Orientation Policy.

7. Amendment to the Professional and Consultant Services Agreements Policy
(Patrick Lee, Finance Manager)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution No. 11.19.19.03, amending and replacing the Professional and Consultant Services Agreement Policy.

8. Status Update on Action Items Following the 2019 Grand Jury Report – The Florin Resource Conservation District – A Case of Mistaken Identity?

(Mark J. Madison, General Manager)

Associate Director Comment

Public Comment

9. Outside Agency Meetings Report (Mark J. Madison, General Manager)

Associate Director Comment

Public Comment

10. Directors Comments

Adjourn to Regular Meeting – December 17, 2019

November 19, 2019

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 – i.

SUMMARY

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

By this action, the Board will approve Florin Resource Conservation District Consent Calendar items a – i.

DISCUSSION

Background

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

Present Situation

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

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

Fiscal stability is in conformity with the District's Business Practice goals of the 2012-2017 Strategic Plan.

CONSENT CALENDAR

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FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully Submitted,



STEFANI PHILLIPS
BOARD SECRETARY

And



PATRICK LEE
TREASURER

Attachments

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

Tuesday, October 15, 2019

The regular meeting of the Florin Resource Conservation District Board of Directors was called to order at 6:30 p.m. by Tom Nelson, Chair, at 8820 Elk Grove Blvd., Elk Grove, CA.

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

Directors Present: Tom Nelson, Elliot Mulberg, Sophia Scherman
Directors Absent: Bob Gray, Lisa Medina
Staff Present: Mark Madison, General Manager; Bruce Kamilos, Assistant General Manager;; Donella Murillo, Finance Supervisor; Sarah Jones, Program Manager; Patrick Lee, Treasurer; Amber Kavert, Administrative Assistant II (Confidential); Cindy Robertson, Utility Billing Specialist
Staff Absent: Stefani Phillips, Board Secretary
Associate Directors Present: Paul Lindsay
Associate Directors Absent: Shahid Chaudhry
General Counsel Present: Ren Nosky, JRG Attorneys at Law
Consultants Present: Mitesh Desai, Badawi & Associates

Public Comment

Nothing to report.

1. Proclamations and Announcements

General Manager Mark Madison recognized Utility Billing Specialist, Cindy Robertson for her five (5) years of service.

Mr. Madison announced that the Economic Development Corporation has been formally and fully dissolved.

2. Consent Calendar

- a. Minutes of Regular Board Meeting of September 18, 2019
- b. Minutes of Special Board Meeting of September 24, 2019
- c. Minutes of Special Board Meeting of October 2, 2019
- d. Warrants Paid – September, 2019
- e. Board and Employee Expense/Reimbursements – September, 2019
- f. Active Accounts – September, 2019
- g. Bond Covenant Status for FY 2019-20 – September, 2019
- h. Revenues and Expenses – Actual vs Budget FY 2019-20 – September, 2019
- i. Cash Accounts – September, 2019
- j. Consultants Expenses – September, 2019
- k. Major Capital Improvement Projects – September, 2019

Item e was pulled.

MSC (Mulberg/Scherman) to approve Florin Resource Conservation District Consent Calendar items a-d, f-k. 3/0: Ayes: Mulberg, Nelson, and Scherman.

Staff informed the Florin Resource Conservation District (FRCD) Board of Directors (Board) that item e had been reformatted for better transparency.

MSC (Scherman/Nelson) to approve Florin Resource Conservation District Consent Calendar item e. 3/0: Ayes: Mulberg, Nelson, and Scherman.

3. Committee Meetings

There were no committee meetings held in the month of September.

4. Elk Grove Water District Operations Report – September 2019

Mr. Madison presented an overview of the Elk Grove Water District (EGWD) Operations Report – September 2019 to the Board.

There was a discussion regarding the static and pumping water levels.

Associate Board Member Paul Lindsay complimented staff on the Operations Report and recommended it be posted to the website as a standalone report. The Board directed staff to add the Operations Report as a standalone report on the website for a six (6) month trial period. The Board asked staff to report back after six (6) months to determine how many views the Operations Report receives. The Board will decide if it will stay as a standalone item on the website at that time.

5. Fiscal Year 2018-19 Comprehensive Annual Financial Report

Finance Manager Patrick Lee presented the item and directed the Board to Mitesh Desai with Badawi & Associates to discuss the Fiscal Year 2018-19 Comprehensive Annual Financial Report (CAFR).

In summary, the auditor's report showed an unmodified opinion with the explanation that the financial statements were fairly presented in all material respects, significant accounting policies had been consistently applied, estimates were reasonable, and disclosures were properly reflected in the financial statements. Mr. Desai mentioned there were no difficulties encountered during the audit, including no disagreements with management. He stated there were no significant audit adjustments and management recorded all proposed audit adjustments. He concluded there were no significant risks or exposures identified and there were no material weaknesses identified.

Staff will provide Statement of Auditing Standards (SAS) 114 and SAS 115 letters along with the CAFR in the board packets for future years.

Mr. Lindsay asked for standard charts in the CAFR, in place of the pie charts. Staff will look into using standard charts in future CAFRs.

MSC (Mulberg/Scherman) to accept the Fiscal Year 2018-19 Comprehensive Annual Financial Report. 3/0: Ayes: Mulberg, Nelson, and Scherman.

Mr. Madison informed the Board that the five (5) year contract with Badawi & Associates is up after this year and Mr. Lee will be sending out a Request for Proposal in December to obtain a new auditor.

6. Elk Grove Water District Fiscal Year 2019-20 Quarterly Operating Budget Status Report

Mr. Lee presented the item to the Board.

In summary, the revenues collected through the first quarter of the fiscal year total \$4,939,783, which is 32.56% of the \$15,172,244 annual budget. Total Operational Expenses

were \$2,443,978 through the first quarter and 24.74% of the annual budget. Total Operational expenses are divided up by Personnel expenditures, Seminars, Conventions and Travel expenditures, Office and Operational expenditures, Estimated Purchased Water costs, Outside Services expenditures and Equipment Rent, Taxes, and Utility expenditures. Overall, the District is right in line with the 25% benchmark for the first quarter.

7. Elk Grove Water District Fiscal Year 2019-20 Quarterly Capital Reserve Status Report

Mr. Lee presented the item to the Board.

In summary, the total amount available for reserves at July 1, 2019 was \$16,082,657. Based on Board policy adopted August 22, 2012, the reserves are allocated first to the Operating Reserve (120 days of budgeted operating and maintenance expenses), then to the Fiscal Year (FY) 2019-20 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. Through the first quarter of FY 2019-20, the District expended \$240,263 for capital projects leaving a remaining total reserve balance at September 30, 2019 of \$15,842,394. Total amount expended of \$240,263 includes \$1,145 of expenditures related to projects carrying over from the prior year, but not budgeted for in the FY 2019-20 CIP program.

8. First Amended and Restated Bylaws of the Florin Resource Conservation District

The Board requested this item be brought back at a later board meeting when the full Board is present. The Board also requested staff to provide the Public Resources Code Section 9352 when the Bylaws are presented again.

9. Selection of Sacramento Local Agency Formation Commission Special District Commissioner and Alternate Special District Commissioner

The Board discussed who they would be voting for as Sacramento Local Agency Formation Commission (LAFCo) Special District Commissioner and Alternate Special District Commissioner.

The Board chose Director Elliot Mulberg for LAFCo Special District Commissioner and Lindsey Liebig, with the Herald Fire Protection District, as LAFCo Alternate Special District Commissioner.

MSC (Scherman/Mulberg) to select Director Elliot Mulberg to serve as a Sacramento Local Agency Formation Commission Special District Commissioner and Lindsey Liebig with the Herald Fire Protection District as Alternate Special District Commissioner. 3/0: Ayes: Mulberg, Nelson, and Scherman.

10. Status Update on Action Items Following the 2019 Grand Jury Report – The Florin Resource Conservation District – A Case of Mistaken Identity?

Mr. Madison provided an update on the Grand Jury Report responses.

The District is in line to complete all recommendations on time.

There was a lengthy discussion regarding using the term “interim” in a contract policy.

11. Outside Agency Meetings Report

Staff and Board members spoke regarding the meetings they attended since the last Regular Board Meeting.

12. Legislative Update

Program Manager Sarah Jones provided the Legislative Update to the Board.

In summary, Senate Bill (SB) 13 – Accessory Dwelling Units passed, SB 1 – California Environmental, Public Health, and Workers Defense act of 2019 was vetoed, Assembly Bill (AB) 1184 – Public Records: Writing Transmitted by Electron Mail: Retention was vetoed, and AB 1486 – Surplus Land passed.

13. Directors Comments

Director Sophia Scherman expressed her concern on evacuation preparedness. She also thanked everyone who purchased a ticket for the tri-tip fundraiser, explaining the money raised will go directly to children in the Elk Grove community.

Mr. Madison expressed congratulations to Rebecca Davis, a veteran educator of Elk Grove, for winning Elk Grove Citizen of the year.

The Board was informed that Ms. Jones will be leaving the District. She thanked the Board and staff for a wonderful three (3) years.

Adjourn to Regular Board Meeting on November 19, 2019.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary
AK/SP

Check History Report

10/1/2019 to 10/31/2019
Elk Grove Water District

Check Number	Check Date	Vendor Number	Name	Check	Explanation
049926	10/9/2019	A. TEIC	A. TEICHERT & SON, INC	209.83	
049927	10/9/2019	ACWA	ACWA	18,665.00	2020 Annual Agency Dues
049928	10/9/2019	ACWA JP	ACWA JPIA	63,272.00	Auto & General Liability Insurance October 2019 - October 2020
049929	10/9/2019	ACWA JP	ACWA JPIA	23,782.24	Workers' Compensation - Quarter 1
049930	10/9/2019	AMAZON	AMAZON CAPITAL SERVICES	324.06	
049931	10/9/2019	BEN RES	BENEFIT RESOURCE, INC	100.00	Daily Tasks/Help Tickets
049932	10/9/2019	BG SOLU	SOLUTIONS BY BG INC.	8,305.00	Supplies - Treatment
049933	10/9/2019	BRENNITA	BRENNITAG PACIFIC, INC	1,252.86	Sampling - Treatment
049934	10/9/2019	BSK4	BSK ASSOCIATES	705.00	
049935	10/9/2019	CCPPM	CCPPM	124.87	
049936	10/9/2019	CONSOLI	CONSOLIDATED COMMUNICATIONS	1,329.49	Ethernet Service/Phones-MOC
049937	10/9/2019	COUNTY4	SACRAMENTO COUNTY UTILITIES	1,442.63	Backwash Waste Water Fees
049938	10/9/2019	COVER A	COVERALL NORTH AMERICA, INC	1,358.00	Janitorial Services - MOC/ADMIN
049939	10/9/2019	CRF LEN	LENNAR HOMES CA, INC	49.58	Account Closed - Customer Refund
049940	10/9/2019	CRF.ADB	MARGO D LA BAYNE	174.43	Account Closed - Customer Refund
049941	10/9/2019	CRFAL	FIRST AMERICAN TITLE	140.90	Account Closed - Customer Refund
049942	10/9/2019	CRFCAL	CALATLANTIC TITLE	82.57	Account Closed - Customer Refund
049943	10/9/2019	CRFCAL	CALATLANTIC TITLE	97.78	Account Closed - Customer Refund
049944	10/9/2019	CRFDAVC	DAVID CROWE	4.80	Account Closed - Customer Refund
049945	10/9/2019	CRFELA	ELIZABETH ALBIANI	37.48	Account Closed - Customer Refund
049946	10/9/2019	CRFERR	ERIC RIOS	91.87	Account Closed - Customer Refund
049947	10/9/2019	CRFFI13	FIRST AMERICAN TITLE CO	147.36	Account Closed - Customer Refund
049948	10/9/2019	CRFFID1	FIDELITY NATIONAL TITLE	78.20	Account Closed - Customer Refund
049949	10/9/2019	CRFFTC	FIRST AMERICAN TITLE COMPANY	58.77	Account Closed - Customer Refund
049950	10/9/2019	CRFFTC	FIRST AMERICAN TITLE COMPANY	127.55	Account Closed - Customer Refund
049951	10/9/2019	CRFFTC	FIRST AMERICAN TITLE COMPANY	407.43	Account Closed - Customer Refund
049952	10/9/2019	CRFGEOP	GEORGIANA PRESKAR	159.15	Account Closed - Customer Refund
049953	10/9/2019	CRFGEOS	GEORGE SHESTAKOV	38.07	Account Closed - Customer Refund
049954	10/9/2019	CRFHIA	HISHAM ABED	58.80	Account Closed - Customer Refund
049955	10/9/2019	CRFJSF	JOHN SAN FILIPPO	0.63	Account Closed - Customer Refund
049956	10/9/2019	CRFLILD	LILLIAN DEVANEY	25.64	Account Closed - Customer Refund
049957	10/9/2019	CRFMAJ	MARY JOHNSON	22.30	Account Closed - Customer Refund
049958	10/9/2019	CRFOLD1	OLD REPUBLIC TITLE COMPANY	15.61	Account Closed - Customer Refund
049959	10/9/2019	CRFSCTR	SCOTT RIDDLE	118.75	Account Closed - Customer Refund
049960	10/9/2019	CRFST4	STEWART TITLE OF SACRAMENTO	21.15	Account Closed - Customer Refund
049961	10/9/2019	CRFWEB	WENDY BRIGHT	25.75	Account Closed - Customer Refund
049962	10/9/2019	CRFWYH	WAYNE HUTSON	16.88	Account Closed - Customer Refund
049963	10/9/2019	CRMAB	MARY BEARDSLEY	2.48	Account Closed - Customer Refund
049964	10/9/2019	CS AA	CARD SERVICES	830.95	Materials & Supplies - Utility Crew
049965	10/9/2019	CS DM	CARD SERVICES	830.80	Contracted Services, CSMFO 2020 Registration, Hotel, Supplies
049966	10/9/2019	CS MJM	CARD SERVICES	671.00	Hotel, Parking, Uber, Meals, Elk Grove Chamber Conference
049967	10/9/2019	CS SH	CARD SERVICES	1,200.00	Materials & Supplies - Distribution
049968	10/9/2019	CS SJ	CARD SERVICES	199.90	Pumpkin Booth Fee, Materials, Supplies
049969	10/9/2019	CS SS	CARD SERVICES	514.09	Materials & Supplies - Treatment
049970	10/9/2019	CSPL	CARD SERVICES	934.44	CSMFO 2020 Conference Registration, Hotel, Airfare

049971	10/9/2019	DATAPRO	DATAPROSE LLC	530.00	Advertising - New Bill Due Date
049972	10/9/2019	DATAPRO	DATAPROSE LLC	559.03	Advertising - Custom Envelopes - PYMT Options
049973	10/9/2019	DREY	DREYFUSS + BLACKFORD	2,130.00	Professional Services - EGWD Site Evaluation
049974	10/9/2019	E&M	E&M ELECTRIC & MACHINERY, INC	202.58	
049975	10/9/2019	EG FORD	ELK GROVE FORD	906.21	(2) Invoices - Repairs & Maintenance
049976	10/9/2019	EVO	EMERGENCY VEHICLE OUTFITTERS	627.10	Amber Beacon Install - Lights for Truck #501
049977	10/9/2019	FASTENA	FASTENAL COMPANY	487.79	
049978	10/9/2019	FLEET	FLEETWASH	324.00	Biweekly Vehicle Maintenance
049979	10/9/2019	FRONT C	FRONTIER COMMUNICATIONS	248.24	
049980	10/9/2019	GOLDEN	GOLDEN STATE FLOW	15,250.73	(3) Invoices - Meters, Meter Reading Equipment
049981	10/9/2019	GRAINGE	GRAINGER	16.13	
049982	10/9/2019	HANFORD	HANFORD SAND & GRAVEL, INC	1,242.36	(2) Invoices - Materials & Supplies- Water Main Replacements
049983	10/9/2019	INT STA	INTERSTATE OIL COMPANY	1,364.15	Fuel
049984	10/9/2019	ISCC	ISCC, INC	149.00	
049985	10/9/2019	KEVIN Y	KEVIN YOUNG CONCRETE	1,750.00	Contracted Services - Concrete Removal & Repairs
049986	10/9/2019	LAKE V	LAKE VUE ELECTRIC, INC	190.00	
049987	10/9/2019	MULBERG	ELLIOT MULBERG	289.24	Travel Reimbursements - CSDA Conference
049988	10/9/2019	NTS	NTS MIKEDON. LLC	1,648.95	(7) Rental Equipment - Water Main Replacements
049989	10/9/2019	O'REILLY	O'REILLY AUTO PARTS	55.21	
049990	10/9/2019	PACE	PACE SUPPLY CORP	4,560.23	
049991	10/9/2019	RADIAL	RADIAL TIRE OF ELK GROVE	2,487.78	(15) Invoices - Materials & Supplies - Distribution, Water Mains
049992	10/9/2019	RDO 1	RDO TRUST # 80-5800	87.21	(2) Invoices - Repairs & Maintenance - Truck #402
049993	10/9/2019	REPUBLI	REPUBLIC SERVICES #922	1,472.75	
049994	10/9/2019	RIVCITY	RIVER CITY WASTE RECYCLERS	680.40	Trash and Recycling - MOC/ADMIN
049995	10/9/2019	RY HERC	RYAN HERCO PRODUCTS CORP	59.32	(2) Invoices - Refuse Pickup - Water Main Replacements
049996	10/9/2019	SAC TAX	SACRAMENTO COUNTY	100.00	
049997	10/9/2019	SAC TAX	SACRAMENTO COUNTY	100.00	Secured Property Tax Bill 2019-2020
049998	10/9/2019	SAC TAX	SACRAMENTO COUNTY	100.00	Secured Property Tax Bill 2019-2020
049999	10/9/2019	SAC TAX	SACRAMENTO COUNTY	100.00	Secured Property Tax Bill 2019-2020
050000	10/9/2019	SAC TAX	SACRAMENTO COUNTY	100.00	Secured Property Tax Bill 2019-2020
050001	10/9/2019	SAC TAX	SACRAMENTO COUNTY	100.00	Secured Property Tax Bill 2019-2020
050002	10/9/2019	SAC TAX	SACRAMENTO COUNTY	100.00	Secured Property Tax Bill 2019-2020
050003	10/9/2019	SIERR C	SIERRA CHEMICAL COMPANY	697.20	Materials & Supplies - Treatment
050004	10/9/2019	SIERR C	SIERRA CHEMICAL COMPANY	399.51	Materials & Supplies - Treatment
050005	10/9/2019	SIERRA	SIERRA OFFICE SUPPLIES	299.82	
050006	10/9/2019	SMUD	SMUD	6,605.26	
050007	10/9/2019	SMUD	SMUD	619.72	
050008	10/9/2019	SMUD	SMUD	5,892.30	
050009	10/9/2019	SMUD	SMUD	18,926.79	
050010	10/9/2019	SMUD	SMUD	251.42	
050011	10/9/2019	SMUD	SMUD	44.02	
050012	10/9/2019	SMUD	SMUD	665.52	
050013	10/9/2019	SMUD	SMUD	7,582.65	
050014	10/9/2019	SMUD	SMUD	1,969.37	
050015	10/9/2019	TOSHIBA	TOSHIBA FINANCIAL SERVICES	593.01	Copier - ADMIN
050016	10/9/2019	ULTRA	ULTRA TRUCK WORKS, INC	486.39	
050017	10/9/2019	USABLU	USABlueBook	112.59	
050018	10/9/2019	VERIZON	VERIZON WIRELESS	427.95	
050019	10/10/2019	DLT	DLT SOLUTIONS	3,063.02	Auto CAD Software
050020	10/16/2019	A. TEIC	A. TEICHERT & SON, INC	775.70	Materials & Supplies - Water Main Replacements
050021	10/16/2019	AMAZON	AMAZON CAPITAL SERVICES	3,614.45	(5) Invoices - Computer, Materials & Supplies
050022	10/16/2019	ARBIT	THE ARBITRAGE GROUP, INC.	1,750.00	Professional Services -Rebate Report for Revenue Refunding Bonds Series 2014
050023	10/16/2019	BRINKS	BRINK'S INCORPORATED	376.71	

050024	10/16/2019	BSK4	BSK ASSOCIATES	1,339.00	Sampling - Treatment
050025	10/16/2019	CINTAS2	CINTAS	1,334.37	(8) Invoices - Field Crews Uniforms
050026	10/16/2019	CLARK C	CLARK-CADMAN, INC	2,621.00	RRWTF Parking Lot Gate Repairs
050027	10/16/2019	CRFCOMB	CONCEPTUAL BUILDING	542.93	Construction Meter- Deposit Refund
050028	10/16/2019	CSDA	CALIF SPECIAL DISTRICTS ASSOC.	7,615.00	2020 CSDA Membership Renewal
050029	10/16/2019	EG FORD	ELK GROVE FORD	302.18	Repairs & Maintenance - Truck #
050030	10/16/2019	EGPOWER	ELK GROVE POWER EQUIPMENT	25.32	
050031	10/16/2019	HANFORD	HANFORD SAND & GRAVEL, INC	985.37	(3) Invoices - Materials & Supplies - Water Main Replacements
050032	10/16/2019	NTS	NTS MIKEDON, LLC	868.00	(2) Invoices - Rental Equipment - Water Main Replacements
050033	10/16/2019	OREILLY	O'REILLY AUTO PARTS	15.06	(4) Invoices - Materials & Supplies - Distribution
050034	10/16/2019	PACE	PACE SUPPLY CORP	1,685.86	
050035	10/16/2019	PEST	PEST CONTROL CENTER INC	160.00	
050036	10/16/2019	PG&E	PACIFIC GAS & ELECTRIC	8.81	
050037	10/16/2019	RADIAL	RADIAL TIRE OF ELK GROVE	224.49	Repairs & Maintenance - Truck #304
050038	10/16/2019	RY HERC	RYAN HERCO PRODUCTS CORP	506.83	Materials & Supplies - Treatment
050039	10/16/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050040	10/16/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050041	10/16/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050042	10/16/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050043	10/16/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050044	10/16/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050045	10/16/2019	SAC TAX	SACRAMENTO COUNTY	100.00	Secured Property Tax Bill 2019-2020
050046	10/16/2019	SAC TAX	SACRAMENTO COUNTY	95.96	Secured Property Tax Bill 2019-2020
050047	10/16/2019	SIERRA	SIERRA OFFICE SUPPLIES	518.14	
050048	10/16/2019	SUMMIT	AIR WORKS INC	139.00	
050049	10/24/2019	ACWAJPI	CB&T/ ACWA-JPIA	65,109.13	Medical Benefits - November 2019
050050	10/24/2019	AFLAC	AFLAC	1,624.78	
050051	10/24/2019	AMAZON	AMAZON CAPITAL SERVICES	368.79	
050052	10/24/2019	AWWA2	California Nevada Section-AWWA	80.00	
050053	10/24/2019	BAY ALA	BAY ALARM COMPANY	163.06	
050054	10/24/2019	BG SOLU	SOLUTIONS BY BG INC.	9,016.25	Daily Tasks/Help Tickets
050055	10/24/2019	C&T	C & T SPECIALTIES	31.89	
050056	10/24/2019	CAPIO	CAPIO	35.00	
050057	10/24/2019	CDW	CDW GOVERNMENT	130.32	
050058	10/24/2019	CDW	CDW GOVERNMENT	2,553.35	Hard Drives for Storage Servers for Data Noc
050059	10/24/2019	CFEID14	FIDELITY NATIONAL TITLE	79.39	Account Closed - Customer Refund
050060	10/24/2019	CFEINT	FIDELITY NATIONAL TITLE	100.73	Account Closed - Customer Refund
050061	10/24/2019	CINTAS	CINTAS	183.71	Field Crews Uniforms
050062	10/24/2019	CINTAS2	CINTAS	349.42	(2) Invoices - Field Crew Uniforms
050063	10/24/2019	COEG	CITY OF ELK GROVE	4,051.17	(2) Invoices - Encroachment and Overhead Allocation Back Yard Water Mains
050064	10/24/2019	COUNTY4	SACRAMENTO COUNTY UTILITIES	113.71	
050065	10/24/2019	CRF LEN	LENNAR HOMES CA, INC	218.48	Account Closed - Customer Refund
050066	10/24/2019	CRFFNC	FIDELITY NATIONAL TITLE COMP	19.75	Account Closed - Customer Refund
050067	10/24/2019	CRFID10	FIRST AMERICAN TITLE CO	52.35	Account Closed - Customer Refund
050068	10/24/2019	CRFJEFF	JEFF PACHECO	121.42	Account Closed - Customer Refund
050069	10/24/2019	CRFKERO	KENNETH ROSS	116.83	Account Closed - Customer Refund
050070	10/24/2019	CRFMARM	MARTHA MURILLO	60.45	Account Closed - Customer Refund
050071	10/24/2019	CRFSHAD	SHARI DUNCAN	82.27	Account Closed - Customer Refund
050072	10/24/2019	CS SP	CARD SERVICES	468.54	Training, Employee Appreciation
050073	10/24/2019	DMV	DMV	7.00	
050074	10/24/2019	ELK LOC	ELK GROVE LOCK AND SAFE CO	25.81	
050075	10/24/2019	FLEET	FLEETWASH	324.00	Biweekly Vehicle Maintenance
050076	10/24/2019	GOLDEN	GOLDEN STATE FLOW	6,632.01	Meters - Distribution

050077	10/24/2019	HIGHBAR	HIGHBAR GLOBAL CONSULTING	1,000.00	Strategic Planning - Final Billing
050078	10/24/2019	INT STA	INTERSTATE OIL COMPANY	1,653.04	Fuel
050079	10/24/2019	JAYS	JAY'S TRUCKING SERVICE	408.17	
050080	10/24/2019	KREAT	KREATIVE DESIGN/MARKETING	210.00	
050081	10/24/2019	NTS	NTS MIKEDON. LLC	2,070.61	(12) Invoices - Rental Equipment - Water Main Replacements
050082	10/24/2019	OREILLY	OREILLY AUTO PARTS	224.18	
050083	10/24/2019	PACE	PACE SUPPLY CORP	1,799.34	(4) Materials & Supplies - Distribution
050084	10/24/2019	PERMANE	THE PERMANENTE MEDICAL	32.00	
050085	10/24/2019	RADIAL	RADIAL TIRE OF ELK GROVE	603.76	Repairs & Maintenance - Truck #402
050086	10/24/2019	RGS	REGIONAL GOVERNMENT	655.80	Board Polices
050087	10/24/2019	RIVCITY	RIVER CITY WASTE RECYCLERS	226.80	
050088	10/24/2019	ROOCO	ROOCO RENTS	45.14	
050089	10/24/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050090	10/24/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050091	10/24/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050092	10/24/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050093	10/24/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050094	10/24/2019	SAC 5	SACRAMENTO COUNTY	8.00	Lien Release
050095	10/24/2019	SAFETY	SAFETY CENTER, INC	1,300.00	First Aid, CPR & AED Training
050096	10/24/2019	SAWWA2	SAWWA	100.00	Membership Fees - Sean Hinton
050097	10/24/2019	SIERRA	SIERRA OFFICE SUPPLIES	400.16	
050098	10/24/2019	ULTRA	ULTRA TRUCK WORKS, INC	56.88	
050099	10/24/2019	ZOOM	ZOOM IMAGING SOLUTIONS, INC	275.03	

Total: 343,591.74

**FLORIN RESOURCE CONSERVATION DISTRICT/ELK GROVE WATER DISTRICT
BOARD AND EMPLOYEE MONTHLY EXPENSE/REIMBURSEMENTS**

10/31/2019

INDIVIDUAL	DESCRIPTION	AMOUNT PAID
Dave Frederick	Cross-Connection Training	\$1,200.00
Patrick Lee	CSMFO 2020 Conference Registration	\$425.00
Patrick Lee	CSMFO 2020 Conference Hotel Reservation	\$285.48
Patrick Lee	Airfare - CSMFO 2020 Conference	\$223.96
Mark J. Madison	Hotel - CSDA Conference	\$214.02
Jose Mendoza	Water Distribution Exam Grade 3-4	\$390.00
Elliot Mulberg	Hotel - CSDA Conference	\$211.68
Donella Murillo	CSMFO 2020 Conference Registration	\$425.00
Donella Murillo	CSMFO 2020 Conference Hotel Reservation	\$285.48
		\$3,660.62

**Elk Grove Water District
Active Account Information
10/31/2019**

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Metered												
Residential	11,857	11,891	11,889	11,905								
Commercial	363	363	365	365								
Irrigation	170	170	170	173								
Fire Service	181	181	181	183								
Total Accounts	12,571	12,605	12,605	12,626	-	-	-	-	-	-	-	-

**Elk Grove Water District
Active Account Information
FY 2018/2019**

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Metered												
Residential	11,799	11,819	11,800	11,810	11,800	11,808	11,803	11,800	11,824	11,844	11,830	11,842
Commercial	532	363	366	363	364	363	363	362	362	363	362	362
Irrigation		166	166	169	169	169	169	167	168	169	170	170
Fire Service	178	177	178	179	179	179	179	178	179	179	181	181
Total Accounts	12,509	12,525	12,510	12,521	12,512	12,519	12,514	12,507	12,533	12,555	12,543	12,555

Elk Grove Water District

Bond Covenant Status

For Fiscal Year 2019-20

As of 10/31/2019
Adjusted for Prepayments

Operating Revenues:	
Charges for Services	\$ 6,398,019
 Operating Expenses:	
Salaries & Benefits (2)	1,219,350
Seminars, Conventions and Travel	13,793
Office & Operational	465,733
Purchased Water	1,181,229
Outside Services	219,263
Equipment Rent, Taxes, and Utilities	180,597
Total Operating Expenses	3,279,964
 Net Operating Income	 <u><u>\$ 3,118,055</u></u>
Annual Interest & Principal Payments	
\$3,826,739	\$ 1,275,580 (1)
 Debt Service Coverage Ratio, YTD Only:	 2.44
 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 **1.38**
2. Reflects only YTD due to CalPERS, not entire prepayment for year.

Elk Grove Water District
Year to Date Revenues and Expenses Compared to Budget
As of 10/31/2019

General Ledger Reference	October Activity	Monthly Budget	Variance	%	YTD Activity	Annual Budget	4/12=33.33% Variance	% Realized	
Revenues	4100 - 4900	1,458,236	1,264,354	193,883	15.33%	\$ 6,398,019	\$ 15,172,243	\$ (8,774,224)	42.17%
Salaries & Benefits less Capitalized Labor	5100 - 5280	329,723	361,071	(31,348)	-8.68%	1,423,726	4,332,850	(2,909,124)	32.86%
Less CalPERS Prepayment for Remainder of Year: (3) Adjusted Salaries and Benefits:		(20,315)	(35,389)	15,074	-42.60%	(76,114)	(424,667)	348,553	17.92%
		(114,011)				(128,262)			
		195,397	325,682	(130,285)	-40.00%	\$ 1,219,350	\$ 3,908,183	(2,688,833)	31.20%
Seminars, Conventions and Travel	5300 - 5350	3,223	4,260	(1,037)	-24.34%	13,793	51,124	(37,332)	26.98%
Office & Operational	5410 - 5494	154,856	100,680	54,175	53.81%	465,733	1,208,164	(742,431)	38.55%
Purchased Water est. (4)	5495 - 5495	276,027	261,307	14,720	5.63%	1,181,229	3,135,689	(1,954,460)	37.67%
Outside Services	5505 - 5580	44,413	96,714	(52,302)	-54.08%	219,263	1,160,573	(941,310)	18.89%
Equipment Rent, Taxes, Utilities	5620 - 5760	48,060	34,683	13,377	38.57%	180,597	416,200	(235,603)	43.39%
Total Operational Expenses		721,976	823,328	(101,352)	-12.31%	\$ 3,279,964	\$ 9,879,933	\$ (6,599,969)	33.20%
Net Operating Income		736,261	441,026	295,235	66.94%	\$ 3,118,055	\$ 5,292,310	\$ (2,174,255)	58.92%
Non-Operating Revenues									
Interest Received	9910 - 9910	32,766	8,333	24,432	293.19%	68,001	100,000	(31,999)	68.00%
Unrealized Gains/Losses	9911 - 9911	12,603	-	12,603	-	30,273	-	30,273	100.00%
Other Income/Expense	9920 - 9973	17,966	-	17,966	-	21,529	-	21,529	100.00%
Total Non-Operating Revenues		63,335	8,333	55,001	660.01%	\$ 119,802	\$ 100,000	\$ 19,802	119.80%
Non-Operating Expenses									
Election Costs	9950 - 9950	-	-	-	0.00%	-	-	-	0.00%
All other Non-Operating Expenses									
Capital Expenses (2):									
Capital Improvements	1705 - 1760	-	33,333	(33,333)	-100.00%	84,429	400,000	(315,571)	21.11%
Capital Replacements	1705 - 1760	31,619	111,500	(79,881)	-71.64%	187,453	1,338,000	(1,150,547)	14.01%
Unforeseen Capital Projects	1705 - 1760	-	8,333	(8,333)	-100.00%	-	100,000	(100,000)	0.00%
Capital Expenses:		31,619	153,167	(121,548)	-79.36%	\$ 271,882	\$ 1,838,000	\$ (1,566,118)	14.79%
Bond Interest Accrued (1)	7300 - 7300	138,478	138,478	-	0.00%	553,913	1,661,739	(1,107,826)	33.33%
Total Non Operating Expenses		170,097	291,645	(121,548)	-41.68%	\$ 825,795	\$ 3,499,739	\$ (2,673,944)	23.60%
Revenues in Excess of All Expenditures, including Capital		629,498	157,714	471,784	299.14%	\$ 2,412,063	\$ 1,892,571	\$ 519,492	127.45%
Bond Retirement (1):		180,417	180,417	-	0.00%	\$ 721,667	\$ 2,165,000	\$ (1,443,333)	33.33%
Net Position after Capital and Debt Retirement Expenditures		449,082	(22,702)	471,784		\$ 1,690,396	\$ (272,429)	\$ 1,962,825	

Notes:

- Bond retirement payments are made two times a year in September and March
- YTD Activity includes \$76,114 in capitalized labor charged to capital projects.
- The District prepays CalPERS for the employers' share of retirement costs for the entire year. By doing this, the District saves approximately 3.56% in its total CalPERS payments for the year. The adjusted salaries and benefits above shows what salaries and benefits would be if only the amount due to CalPERS YTD was paid YTD, with no prepayment.
- 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.

Consultant Expenses
10/31/2019

Fiscal Retainer Contracts

Consultant	Description	Total Contract	Current Month	Paid to date	2019-2020 FY Budget	Percent of year (33%)
JRG Attorneys, LLP	Task orders	TBD		\$ 18,476		
Murphy Austin Adams Schoenfeld LLP	Task orders	TBD				
Liebert Cassidy Whitmore	Task orders	TBD		\$ 2,218		
Total			\$ -	\$ 20,694	\$ 175,000	11.83%
Solutions by BG, Inc.	Task orders	725,050	\$ 17,321	\$ 70,871	\$ 253,500	27.96%

Major Contracts

Consultant	Description	Total Contract	Current Month	Paid to date	2018-2019 FY Budget	Percent of Contract
------------	-------------	----------------	---------------	--------------	---------------------	---------------------

**Elk Grove Water District
Major Capital Improvement Project
Budget vs Actuals
10/31/2019**

Capital Project	Total Project Budget	Total Project Exp to Date	Percent Spent	Capitalized Labor	Fund Type	Project Type	2019-20 Budget	July			August			Sept			Oct			Total YTD Spent	YTD % Spent
								Project Exp	Project Exp	Project Exp	Project Exp	Project Exp	Project Exp	Project Exp	Project Exp	Project Exp	Project Exp	Project Exp	Project Exp		
Backyard Water Mains/Service Replacement	\$ 1,684,000	\$ 649,735	38.58%	\$ 75,289	R&R	Supply/Distribution	\$ 1,240,000	\$ 67,157	\$ -	\$ 47,328	\$ -	\$ 40,205	\$ -	\$ 31,619	\$ 186,308	\$ -	\$ -	\$ -	\$ 186,308	15.02%	
Well Rehabilitation Program	98,000	-	0.00%	-	R&R	Supply/Distribution	98,000	-	1,145	-	-	-	-	-	-	1,145	-	-	1,145	100.00%	
Service Line Replacements	750,000	703,093	93.75%	825	R&R	Supply/Distribution	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00%	
Well 3 Pump Replacement	125,000	-	0.00%	-	CJP	Treatment	125,000	-	-	-	-	-	-	-	-	-	-	-	-	0.00%	
Well 4D Radio Antenna	30,000	-	0.00%	-	CJP	Treatment	30,000	-	-	-	-	-	-	-	-	-	-	-	-	0.00%	
RRWTP Variable Frequency Drives	75,000	231	0.31%	-	CJP	Treatment	75,000	-	-	162	-	70	-	-	-	-	-	-	231	0.31%	
Truck Replacements	120,000	-	0.00%	-	CJP	Building and Site	120,000	84,197	-	-	-	-	-	-	-	-	-	-	84,197	70.16%	
HVVTP Roof Replacement	20,000	-	0.00%	-	CJP	Building and Site	20,000	-	-	-	-	-	-	-	-	-	-	-	-	0.00%	
I.T. Servers	30,000	-	0.00%	-	CJP	Building and Site	30,000	-	-	-	-	-	-	-	-	-	-	-	-	0.00%	
Unforeseen Capital Projects	100,000	-	0.00%	-	-	-	100,000	-	-	-	-	-	-	-	-	-	-	-	-	0.00%	
Sub-Total	\$ 3,032,000	\$ 1,353,059	44.63%	\$ 76,114			\$ 1,838,000	\$ 152,499	\$ 152,499	\$ 47,490	\$ 47,490	\$ 40,275	\$ 40,275	\$ 31,619	\$ 271,862	\$ 271,862	\$ -	\$ -	\$ 271,862	14.79%	

(1) Includes \$76,114 in capitalized labor through 10/31/19

(2) Capital projects budgeted for in prior years, however, work carried over and completed in current year.

November 19, 2019

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Stefani Phillips, Board Secretary
SUBJECT: **COMMITTEE MEETINGS**

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 Florin Resource Conservation District (FRCD) Board of Directors (Board) has requested a monthly summary of committee meetings. No committee meetings were held in the month of October.

DISCUSSION

Background

At the Regular Board Meeting held on May 27, 2015, the Board determined committee meeting minutes be brought to the FRCD Regular Board Meeting and placed under agenda item Committee Meetings. The agenda item Committee Meetings, was placed after agenda item Consent Calendar for approval. This item may be moved within the agenda, if necessary, by direction from the Chair. The committee meeting minutes shall be accepted by the Board.

Present Situation

No committee meetings were held in the month of October.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

COMMITTEE MEETINGS

Page 2

STRATEGIC PLAN CONFORMITY

This item is in keeping with the District's Business Practice goals of the 2012-2017 Strategic Plan.

FINANCIAL SUMMARY

There is no financial impact associated with this item at this time.

Respectfully Submitted,



STEFANI PHILLIPS,
BOARD SECRETARY

November 19, 2019

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Mark J. Madison, General Manager
SUBJECT: **ELK GROVE WATER DISTRICT OPERATIONS REPORT – OCTOBER 2019**

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 October. 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 Board of Director's review is the EGWD's October 2019 Operations Report.

Present Situation

The EGWD October 2019 Operations Report highlights are as follows:

- **Operations Activities Summary** – Seven hundred fifteen (715) door hangers were placed for past due balances which resulted in 72 shutoffs. We received one (1) water pressure complaint and one (1) water quality complaint. Upon further inspection, neither of the complaints were validated.
- **Production** – The Combined Total Service Area 1 production graph on page 14 shows that production during the month of October increased 1.32 percent compared to October 2018, and is 7.18 percent less than what was produced in 2013. Year 2013 is the baseline year the State Water Quality Control Board adopted for water usage. The Total Demand/Production for both service areas on

ELK GROVE WATER DISTRICT OPERATIONS REPORT – OCTOBER 2019

Page 2

page 15 shows that customer use during the month of October, compared to October 2013, was down by 4.05 percent.

- **Static and Pumping Level Graphs** – The fourth quarter soundings are shown and indicate that the static water levels in deeper zones have risen markedly compared to the fourth quarter of 2017. The shallow zones have also shown improvement.
- **Treatment (Compliance Reporting)** – All samples taken during the month are in compliance 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 October:
 - Staff replaced leaking fittings on the chlorine generation system at the Railroad Water Treatment Plant.
 - Staff repaired a leaking fitting on a chemical pump at the Hampton Water Treatment Plant.
 - Staff aided with programming and verification of the chemical holding tank level transmitters at the Hampton Water Treatment Plant.
 - In efforts to revise the current control strategy at the Hampton Water Treatment Plant, staff conducted an experiment to alter the chemical dosing schedule during backwashes.
 - Staff repaired two malfunctioning electric-actuated valves on the filter vessels at the Railroad Water Treatment Plant.
 - Due to sudden communication losses at Well #11D, staff identified and replaced the responsible component inside the on-site programmable logic controller cabinet.
 - Staff examined the cause behind an overheating variable frequency drive for Well #13 Hampton.
- **Backflow Prevention Program 2019** – EGWD issued 52 testing notices for the month. Pursuant to the notices, 21 devices passed. Four (4) devices failed the initial test, of which three (3) passed on the second test and one (1) is in the process of being retested. Secondary notices were issued for twenty-seven (27) devices. The total number of delinquents is twenty-nine (29), which includes those that receive secondary notices, the one (1) device being retested, and one (1) device that remains delinquent from August.

ELK GROVE WATER DISTRICT OPERATIONS REPORT – OCTOBER 2019

Page 3

- **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 were four (4) service line leaks and zero main line leaks during October.
- **System Pressures** – Pressures in Service Area 1 generally remained stable during the month of October. Pressures in Service Area 2, which are controlled by Sacramento County Water Agency, went down slightly from the previous month.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

The EGWD’s Strategic Plan addresses responsible business practices and the importance of providing the community with safe drinking water. The EGWD Operations Report is a key document for managing EGWD’s distribution and treatment system. The EGWD Operations Report assists EGWD toward its responsibility of delivering safe drinking water.

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,



MARK J. MADISON
GENERAL MANAGER

MJM/ah

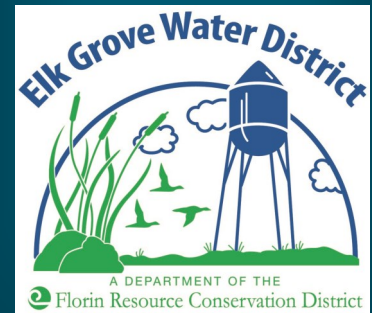
EGWD

OPERATIONS REPORT

October 2019



Elk
Grove
Water
District



Elk Grove Water District
Operations Report
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Operations Activities Summary

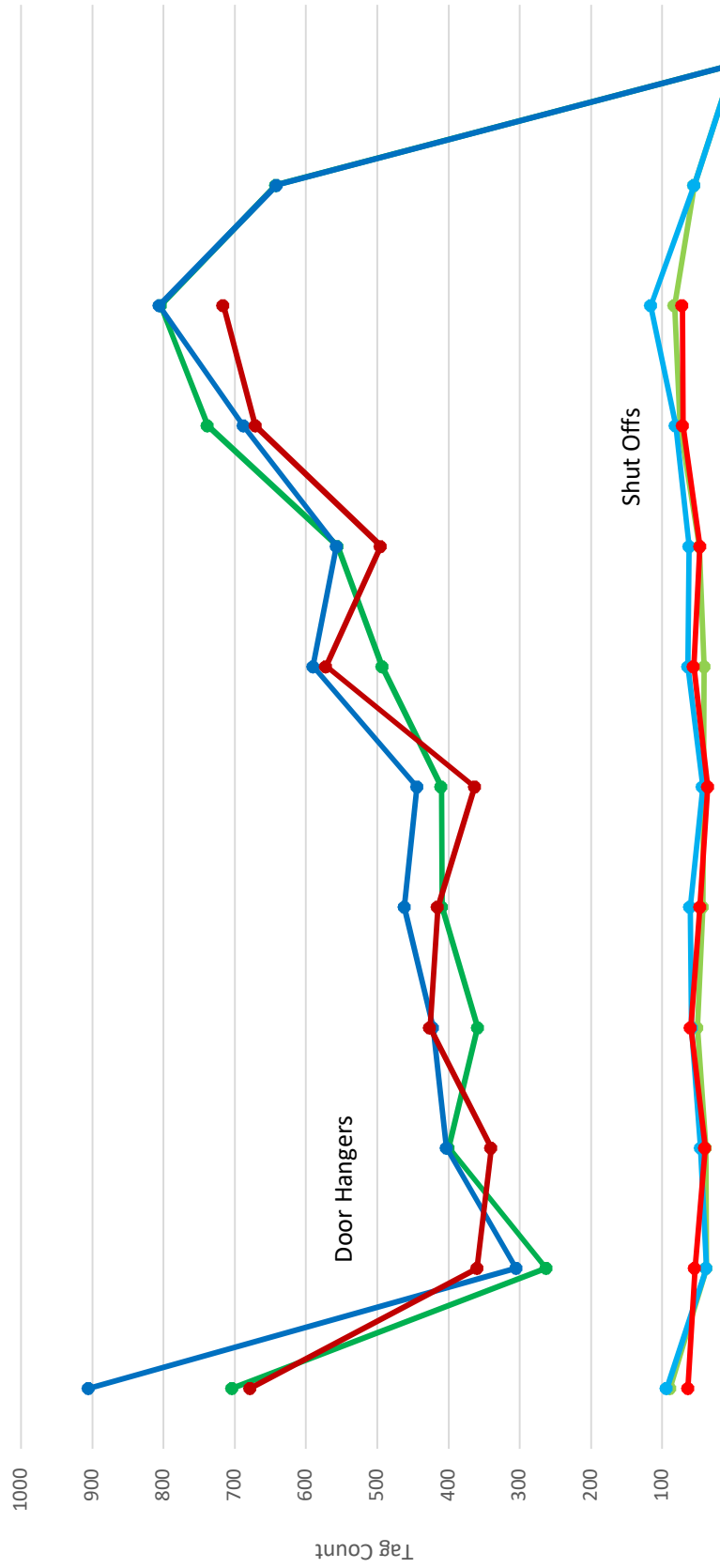
<u>Service Requests:</u>	October-19		YTD (Since Jan. 1, 2019)	
<u>Department</u>	<u>Service Request</u>	<u>Hours</u>	<u>Service Request</u>	<u>Hours</u>
Distribution				
Door Tags	715	22.50	5,090	279.25
Shut offs	72	9	566	163.05
Turn ons	78	10	618	247.15
Investigations	29	7.25	411	316.70
USA Locates	265	66.25	1,997	498.75
Customer Complaints				
-Pressure	1	0.50	22	9.50
-Water Quality	1	0.50	13	7.25
-Other	0	0	0	0

<u>Work Orders:</u>	October-19		YTD (Since Jan. 1, 2019)	
<u>Department</u>	<u>Work Orders</u>	<u>Hours</u>	<u>Work Orders</u>	<u>Hours</u>
Treatment:				
Preventative Maint.	18	31	222	587
Corrective Maint.	10	72.50	87	554.50
Water Samples	22	53.50	173	496
Distribution:				
Meters Installed	29	14.50	81	47
Meter Change Out	13	7	225	137.05
Preventative Maint.				
-Hydrant Maintenance (135)	136	29.25	1,344	304.25
-Valve Exercising (120)	121	21	1,325	219.50
-Other	0	0	0	0
Corrective Maint.				
-Leaks	4	47	31	407.75
-Other	3	13.75	165	185
Valve Locates	0	0	0	0
Utility:				
Corrective Maint.	0	0	0	0

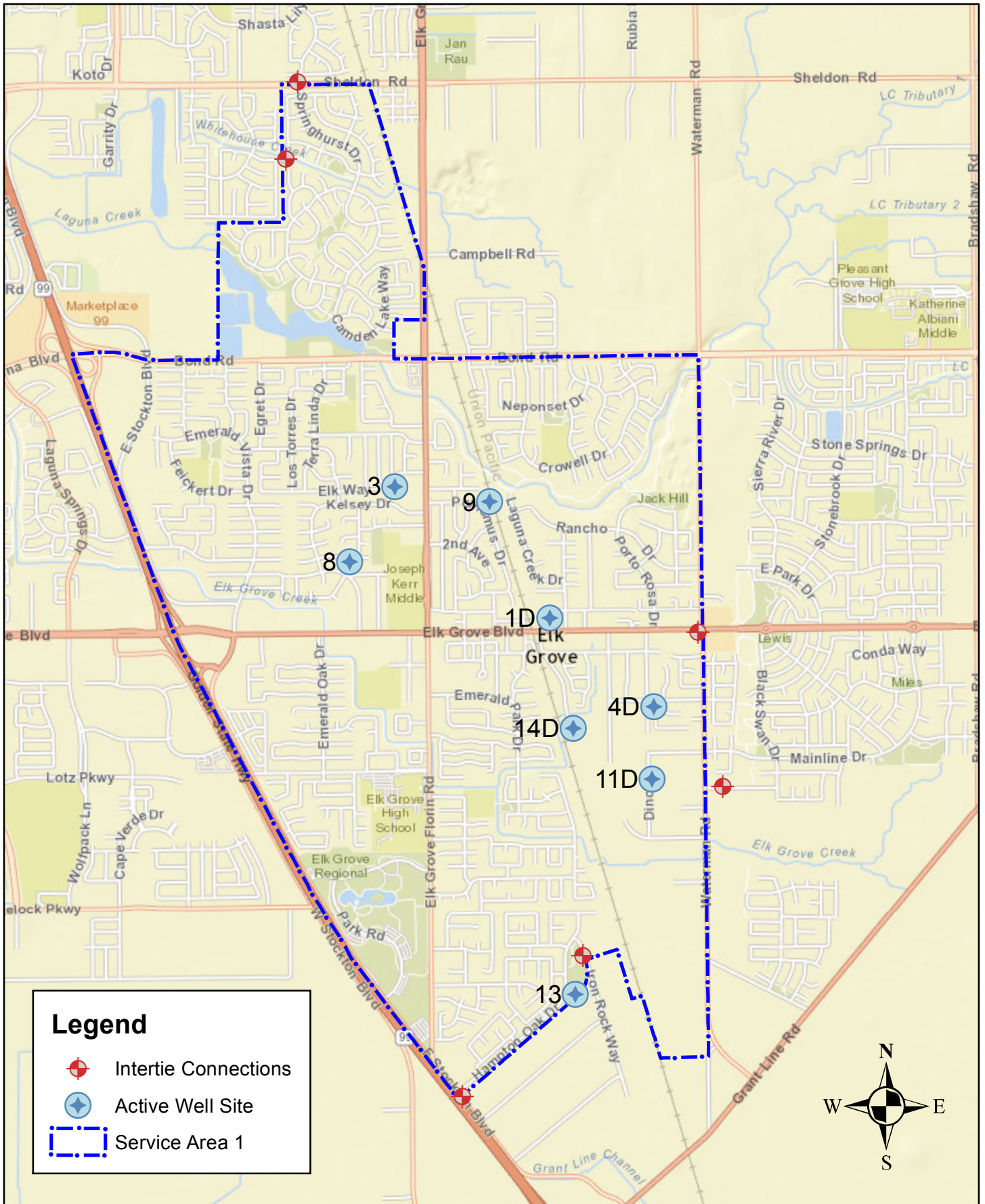


Elk Grove Water District

Door Hangers and Shut Off Tags



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2017 Door Hangers	704	263	400	359	409	410	493	556	738	804	642	0
2017 Shut Offs	89	38	39	51	43	42	41	48	75	83	55	0
2018 Door Hangers	905	305	403	422	462	444	590	557	688	806	641	0
2018 Shut Offs	94	38	46	59	61	43	64	62	81	116	55	0
2019 Door Hangers	678	360	340	426	415	363	572	495	671	716	716	0
2019 Shut Offs	64	54	40	60	47	36	56	47	71	72	72	0



Active Well Sites & Intertie Connections

Elk Grove Water District



Elk Grove Water District

Monthly Production

Well 1D School -- Oct. 2019

Selected Month Production
9,541,284 Gallons

Average GPM:
1,713

Motor:

Volts: 469
Volts (Rated): 460
RPM: 1789
RPM (Rated): 2115
Amps A: 179
Amps A (Rated): 222
Amps B: 178
Amps B (Rated): 222
Amps C: 173
Amps C (Rated): 222

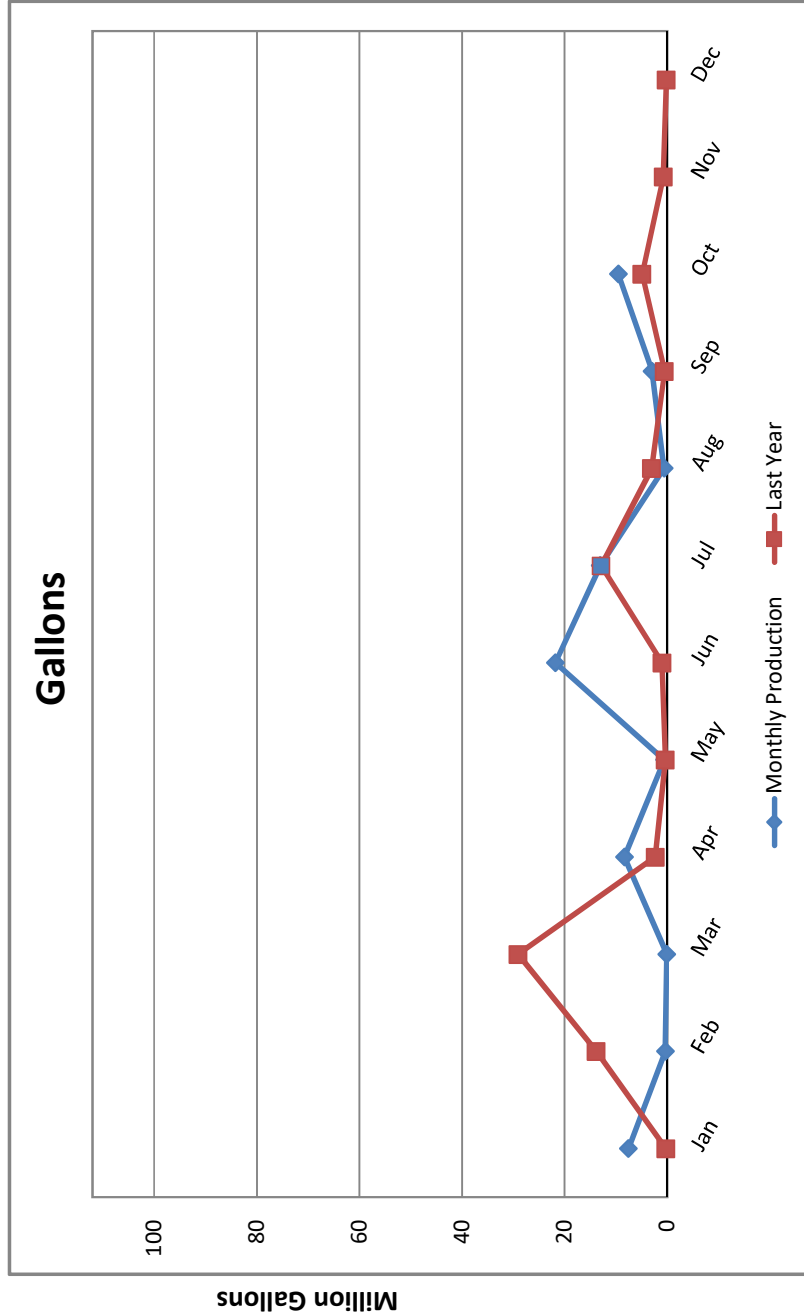
Motor Temp: 115.3 F
Hour Meter: 92.80
KW Hour Total: 11,520

Chlorine:

Dosing: 1.43 mg/L
Demand: 0.32 mg/L
Residual: 1.11 mg/L

Vibration Reading:

Base Line: 0.05 in/sec
Current: 0.04 in/sec





Elk Grove Water District

Monthly Production

Well 4D Webb -- Oct. 2019

Selected Month Production
31,747,072 Gallons

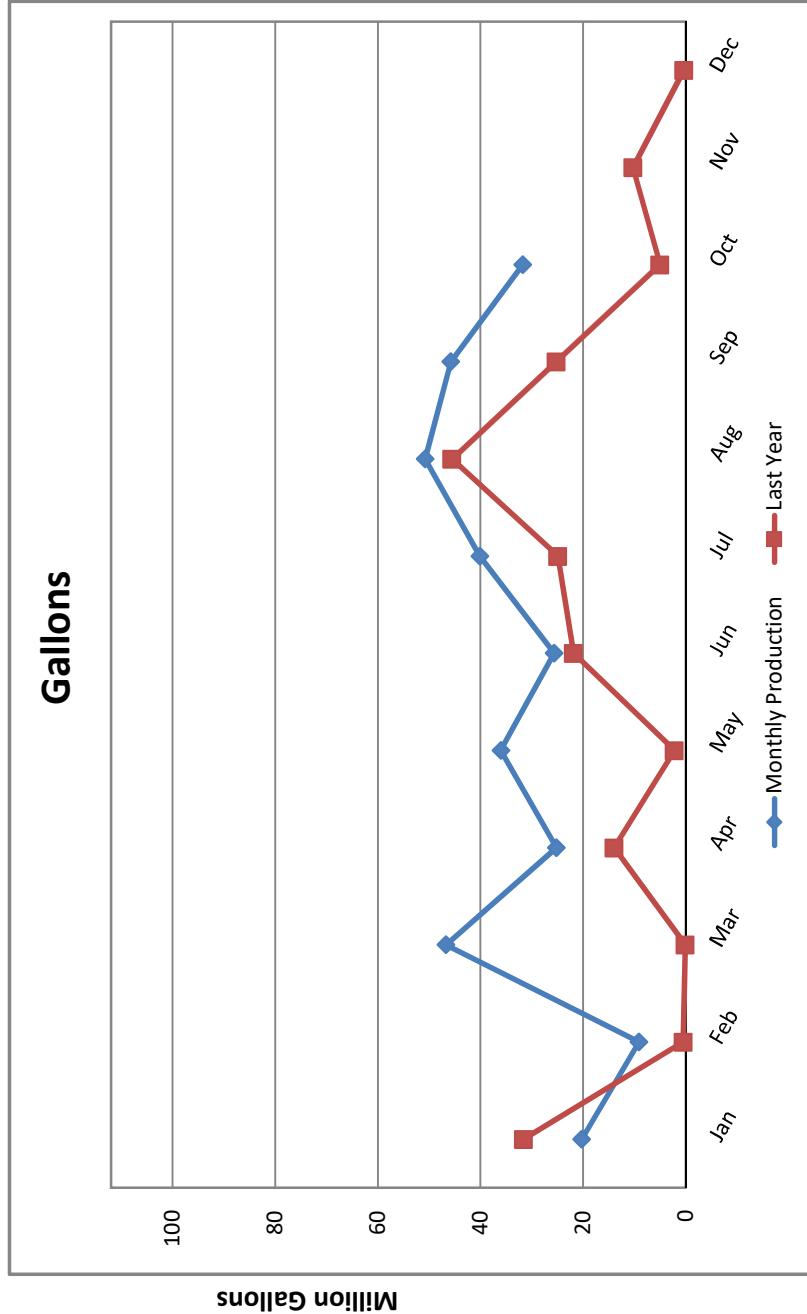
Average GPM:
1,703

Motor:
Volts: 477
Volts (Rated): 460
RPM: 1519
RPM (Rated): 1775
Amps A: 167
Amps A (Rated): 225
Amps B: 166
Amps B (Rated): 225
Amps C: 166
Amps C (Rated): 225

Motor Temp: 108.8 F
Hour Meter: 310.60
KW Hour Total: 43,680

Chlorine:
Dosing: 1.44 mg/L
Demand: 0.33 mg/L
Residual: 1.11 mg/L

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





Elk Grove Water District

Monthly Production

Well 11D Dino -- Oct. 2019

Selected Month Production
9,618,001 Gallons

Average GPM:
1,692

Motor:

Volts: 471
Volts (Rated): 460
RPM: 1723
RPM (Rated): 1775
Amps A: 211
Amps A (Rated): 225
Amps B: 211
Amps B (Rated): 225
Amps C: 200
Amps C (Rated): 225

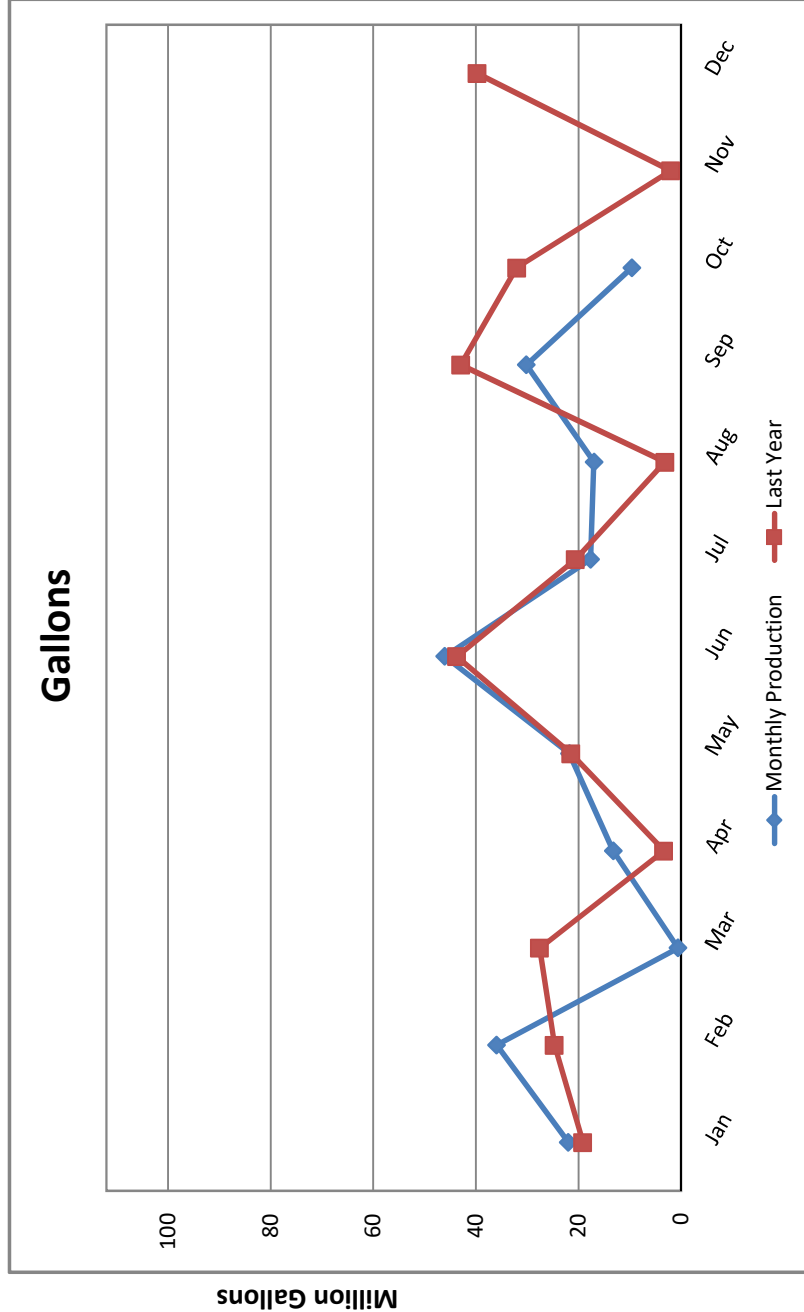
Motor Temp: 121.4 F
Hour Meter: 94.70
KW Hour Total: 15,420

Chlorine:

Dosing: 1.44 mg/L
Demand: 0.52 mg/L
Residual: 0.92 mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 14D Railroad -- Oct. 2019

Selected Month Production
36,008,006 Gallons

Average GPM:
1,492

Motor:

Volts: 479
Volts (Rated): 460
RPM: 1785
RPM (Rated): 1785
Amps A: 163
Amps A (Rated): 171
Amps B: 161
Amps B (Rated): 171
Amps C: 158
Amps C (Rated): 171

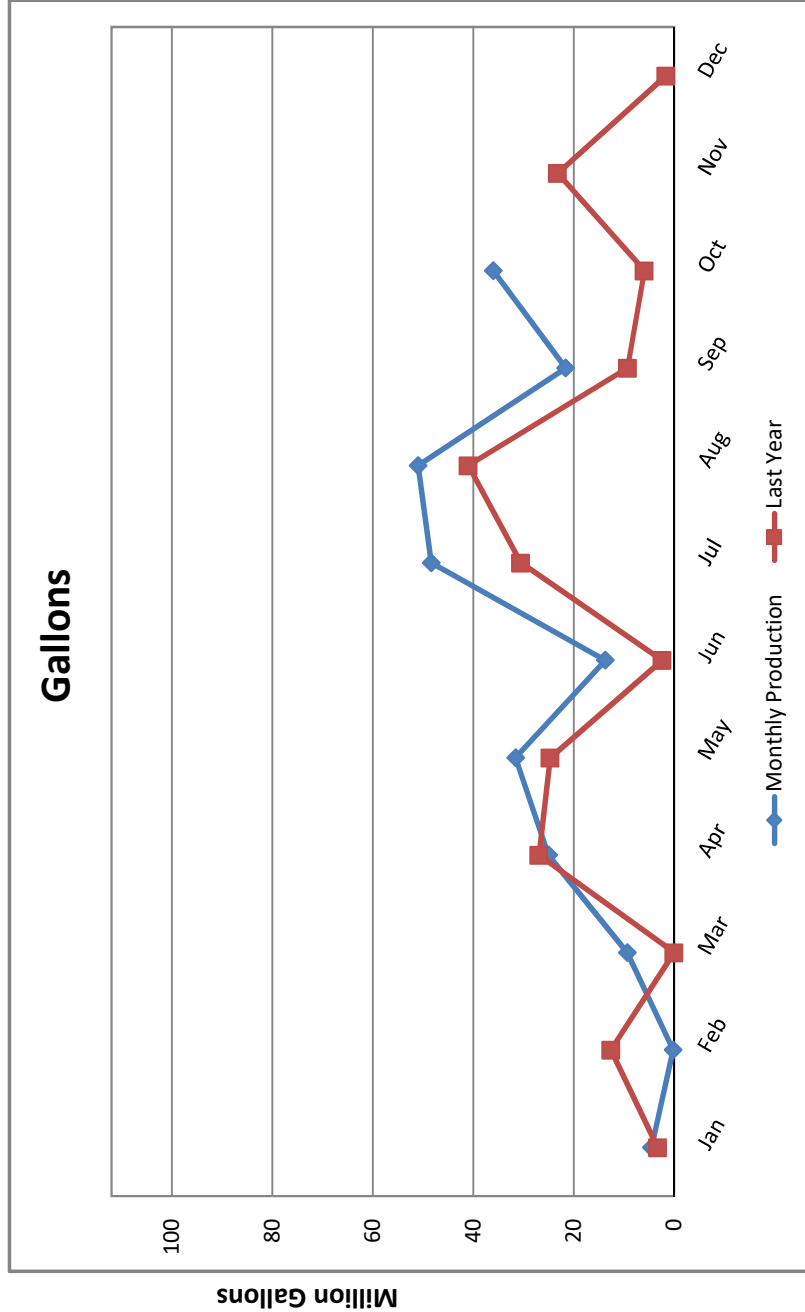
Motor Temp.: 146.8 F
Hour Meter: 402.20
KW Hour Total: 122,400
(KWH total is for the entire facility)

Chlorine:

Dosing: 1.6 mg/L
Demand: 0.58 mg/L
Residual: 1.02 mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 3 Mar–Val -- Oct. 2019
(Well offline)

Selected Month Production
0 Gallons

Average GPM: 0

Motor:

Volts: --
Volts (Rated): 460
RPM: --
RPM (Rated): 1983
Amps A: --
Amps A (Rated): 88
Amps B: --
Amps B (Rated): 88
Amps C: --
Amps C (Rated): 88

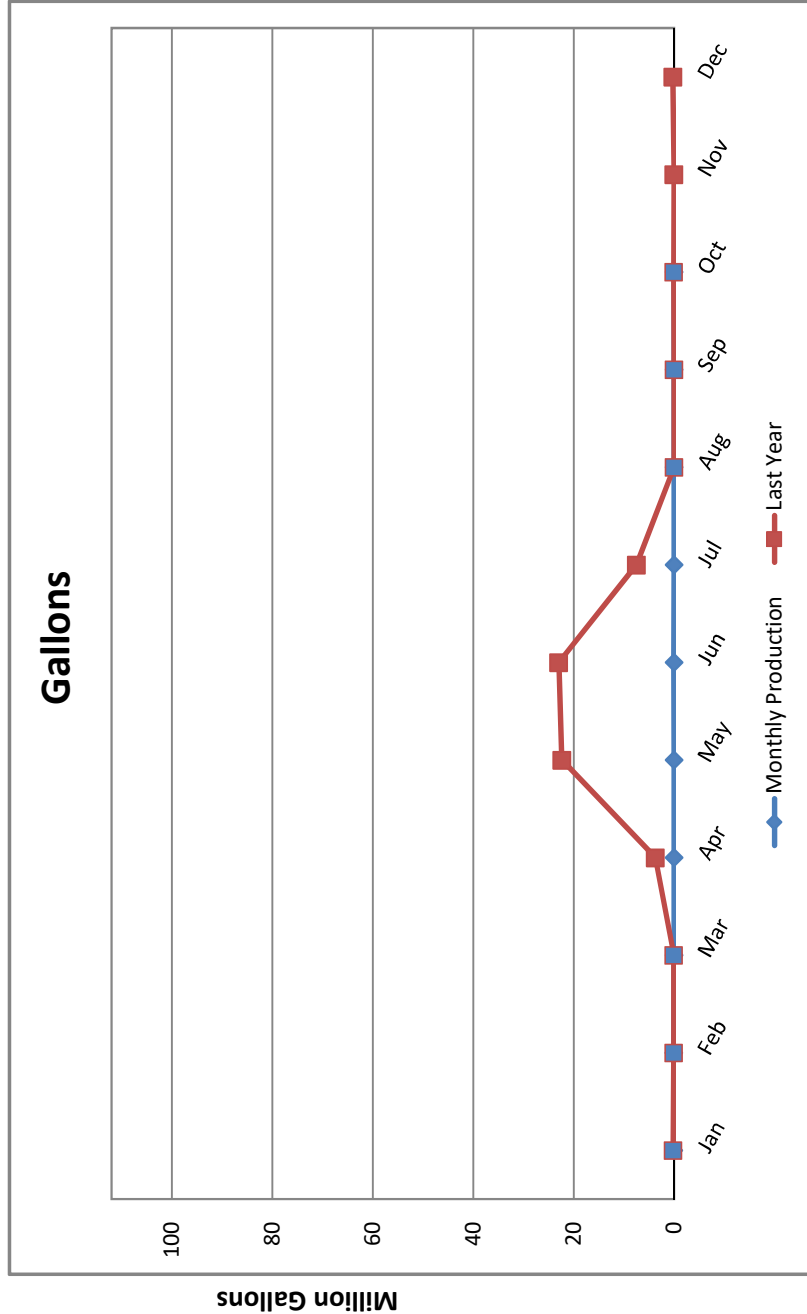
Motor Temp.: -- F
Hour Meter: 0.00
KW Hour Total: 0

Chlorine:

Dosing: -- mg/L
Demand: -- mg/L
Residual: -- mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 8 Williamson -- Oct. 2019
(Submersible)

Selected Month Production
1,570,818 Gallons

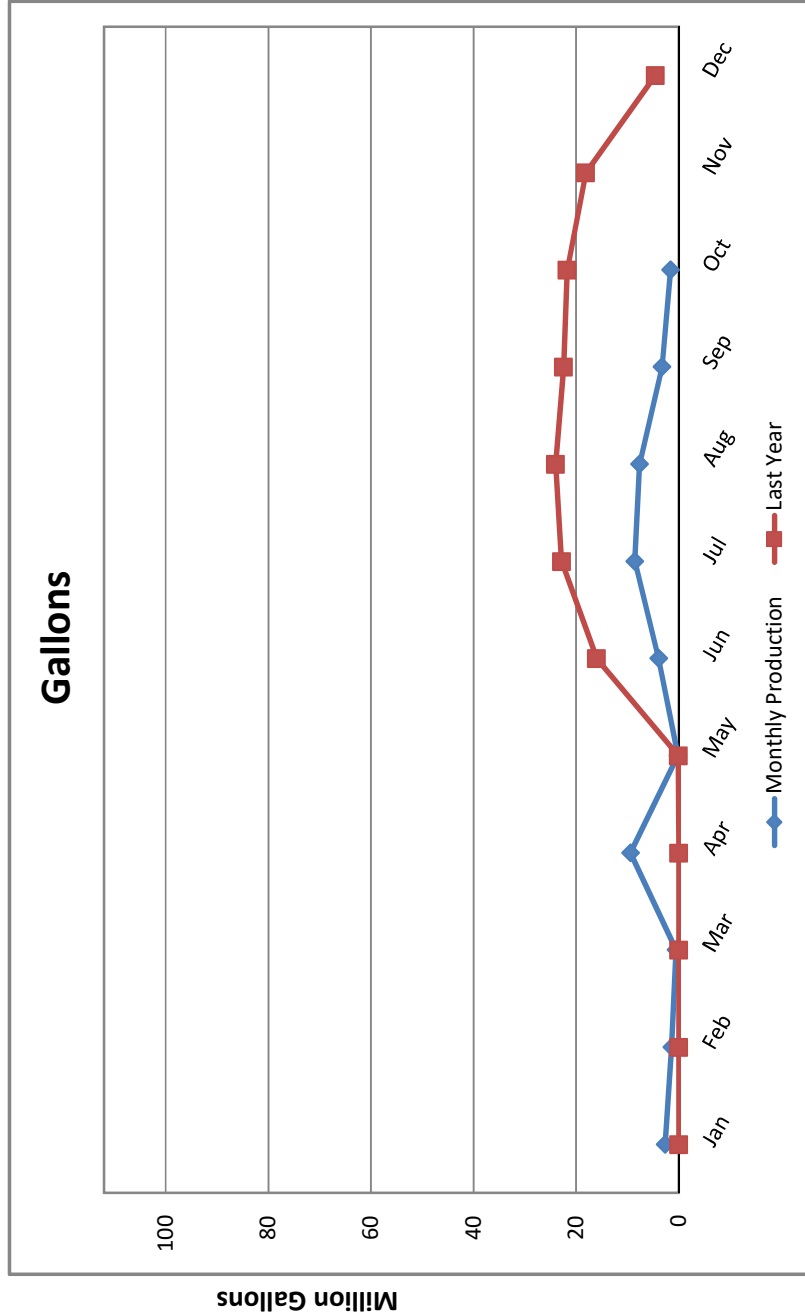
Average GPM: 551

Motor:
Volts: 462
Volts (Rated): 460

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

Hour Meter: 47.50
KW Hour Total: 2,035

Chlorine:
Dosing: 1.31 mg/L
Demand: 0.55 mg/L
Residual: 0.76 mg/L





Elk Grove Water District

Monthly Production

Well 9 Polhemus -- Oct. 2019
(Submersible)

Selected Month Production
5,490,000 Gallons

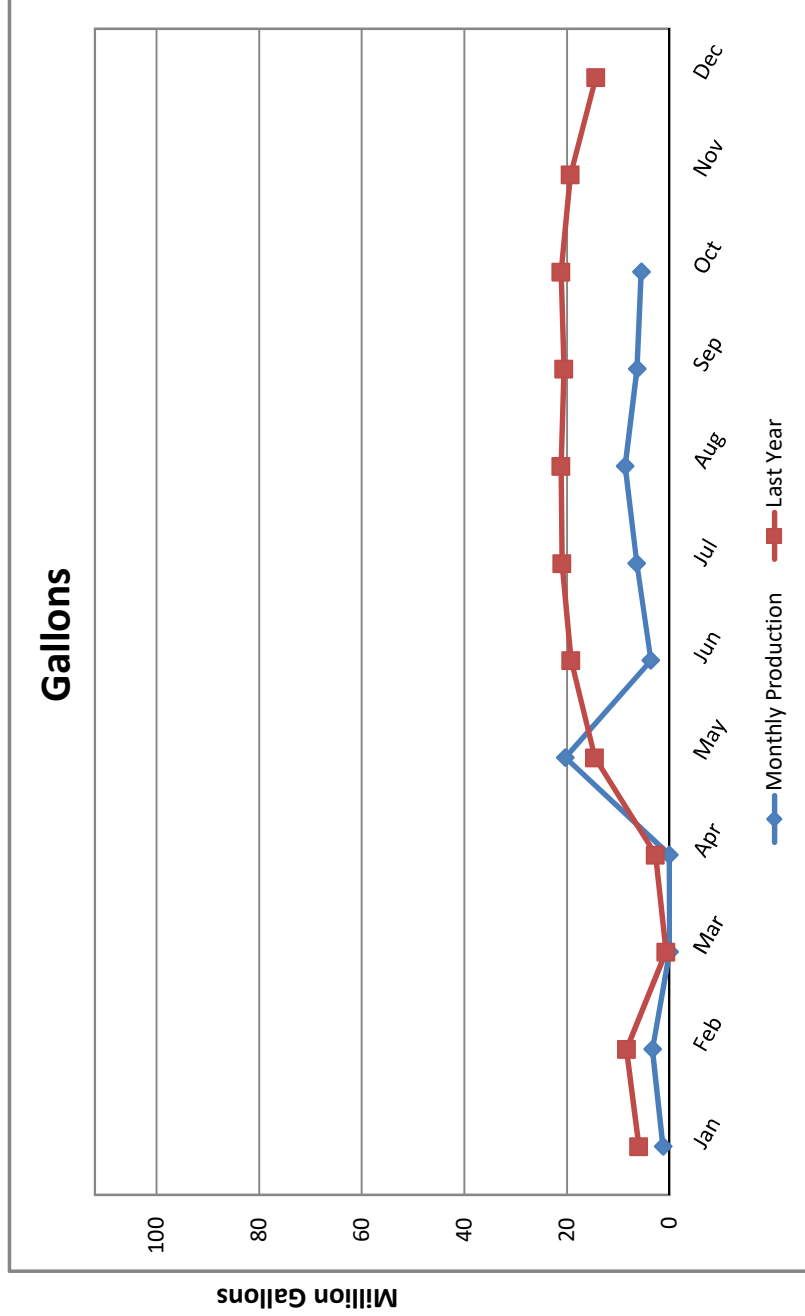
Average GPM: 479

Motor:
Volts: 480
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: 190.90
KW Hour Total: 7,710

Chlorine:
Dosing: 1.37 mg/L
Demand: 0.61 mg/L
Residual: 0.76 mg/L





Elk Grove Water District

Monthly Production

Well 13 Hampton -- Oct. 2019

Selected Month Production
40,945,538 Gallons

Average GPM: 966

Motor:

Volts: 477
 Volts (Rated): 460
 RPM: 1787
 RPM (Rated): 1785
 Amps A: 103
 Amps A (Rated): 141
 Amps B: 105
 Amps B (Rated): 141
 Amps C: 107
 Amps C (Rated): 141

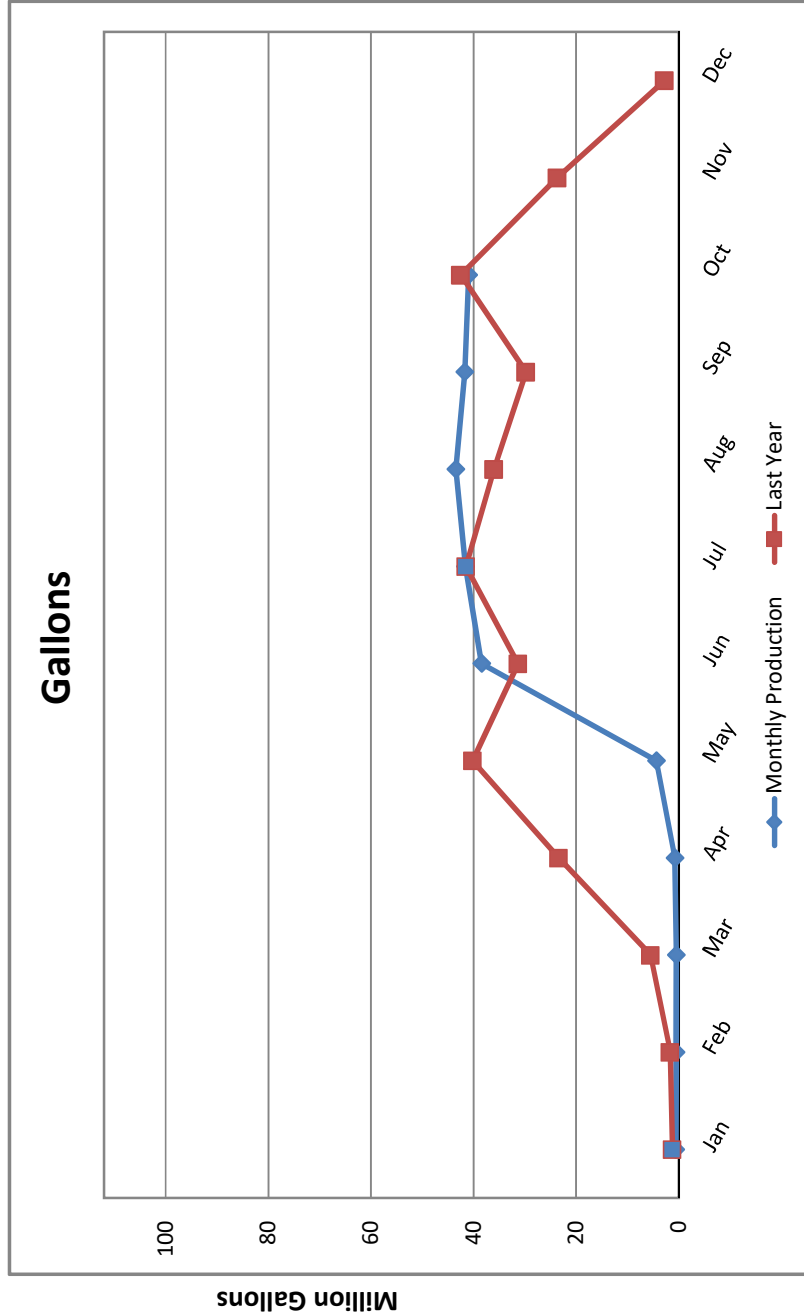
Motor Temp.: 114.2 F
 Hour Meter: 706.60
 KW Hour Total: 52,260

Chlorine:

Dosing: 1.47 mg/L
 Demand: 0.62 mg/L
 Residual: 0.85 mg/L

Vibration Reading:

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





Elk Grove Water District

Combined Total Production

Service Area 1

Oct-2019

Current Month Production:

134,920,719 Gallons

Highest Day Demand of the Month:

4,838,954

Date of Occurrence

1-Oct-19

Highest Day Demand of the Calendar Year:

6,259,258

Date of Occurrence

27-Aug-19

"Water Year" Rainfall: (Oct-19 to Sep-20)

Current Month: 0.00 in

Year To Date: 0.00 in

"Water Year" Rainfall: (Oct-18 to Sep-19)

Oct. 2018: 0.04 in

Year To Date: 0.04 in

Last Year Total: 24.37 in

Temperature:

This Month High: 90 F

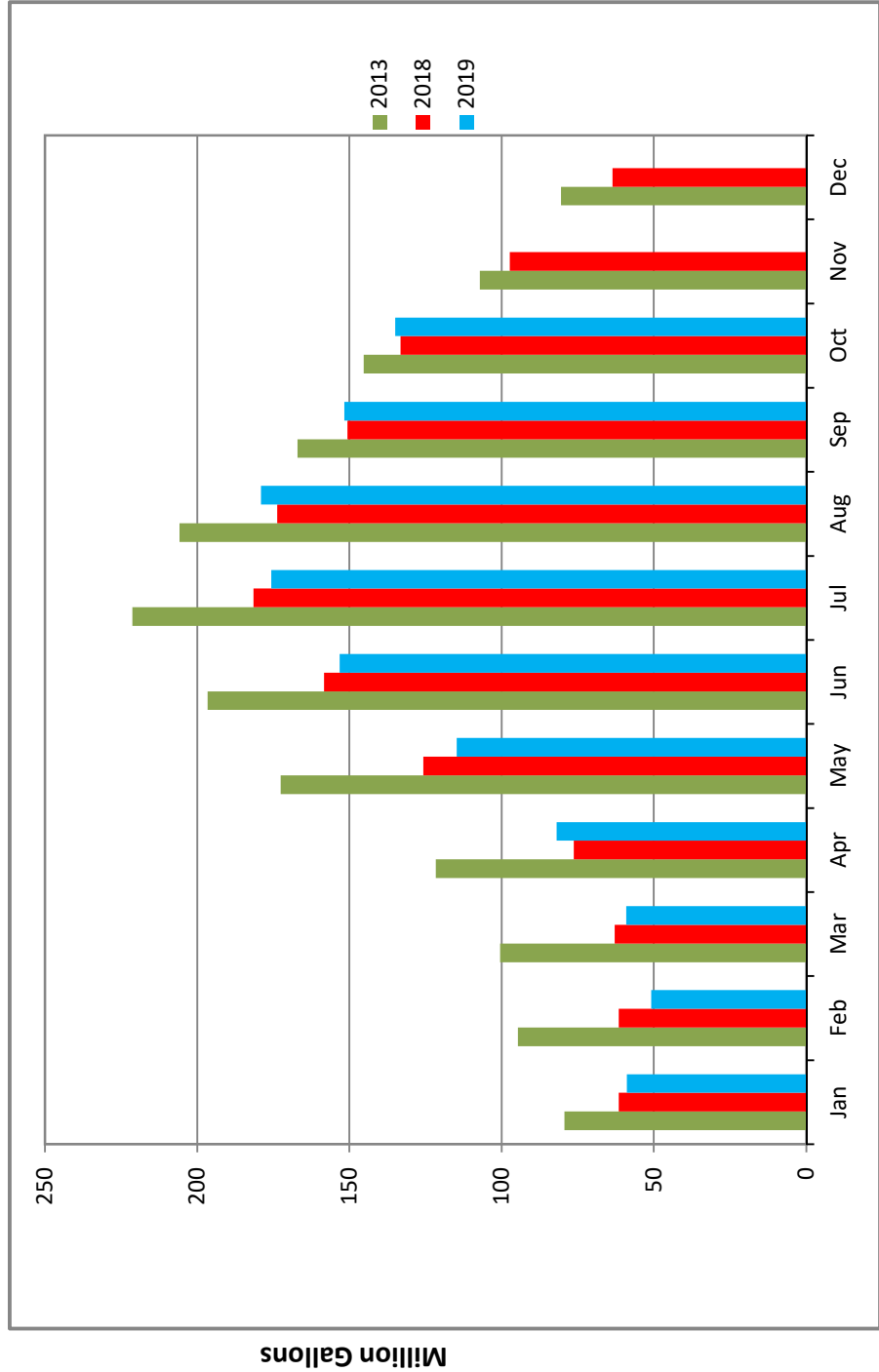
This Month Low: 37 F

This Month Average: 63.15 F

OCT-18 High: 85 F

OCT-18 Low: 41 F

OCT-18 Average: 65.25 F

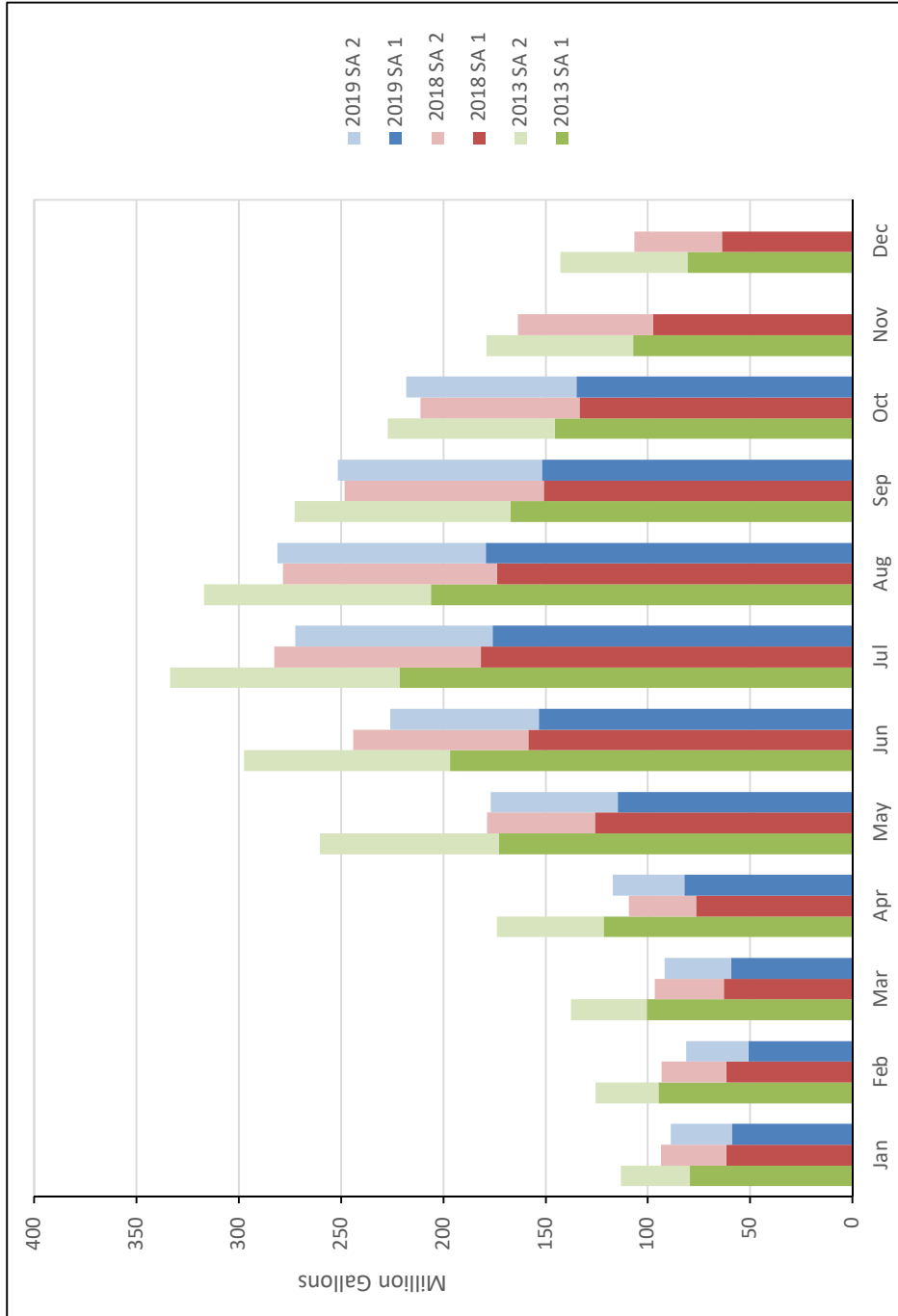




Elk Grove Water District

Total Demand/Production

Oct-2019



Current Month Demand/Production:
217,817,819 Gallons
Reduction From Oct 2013: 4.05%
GPCD: 155.3 Gallons per Day
R-GPCD: 119.6 Gallons per Day

Service Area 1
Active Connections: 7,944
Current Month Demand/Production:
134,920,719 Gallons
Reduction From Oct 2013: 7.18%
GPCD: 152.4 Gallons per Day
R-GPCD: 118.8 Gallons per Day

Service Area 2
Active Connections: 4,502
Current Month Demand/Production:
82,897,100 Gallons
Reduction From Oct 2013: -1.51%
GPCD: 160.3 Gallons per Day
R-GPCD: 123.4 Gallons per Day

Elk Grove Water District Water Usage

	Monthly Production (gallons)											
	January	February	March	April	May	June	July	August	September	October	November	December
2013												
GW (SA1)	68,254,916	81,368,191	100,542,522	121,613,523	172,623,839	196,557,137	221,335,388	205,830,850	166,997,536	145,352,530	107,186,459	80,494,167
Purchased (SA2)	33,769,956	30,929,052	36,942,972	51,911,200	87,470,372	100,709,224	112,128,192	110,885,764	105,417,136	81,665,892	71,505,060	62,165,532
Total	102,024,872	112,297,243	137,485,494	173,524,723	260,094,211	297,266,361	333,463,580	316,716,614	272,414,672	227,018,422	178,691,519	142,659,699

	January	February	March	April	May	June	July	August	September	October	November	December
2015												
GW (SA1)	62,684,574	57,365,413	86,489,437	88,984,850	106,158,389	114,555,359	127,038,586	125,052,315	117,883,208	99,385,733	64,079,715	57,508,787
Purchased (SA2)	28,648,400	30,029,208	36,876,400	51,626,212	52,734,000	62,368,240	71,273,928	75,055,068	70,123,504	63,526,892	46,873,420	34,399,772
Total	91,332,974	87,394,621	123,365,837	140,611,062	158,892,389	176,923,599	198,312,514	200,107,383	188,006,712	162,912,625	110,953,135	91,908,559

	January	February	March	April	May	June	July	August	September	October	November	December
2016												
GW (SA1)	54,579,679	53,455,693	56,776,025	80,317,655	110,937,338	148,518,660	164,758,463	159,501,571	140,200,584	99,019,629	63,087,762	59,635,559
Purchased (SA2)	27,516,676	26,507,624	27,531,636	34,054,196	51,071,196	75,541,268	96,246,656	93,992,184	86,904,136	75,682,640	37,088,084	28,894,492
Total	82,096,355	79,963,317	84,307,661	114,371,851	162,008,534	224,059,928	261,005,119	253,493,755	227,104,720	174,702,269	100,175,846	88,530,051

	January	February	March	April	May	June	July	August	September	October	November	December
2017												
GW (SA1)	59,973,881	50,320,832	61,080,559	68,658,752	137,599,305	155,472,951	180,086,739	173,684,119	152,475,400	131,390,808	76,619,642	67,874,741
Purchased (SA2)	26,951,188	28,184,640	28,756,860	34,167,892	48,653,660	87,003,620	96,535,384	104,766,376	98,979,848	84,154,488	61,788,540	34,228,480
Total	86,925,069	78,505,472	89,837,419	102,826,644	186,252,965	242,476,571	276,622,123	278,450,495	251,455,248	215,545,296	138,408,182	102,103,221

	January	February	March	April	May	June	July	August	September	October	November	December
2018												
GW (SA1)	61,547,751	61,558,850	62,848,303	76,267,144	125,703,221	158,313,394	181,467,446	173,737,676	150,609,278	133,163,991	97,294,654	63,631,042
Purchased (SA2)	31,925,388	31,512,492	33,779,680	32,989,792	52,692,860	85,679,660	101,031,612	104,457,452	97,400,072	77,996,204	66,116,468	42,849,180
Total	93,473,139	93,071,342	96,627,983	109,256,936	178,396,081	243,993,054	282,499,058	278,195,128	248,009,350	211,160,195	163,411,122	106,480,222

	January	February	March	April	May	June	July	August	September	October	November	December
2019												
GW (SA1)	58,847,001	50,827,497	59,064,385	81,981,728	114,733,502	153,176,826	175,692,823	179,038,979	151,703,906	134,920,719		
Purchased (SA2)	29,895,316	30,359,076	32,485,640	34,994,432	61,802,004	72,657,728	96,524,164	101,818,508	99,590,964	82,897,100		
Total	88,742,317	81,186,573	91,550,025	116,976,160	176,535,506	225,834,554	272,216,987	280,857,487	251,294,870	217,817,819	0	0

% Reduction from 2013 13.02% 27.70% 33.41% 32.59% 32.13% 24.03% 18.37% 11.32% 7.75% 4.05% 100.00% 100.00%

*Notes

2013 January and February production numbers do not match actually recorded production because of an open intertie delivering water to SA2. Information below is further details.

SA1 = Service Area 1, SA2 = Service Area 2. SA1 is all groundwater (GW) production. SA2 is all purchased water from SCWA.
 Actual Recorded Prod. (Jan. 2013) - Service Area 1 79,361,342 gallons (Includes water delivered to SA2 due to open intertie. Intertie closed end of Feb. 2013)
 Actual Recorded Prod. (Feb. 2013) - Service Area 1 94,608,406 gallons (Includes water delivered to SA2 due to open intertie. Intertie closed end of Feb. 2013)

To determine estimate of Feb. 2013 production delivered to Service Area 1, use multiplier from March data which is seasonally similar.)

Service Area 1 Multiplier = 1.39 (calculated from March 2013 Prod. Data/March 2014 Prod. Data)

Calc'd Feb. 2013 Prod. = Feb. 2014 Prod. Data x 1.39 = 79,737,924

To determine estimate of Jan. 2013 production, use prorated amount from Feb. 2013 data. (This method due to Jan. 2014 being unseasonably hot.)

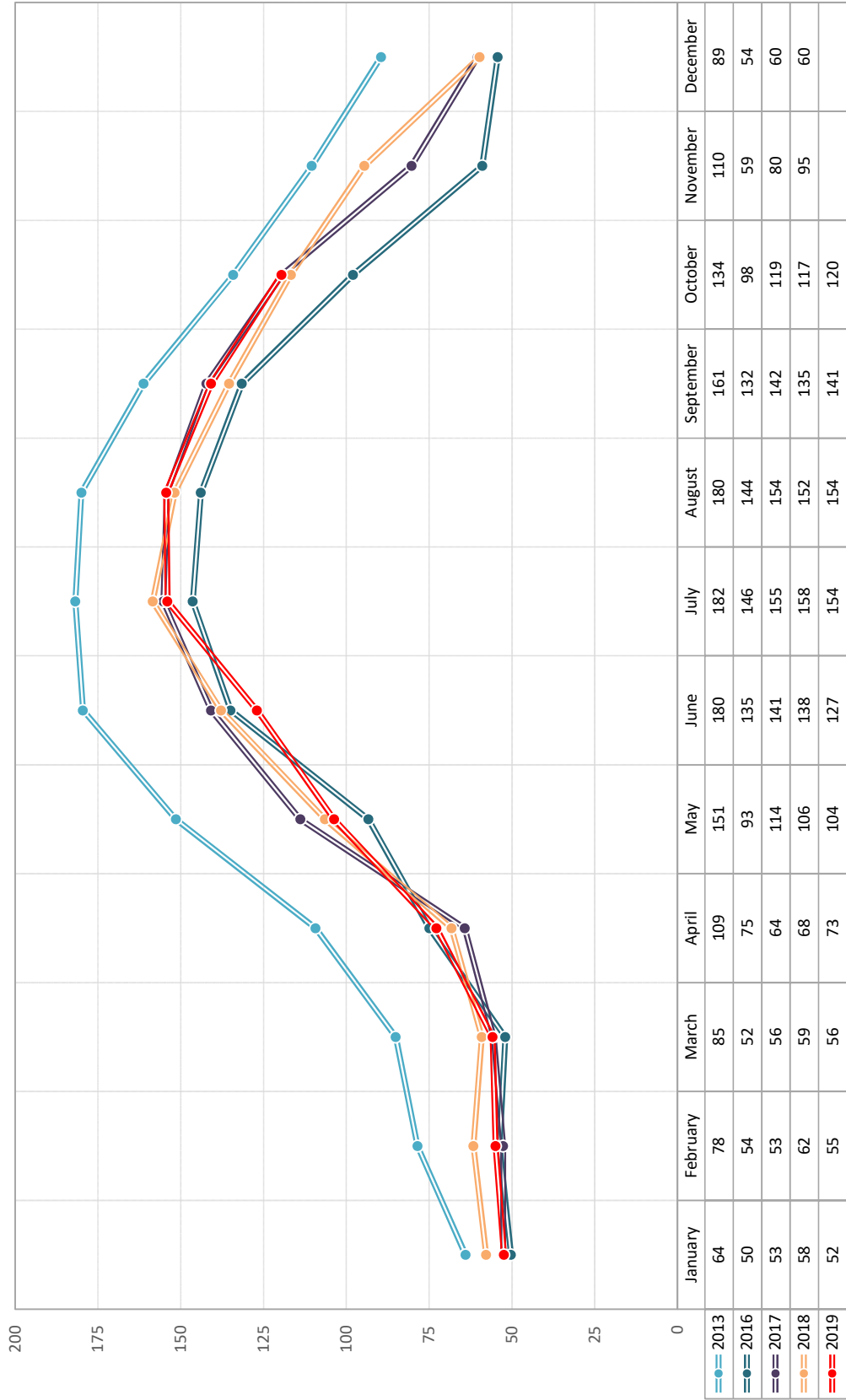
Calc'd Jan. 2013 Prod. = (Feb. 2013 Prod. Data Calc'd / Feb. 2013 Prod. Data Actual) x Jan. 2013 Prod. Data Actual = 68,254,916

Service Area 2		Consumption	
2019	# Accts	CCF	Gallons
Jan	4,412	39,967	29,895,316
Feb	4,416	40,587	30,359,076
Mar	4,416	43,430	32,485,640
Apr	4,422	46,784	34,994,432
May	4,427	82,623	61,802,004
Jun	4,434	97,136	72,657,728
Jul	4,434	129,043	96,524,164
Aug	4,477	136,121	101,818,508
Sep	4,478	133,143	99,590,964
Oct	4,497	110,825	82,897,100
Nov			0
Dec			0



EGWD COMBINED R-GPCD

● 2013
 ● 2016
 ● 2017
 ● 2018
 ● 2019

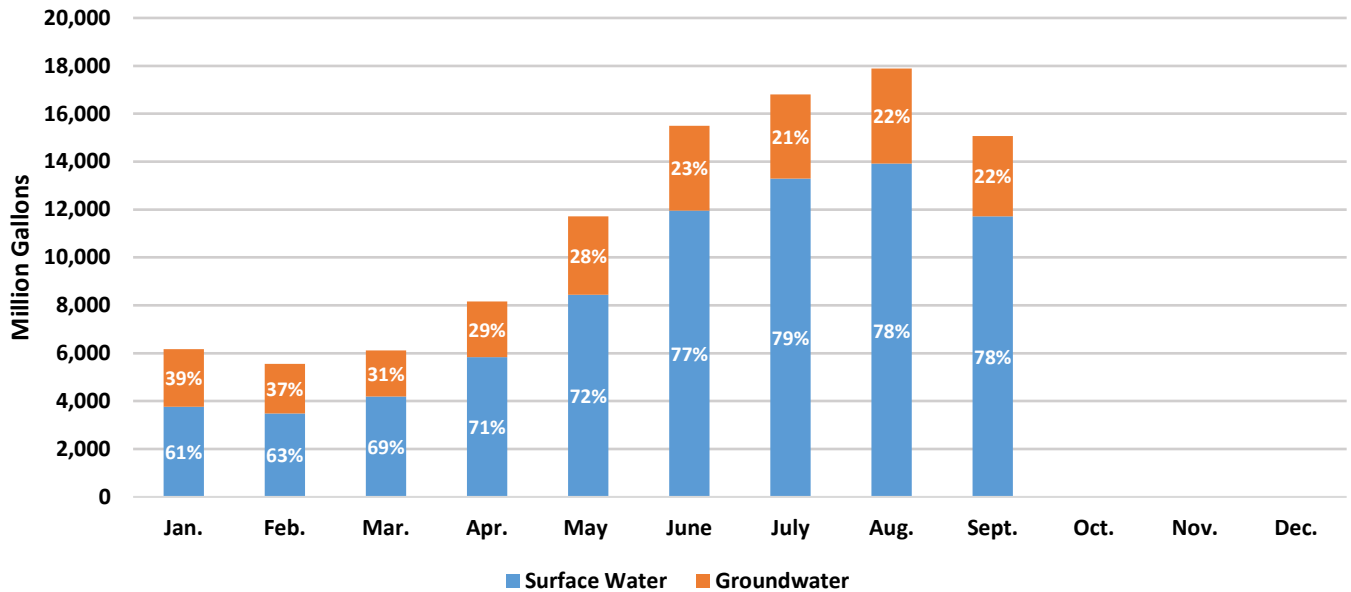


September 2019 Data Summary

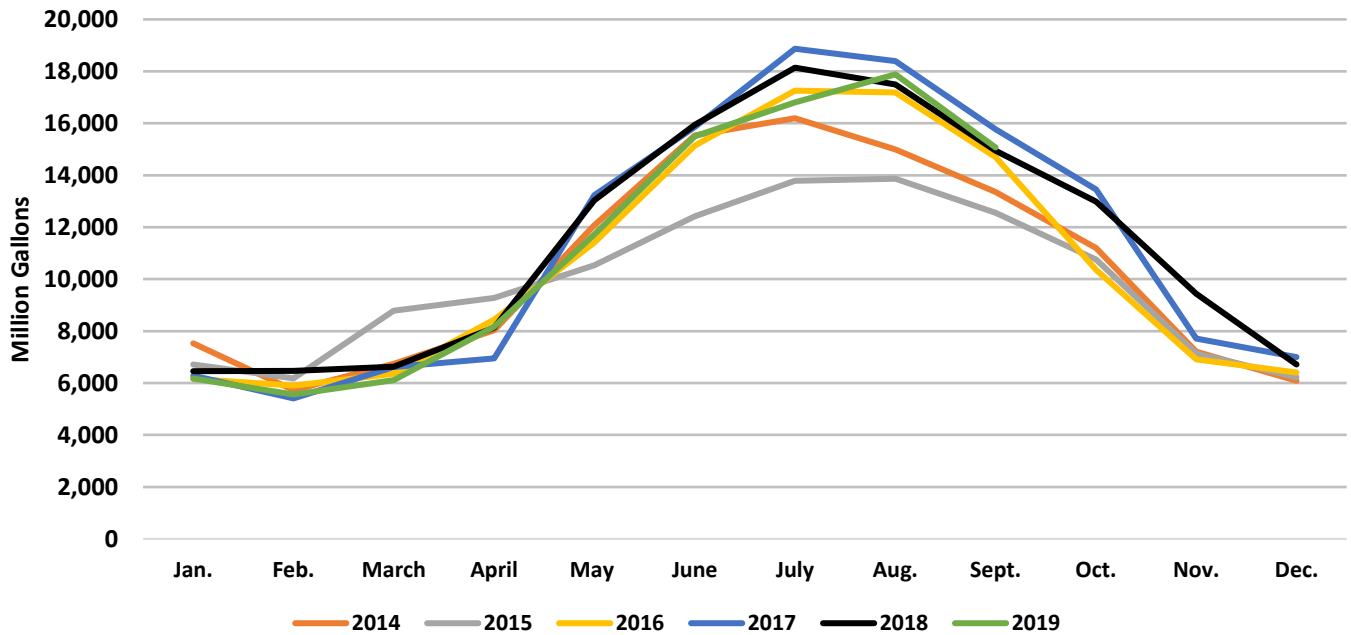
2019 Monthly Water Production by Source (Million Gallons)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
SW	4,230	3,866	4,180	5,811	8,410	11,542	13,289	13,917	11,719				76,963
GW	2,103	1,714	1,923	2,351	3,312	3,541	3,547	3,968	3,348				25,807
Total	6,333	5,580	6,103	8,163	11,721	15,083	16,835	17,885	15,068				102,770

2019 Monthly Water Production by Source



Regional Monthly Water Production (Million Gallons)

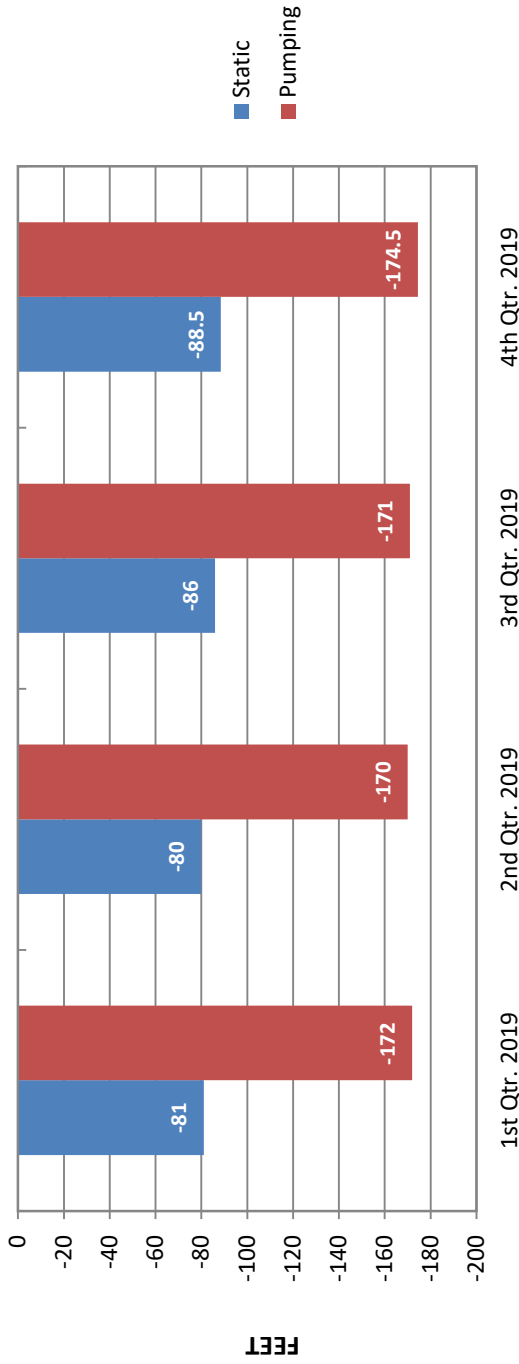




Elk Grove Water District

Static and Pumping Levels

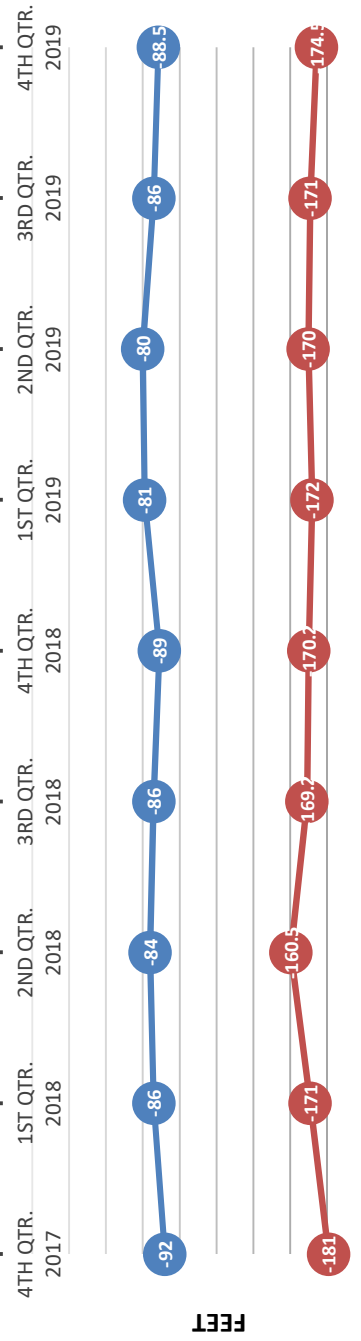
Well 1D School St



Latest Well Sounding

Static: 88.5 Ft
 Pumping: 174.5 Ft
 Drawdown: 86 Ft
 GPM: 1,783
 Specific Capacity: 20.733

Sounding Quarter/Year



Latest Sand Tester Results:

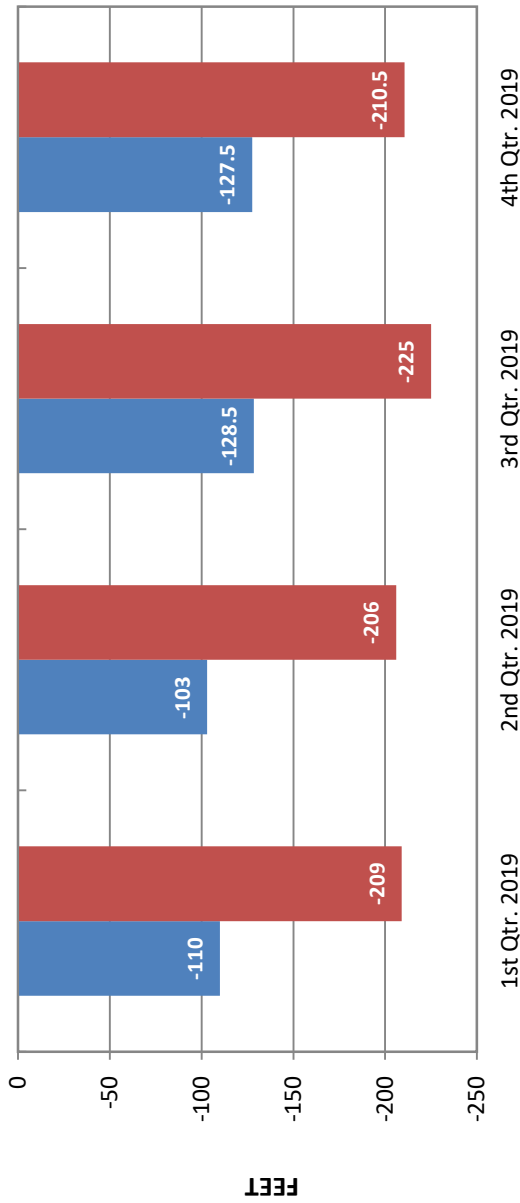
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

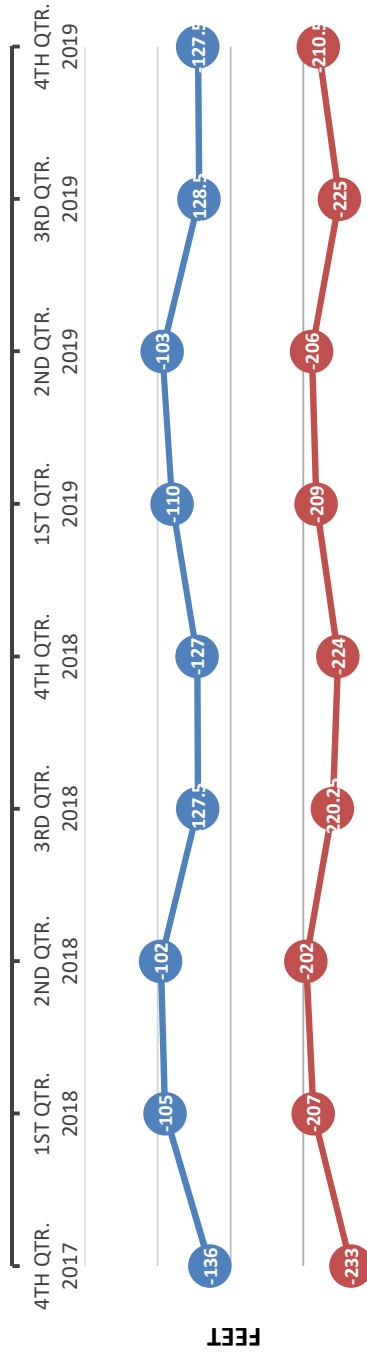
Well 4D Webb St



Latest Well Sounding

Static: 127.5 Ft
 Pumping: 210.5 Ft
 Drawdown: 83 Ft
 GPM: 1,422
 Specific Capacity: 17.135

Sounding Quarter/Year



Latest Sand Tester Results:

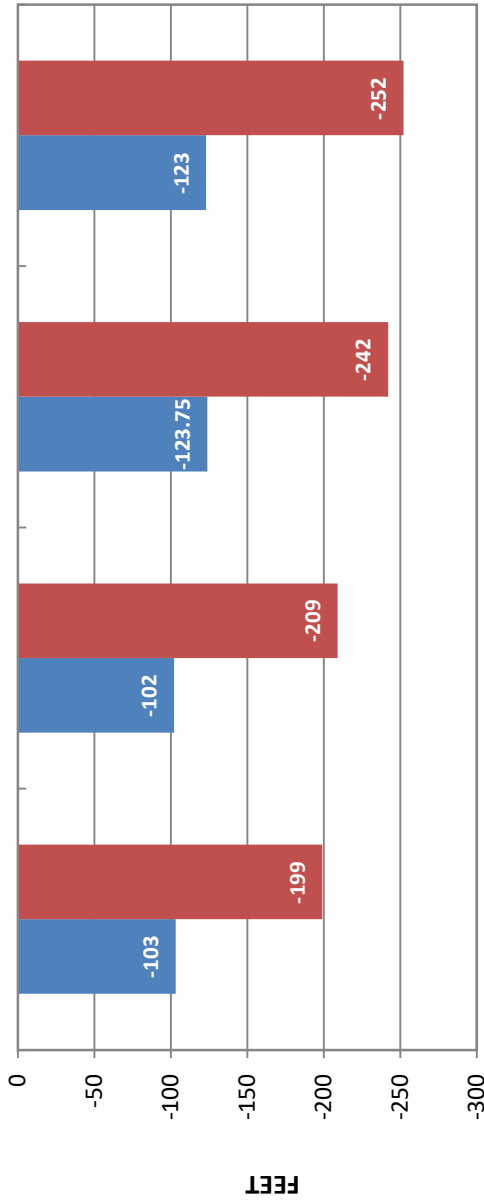
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

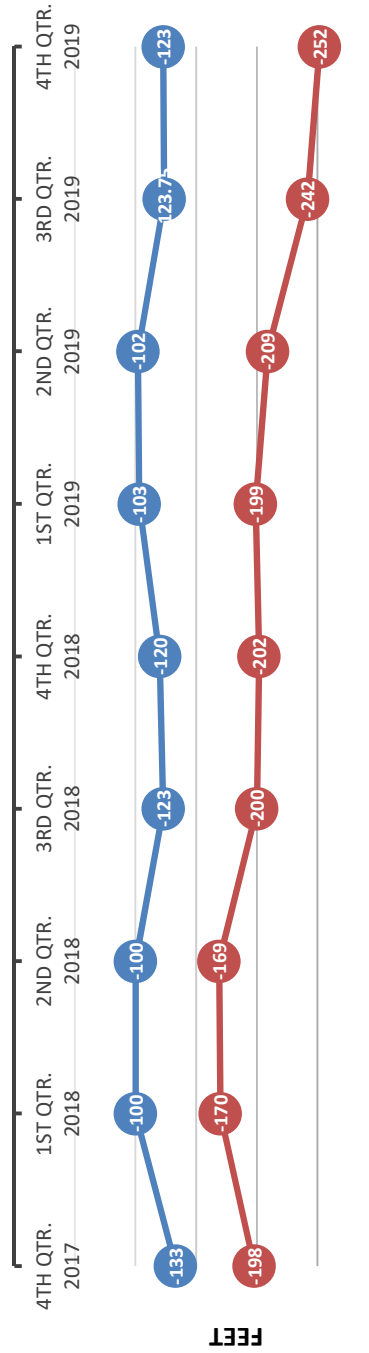
Well 11D Dino



Latest Well Sounding

Static: 123 Ft
Pumping: 252 Ft
Drawdown: 129 Ft
GPM: 1,719
Specific Capacity: 13.326

Sounding Quarter/Year



Latest Sand Tester Results:

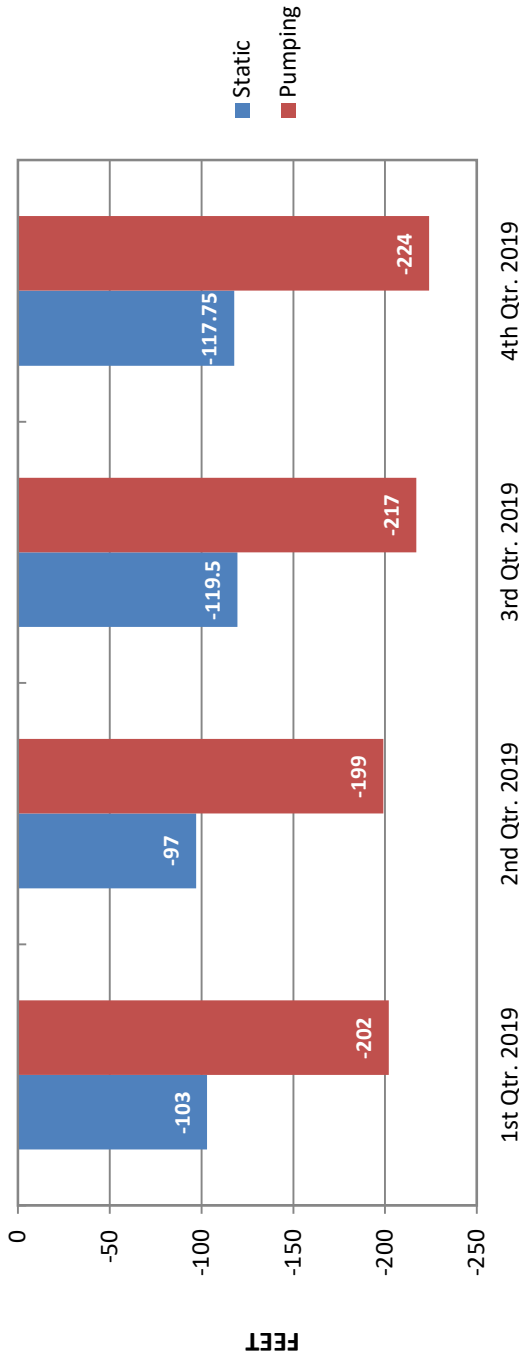
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

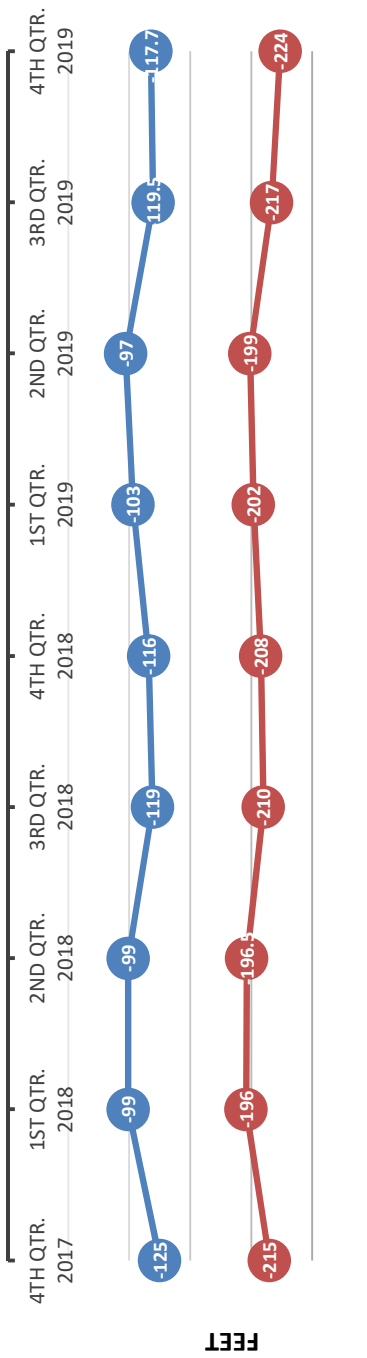
Well 14D Railroad



Latest Well Sounding

Static: 117.75 Ft
Pumping: 224 Ft
Drawdown: 106.25 Ft
GPM: 1,487
Specific Capacity: 14.000

Sounding Quarter/Year



Latest Sand Tester Results:

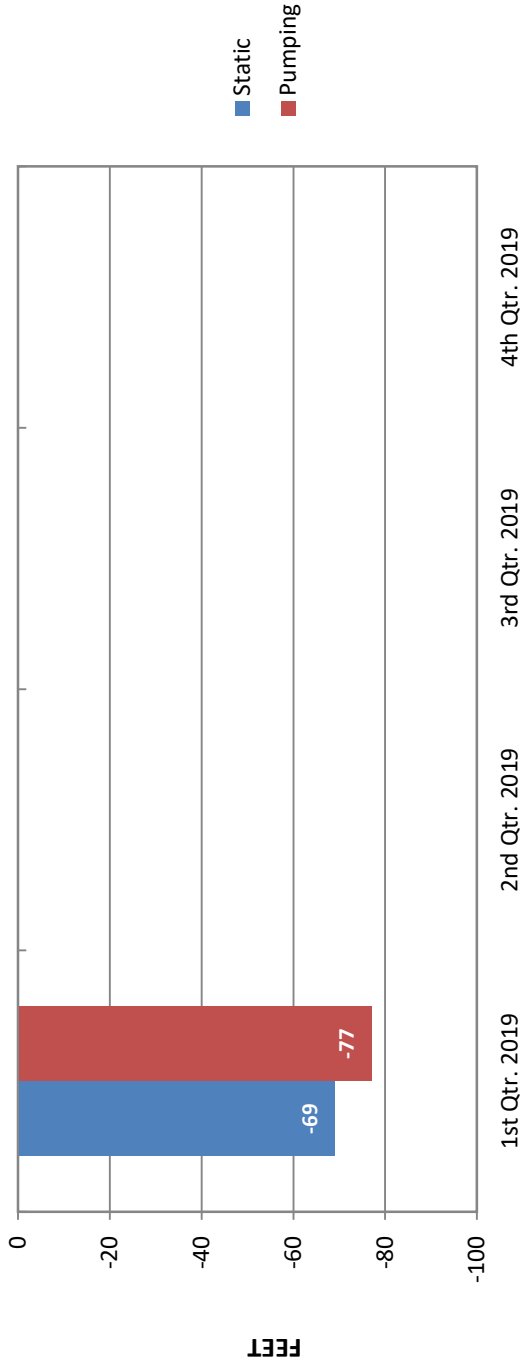
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

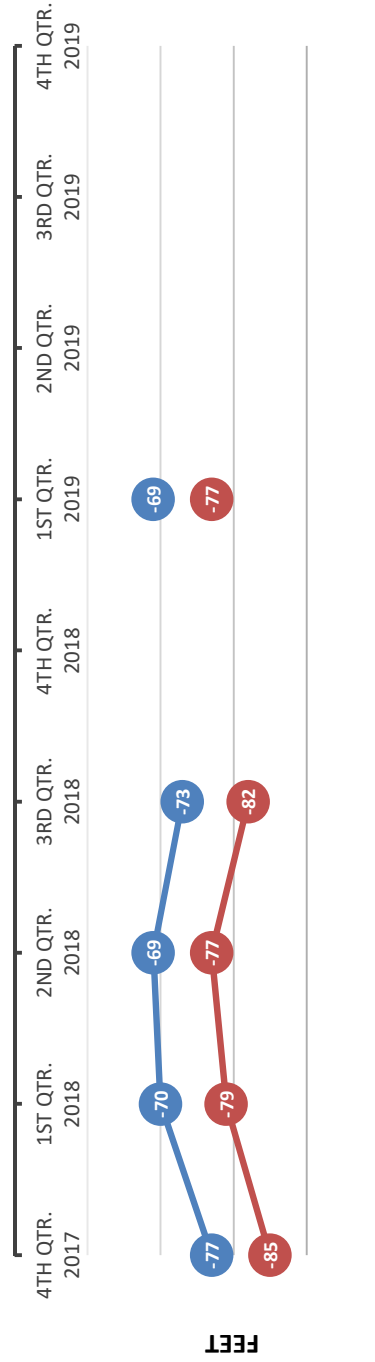
Well 3 Mar-Val



Latest Well Sounding

Static: 69 Ft
 Pumping: 77 Ft
 Drawdown: 8 Ft
 GPM: 810
 Specific Capacity: 101.250

Sounding Quarter/Year



Latest Sand Tester Results:

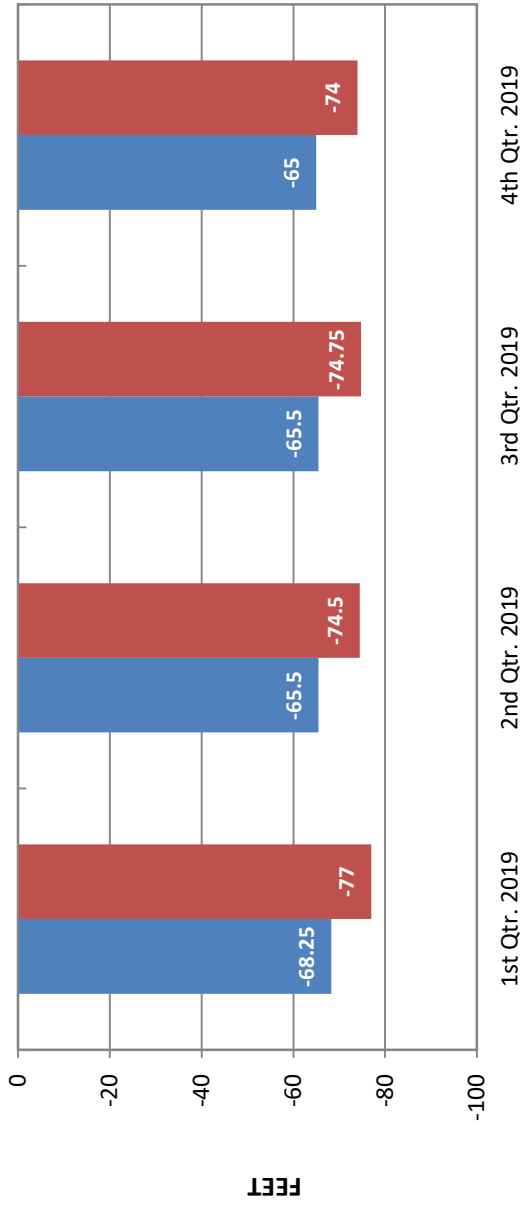
15 Min: 7.044 ppm



Elk Grove Water District

Static and Pumping Levels

Well 8 Williamson

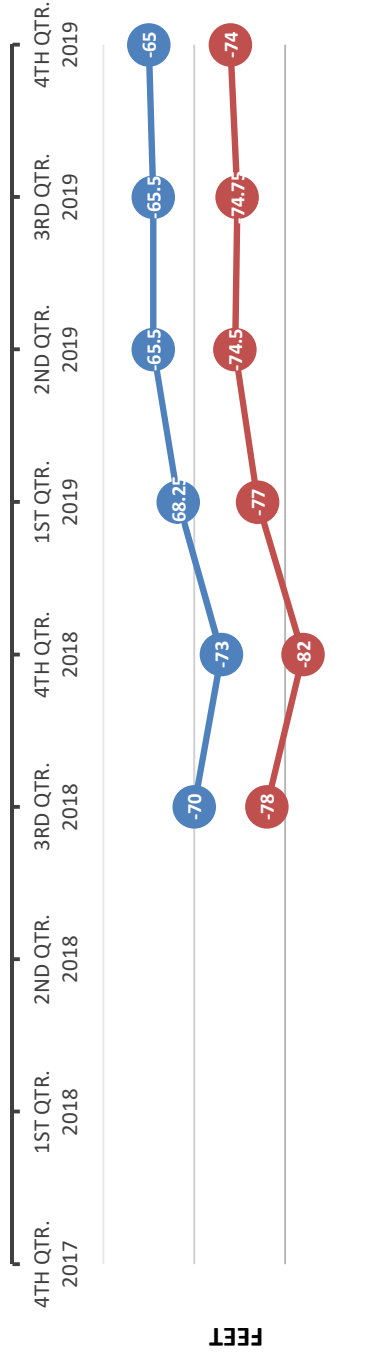


Latest Well Sounding

Static: 65 Ft
 Pumping: 74 Ft
 Drawdown: 9 Ft
 GPM: 542
 Specific Capacity: 60.227

■ Static
 ■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

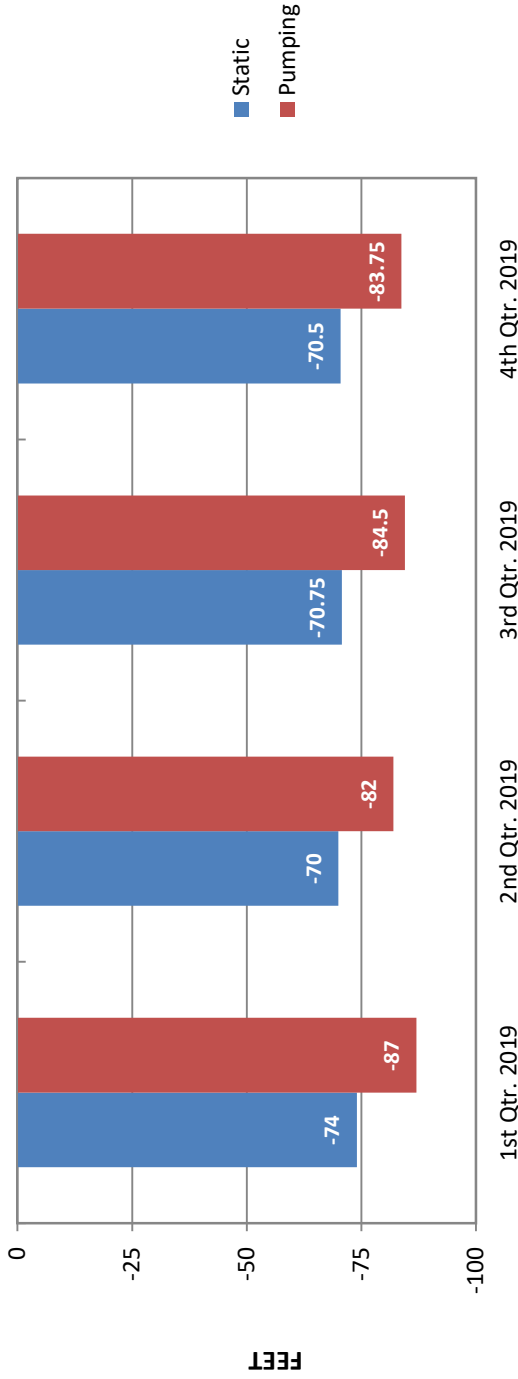
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

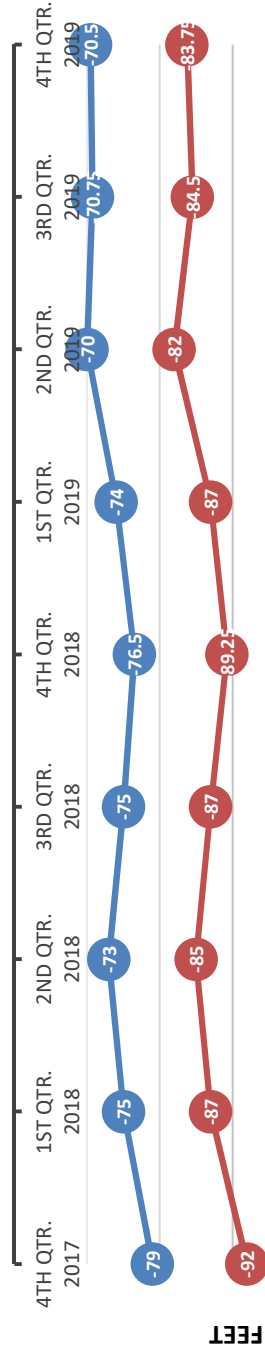
Well 9 Polhemus



Latest Well Sounding

Static: 70.5 Ft
 Pumping: 83.75 Ft
 Drawdown: 13.25 Ft
 GPM: 490
 Specific Capacity: 36.981

Sounding Quarter/Year



Latest Sand Tester Results:

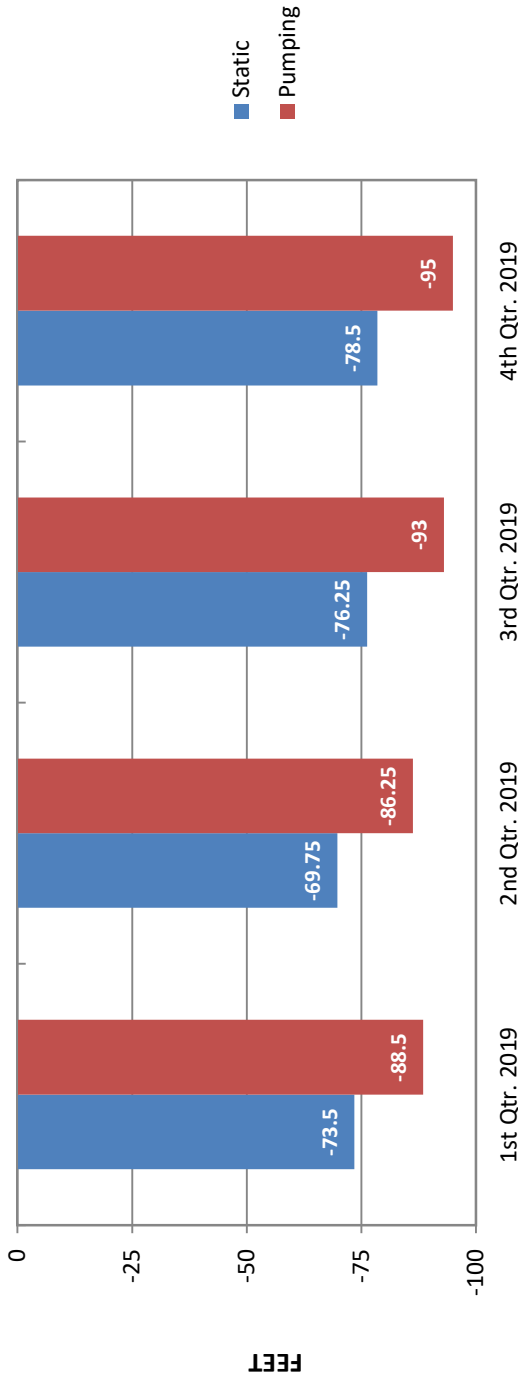
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

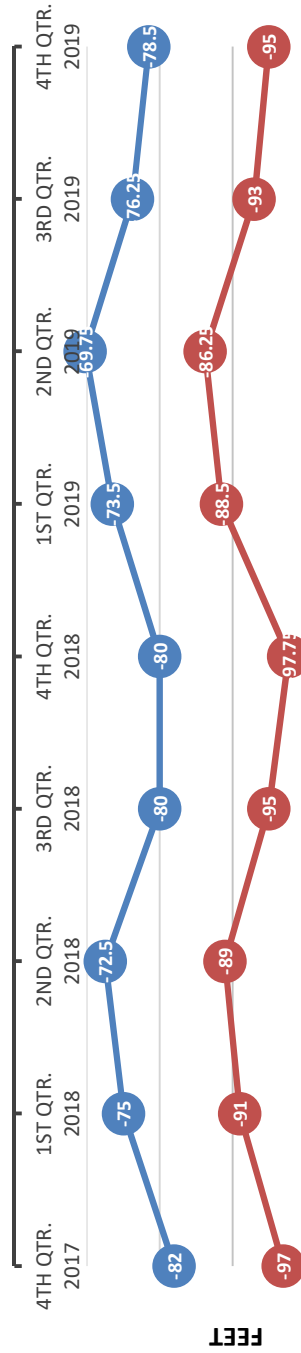
Well 13 Hampton



Latest Well Sounding

Static: 78.5 Ft
 Pumping: 95 Ft
 Drawdown: 16.5 Ft
 GPM: 993
 Specific Capacity: 60.187

Sounding Quarter/Year



Latest Sand Tester Results:

15 Min: < 5 ppm

**Monthly Sample Report - October 2019
Water System: Elk Grove Water System**

Sampling Point: 01 - 8693 W. Camden			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Distribution System	Bacteriological	Week
10/8/2019	Distribution System	Bacteriological	Week
10/15/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	Bacteriological	Week
10/29/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	TTHM / HAA5	Quarterly

Sampling Point: School Well 01D - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/15/2019	Source Water	3 mo - Bacteriological	Quarterly
10/15/2019	Source Water	3 mo - Fe,Mn,As Total	Quarterly
10/15/2019	Source Water	3 mo - Fe,Mn,As Dissolved	Quarterly

Sampling Point: 02 - 9425 Emerald Vista			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Distribution System	Bacteriological	Week
10/8/2019	Distribution System	Bacteriological	Week
10/15/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	Bacteriological	Week
10/29/2019	Distribution System	Bacteriological	Week

Sampling Point: - Mar-Val Well 3 Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
		Out of Service for Rehab	

Sampling Point: 03 - 8809 Valley Oak			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Distribution System	Bacteriological	Week
10/8/2019	Distribution System	Bacteriological	Week
10/15/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	Bacteriological	Week
10/29/2019	Distribution System	Bacteriological	Week

Sampling Point: Webb Well 04D - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Source Water	3 mo - Bacteriological	Quarterly
10/1/2019	Source Water	3 mo - Fe,Mn,As Total	Quarterly
10/1/2019	Source Water	3 mo - Fe,Mn,As Dissolved	Quarterly

Sampling Point: 04 - 10122 Glacier Point			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Distribution System	Bacteriological	Week
10/8/2019	Distribution System	Bacteriological	Week
10/15/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	Bacteriological	Week
10/29/2019	Distribution System	Bacteriological	Week

Sampling Point: 05 - 9230 Amsden Ct.			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Distribution System	Bacteriological	Week
10/8/2019	Distribution System	Bacteriological	Week
10/15/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	Bacteriological	Week
10/29/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	TTHM / HAA5	Quarterly

Sampling Point: 06 - 9227 Rancho Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Distribution System	Bacteriological	Week
10/8/2019	Distribution System	Bacteriological	Week
10/15/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	Bacteriological	Week
10/29/2019	Distribution System	Bacteriological	Week

Sampling Point: 07 - Al Gates Park Mainline Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Distribution System	Bacteriological	Week
10/8/2019	Distribution System	Bacteriological	Week
10/15/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	Bacteriological	Week
10/29/2019	Distribution System	Bacteriological	Week

Sampling Point: - Williamson Well 8 Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
10/8/2019	Source Water	3 mo - Bacteriological	Quarterly
10/8/2019	Source Water	3 mo - Fe,Mn,As Total	Quarterly
10/8/2019	Source Water	3 mo - Fe,Mn,As Dissolved	Quarterly

Sampling Point: 08 - 9436 Hollow Springs Wy.

Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Distribution System	Bacteriological	Week
10/8/2019	Distribution System	Bacteriological	Week
10/15/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	Bacteriological	Week
10/29/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	TTHM / HAA5	Quarterly
10/1/2019	Distribution System	Fluoride	Monthly

Sampling Point: Polhemus Well 9 Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/22/2019	Source Water	3 mo - Bacteriological	Quarterly
10/22/2019	Source Water	3 mo - Fe,Mn,As Total	Quarterly
10/22/2019	Source Water	3 mo - Fe,Mn,As Dissolved	Quarterly

Sampling Point: 09 - 8417 Blackman Wy.			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Distribution System	Bacteriological	Week
10/8/2019	Distribution System	Bacteriological	Week
10/15/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	Bacteriological	Week
10/29/2019	Distribution System	Bacteriological	Week

Sampling Point: 10 - 9373 Oreo Ranch Cir.			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Distribution System	Bacteriological	Week
10/8/2019	Distribution System	Bacteriological	Week
10/15/2019	Distribution System	Bacteriological	Week
10/22/2019	Distribution System	Bacteriological	Week
10/29/2019	Distribution System	Bacteriological	Week

Sampling Point: Dino Well 11D - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/22/2019	Source Water	3 mo - Bacteriological	Quarterly
10/22/2019	Source Water	3 mo - Fe,Mn,As Total	Quarterly
10/22/2019	Source Water	3 mo - Fe,Mn,As Dissolved	Quarterly

Sampling Point: Hampton Well 13 - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/7/2019	Source Water	Fe, Mn, As, Total	Weekly
10/8/2019	Source Water	Bacteriological	Weekly
10/15/2019	Source Water	Fe, Mn, As, Total	Weekly
10/21/2019	Source Water	Fe, Mn, As, Total	Weekly
10/28/2019	Source Water	Fe, Mn, As, Total	Weekly

Sampling Point: Hampton WTP Effluent			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/7/2019	Treated Effluent	Fe, Mn, As, Total	Weekly
10/15/2019	Treated Effluent	Fe, Mn, As, Total	Weekly
10/21/2019	Treated Effluent	Fe, Mn, As, Total	Weekly
10/28/2019	Treated Effluent	Fe, Mn, As, Total	Weekly

Sampling Point: Railroad Well 14D - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Source Water	3 mo - Bacteriological	Quarterly
10/1/2019	Source Water	3 mo - Fe, Mn, As Total	Quarterly
10/1/2019	Source Water	3 mo - Fe, Mn, As Dissolved	Quarterly
10/1/2019	Source Water	3 mo - Threshold Odor	Quarterly

Sampling Point: Railroad WTP Effluent			
Sample Date	Sample Class	Sample Name	Collection Occurrence
10/1/2019	Treated Plant Effluent	WTP Eff - Fe, Mn, As, Al Total	Month
10/1/2019	Treated Plant Effluent	WTP Eff - Fe, Mn, As, Al Dissolved	Month

Sampling Point: Special Distribution/Construction Samples

Sample Date	Sample Class	Sample Name	Collection Description
10/11/2019	Distribution System	Bacteriological	Hydrant Lateral Installation
10/16/2019	Distribution System	Bacteriological	9393 Quintero Av.
10/16/2019	Distribution System	Bacteriological	9874 Clyde Ingallsbe St.
10/16/2019	Distribution System	Bacteriological	9895 Ted Kolb Wy.
10/23/2019	Distribution System	Bacteriological	Hydrant Replacement Contemporary Ct. 8772
10/29/2019	Distribution System	Bacteriological	Hydrant Replacement Emerald Vista Dr. 9281

Colors

Black = Scheduled

Green = Unscheduled

Red = Incomplete Sample

Monthly Total

78

13

0

Yearly Total

673

79



November 5, 2019

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

MONTHLY COMPLIANCE REPORT

Enclosed is the Monthly Compliance Report Form from Elk Grove Water District for October 2019.

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

COMPLIANCE REPORT FORM

Attn: Michelle Pate	E-mail: patem@sacsewer.com	Wastewater Source Control Section
Phone (916) 875-9091		Fax (916) 875-6374
From:		
Company: Elk Grove Water District		Permit #: WTP010

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

Month:	October	Year:	2019
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<u> </u> X	Water use/flow meter report		Total Gallons
		Hampton WTP	1,133,689
		Railroad WTP	0
		Analyzer Water	35,712

 Monitoring results/analytical report

Discharge Rate

Check the statement below that applies to this report:

 X 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	3	20	15	900
Office	5	20	10	1000
Drivers/Field	12	20	3	720
			Total	2,620

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:

11-6-2019



November 5, 2019

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 the Distribution System Coliform Monitoring report from Elk Grove Water District for October 2019.

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".

STEVE SHAW
WATER TREATMENT SUPERVISOR

MONTHLY SUMMARY OF DISTRIBUTION SYSTEM COLIFORM 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;">October</p>	Year <p style="text-align: center; font-size: 1.2em;">2019</p>

	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/ E.coli Positives
1. Routine Samples (see note 1)	<u>50</u>	<u>50</u>	<u>0</u>	<u>0</u>
2. Repeat Samples following Samples that are Total Coliform Positive and Fecal/E.coli <i>Negative</i> (see notes 5 and 6)		<u>0</u>	<u>0</u>	<input type="text"/>
3. Repeat Samples following Routine Samples that are Total Coliform <i>Positive</i> and Fecal/E.coli Positive (see notes 5 and 6)		<u>0</u>	<input type="text"/>	<input type="text"/>
4. MCL Computation for Total Coliform Positive Samples				
a. Totals (sum of columns)		<u>50</u>	<u>0</u>	
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] =	<u>0</u>	%		
c. Is system in compliance. ...with fecal/E. coli MCL? (see notes 2 and 3)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
...with monthly MCL? (see note 4)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
5. Source Samples Triggered by Routine Samples that are Total Coliform Positive (This applies only to systems subject to the Groundwater Rule - see notes 7 and 8)		<u>0</u>	<u>0</u>	<input type="text"/>
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: center; font-size: 1.2em;">11/5/19</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 fecal/*E. coli* positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Department** (22, CCR, Section 64426.1).
3. Note: For repeat sample following a fecal/*E. coli* positive sample, any total coliform positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Department** (22, CCR, Section 64426.1).
4. Total coliform MCL (**Notify Department within 24 hours of MCL violation**):
 - a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the MCL is violated.
 - b. For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the MCL is violated.
5. Positive results and their associated repeat samples are to be tracked on the Coliform Monitoring Worksheet.
6. 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.
7. For systems subject to the Groundwater Rule: Positive results and the associated triggered source samples are to be tracked on the Coliform Monitoring Worksheet.
8. For triggered sample(s) required as a result of a total coliform routine positive sample, an *E. coli*, enterococci, or coliphage positive triggered sample (boxed entry) **requires immediate notification to the Department, Tier 1 public notification, and corrective action.**



November 5, 2019

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 October 2019.

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 top.

STEVE SHAW
WATER TREATMENT SUPERVISOR

Elk Grove Water District

Hampton GWTP Monthly Report

Month: October

3410008-013

PWS Number

Hampton Water Treatment Plant

Date	Hour Meter	Run Hours	Production Meter	Well Production	Backwash Meter	541975	Weekly In-House Monitoring (mg/L) R (Raw) T (Treated)As (ug/L)							Weekly Average	
last day	12483		752988413		14261502		Date	Fe, R	Fe, T	Mn, R	Mn, T	As, R	As, T	Inf. pH	Eff. pH
1	12509	25.9	754494538	1506125	14297176	541975	10/2/2019	0	0.216	0.102	0.001	13	2	7.0	7.2
2	12531	22.2	755786561	1292023	14322157	541975	10/8/2019	0	0	0.118	0.013	10	2	7.0	7.2
3	12555	23.9	757174153	1387592	14350728	541975	10/15/2019	0	0.025	0.115	0.004	13	2	7.0	7.2
4	12579	23.9	758563749	1389596	14382872	541975	10/21/2019	0	0.015	0.119	0.016	13	2	7.0	7.2
5	12603	24.1	759967149	1403400	14414989	541975	10/28/2019	0.008	0.019	0.116	0	13	2	7.0	7.2
6	12627	24	761357101	1389952	14447112	541975								7.0	7.2
7	12651	24.1	762756916	1399815	14479197	541975								7.0	7.2
8	12660	8.2	763227626	470710	14489906	541975								7.0	7.3
9	12684	23.9	764620563	1392937	14521842	541975								7.0	7.3
10	12707	23.6	765993459	1372896	14553721	541975								7.0	7.2
11	12731	23.7	767373246	1379787	14585561	541975								7.0	7.2
12	12755	24.3	768785938	1412692	14617475	541975								7.0	7.2
13	12779	23.7	770156310	1370372	14649398	541975								7.0	7.2
14	12803	24.5	771577851	1421541	14681297	541975								7.0	7.2
15	12827	24	772975477	1397626	14713157	541975								7.0	7.2
16	12848	20.5	774163535	1188058	14734374	541975								7.0	7.2
17	12871	23.3	775504343	1340808	14776971	541975								7.0	7.2
18	12897	25.5	776975155	1470812	14808873	541975								7.0	7.2
19	12921	24	778361089	1385934	14840705	541975								7.0	7.2
20	12944	23.7	779733396	1372307	14872588	541975								7.0	7.2
21	12969	24.3	781148189	1414793	14904485	541975								7.0	7.2
22	12991	22.7	782455538	1307349	14936261	541975								7.0	7.2
23	13016	24.2	783852695	1397157	14967383	541975								7.0	7.2
24	13041	25.1	785295719	1443024	15000028	541975								7.0	7.2
25	13064	23.4	786642076	1346357	15028430	541975								7.0	7.2
26	13088	24.4	788054023	1411947	15060369	541975								7.0	7.2
27	13111	23	789387384	1333361	15085225	541975								7.0	7.2
28	13136	24.1	790790723	1403339	15117199	541975								7.0	7.2
29	13159	23.7	792163437	1372714	15149145	541975								7.0	7.2
30	13183	24.2	793562957	1399520	15181081	541975								7.0	7.2
31	13190	6.5	793933951	370994	15191729	541975								7.0	7.2
Total		706.6		40,945,538	930,227	0									

Total Gallons Sodium Hypochlorite: 535.01 Gal

Pounds per day 21.57 Lbs/Day

Dosage (Milligrams Per Liter @ 12.5% Cl) 1.8 mg/L

Total Gallons Ferric Chloride: 260.93 Gal

Dosage (Milligrams Per Liter @ 38% FeCl) .65mg/L

Total Gallons Sodium Hydroxide: 370.97 Gal

Dosage (Gallons Per Hour @ 30% NaOH) 0.48 Gal/Hr

Total Gallons Sulfuric Acid : 249.12 Gal

Dose (Gallons Per Hour @ 93% H2SO4) 0.33 Gal/Hr

Total Backwashed 930,227 Gal

Total Water Pumped 40,945,538 Gal

Total Reclaim 0 Gal

Total Water Treated 40,945,538 Gal

Reporting Limits/Units Maximum Contaminant Levels (MCLs)

Iron (Fe) = 0.100 mg/L Iron (Fe) = 0.300 mg/L (Secondary)

Manganese = 0.010 mg/L Manganese (Mn) = 0.050 mg/L (Secondary)

Arsenic = 1.0 µg/L Arsenic (As) = 10 µg/L (Primary)

Prepared By: Steve Shaw

Date: 11/5/2019



November 5, 2019

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 October 2019.

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

STEVE SHAW
WATER TREATMENT SUPERVISOR

ELK GROVE WATER DISTRICT AREA 2

DISTRIBUTION SYSTEM

MONTHLY FLUORIDATION MONITORING REPORT

October-19

Monitoring Results (mg/L)

Week	Location of Sample	Date	Time	Results
1	Hollow Springs	10/1/2019	10:40 AM	0.69
1	Al Gates Park	10/1/2019	11:12 AM	0.41
1	Oreo Ranch	10/1/2019	11:38 AM	0.63
1	Blackman	10/1/2019	12:44 PM	0.60
2	Hollow Springs	10/8/2019	10:11 AM	0.87
2	Al Gates Park	10/8/2019	10:31 AM	0.75
2	Oreo Ranch	10/8/2019	10:44 AM	0.68
2	Blackman	10/8/2019	11:52 AM	0.77
3	Hollow Springs	10/15/2019	10:15 AM	0.39
3	Al Gates Park	10/15/2019	10:38 AM	0.47
3	Oreo Ranch	10/15/2019	10:54 AM	0.62
3	Blackman	10/15/2019	11:58 AM	0.54
4	Hollow Springs	10/22/2019	9:49 AM	0.6
4	Al Gates Park	10/22/2019	10:25 AM	0.87
4	Oreo Ranch	10/22/2019	10:39 AM	0.88
4	Blackman	10/22/2019	12:50 PM	0.67
5	Hollow Springs	10/29/2019	9:40 AM	0.58
5	Al Gates Park	10/29/2019	9:56 AM	0.65
5	Oreo Ranch	10/29/2019	10:12 AM	0.73
5	Blackman	10/29/2019	11:21 AM	0.66

Monthly fluoride split sample results:

Date: 10/1/2019

Water System Results: 0.69 mg/L

Approved Lab: 0.71 mg/L

Contact Name: Steve Shaw

Telephone : (916) 585-9386

System PWS Number: 3410008



November 5, 2019

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 report from Elk Grove Water District for 3rd Quarterly 2019.

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 over a horizontal line.

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 July to September / 3rd Quarter

Year 2019

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	7/9/2019 8:45	A	A
Well # 4D Webb St.	ON	7/2/2019 8:15	A	A
Well # 11D Dino Dr.	ON	7/2/2019 9:32	A	A
Well 14D Railroad St.	ON	7/9/2019 8:25	A	A
Well # 3 Mar-Val	OFF			
Well # 8 Williamson	ON	7/2/2019 8:33	A	A
Well # 9 Polhemus	ON	7/9/2019 8:56	A	A
Well # 13 Hampton	ON	7/9/2019 11:02	A	A



November 5, 2019

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 3rd Quarter 2019.

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 Report for Disinfectant Residuals Compliance For Systems Using Chlorine or Chloramines

System Name: Elk Grove Water District Area 1

System No.: 3410008

Calendar Year: 2019

Quarter: 3rd

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	30	0.94
			February	24	1.01
			March	24	1.03
Running Annual Average (RAA):			0.98		
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		0.94	
			February		1.01	
			March		1.03	
			April		30	1.00
			May		24	1.02
			June		24	0.99
Running Annual Average (RAA):			0.98			
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			0.94	
	February			1.01	
	March			1.03	
	April			1.00	
	May			1.02	
	June			0.99	
	July			30	0.99
	August			24	0.95
	September			24	0.89
Running Annual Average (RAA):			0.97		
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		0.94	
	February		1.01	
	March		1.03	
	April		1.00	
	May		1.02	
	June		0.99	
	July		0.99	
	August		0.95	
	September		0.89	
	October		30	0.89
	November		24	0.77
	December		24	0.73
Running Annual Average (RAA):			0.93	
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: _____

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: 2019

Quarter: 3rd

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	20
		February	16
		March	16
Running Annual Average (RAA):		1.11	
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	1.16
		February	1.20
		March	1.28
		April	20
		May	16
		June	16
Running Annual Average (RAA):		1.14	
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	1.16
	February	1.20
	March	1.28
	April	1.30
	May	1.34
	June	1.37
	July	20
	August	16
	September	16
	Running Annual Average (RAA):	
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	1.16
	February	1.20
	March	1.28
	April	1.30
	May	1.34
	June	1.37
	July	1.38
	August	1.40
	September	1.43
	October	20
	November	16
	December	16
Running Annual Average (RAA):		1.28
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:  _____



November 5, 2019

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 3rd quarter 2019.

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

System Name: Elk Grove Water District System No.: 3410008 Year: 2019 Quarter: 3rd

Sample Date (month/date):	2015				2016				2017				2018				2019			
	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.
Quarter: 1/6																				
Site Q1 HAA5 Results	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lcn. Running Annual Average	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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																			
Op Evaluation Rel _{DP} 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	0	0	0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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																			
Op Evaluation Rel _{DP} 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 Q3 HAA5 Results	0	0	0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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																			
Op Evaluation Rel _{DP} 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	0	0	0
Lcn. Running Annual Average	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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																			
Op Evaluation Rel _{DP} 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. Samples This Quarter	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Identify the sample locations in the table below.

Site	Sample Location
Q1	9436 Hollow Springs Wy.
Q2	9425 Emerald Vista (Discontinued 4th qtr 2017 per revised SAP)
Q3	8693 W. Camden
Q4	9230 Amsden Ct. (Beginning 4th qtr 2017 per revised SAP)

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

Date
 November 5, 2019

*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: **2019** Quarter: **3rd**

Year:	2015				2016				2017				2018				2019				
	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):	1/6	4/8	7/14	10/13	1/12	4/5	7/5	10/4	1/17	4/18	7/3	10/3	1/10	4/10	7/3	10/9	1/15	4/9	7/16		
Site Q1 TTHM Results	23	0	0	1	1	5	0	0	1	37	0	0	0	1	3	0	45	38	0		
Len. Running Annual Average	6.0	6.0	6.0	6.0	1.8	1.8	1.5	1.5	1.4	9.4	9.4	9.4	5.4	5.2	5.2	1.1	10.8	10.9	10.9	27.7	
Meets Standard ¹	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(check box)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	6	1	3	2	1	1	0	19	9	9	0	2	1	1	23	30	21	10	
Op Evaluation Req'd ²	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(check box)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Site Q2 TTHM Results	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0.5	0.0	#DIV/0!		
Len. Running Annual Average	0.0	0.0	0.0	0.0	0.3	0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.2	0.3	N/A	0.5	0.0	#DIV/0!		
Meets Standard ¹	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(check box)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Op Evaluation Req'd ²	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(check box)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Site Q3 TTHM Results	0	1	0	0	1	0	2	1	1	1	1	1	1	2	0	0	2	1	0		
Len. Running Annual Average	0.3	0.3	0.3	0.3	0.5	0.3	0.8	1.0	1.0	1.3	1.0	0.9	1.0	1.0	1.0	0.8	0.8	0.7	0.6	0.9	
Meets Standard ¹	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(check box)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Projected LRAA Next Quarter	N/A	N/A	0	0	1	0	1	1	1	1	1	1	2	1	0	0	2	1	1	0	
Op Evaluation Req'd ²	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(check box)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Site Q4 TTHM Results	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	1	1	0	3	1	0		
Len. 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	1.1	1.1	0.9	1.0	1.0	0.9	1.3	
Meets Standard ¹	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(check box)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Projected LRAA Next Quarter	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	1	1	0	
Op Evaluation Req'd ²	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(check box)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quarterly Average	8	0	0	0	1	2	1	0	1	13	0	1	1	2	0	0	17	13	0	#DIV/0!	
No. Samples This Quarter	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0

Identify the sample locations in the table below.

Site	Sample Location
Q1	9436 Hollow Springs
Q2	9425 Emerald Vista (Discontinued 4th qtr per revised SAP)
Q3	8693 W. Camden
Q4	9230 Amsden Ct (Beginning 4th qtr 2017 per revised SAP)

Comments:

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:  Date: November 5, 2019

*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.	2019	
Well 14D Railroad	Initials	WQ	WQ	WQ	WQ	WQ/MW	AH	AH/BW	AH	BW			Sect: 7.1	Sect: 7.2	AH	Sect: 7.3		
	Date	1/8/19	2/11/19	3/1/19	4/4/19	5/13/19	6/4/19	7/15/19	8/28/19	9/9/19	10/21/19						5/22/19	
	W.O.#	16871	16988	17101	17254	17313	17451	17606	17742	17802	17942						17387	
Well 4D Webb	Initials	WQ	WQ	WQ	WQ	WQ/MW	AH	AH/BW	AH	AH			Sect: 8.1	Sect: 8.2	AH	Sect: 8.3		
	Date	1/15/19	2/1/19	3/6/19	4/2/19	5/7/19	6/3/19	7/11/19	8/28/19	9/9/19	10/22/19						5/22/19	
	W.O.#	16873	16989	17102	17255	17314	17452	17607	17743	17803	17943						17388	
Well 11D Pino	Initials	WQ	WQ	WQ	WQ	WQ/MW	AH	AH	AH	AH			Sect: 9.1	Sect: 9.2	AH	Sect: 9.3		
	Date	1/8/19	2/7/19	3/11/19	4/3/19	5/10/19	6/5/19	7/15/19	8/27/19	9/11/19	10/9/19						5/22/19	
	W.O.#	16874	16990	17103	17256	17315	17453	17608	17744	17804	17944						17389	
Well 1D School	Initials	WQ	WQ	WQ	WQ	WQ/MW	AH	AH/BW	AH	AH			Sect: 13.1	Sect: 13.2	AH	Sect: 13.3		
	Date	1/15/19	2/15/19	3/6/19	4/1/19	5/13/19	6/10/19	7/3/19	8/28/19	9/11/19	10/7/19						5/22/19	
	W.O.#	16875	16991	17104	17257	17316	17454	17609	17745	17805	17945						17390	
Well 3 Mar-Val	Initials	WQ	WQ	AH	AH	AH	AH	AH	AH	AH			Sect: 12.1	Sect: 12.2	AH	Sect: 12.4		
	Date	1/14/19	2/5/19				6/26/19											
	W.O.#	16876	16992	17105	17258	17317	17455	17610	17746	17806	17946						17391	
Well 8 Williamson	Initials	AH	WQ	AH	AH	AH	AH/BW	AH	BW	AH			Sect: 11.1	Sect: 11.4		Sect: 11.4		
	Date	1/7/19	2/15/19	3/18/19	4/3/19	5/16/19	6/24/19	7/29/19	8/27/19	9/12/19	10/8/19							
	W.O.#	16877	16993	17106	17259	17318	17456	17611	17747	17807	17947							
Well 9 Polhemus	Initials	WQ	WQ	WQ	WQ	AH	AH/BW	AH/BW	BW	AH			Sect: TBD	Sect: TBD		Sect: TBD		
	Date	1/10/19	2/13/19	3/5/19	4/2/19	5/14/19	6/24/19	7/29/19	8/28/19	9/12/19	10/9/19							
	W.O.#	16878	16994	17107	17260	17319	17457	17612	17748	17808	17948							
Well 13 Hampton	Initials	AH	WQ	WQ	AH	AH	AH/BW	AH/BW	AH	AH			Sect: TBD	Sect: TBD	AH	Sect: TBD		
	Date	1/9/19	2/19/19	3/5/19	4/4/19	5/20/19	6/25/19	7/29/19	8/27/19	9/9/19	10/8/19						5/22/19	
	W.O.#	16879	16995	17108	17261	17320	17458	17613	17749	17809	17949						17392	

=Well Offline

Year: 2019

Elk Grove Water District

Preventative Maintenance Program

Rairoad 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	6 th	6 th	Refer.	2019
Initials	Section:	WQ	WQ	WQ	WQ	WQ	WQ/MW	AH/BW	AH	AH	AH	AH	AH	Section:	AH/WQ	WQ/MW	AH		Section:	AH/WQ	6 th	2ND	Section:	2019
Date	4.2	1/17/19	2/4/19	3/1/19	4/1/19	5/16/19	6/6/19	7/30/19	8/29/19	9/12/19	10/21/19			4.3	3/13/19	6/11/19	9/18/19		5.2	4/11/19	MO.	MO.	4.4	7/10/19
W.O. #	16880	17000	17109	17241	17325	17447	17595	17738	17795	17931				17113	17394	17999		17113	17246	17393	17993	16895		
Cor-Tec System	Section: 4.2	16880	17000	17109	17241	17325	17447	17595	17738	17795	17931			Section: 4.3	17113	17394	17999		Section: 5.2	17246			Section: 4.4	16895
Filter System	Section: 5.1	16881	17001	17110	17242	17326	17448	17596	17739	17796	17932			Section: 5.1	17110	17242	17326	17448	Section: 5.2	17246			Section: 5.3	
Backwash System	Section: 2.1	16882	17002	17111	17243	17327	17449	17597	17740	17797	17933			Section: 2.1	16882	17002	17111	17243	Section: 2.1	17247			Section: 2.3	
Booster Pumps	Section: 3.1	16883	17003	17112	17244	17328	17450	17598	17741	17798	17934			Section: 3.1	16883	17003	17112	17244	Section: 3.1	17393			Section: 3.2	
LAB														Section: 1.1	17114	17398	17801		Section: 1.2				Section: 1.2	
Clear Wells														Section: 1.1	17114	17398	17801		Section: 2.4				Section: 2.4	
MCC														Section: 1.2					Section: 1.2				Section: 1.2	

Year: 2019

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	1st	2nd	3rd	4th	Refer.	1ST 6-MO	2ND 6-MO	Refer.	2019	
Chemical Systems	Section: TBD	16884 AH 1/9/19	16985 AH 2/15/19	17091 AH 3/13/19	17248 AH 4/4/19	17329 AH 5/20/19	17441 AH 6/19/19	17603 AH 7/19/19	17735 AH/BW 8/27/19	17791 AH 9/12/19	17935 AH 10/8/19			TBD Section: TBD	17119 AH 3/13/19	17444 AH 6/12/19	17794 AH 9/12/19				TBD Section: TBD		
Filter System	Section: TBD	16885 AH 1/9/19	16986 AH 2/15/19	17092 AH 3/13/19	17249 AH 4/4/19	17330 WQ 5/20/19	17442 AH 6/19/19	17604 AH/BW 7/29/19	17736 AH/BW 8/27/19	17792 AH 9/12/19	17936 AH 10/8/19			TBD Section: TBD	17253 AH 4/11/19						TBD Section: TBD		
Backwash System	Section: TBD	16886 AH 1/9/19	16987 AH 2/15/19	17093 AH 3/13/19	17250 AH 4/4/19	17331 AH 5/20/19	17443 AH 6/19/19	17605 AH/BW 7/29/19	17737 AH/BW 8/27/19	17793 AH 9/12/19	17937 AH 10/8/19			TBD Section: TBD	17446 AH 4/11/19						TBD Section: TBD	17252 AH/WQ 5/24/19	
LAB														TBD Section: TBD	17118 AH 3/13/19	17445 AH 6/10/19	17800 AH 9/16/19				TBD Section: TBD		
MCC														TBD Section: TBD	17118 AH 3/13/19	17445 AH 6/10/19	17800 AH 9/16/19				TBD Section: TBD		

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.	2019
Railroad	Initials	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ	Section:	TBD
	Date	1/16/19	2/6/19	3/26/19	4/4/19	5/16/19	6/12/19	7/15/19	8/28/19	9/12/19	10/17/19				
	W.O. #	16887	16996	17094	17262	17321	17437	17599	17731	17810	17938				
Webb	Initials	WQ	WQ	WQ	WQ	WQ	MW	AH/BW	AH/BW	AH	AH	AH	AH	Section:	TBD
	Date	1/15/19	2/28/19	3/18/19	4/2/19	5/7/19	6/20/19	7/25/19	8/28/19	9/12/19	10/22/19				
	W.O. #	16888	16997	17098	17263	17322	17438	17600	17732	17811	17939				
Dino	Initials	WQ	WQ	WQ	WQ	WQ	MW	AH	AH	AH	AH	AH	AH	Section:	TBD
	Date	1/8/19	2/7/19	3/11/19	4/3/19	5/10/19	6/20/19	7/8/19	8/27/19	9/12/19	10/23/19				
	W.O. #	16889	16998	17099	17264	17323	17439	17601	17733	17812	17940				
Admin.	Initials	AH	WQ	AH	AH	AH	AH/MW	AH	AH	AH	AH	AH	AH	Section:	TBD
	Date	1/20/19	2/28/19	3/18/19	4/7/19	5/16/19	6/19/19	7/21/19	8/29/19	9/12/19	10/27/19				
	W.O. #	16890	16999	17100	17265	17324	17440	17602	17734	17813	17941				
		= Load Test													

Elk Grove Water District
Backflow Prevention Program 2019

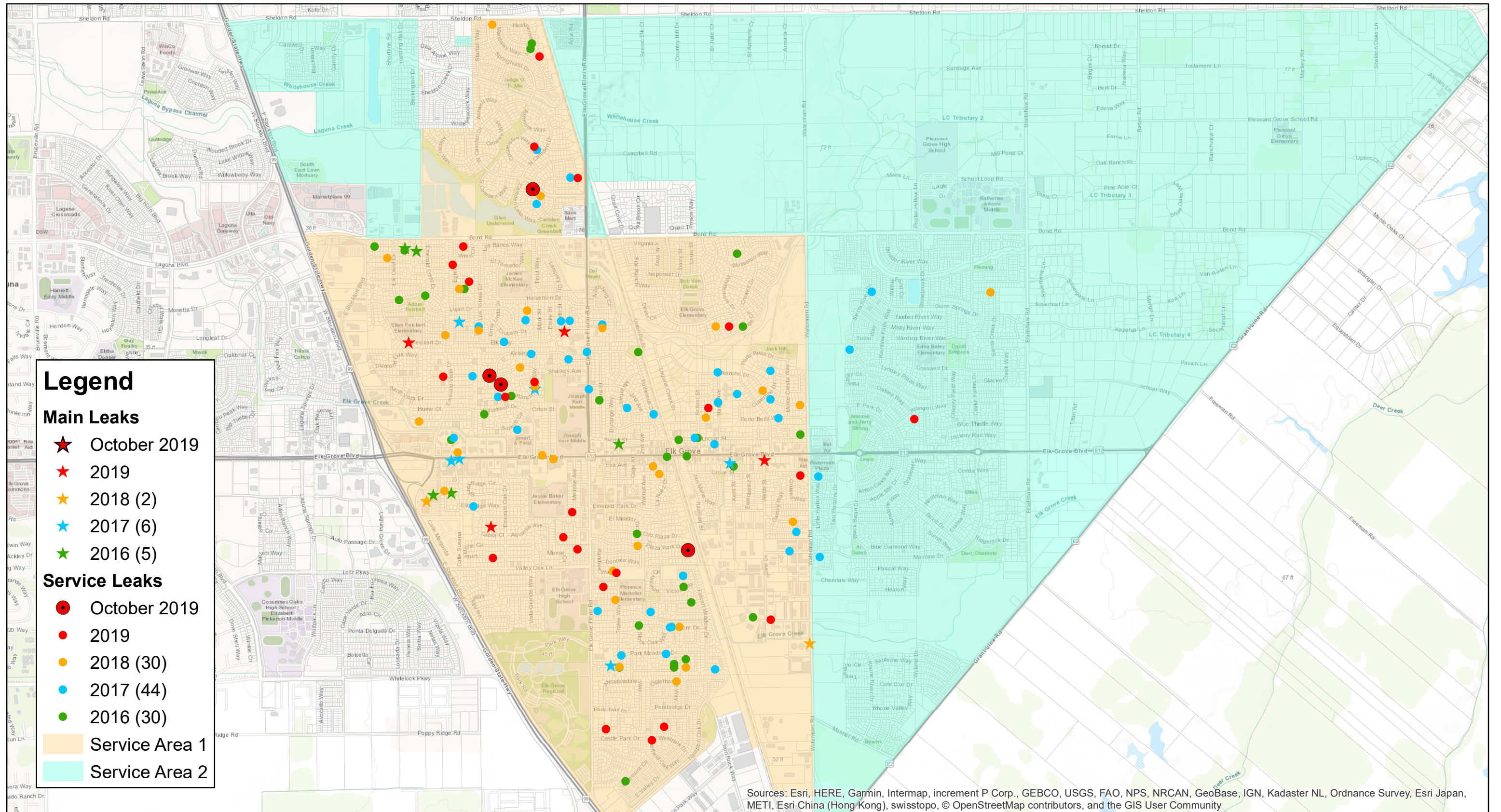
Backflow Device Reports	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
CURRENT												
Notices Issued	48	40	78	15	63	73	153	94	76	52		
Assemblies Tested	41	15	38	14	57	16	110	79	54	25		
Passed Initial Test	41	11	30	14	54	16	99	78	52	21		
Failed Initial Test	0	4	8	0	3	0	11	1	2	4		
Failed Devices Retested----Passed		4	8		3	0	9	1	2	3		
Investigations or Address Change	0	0	13	0	0	1			1			
Inactivated Devices	2	0	0	0	0	0						
Schedule Code Changed	0	0	0	0	0	0	1					
Devices Turned Off	0	0	0	0	0	0						
2nd Notices Issued	5	25	26	1	6	57	43	15	21	27		

Monthly Outstanding Delinquents	0	0	0	0	0	0	0	0	1	0	28	0
---------------------------------	---	---	---	---	---	---	---	---	---	---	----	---

Total Outstanding Delinquents	29
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Elk Grove Water District
 Safety Meetings/Training
 October 2019

Date	Topic	Attendees	Hosted By
10/7/2019	Code of Safe Practices (sections 13-15)	Alan Aragon, Stefan Chanh, Aaron Hewitt, Sean Hinton, Brandon Kent, Sal Mendoza, Jose Mendoza, Chris Phillips, Steve Shaw, John Vance, Brandon Wagner, Marcell Wilson, Vue Xiong	Sarah Jones
10/10/2019	First Aid/COP/AED	Alan Aragon, Aurelia Camilo, Stefan Chanh, Travis Franklin, Aaron Hewitt, Sean Hinton, Sarah Jones, Bruce Kamilos, Amber Kavert, Brandon Kent, Patrick Lee, Mark Madison, Denise Maxwell, Sal Mendoza, Jose Mendoza, Michael Montiel, Donella Murillo, Daphne Murra-Davis, Chris Phillips, Cindy Robertson, Steve Shaw, John Vance, Brandon Wagner, Tonia Williams, Marcell Wilson	Robert Scott
10/24/2019	How To Prevent Getting The Flu	Alan Aragon, Aurelia Camilo, Stefan Chanh, Sean Hinton, James Hinegardner, Sarah Jones, Amber Kavert, Brandon Kent, Patrick Lee, Mark Madison, Denise Maxwell, Sal Mendoza, Jose Mendoza, Michael Montiel, Donella Murillo, Stefani Phillips, Cindy Robertson, Steve Shaw, John Vance, Brandon Wagner, Tonia Williams, Marcell Wilson, Vue Xiong	Sarah Jones



Legend

Main Leaks

- ★ October 2019
- ★ 2019
- ★ 2018 (2)
- ★ 2017 (6)
- ★ 2016 (5)

Service Leaks

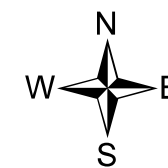
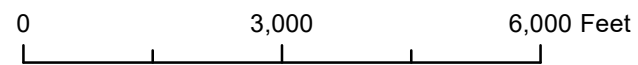
- October 2019
- 2019
- 2018 (30)
- 2017 (44)
- 2016 (30)
- Service Area 1
- Service Area 2

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

October 2019	
Main Line Leaks: 0	YTD: 4
Service Line Leaks: 4	YTD: 27
Total Leaks: 4	YTD: 31

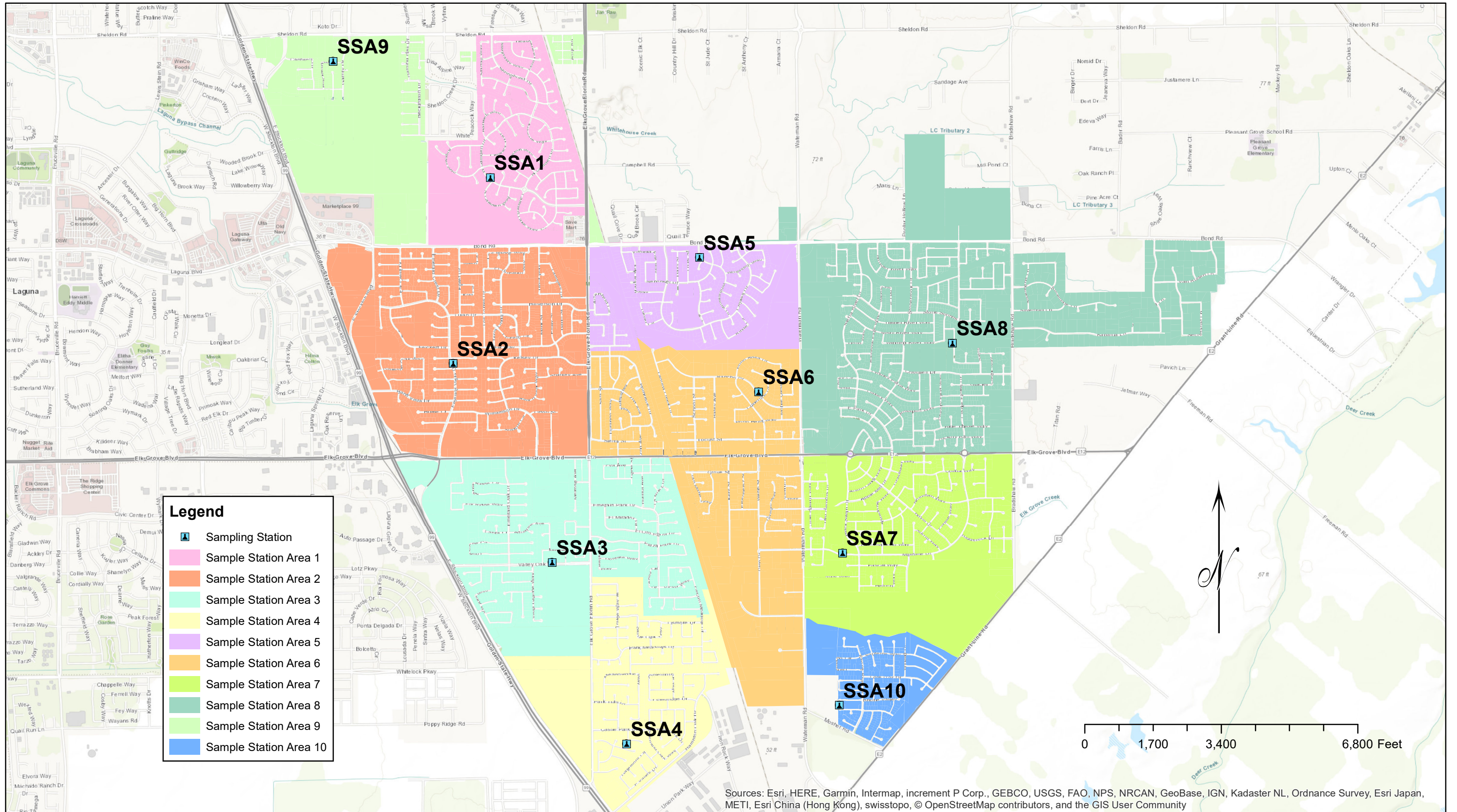


Elk Grove Water District Main and Service Line Leaks Map



Elk Grove Water District Main & Service Line Leaks

Created by: Travis Franklin
Date: November 6, 2019



Sample Stations: 10



Elk Grove Water District

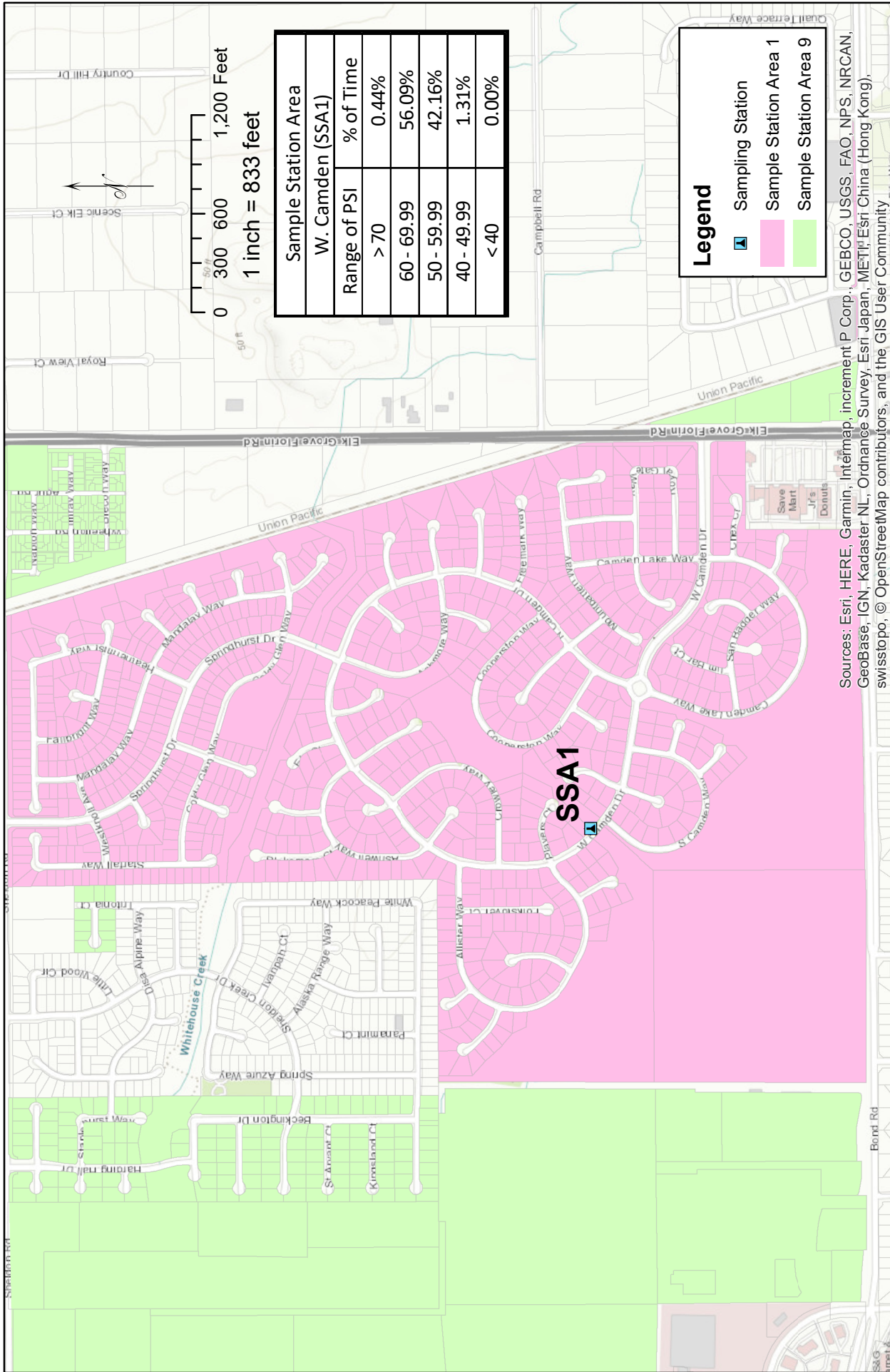
Sample Station Areas

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

Source: EGWD GIS database

Modified by: Travis Franklin

November 7, 2019



Sample Station Area	
W. Camden (SSA1)	
Range of PSI	% of Time
> 70	0.44%
60 - 69.99	56.09%
50 - 59.99	42.16%
40 - 49.99	1.31%
< 40	0.00%

Legend

- Sampling Station
- Sample Station Area 1
- Sample Station Area 9

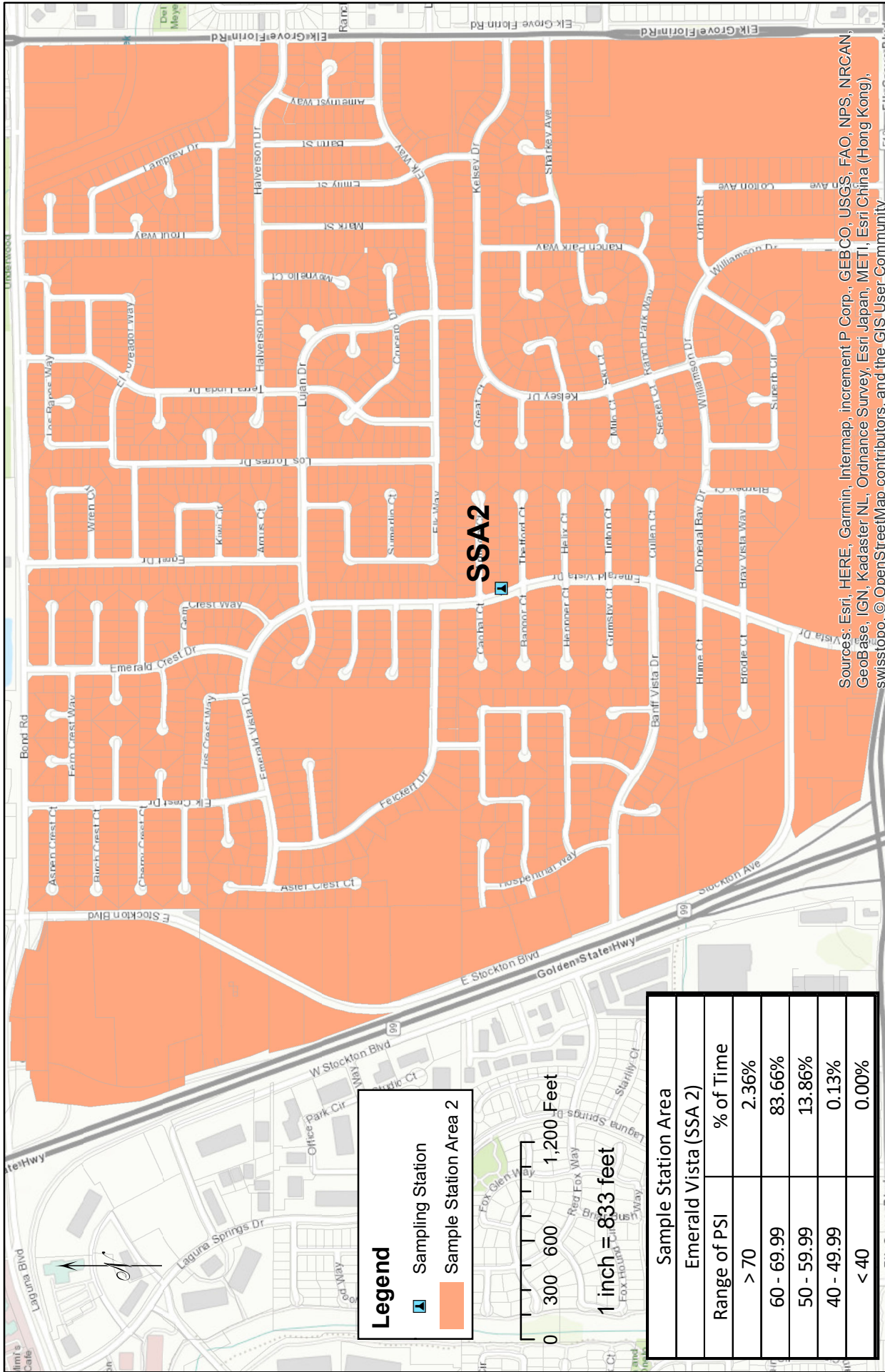
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, MEIT, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source:EGWD GIS database
 Created by: Travis Franklin
 November 7, 2019



Elk Grove Water District
 System Pressure Monitoring



Sample Station #1
 Note: Sample Station takes a reading every 5 minutes.
 October 2019



Legend

-  Sampling Station
-  Sample Station Area 2

0 300 600 1,200 Feet
 1 inch = 833 feet

Sample Station Area	% of Time
Emerald Vista (SSA 2)	2.36%
Range of PSI > 70	83.66%
60 - 69.99	13.86%
50 - 59.99	0.13%
40 - 49.99	0.00%
< 40	0.00%

Sample Station #2

Note: Sample Station takes a reading every 5 minutes.

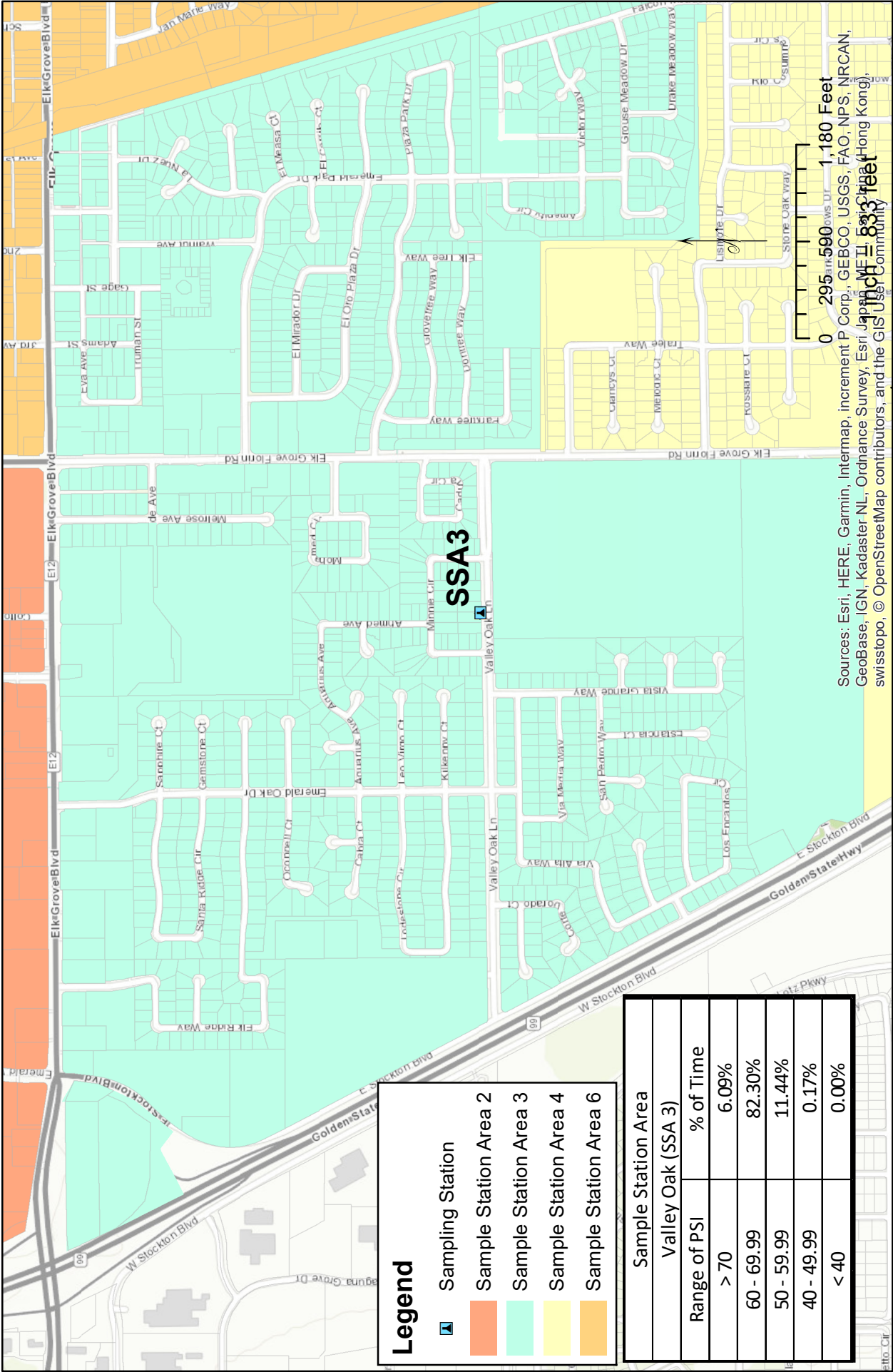
October 2019



**Elk Grove Water District
 System Pressure Monitoring**

Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 November 7, 2019

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, © OpenStreetMap contributors, and the GIS User Community



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, Swisstopo, (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

Legend

- Sampling Station
- Sample Station Area 2
- Sample Station Area 3
- Sample Station Area 4
- Sample Station Area 6

Sample Station Area	% of Time
Valley Oak (SSA 3)	
Range of PSI	
> 70	6.09%
60 - 69.99	82.30%
50 - 59.99	11.44%
40 - 49.99	0.17%
< 40	0.00%

Sample Station #3

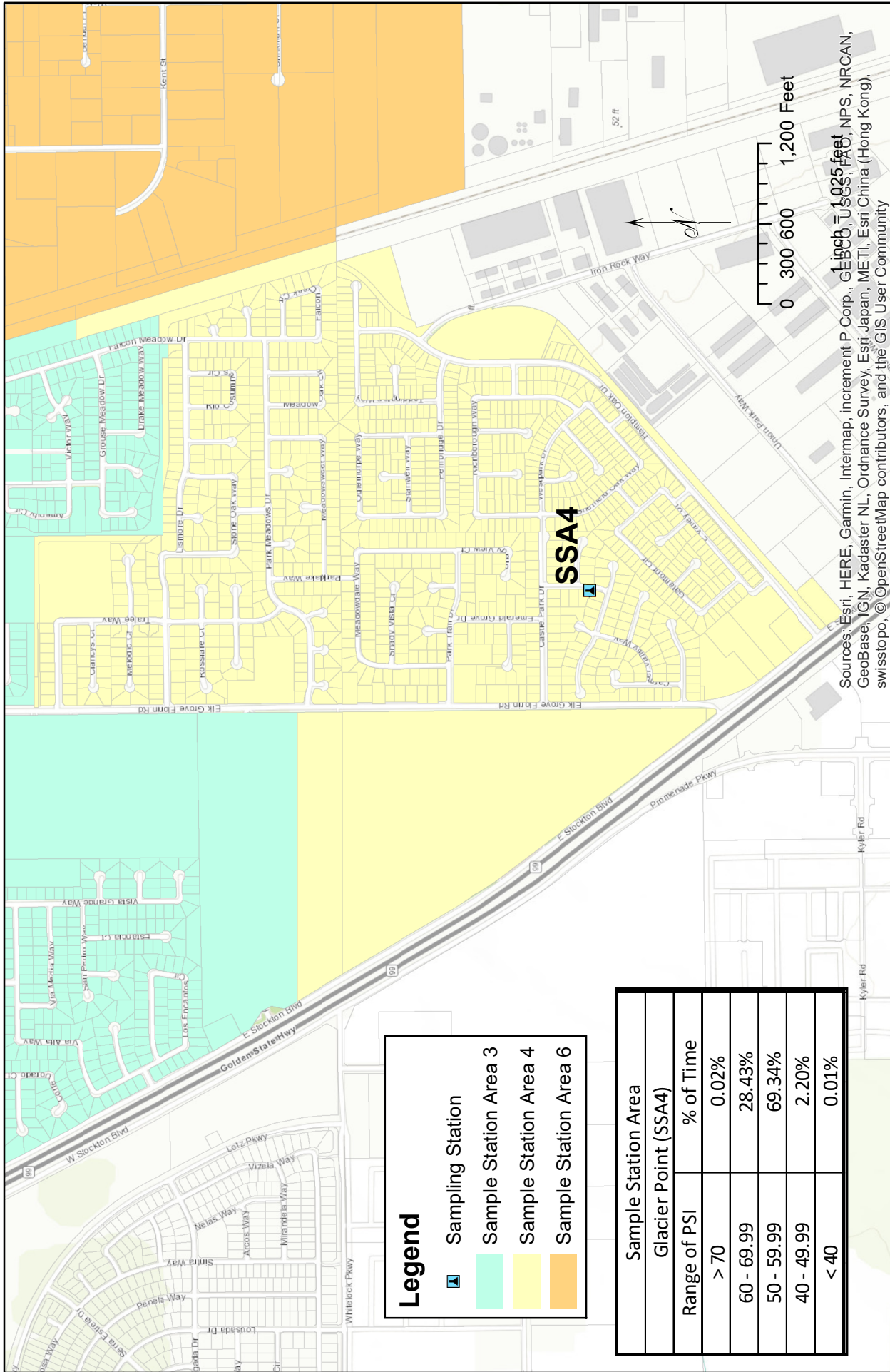
Note: Sample Station takes a reading every 5 minutes.

October 2019

Elk Grove Water District
System Pressure Monitoring



Projected Coordinate System:
NAD 83 State Plane CA II FIPS 0402
Source: EGWD GIS database
Created by: Travis Franklin
November 7, 2019



Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 November 7, 2019

Elk Grove Water District

System Pressure Monitoring



Legend

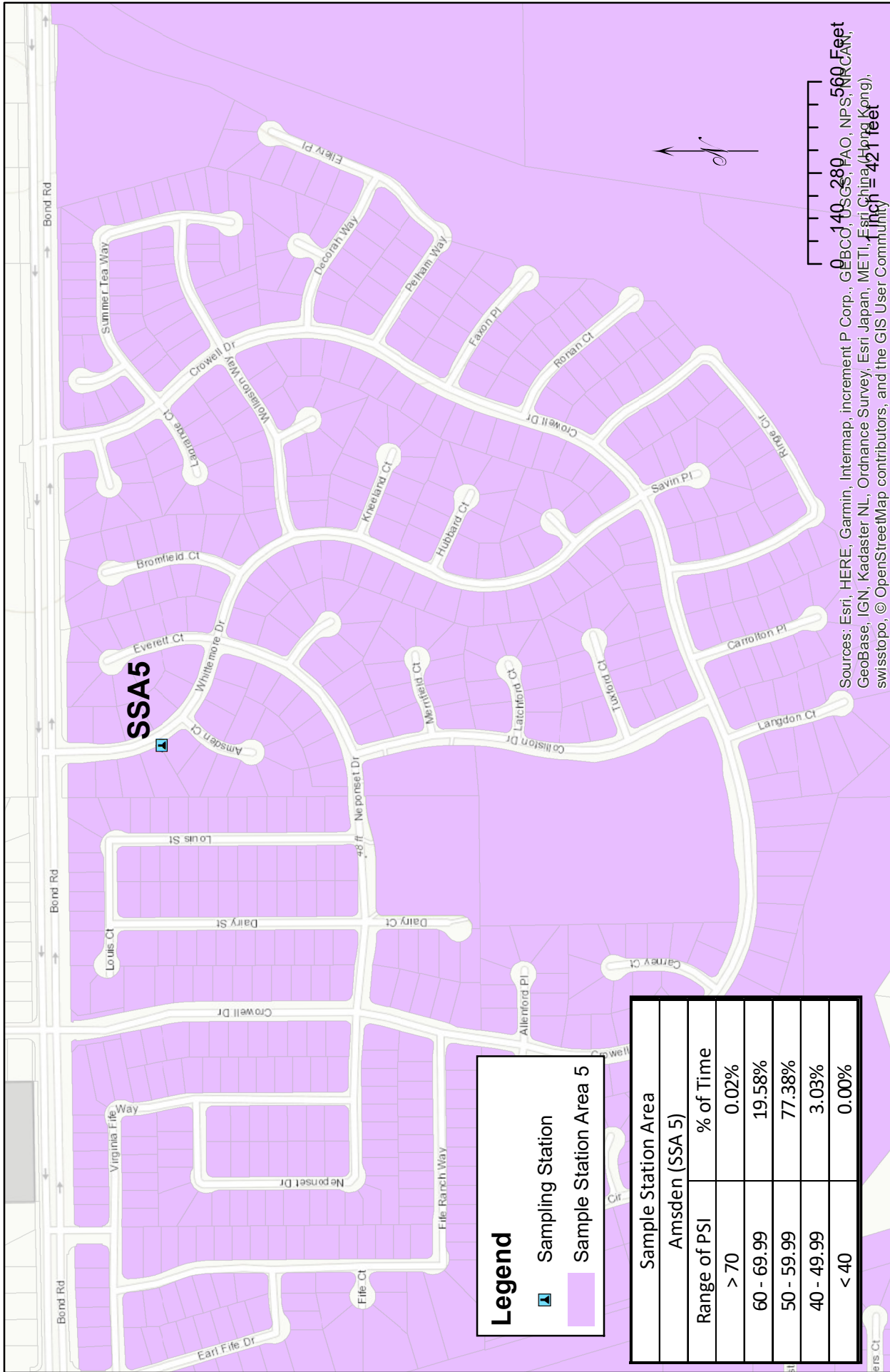
- Sampling Station
- Sample Station Area 3
- Sample Station Area 4
- Sample Station Area 6

Sample Station Area	Glacier Point (SSA4)	% of Time
Range of PSI		
> 70		0.02%
60 - 69.99		28.43%
50 - 59.99		69.34%
40 - 49.99		2.20%
< 40		0.01%

Sample Station #4

Note: Sample Station takes a reading every 5 minutes.

October 2019



SSA5

Legend

- Sampling Station
- Sample Station Area 5

Sample Station Area	Amsden (SSA 5)	Range of PSI	% of Time
		> 70	0.02%
		60 - 69.99	19.58%
		50 - 59.99	77.38%
		40 - 49.99	3.03%
		< 40	0.00%

Scale: 1" = 421 feet
 0 140 280 560 Feet

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRC, Esri, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

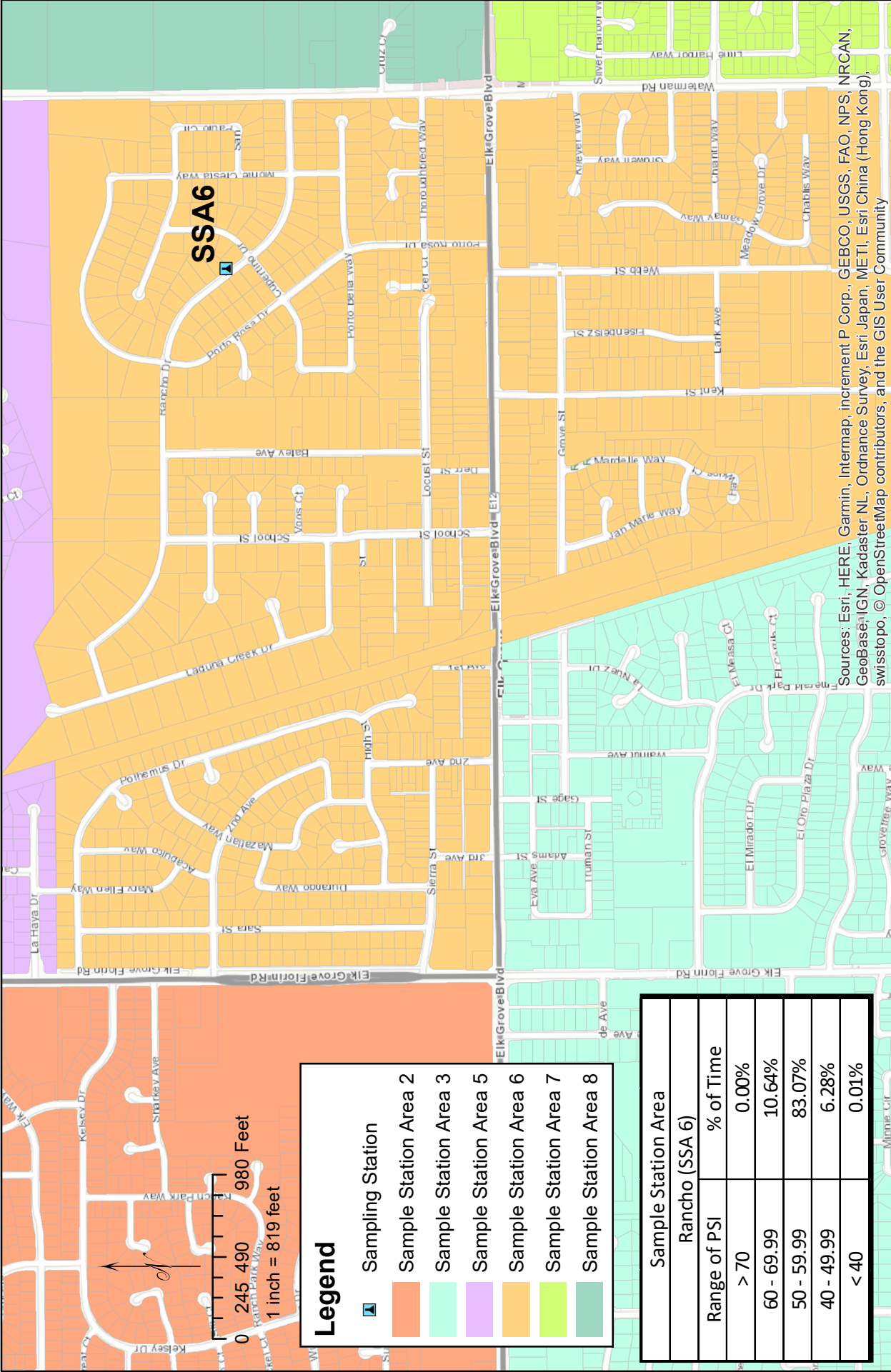


Elk Grove Water District
 System Pressure Monitoring

Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 November 7, 2019

Sample Station #5

Notes: Sample Station takes a reading every 5 minutes.
 October 2019



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

Elk Grove Water District
 System Pressure Monitoring

Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 November 7, 2019



Legend

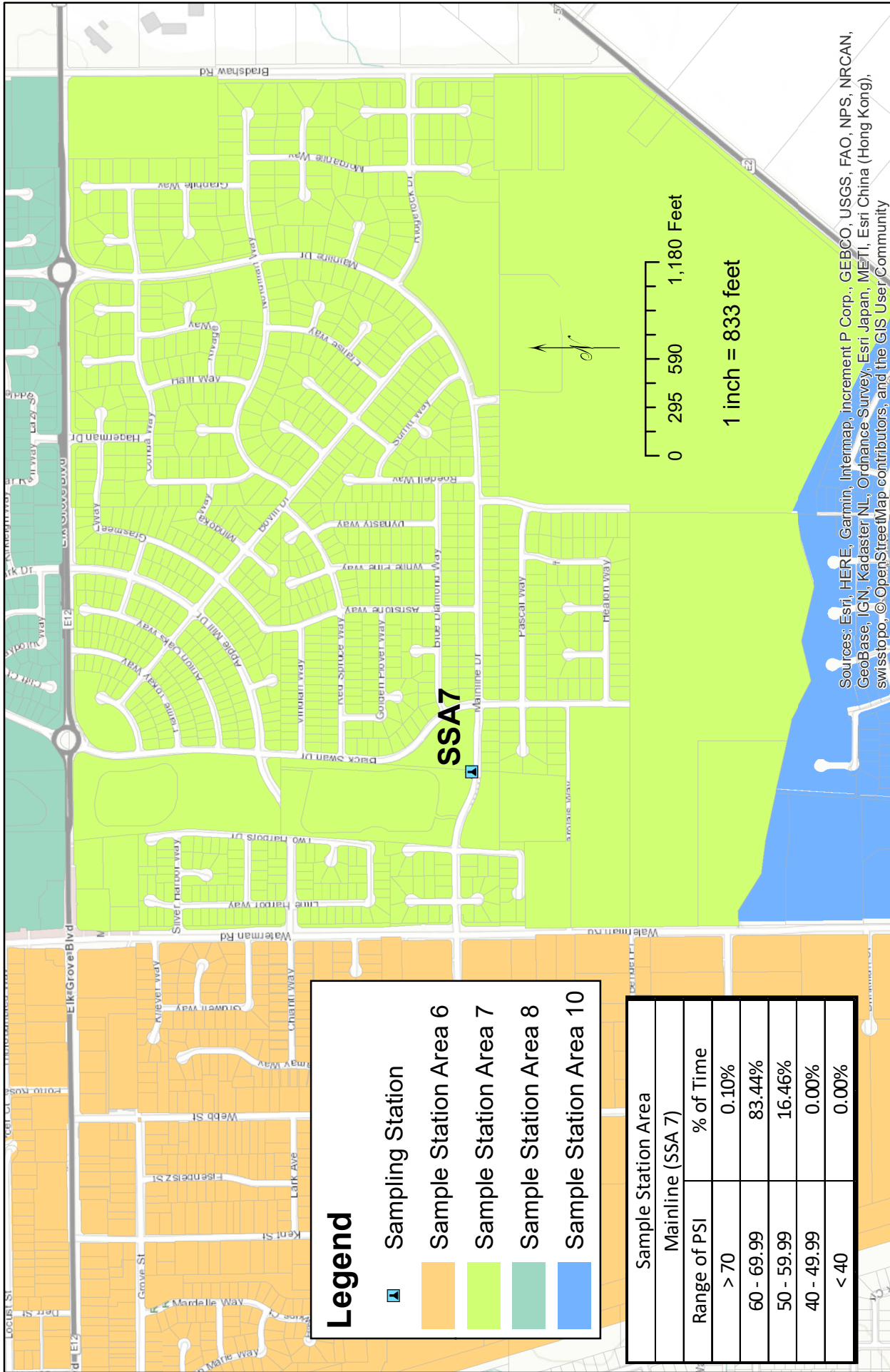
- Sampling Station
- Sample Station Area 2
- Sample Station Area 3
- Sample Station Area 5
- Sample Station Area 6
- Sample Station Area 7
- Sample Station Area 8

Sample Station Area	Range of PSI	% of Time
Rancho (SSA 6)	> 70	0.00%
	60 - 69.99	10.64%
	50 - 59.99	83.07%
	40 - 49.99	6.28%
	< 40	0.01%

Sample Station #6

Note: Sample Station takes a reading every 5 minutes.

October 2019



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, ©OpenStreetMap contributors, and the GIS User Community

Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 November 7, 2019

Elk Grove Water District

System Pressure Monitoring



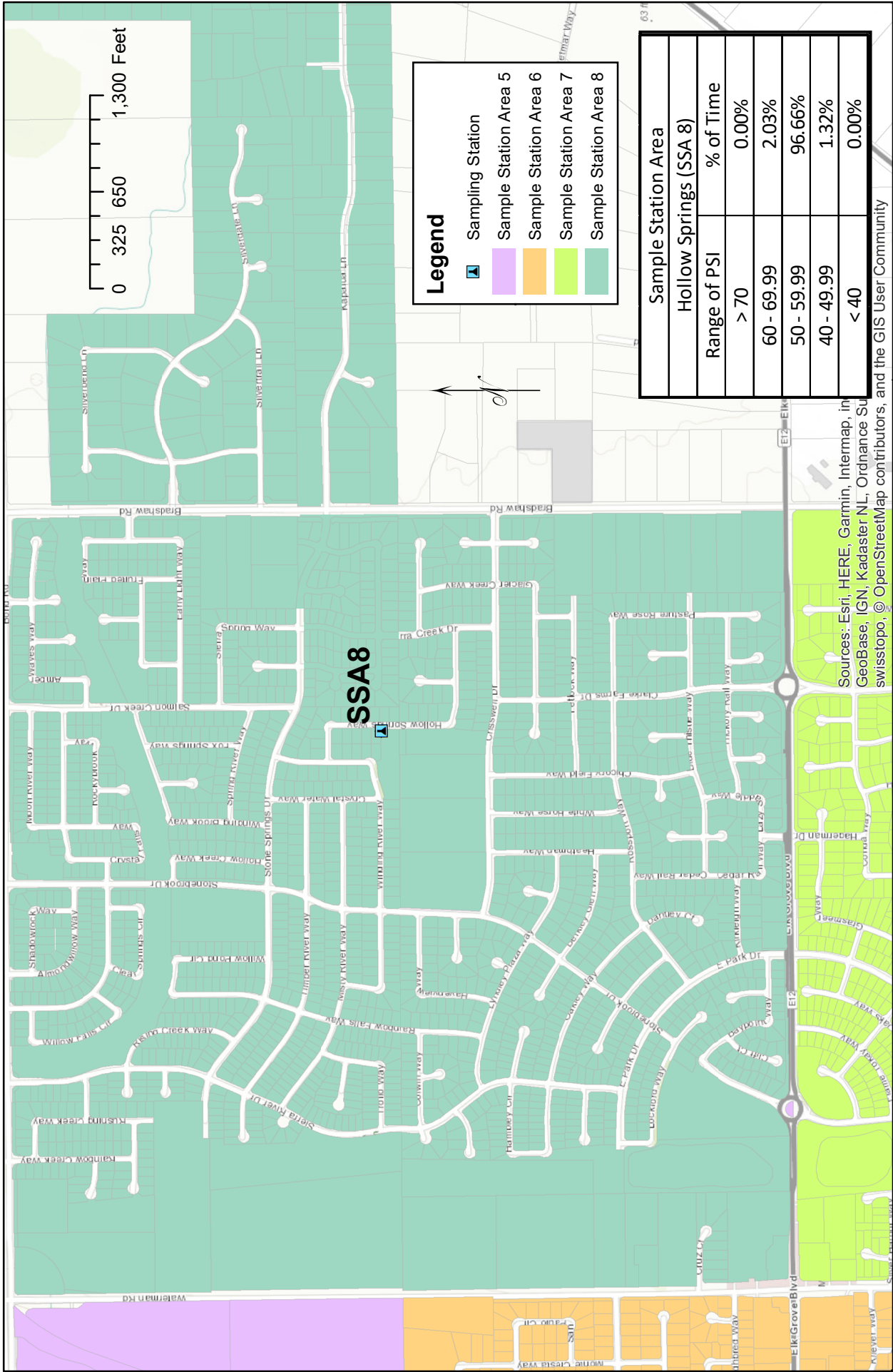
Legend	
	Sampling Station
	Sample Station Area 6
	Sample Station Area 7
	Sample Station Area 8
	Sample Station Area 10

Sample Station Area	Mainline (SSA 7)
Range of PSI	% of Time
> 70	0.10%
60 - 69.99	83.44%
50 - 59.99	16.46%
40 - 49.99	0.00%
< 40	0.00%

Sample Station #7

Note: Sample Station takes a reading every 5 minutes.

October 2019



Legend


- Sampling Station
- Sample Station Area 5
- Sample Station Area 6
- Sample Station Area 7
- Sample Station Area 8

Sample Station Area	% of Time
Hollow Springs (SSA 8)	
Range of PSI	
> 70	0.00%
60 - 69.99	2.03%
50 - 59.99	96.66%
40 - 49.99	1.32%
< 40	0.00%

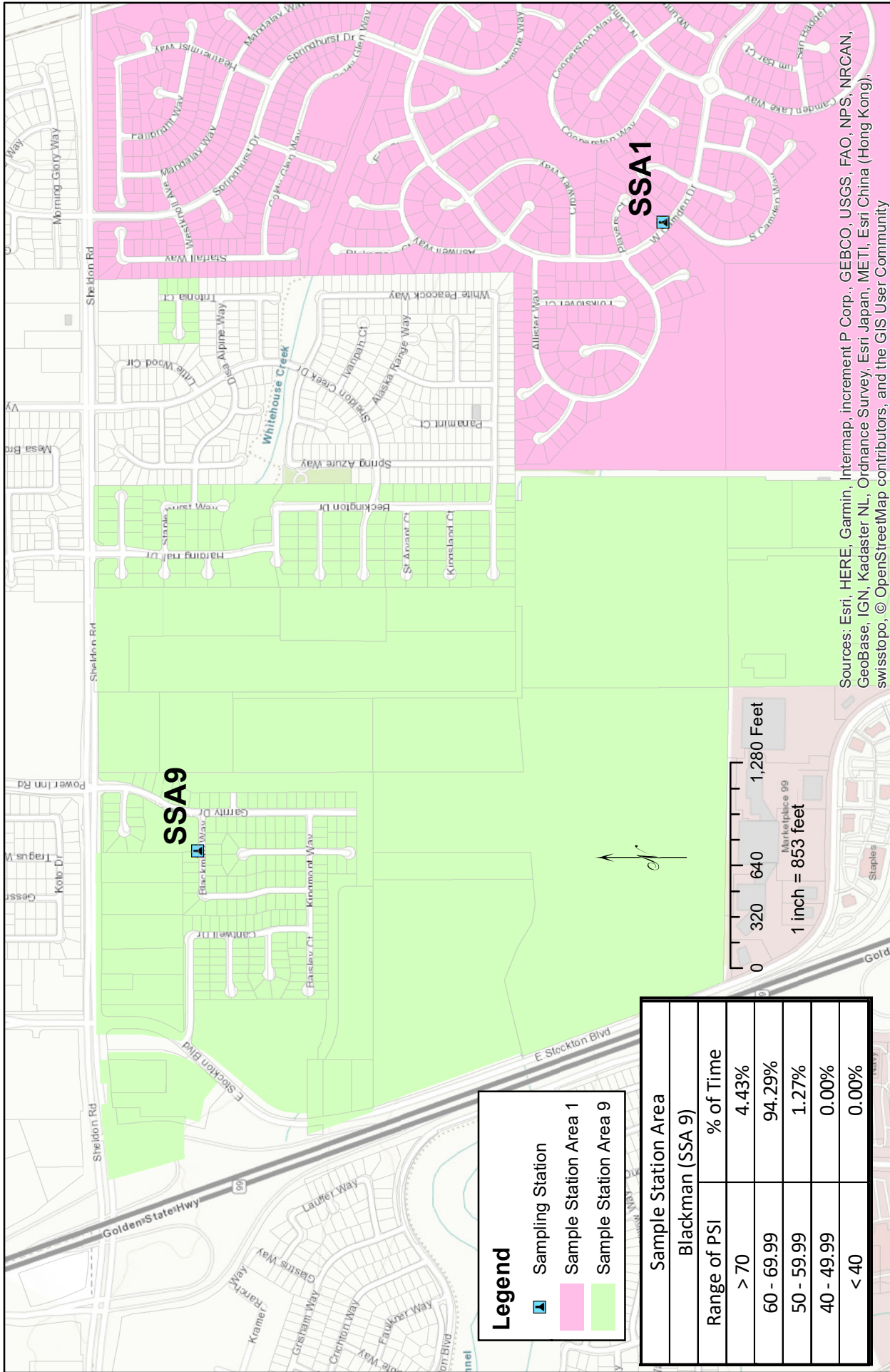
Sources: Esri, HERE, Garmin, Intermap, in GeoBase, IGN, Kadaster NL, Ordnance Survey, the swiss topo, © OpenStreetMap contributors, and the GIS User Community

Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 November 7, 2019

Elk Grove Water District
 System Pressure Monitoring



Sample Station #8
 Note: Sample Station takes a reading every 5 minutes.
 October 2019



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

Legend

- Sampling Station
- Sample Station Area 1
- Sample Station Area 9

Sample Station Area	Blackman (SSA 9)	Range of PSI	% of Time
> 70			4.43%
60 - 69.99			94.29%
50 - 59.99			1.27%
40 - 49.99			0.00%
< 40			0.00%

Sample Station #9

Note: Sample Station takes a reading every 5 minutes.

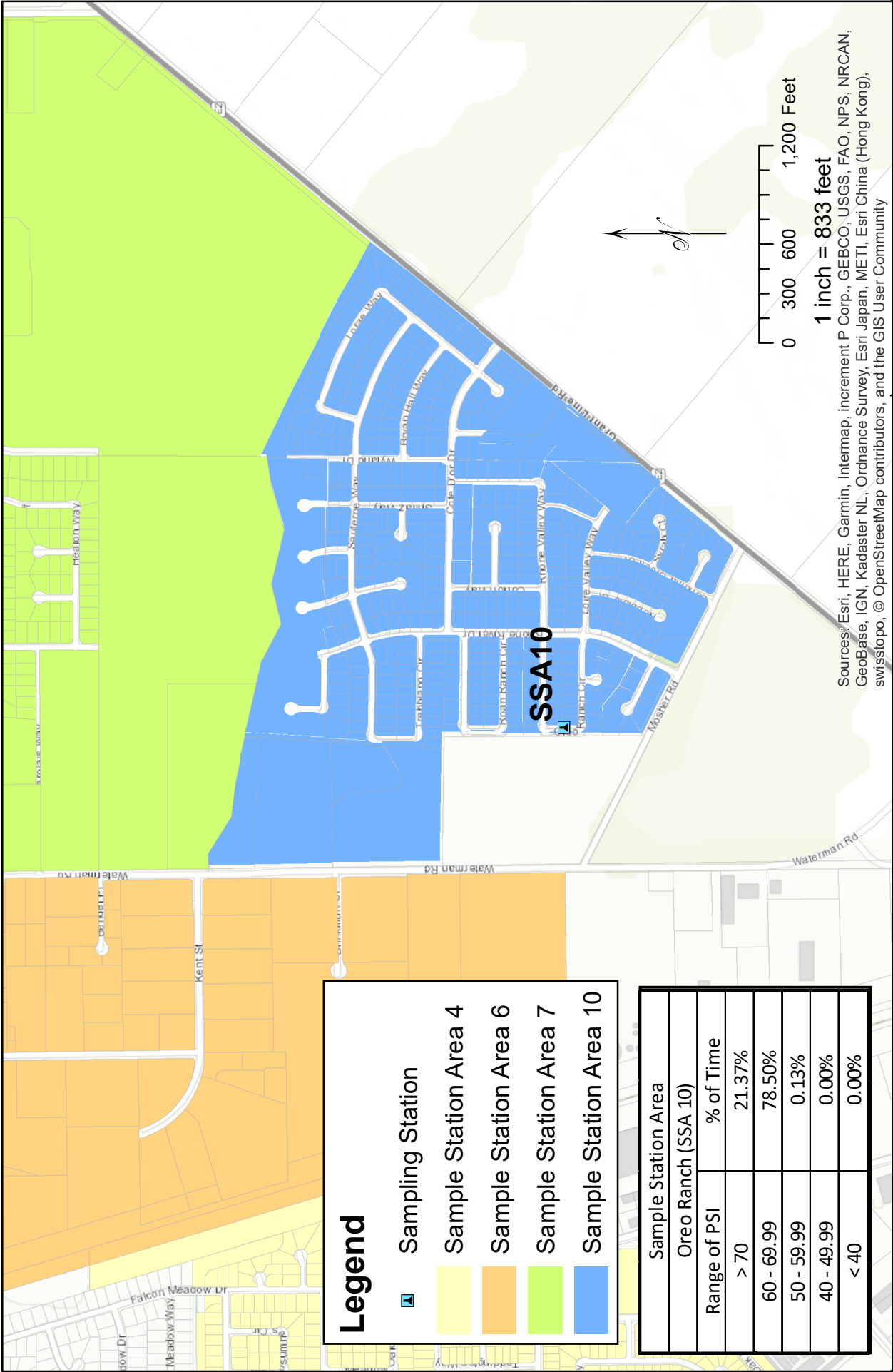
October 2018

Elk Grove Water District

System Pressure Monitoring



Projected coordinate system:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 November 7, 2019

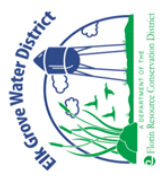


Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 November 7, 2019

Elk Grove Water District

System Pressure Monitoring



Legend

- Sampling Station
- Sample Station Area 4
- Sample Station Area 6
- Sample Station Area 7
- Sample Station Area 10

Sample Station Area	Oreo Ranch (SSA 10)
Range of PSI	% of Time
> 70	21.37%
60 - 69.99	78.50%
50 - 59.99	0.13%
40 - 49.99	0.00%
< 40	0.00%

Sample Station #10

Note: Sample Station takes a reading every 5 minutes.

October 2019

November 19, 2019

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Stefani Phillips, Human Resource Administrator
SUBJECT: **COMMERCIAL CLASS A LICENSE DIFFERENTIAL PAY POLICY**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors adopt Resolution No. 11.19.19.01, amending the Employee Policy Manual to include Section 4.2.13 Commercial Class A License Differential Pay.

SUMMARY

A policy establishing differential pay for water distribution and treatment operators who carry a Commercial Class A License (Class A License) has been developed for the Florin Resource Conservation District (FRCD) Board of Directors (Board) to consider. The proposed policy was developed to provide appropriate compensation to cover the personal impact the Class A License has on the employees; to aide in retention and recruitment; to enhance morale; and to assist the District in developing an elite team of water operators. The proposed policy prescribes any full-time, non-exempt, water operator possessing a Class A License shall be paid a differential of \$1.50 per hour above his or her regular rate of pay. The immediate annual impact on the operating budget is \$29,120, up to a maximum of \$49,920 for all future budget years.

By this action, if approved, the Board would adopt Resolution No. 11.19.19.01, amending the Employee Policy Manual to include Section 4.2.13 Commercial Class A License Differential Pay (attached).

DISCUSSION

Background

During a brainstorming session regarding recruitment and retention, the Leadership Team evaluated the District's compensation in comparison to other agencies in the District's region. Staff discovered that other agencies are providing differential pay for water operators that hold a Class A License. The Leadership Team determined differential pay would provide appropriate compensation to cover the personal impact the Class A License has on the employees; to aide in retention and recruitment; to enhance morale; and to assist the District in developing an elite team of water operators.

COMMERCIAL CLASS A LICENSE DIFFERENTIAL PAY POLICY

Page 2

Present Situation

Staff developed the proposed Commercial Class A License Differential Pay Policy, which has been reviewed by Liebert Cassidy Whitmore (LCW), as well as a Board Working Group that included Chair Tom Nelson and Vice-Chair Bob Gray.

The proposed policy prescribes any full-time, non-exempt, water distribution or treatment operators, including supervisors, possessing a Class A license shall be paid a differential of \$1.50 per hour above his or her regular rate of pay.

If approved, the Board would adopt Resolution No. 11.19.19.01, amending the Employee Policy Manual to include Section 4.2.13 Commercial Class A License Differential Pay.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

Development and distribution of a Manual directly relates to the 2012-2017 Strategic Plan goals of Workforce Development, Customer Service and Business Practices. An employee manual also constitutes administrative policies and the Board is required to formulate and approve these policies per the FRCD Board By-Laws adopted by Resolution No. 02.24.10.02.

FINANCIAL SUMMARY

The immediate financial impact on the Elk Grove Water District Fiscal Year 2019-20 Operating Budget of adding the Commercial Class A License Differential Pay would be \$29,120, up to a maximum of \$49,920 for all future budget years.

Respectfully Submitted,



STEFANI PHILLIPS,
HUMAN RESOURCE ADMINISTRATOR

Attachments

RESOLUTION NO. 11.19.19.01

A RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS AMENDING THE EMPLOYEE POLICY MANUAL TO INCLUDE SECTION 4.2.13 COMMERCIAL CLASS A LICENSE DIFFERENTIAL PAY

WHEREAS the Florin Resource Conservation District Board of Directors, establishes written policies and procedures for the Elk Grove Water District employees;

WHEREAS the Board of Directors has adopted an Employee Policy Manual describing employment benefits and other conditions of employment, which the Board and staff review regularly and update as necessary;

WHEREAS the Board of Directors desires to maintain a level of compensation and employment benefits that is commensurate with the prevailing industry standard;

WHEREAS the Board of Directors has determined that possession of a commercial Class A license by District employees working as certified water distribution or water treatment operators has a beneficial impact on the District's productivity; and

WHEREAS the Board of Directors therefore desires to enact a policy providing differential pay to District employees who are working as certified water distribution or water treatment operators and who are in possession of a commercial Class A license;

BE IT NOW THERE RESOLVED AS FOLLOWS:

SECTION 1. The Board of Directors hereby adopts the foregoing recitals as true and correct, and incorporates them herein by reference.

SECTION 2. The Board of Directors hereby adopts Resolution No. 11.19.19.01, amending the Employee Policy Manual to include section 4.2.13 Commercial Class A License Differential Pay.

SECTION 3. The Board of Directors hereby authorizes the General Manager, or his designee, to duly implement the aforementioned adopted policy on behalf of the District, to amend the Employee Policy Manual accordingly, and to make a copy of the revised Employee Policy Manual available to all employees.

SECTION 4. The Board Secretary shall certify to the adoption of this Resolution.

SECTION 5. This Resolution shall take effect immediately upon its adoption.

PASSED, APPROVED, AND ADOPTED this ____ day of _____, 2019.

AYES:

NOES:

ABSENT:

ABSTAIN:

Tom Nelson
Chair of the Board of Directors

ATTEST:

Stefani Phillips
Board Secretary

APPROVED AS TO FORM:

Richard E. Nosky
District Legal Counsel

EXHIBIT “A”

**ELK GROVE WATER DISTRICT
EMPLOYEE POLICY MANUAL**

**COMMERCIAL CLASS A LICENSE
DIFFERENTIAL PAY POLICY**

[Attached behind this cover page]

4.2.13 Commercial Class A License Differential Pay

All full-time, non-exempt water distribution and treatment operators, including supervisors, are eligible to receive differential pay for holding a California commercial Class A license (Class A license) during employment with the District. Any operator possessing a Class A license shall be paid a differential of \$1.50 per hour above his or her regular rate of pay.

Operators have the sole responsibility of providing copies of his or her license and renewals to the Human Resources Administrator. Operators must provide evidence that the license is current in order for compensation to be considered. If the license has expired, the related compensation will stop. In no event will retroactive differential pay be awarded for changes in policy or an operator's failure to provide or maintain proof of a current license in his or her personnel file. All requests for differential pay will be made to the Human Resources Administrator and codified with a Personnel Action Form.

November 19, 2019

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Stefani Phillips, Human Resource Administrator

SUBJECT: **BOARD OF DIRECTORS ORIENTATION POLICY**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors adopt Resolution No. 11.19.19.02, establishing a Board of Directors Orientation Policy.

SUMMARY

On June 28, 2019, the Florin Resource Conservation District (District) received a report from the Sacramento County Grand Jury (Grand Jury) entitled *The Florin Resource Conservation District – A Case of Mistaken Identity?* (Report). This Report was reviewed and discussed at a Special Board Meeting of the District Board of Directors (Board) on July 31, 2019. From the direction provided by the Board at that meeting, the proposed responses were drafted, presented and approved by the Board at the Regular Board Meeting on August 21, 2019 for submission to the Presiding Judge of the Sacramento County Superior Court.

One (1) of the recommendations, referred to as R10, which the Board agreed to take action on, was to establish an onboarding process for new Board members that includes information on policy and operations and to post all Board policies on the District Website for the public's view by December 31, 2019. In September 2019, all Board policies were placed on the Districts Website for the public's view.

Staff has developed a policy establishing an orientation process for the newly elected or appointed Board members. This process will help the new Board members to understand the District, including its services, facilities and programs, as well as ensure they are properly carrying out their roles.

By this action, if approved, the Board would adopt Resolution No. 11.19.19.02, establishing a Board of Directors Orientation Policy (attached).

BOARD OF DIRECTORS ORIENTATION POLICY

Page 2

DISCUSSION

Background

On June 28, 2019, the District received a report from the Grand Jury entitled *The Florin Resource Conservation District – A Case of Mistaken Identity?* The Report was issued pursuant to a lengthy investigation by the Grand Jury following complaints of “alleged issues with a recent water rate increase (improper and misleading notices, procedural errors), problems with the composition of the Board of Directors, and a general lack of oversight by the Board of Directors.”

On July 31, 2019, the Board conducted a Special Board Meeting to review the Report and entertain comments from the public. During that meeting, all of the Findings and Recommendations were discussed and direction was provided by the Board to the General Manager on how to respond to the Report. The General Manager presented the proposed responses at the Regular Board Meeting on August 21, 2019, all of which were approved for submission to the Presiding Judge of the Sacramento Superior Court.

One (1) of the recommendations, referred to as R10, which the Board agreed to take action on, was to establish an onboarding process for new Board members that includes information on policy and operations and to post all Board policies on the District Website for the public’s view by December 31, 2019. In September 2019, all Board policies were placed on the Districts Website for the public’s view.

Present Situation

One (1) of the Districts key objectives in Fiscal Year 2019-20 is to update all Board policies, including the addition of some new policies. To help accomplish this objective, the District retained Regional Government Services (RGS) to help facilitate the review, development and update of the Board policies.

To comply with Grand Jury Report recommendation R10, the Board of Directors Orientation Policy was developed. This policy was then reviewed by staff, General Counsel Ren Nosky and a Board Working Group comprised of Chair Tom Nelson and Vice-Chair Bob Gray.

If approved, the Board would adopt Resolution No. 11.19.19.02, establishing a Board of Directors Orientation Policy.

BOARD OF DIRECTORS ORIENTATION POLICY

Page 3

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

The proposed procurement policies meet the Regulatory Compliance section and the Financial Stability section of the 2012-2017 Strategic Plan.

FINANCIAL SUMMARY

There is no direct financial impact associated with this item at this time.

Respectfully Submitted,



STEFANI PHILLIPS,
HUMAN RESOURCE ADMINISTRATOR

Attachments

RESOLUTION NO. 11.19.19.02

**A RESOLUTION OF THE FLORIN RESOURCE CONSERVATION
DISTRICT BOARD OF DIRECTORS ESTABLISHING A
BOARD OF DIRECTORS ORIENTATION POLICY**

WHEREAS the Florin Resource Conservation District (District) Board of Directors (Board), establishes written policies and procedures for the District to abide by;

WHEREAS the Board desires to establish an orientation process to help new Board members understand the District, including its services, facilities, and programs;

WHEREAS the orientation process will include a meeting with the General Manager, Board Secretary and Board member to review the Board Member Guidebook;

WHEREAS the Board wishes to adopt a Board of Directors Orientation Policy to ensure new Board members are properly carrying out their roles; and

BE IT NOW THERE RESOLVED AS FOLLOWS:

SECTION 1. The Board of Directors hereby adopts the foregoing recitals as true and correct, and incorporate them herein by reference.

SECTION 2. The Board hereby adopts Resolution No. 11.19.19.02, establishing a Board of Directors Orientation Policy.

SECTION 3. The Board Secretary shall certify to the adoption of this Resolution.

SECTION 4. This Resolution shall take effect immediately upon its adoption.

PASSED, APPROVED, AND ADOPTED this ____ day of _____, 2019.

AYES:

NOES:

ABSENT:

ABSTAIN:

Tom Nelson
Chair of the Board of Directors

ATTEST:

Stefani Phillips
Board Secretary

APPROVED AS TO FORM:

Richard E. Nosky
District Legal Counsel

EXHIBIT “A”

FLORIN RESOURCE CONSERVATION DISTRICT

BOARD OF DIRECTORS ORIENTATION POLICY

[Attached behind this cover page]

Policy Type: Florin Resource Conservation District Board of Directors
Policy Title: Board of Directors Orientation Policy
Date Adopted:
Resolution No:

I. PURPOSE

The purpose of this policy is to establish an orientation process for the Florin Resource Conservation District (District) Board of Directors (Board members). This process is intended to help them understand the District, including its services, facilities and programs. This orientation is also to assist the new Board members in carrying out their roles. A bi-annual orientation may be scheduled for all Board members to review any updates and/or additions.

II. POLICY

This policy prescribes that new Board members will participate in an orientation session within one (1) month of taking office. The District has prepared a Board Member Guidebook (Guidebook) to assist Board members in learning and understanding the District and their roles and responsibilities. The Guidebook will constitute the basis for the orientation, as well as provide useful information to prospective Board members and the public. Copies will be available through a California Public Records Act request.

III. SCOPE OF BOARD MEMBER ORIENTATION

The Guidebook will be provided to new Board members within one (1) week of taking office. An orientation meeting between the Board members, General Manager, and Board Secretary will be held within one (1) month of taking office. During the initial orientation, the topics that will be covered in the Guidebook include, but are not limited to:

- District background and history
- District maps and boundaries
- Descriptions of services provided
- District mission, vision and values statement
- Financial information including budget, audits reports, capital improvement plans
- Annual calendar including meeting times, dates and locations
- District Bylaws
- District policies and procedures
- Resources for additional information on special districts, water providers, etc.

IV. FORMAT AND FREQUENCY

A. Initial Orientation

1. The Board Secretary will coordinate the orientation with each Board member.
2. The General Manager will conduct the orientation with each new Board member.

B. Bi-Annual Orientation

1. This orientation may be scheduled bi-annually and may include required training(s) for all Board members.
2. Bi-annual orientations, if scheduled, will be conducted like any other Board meeting or workshop and will include District staff and consultants, as appropriate.

V. MAINTENANCE OF BOARD MEMBER GUIDEBOOK

The Board Secretary will be responsible for the maintenance of the Guidebook and for making it available through a California Public Records Act request. The Guidebook will be reviewed and updated as needed. As content is updated, the Board Secretary will ensure that each Board member's Guidebook is updated accordingly.

November 19, 2019

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Patrick Lee, Finance Manager/Treasurer

SUBJECT: **AMENDMENT TO PROFESSIONAL AND CONSULTANT SERVICES AGREEMENTS POLICY**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors adopt Resolution No. 11.19.19.03, amending and replacing the Professional and Consultant Services Agreements Policy.

SUMMARY

On June 28, 2019, the Florin Resource Conservation District (District) received a report from the Sacramento County Grand Jury (Grand Jury) entitled *The Florin Resource Conservation District – A Case of Mistaken Identity?* (Report). This Report was reviewed and discussed at a Special Board Meeting of the District Board of Directors (Board) on July 31, 2019. From the direction provided by the Board at that meeting, the proposed responses were drafted, presented and approved by the Board at the Regular Board Meeting on August 21, 2019 for submission to the Presiding Judge of the Sacramento County Superior Court.

Two (2) of the recommendations the Board agreed to take action on, referred to as R5 and R6, were to make the necessary changes to the District’s Professional and Consultant Services Agreements Policy to address the types of professional and consultant services required to be procured through the policy and to address the use of interim contracts. Staff is also proposing the addition of time constraint justification to Section 7 – Sole Source Justification.

By this action, if adopted, the Board will adopt Resolution No. 11.19.19.03, amending and replacing the Professional and Consultant Services Agreements Policy.

DISCUSSION

Background

On June 28, 2019, the District received a report from the Grand Jury entitled *The Florin Resource Conservation District – A Case of Mistaken Identity?* The Report was issued pursuant to a lengthy investigation by the Grand Jury following complaints of “alleged issues with a recent water rate increase (improper and misleading notices, procedural

AMENDMENT TO PROFESSIONAL AND CONSULTANT SERVICES AGREEMENTS POLICY

Page 2

errors), problems with the composition of the Board of Directors, and a general lack of oversight by the Board of Directors.”

On July 31, 2019, the Board conducted a Special Board Meeting to review the Report and entertain comments from the public. During that meeting, all of the Findings and Recommendations were discussed and direction was provided by the Board to the General Manager on how to respond to the Report. The General Manager presented the proposed responses at the Regular Board Meeting on August 21, 2019, all of which were approved for submission to the Presiding Judge of the Sacramento Superior Court.

Two (2) of the recommendations the Board agreed to take action on, referred to as R5 and R6, were to make the necessary changes to the District’s Professional and Consultant Services Agreements Policy to address the types of professional and consultant services required to be procured through the policy and to address the use of interim contracts.

Present Situation

Below is a summary of recommendations R5 and R6 and the proposed changes made to the Professional and Consultant Services Agreements Policy (attached) to comply with the recommendations of the Report and the proposed changes to add time constraints as a justified reason for sole source procurements:

Recommendation R5

FRCD should review and amend, by December 31, 2019, contracting policies for professional and consultant services to address time limits, types of professional services and other requirements.

Proposed Changes: Section 6 of the Professional and Consulting Services Agreements Policy was updated to remove the reference to Section 37103 of California Government Code, which defines and generalizes the occupations that are classified as “professional services”. Section 6 has been updated to include only the professional and consultant services deemed applicable to the Professional and Consultant Services Agreements Policy.

Recommendation R6

FRCD should develop, by December 31, 2019, new policies relative to interim contracting for professional services for board approval. Minimize the use of interim contracts and

**AMENDMENT TO PROFESSIONAL AND CONSULTANT SERVICES AGREEMENTS
POLICY**

Page 3

maximize the use of standard contracts using a competitive process for professional services.

Proposed Changes: Section 4 of the Professional and Consultant Services Agreements Policy has been updated to state that the District will not utilize any interim contracts and will only utilize standard contracts for professional and consultant services. All professional and consultant services agreements will be procured on a competitive basis, sole source basis or emergency basis as set forth in the Professional and Consultant Services Agreements Policy.

Staff is also proposing the addition of time constraint justification to Section 7 – Sole Source Procurement of the policy as follows: “An urgent need for the service will not permit a delay resulting from competitive solicitation.” This provision will allow the District to obtain the necessary services to avoid a disruption in operations by eliminating any delay as a result of competitive solicitation.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

The proposed procurement policies meet the Regulatory Compliance section and the Financial Stability section of the 2012-2017 Strategic Plan.

FINANCIAL SUMMARY

There is no direct financial impact associated with this item at this time.

Respectfully submitted,



PATRICK LEE
FINANCE MANAGER/TREASURER

Attachments

RESOLUTION NO. 11.19.19.03

**A RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT
BOARD OF DIRECTORS AMENDING AND REPLACING THE
PROFESSIONAL AND CONSULTANT SERVICES AGREEMENTS POLICY**

WHEREAS, the Florin Resource Conservation District (“District”) is required by California law to adopt purchasing policies and procedures; and

WHEREAS, California Public Resources Code, Division 9 sets forth the authority and process for establishing purchasing policies and procedures; and

WHEREAS, an appropriate procurement policy will assist the District by documenting the proposal requirements and procedures for professional and consultant services agreements;

WHEREAS, the District’s current Professional and Consultant Services Agreements Policy was adopted by Resolution No. 11.14.18.03; and

WHEREAS, the District wishes to amend the Professional and Consultant Services Agreements Policy to ensure compliance with California and federal law.

NOW THEREFORE, THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS DOES HEREBY RESOLVE:

SECTION 1. The Board of Directors hereby adopts the foregoing recitals as true and correct, and incorporates them herein by reference.

SECTION 2. The Board of Directors hereby adopts Resolution No. 11.19.19.03, amending and replacing the Professional and Consultant Services Agreements Policy as incorporated herein, and attached hereto as Exhibit “A.”

SECTION 2. The Board Secretary shall certify to the adoption of this Resolution.

SECTION 3. This Resolution shall take effect immediately upon its adoption.

PASSED, APPROVED, AND ADOPTED this ____ day of _____, 2019.

AYES:
NOES:
ABSENT:
ABSTAIN:

Tom Nelson
Chair of the Board of Directors

ATTEST:

Stefani Phillips
Board Secretary

APPROVED AS TO FORM:

Richard E. Nosky
District Legal Counsel

EXHIBIT “A”

FLORIN RESOURCE CONSERVATION DISTRICT

**PROFESSIONAL AND CONSULTANT
SERVICES AGREEMENTS POLICY**

[Attached behind this cover page]

FLORIN RESOURCE CONSERVATION DISTRICT

ADOPTED BY FRCO RESOLUTION NO. 11.19.19.03

PROFESSIONAL AND CONSULTANT SERVICES AGREEMENTS POLICY

Purpose of the Policy: The purpose of this policy is to establish the Florin Resource Conservation District (District) officers' authority and procedural requirements for professional and consultant services agreements. All professional and consultant services required by the District shall be made in accordance with this policy.

Section 1. Professional and consultant services shall be procured as economically as possible commensurate with quality needed as to provide the best overall value to the District.

Section 2. Before an agreement is signed by any District representative or is brought to the District Board of Directors (Board) as an agenda item, the agreement must:

- (1) Include appropriate insurance and indemnification provisions reviewed by District Legal Counsel;
- (2) Be approved as to form by District Legal Counsel;
- (3) Be approved as to budget availability and purchasing procedural compliance by the General Manager or Finance Manager; and
- (4) Be signed by the other party unless it's an agreement that must go before the Board and requires the other party to acquire payment and/or performance bonds. In this case, the agreement shall be taken to the Board unsigned by either party.

Section 3. Each agreement entered into under the policy shall be filed with the Finance Supervisor and shall be retained in accordance with the District's adopted retention policy.

Section 4. It is against District policy to split into smaller orders the procurement of professional or consulting services for the purpose of evading the provisions of this policy. The District will not utilize interim contracts and will only utilize standard contracts to procure professional and consulting services according to the requirements as set forth below.

Section 5. The General Manager or the Board may reject any or all proposals received as part of the proposal process.

Section 6. General procedures and rules for procuring professional and consulting services are as follows:

Selection for professional and consultant services, defined as the services of a private architect, landscape architect, engineer, doctor, environmental scientist, investment advisor, financial, land surveying, or construction project management firm, shall be based on best qualified and most responsible proposer, as determined by the District. Selected proposer may not necessarily be the lowest priced proposal.

(a) *Professional and Consultant Services (Costing \$3,000 or less)*: For professional and consultant services costing \$3,000 or less, professionals will be asked to submit a letter proposal. The District shall select those professionals that demonstrate the highest competence and professional qualifications necessary for the satisfactory performance of the services required. Professionals who are selected will be required to submit a letter of engagement, signed by the District and the Professional firm, setting forth the price and scope of services to be provided.

(b) *Professional and Consultant Services (Costing \$3,001 to \$50,000)*: For professional and consultant services costing \$3,001 to \$50,000, District staff shall:

- i. Informally solicit proposals by written or verbal request (via telephone, fax, e-mail, or mail) from at least three firms, or justify why such quotations were not possible or justified;
- ii. District management staff shall review all responsive proposals and evaluate the proposals in order to determine which proposer best meets the District's needs by demonstrating the competence and professional qualifications necessary for the satisfactory performance of the required services. The successful proposer may not necessarily have the lowest priced proposal. If another firm is selected, the reasons for not selecting the firm with the lowest priced proposal (i.e., quality) shall be recorded. The District reserves the right to reject any and all proposals or waive any irregularities in any proposal or the proposal process;
- iii. Award of agreement. A professional services agreement shall be used as the form of contract and must be approved by the General Manager. Prior to the General Manager approving the professional services agreement, District Legal Counsel shall review the agreement and provide approval as to the agreement's form. After legal counsel review, the General Manager shall review the professional services agreement, the availability of budgeted funds to cover the agreement, proper account coding and compliance with proper contracting procedures;
- iv. A multiple year agreement with a total cost that is projected to cost \$3,001 to \$50,000 over the term of the agreement shall be governed by the same procedures above.
- v. For contracts valued at more than \$3,000 but less than \$50,000, the General Manager may approve change orders. Change orders more than 10% of the original contract must be reported to the Board at the next regular Board meeting. In the event that the change order and the original contract amount exceeds the General Managers

signing authority of \$50,000, the change order must be approved by the Board.

(c) *Professional and Consultant Services (Costing More than \$50,000)*: For professional and consultant services costing more than \$50,000, District staff shall:

- i. Formally solicit proposals by using a Request for Proposal. The request for proposal shall include a general description of the services to be procured, the specific qualification requirements, a copy of the District's professional services agreement, and the time and place for submission of proposals. To the extent feasible, a notice inviting proposals shall be distributed to at least three (3) firms, unless the General Manager determines there is sufficient sole-source justification;
- ii. Utilizing a Professional Services Review Panel comprised of members of District management staff and board members, all responsive proposals shall be reviewed and evaluated in order to determine which proposer best meets the District's needs by demonstrating the competence and professional qualifications necessary for the satisfactory performance of the required services. The successful proposer may not necessarily have the lowest priced proposal. If another firm is selected, the reasons for not selecting the firm with the lowest priced proposal (i.e., quality) shall be recorded. The criteria by which the District shall evaluate proposals shall be set forth in the request for proposals. The District reserves the right to reject any and all proposals, or waive any irregularities in any proposal or the proposal process;
- iii. Award of agreement. A professional services agreement shall be used as the form of contract. Prior to the General Manager approving the professional services agreement, District Legal Counsel shall review the agreement and provide approval as to the agreement's form. After legal counsel review, the General Manager shall review the professional services agreement, the availability of budgeted funds to cover the agreement, proper account coding and compliance with proper contracting procedures. District staff shall prepare a staff report that identifies the availability of budgeted funds for the professional services, and staff shall take the professional services agreement to the Board for approval authorizing the General Manager to execute the professional services agreement. Board approval may be by either adoption of a resolution or approval of a motion; and

- iv. A multiple year agreement with a total cost that is projected to cost more than \$50,000 over the term of the agreement shall be governed by the same procedures above.
- v. For contracts valued more than \$50,000, the General Manager may approve change orders. All change orders that exceed 10% of the original contract must be approved by the Board.

Section 7. Sole Source Procurement:

(a) A sole source procurement is defined as any contract entered into without a competitive process, based on a justification that:

- i. Only one known source exists for supplies or services as determined by documented research; or
- ii. No other reasonable alternative source exists that meets the Districts requirements; or
- iii. Only one source meets the business needs of the District (e.g., compatibility, unique feature to meet District's business need, etc.); or
- iv. An urgent need for the service will not permit a delay resulting from competitive solicitation.

(b) When the service can be obtained from only one (1) source which has been reviewed and approved in writing by the General Manager for procurements up to \$50,000, or the Board for purchases costing more than \$50,000 or when in the judgment of the General Manager or Board, that compliance with the procurement procedures are not in the best interest of the District, the procurement must be accompanied by written justification. The justification may require the requestor to provide information such as:

- i. A description of the unique features that prohibit competition;
- ii. Documented research conducted to verify the professional or consultant as the only known source;
- iii. A description of the marketplace to include professional service providers;
- iv. Known compatibility issues; and/or
- v. Timing issues.

Section 8. Emergency Procurements

(a) In an emergency, defined as a situation where there is an immediate threat to life or property or where there is, or would be, a disruption of a vital public service;

(b) An emergency procurement must be approved verbally by the General Manager or, if he/she is not available, by other management personnel. When an emergency purchase is made, the purchase order for the transaction shall be prepared and approved the next working day (according to the procedures described above). Any such purchase order shall include documentation certifying the emergency.

(c) For emergency procurement exceeding \$50,000, a full accounting of such emergency expenditures by the General Manager will be reported to the Board at the next regular board meeting and the budget and/or reserve adjustment recommendation of the General Manager will be presented to the Board for discussion and approval

November 19, 2019

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Mark J. Madison, General Manager

SUBJECT: **STATUS UPDATE ON ACTION ITEMS FOLLOWING THE 2019 GRAND JURY REPORT – THE FLORIN RESOURCE CONSERVATION DISTRICT – A CASE OF MISTAKEN IDENTITY?**

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

On June 28, 2019, the Florin Resource Conservation District (District) received a report from the Sacramento County Grand Jury (Grand Jury) entitled *The Florin Resource Conservation District – A Case of Mistaken Identity?* (Report). This Report was reviewed and discussed at a Special Board Meeting of the District Board of Directors (Board) on July 31, 2019.

From the direction provided by the Board at that meeting, the proposed responses were drafted, presented and approved by the Board at the Regular Board Meeting on August 21, 2019 for submission to the Presiding Judge of the Sacramento County Superior Court. At the same meeting, the Board directed staff to prepare a standing agenda item to report back to the Board monthly updates on the status of the actions associated with selected recommendations and their due dates. This item is in compliance with that direction.

DISCUSSION

Background

On June 28, 2019, the District received a report from the Grand Jury entitled *The Florin Resource Conservation District – A Case of Mistaken Identity?* The Report was issued pursuant to a lengthy investigation by the Grand Jury following complaints of “alleged issues with a recent water rate increase (improper and misleading notices, procedural errors), problems with the composition of the Board of Directors, and a general lack of oversight by the Board of Directors.”

STATUS UPDATE ON ACTION ITEMS FOLLOWING THE 2019 GRAND JURY REPORT – THE FLORIN RESOURCE CONSERVATION DISTRICT – A CASE OF MISTAKEN IDENTITY?

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On July 31, 2019, the Board conducted a Special Board Meeting to review the Report and entertain comments from the public. During that meeting, all of the Findings and Recommendations were discussed, and direction was provided to the General Manager regarding how the Board wanted to respond to each Finding and Recommendation.

From the direction provided by the Board at that meeting, the General Manager presented the proposed responses at the Regular Board Meeting on August 21, 2019, all of which were approved for submission to the Presiding Judge of the Sacramento Superior Court. The responses included the actions that the District would be taking relative to the recommendations made by the Grand Jury based on their findings.

Present Situation

The Recommendations that the District agreed to take action on, and their present status, is as follows:

Recommendation R2

The FRCD Board of Directors should complete its updated Strategic Plan by June 30, 2020. The new Strategic Plan should include a discussion of its long-term vision and its long-range mission. This discussion should include a comprehensive review of the mission of the FRCD, whether it should continue as an independent district (either as an RCD or a water district) or consolidate with another area water provider (such as SCWA Zone 40).

Due Date: June 30, 2020

Status: The District is presently preparing a new Strategic Plan scheduled for completion on or around February, 2020.

Recommendation R4

FRCD should review its actions during the most recent water rate study and rate increase approval, by June 30, 2020, to ensure that such future actions follow the protest period mandated under Proposition 218. Action should be taken to review and amend Board policies to ensure that future rate studies and proposals for rate increases conform to the procedures outlined in Proposition 218.

STATUS UPDATE ON ACTION ITEMS FOLLOWING THE 2019 GRAND JURY REPORT – THE FLORIN RESOURCE CONSERVATION DISTRICT – A CASE OF MISTAKEN IDENTITY?

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Due Date: June 30, 2020

Status: District staff has started the process of reviewing and updating all Board policies and will develop and adopt a Board policy specific to ensuring that all future rate studies conform to the requirements and procedures outlined in Proposition 218. This policy will be completed before the due date as specified in the recommendation.

Recommendation R5

FRCD should review and amend, by December 31, 2019, contracting policies for professional and consultant services to address time limits, types of professional services and other requirements.

Due Date: December 31, 2019

Status: This policy is being presented to the Board for consideration during the November 19, 2019 Board meeting. If the proposed policy is approved, the Board will have complied with this recommendation.

Recommendation R6

FRCD should develop, by December 31, 2019, new policies relative to interim contracting for professional services for board approval. Minimize the use of interim contracts and maximize the use of standard contracts using a competitive process for professional services.

Due Date: December 31, 2019

Status: This policy is being presented to the Board for consideration during the November 19, 2019 Board meeting. If the proposed policy is approved, the Board will have complied with this recommendation.

Recommendation R7

FRCD should begin, by December 31, 2019, the process of planning and installing flowmeters in its main water transmission lines to monitor for breaks, pressure losses, etc. These monitoring devices should also be connected to an automatic alert system for on-call emergency employees.

STATUS UPDATE ON ACTION ITEMS FOLLOWING THE 2019 GRAND JURY REPORT – THE FLORIN RESOURCE CONSERVATION DISTRICT – A CASE OF MISTAKEN IDENTITY?

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Due Date: December 31, 2019

Status: The FRCD is planning to conduct a pilot program to test five (5) pressure monitoring devices installed on fire hydrants. Staff is scheduled to install the pressure monitoring devices on November 26, 2019. The pilot program will provide staff real data in order to make an informed decision as to whether to expand the program.

Recommendation R8

FRCD should rescind its vote approving health benefits for Board members, by September 30, 2019, since no action has ever been taken to implement them.

Due Date: September 30, 2019

Status: The Board voted against approving health benefits for Board members at the October 15, 2019 board meeting. This recommendation is complete.

Recommendation R10

FRCD should establish policy, by December 31, 2019, to ensure a programmatic on-boarding process for new Board Members that includes both policy and operations. In addition, FRCD should establish, by December 31, 2019, a web-page with Board policies for public review.

Due Date: December 31, 2019

Status: This recommendation is partially complete.

Staff has placed all Board policies online for public view. Relative to the addition of an on-boarding process, the Board of Director orientation policy is being presented to the Board for consideration during the November 19, 2019 Board meeting. If the proposed policy is approved, the Board will have complied with this entire recommendation.

Recommendation R11

FRCD should, on an ongoing basis, expand its outreach to its ratepayers, in order to increase their engagement with the business and activities of the district. This could include, but is not limited to, increased inserts with ratepayer's monthly bills, enhanced

STATUS UPDATE ON ACTION ITEMS FOLLOWING THE 2019 GRAND JURY REPORT – THE FLORIN RESOURCE CONSERVATION DISTRICT – A CASE OF MISTAKEN IDENTITY?

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web interaction, media outreach, such as a periodic column in the Elk Grove Citizen or other avenues, and practical workshops for ratepayers. FRCD should also engage with both the California Special Districts Association and the Institute for Local Government to learn about any other outreach efforts that are possible.

Due Date: Not Specified

Status: Work on this recommendation is ongoing. District staff actively participates in the Regional Water Efficiency Program Public Outreach Committee. A meeting was held November 12, 2019 to focus on numerous public outreach matters. The District also issued its Fall Water Drop newsletter, which is attached for the Board's information.

ENVIRONMENTAL CONSIDERATIONS

There are no environmental considerations associated with this item.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/Elk Grove Water District's (EGWD) 2012-2017 Strategic Plan. The Mission of the EGWD is stated as: "Committed to supplying our customers with high quality, safe water along with outstanding customer service for current and future generations." This item conforms to that Mission statement and also conform to EGWD's goals of Financial Stability, excellent Customer Service, and good Business Practices.

FINANCIAL SUMMARY

There are no financial impacts associated with the proposed response at this time.

Respectfully submitted,



MARK J. MADISON
GENERAL MANAGER

MJM/pl

November 19, 2019

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Mark J. Madison, General Manager

SUBJECT: **OUTSIDE AGENCY MEETINGS REPORT**

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 Outside Agency Meetings Report is a standing item on the regular board meeting agenda.

Staff and Florin Resource Conservation District (FRCD) Board of Directors (Board) attended numerous outside agency meetings since the last regular Board meeting. This report is intended to inform the Board of any substantive content included in those meetings that potentially affects the Elk Grove Water District (EGWD).

DISCUSSION

Background

Per the Board's direction during the February 21, 2018 Board meeting, staff will report on the outside agency meetings that occurred since the previous Board meeting. This report has been designed to list the notable meetings attended, by either staff or Board members, and the report will be given orally by the staff or Board members in attendance.

Present Situation

The notable outside agency meetings attended since October 17, 2019 were as follows:

- | | |
|-------|--|
| 10/17 | Association of California Water Agencies (ACWA) Regulatory Summit
(Kamilos, Shaw) |
| 10/25 | ACWA Legislation Meeting (Madison, Nosky, Kamilos, Jones) |

OUTSIDE AGENCY MEETINGS REPORT

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- 10/28-29 Department of Water Resources (DWR) Flood MAR Forum
(Nelson, Madison, Kamilos)
- 11/12 Regional Water Authority (RWA) RWEPCAC Meeting (Ramos)
- 11/14 RWA Regular Board Meeting (Nelson, Madison, Ramos)

Staff will orally present the major content items addressed in these meetings during the regular Board meeting.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

The District's Strategic Plan addresses responsible business practices and the importance of providing the community with safe drinking water. Attendance at these meetings, and this monthly report, assists EGWD in maintaining sound business practices, delivering safe drinking water, and meeting all regulatory and legal requirements.

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,



MARK J. MADISON
GENERAL MANAGER