

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

Agenda

Wednesday, March 21, 2018

6:30 PM

9257 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

Associate Director Comment

Public Comment

2. **Consent Calendar** (Stefani Phillips, Secretary and Patrick Lee, Treasurer)
 - a. Minutes of Regular Board Meeting of February 21, 2018
 - b. FRCD Cash Flow Worksheet – February, 2018
 - c. Warrants Paid – February, 2018
 - d. Active Accounts – February, 2018
 - e. Bond Covenant Status for FY 2017- 18 – February, 2018
 - f. Revenues and Expenses – Actual vs Budget FY 2017- 18 – February, 2018
 - g. Cash Accounts – February, 2018
 - h. Consultants Expenses – February, 2018
 - i. Major Capital Improvement Projects – February, 2018

Associate Director Comment

Public Comment

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

3. **Committee Meetings** (Stefani Phillips, Board Secretary)
 - a. Community Advisory Committee Meeting – February 12, 2018
 - b. Community Advisory Committee Meeting – February 15, 2018
 - c. Finance Committee Meeting – February 15, 2018

Associate Director Comment

Public Comment

Recommended Action: Accept the minutes of the Community Advisory Committee Meeting held on Monday, February 12, 2018 and the Community Advisory Committee Meeting and Finance Committee Meeting held on Thursday, February 15, 2018

4. **Elk Grove Water District Operations Report – February 2018**
(Mark J. Madison, General Manager)

Associate Director Comment

Public Comment

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

Associate Director Comment

Public Comment

6. **Florin Resource Conservation District Election** (Stefani Phillips, Board Secretary)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution No. 03.21.18.01 of the Florin Resource Conservation District Board of Directors calling the general election and requesting consolidation with the November 6, 2018 statewide election

7. **California Special Districts Association Board of Directors Call For Nominations – Sierra Network Seat A** (Stefani Phillips, Board Secretary)

Associate Director Comment

Public Comment

Recommended Action: Consider nominating a director or managerial employee from the Florin Resource Conservation District/Elk Grove Water District to Sierra Network

Seat A for the 2018 election of the California Special Districts Association Board of Directors

8. **Legislative Update** (Sarah Jones, Project Manager)

Associate Director Comment

Public Comment

9. **Directors Comments**

10. **Closed Session**

- a. CONFERENCE WITH LEGAL COUNSEL—ANTICIPATED LITIGATION
Significant exposure to litigation pursuant to Government Code section 54956.9(d)(2)—
one case

- b. CONFERENCE WITH REAL PROPERTY NEGOTIATORS
Property: APN# 134-0072-016-0000
Agency negotiator: Mark Madison
Negotiating parties: Cabrera Family Trust
Under negotiation: Price and terms of payment

Property: APN# 134-0110-073-0000
Agency negotiator: Mark Madison
Negotiating parties: Johan/Anne Otto Trust
Under negotiation: Price and terms of payment

Property: APN# 127-0170-003-0000
Agency negotiator: Mark Madison
Negotiating parties: Harcrow Elk Grove Irrev Trust
Under negotiation: Price and terms of payment

Property: APN# 134-0110-065-0000
Agency negotiator: Mark Madison
Negotiating parties: Raymond/Gloria Melavic Family Trust
Under negotiation: Price and terms of payment

Property: APN# 134-0050-055-0000
Agency negotiator: Mark Madison
Negotiating parties: Faziola, Hilda Emily and Faziola, Richard John
Under negotiation: Price and terms of payment

Property: APN# 134-0050-057-0000
Agency negotiator: Mark Madison
Negotiating parties: Matney 1991 Revocable Trust
Under negotiation: Price and terms of payment

- c. PUBLIC EMPLOYEE PERFORMANCE EVALUATION (Section 54957)
Title: General Manager

Adjourn to Regular Meeting – April 18, 2018

March 21, 2018

TO: Chairperson 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.

March 21, 2018

CONSENT CALENDAR

Page 2

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully Submitted,



STEFANI PHILLIPS,
BOARD SECRETARY

And



PATRICK LEE,
TREASURER

Attachments

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

Wednesday, February 21, 2018

The regular meeting of the Florin Resource Conservation District Board of Directors was called to order at 6:30 p.m. by Tom Nelson, Chairperson, at 9257 Elk Grove Blvd., Elk Grove, CA.

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

Directors Present: Bob Gray, Lisa Medina, Tom Nelson, Sophia Scherman, Jeanne Sabin
Directors Absent: None
Staff Present: Mark J. Madison, General Manager Bruce Kamilos, Assistant General Manager; Stefani Phillips, Board Secretary; Donella Murillo, Finance Supervisor; and Sarah Jones, Program Manager
Staff Absent: Patrick Lee, Finance Manager
Associate Directors Present: Shahid Chaudhry
Associate Directors Absent: Kenneth Strom
General Counsel Present: Ruthann G. Ziegler
Consultants Present: Thomas Dainat, IT Consultant

Public Comment

None

1. Proclamations and Announcements

General Manager, Mark Madison announced that the Elk Grove Water District (EGWD) has gone (2) years without a lost time injury.

2. Consent Calendar

- a. Regular Board Meeting Minutes of January, 2017
- b. FRCD Cash Flow Worksheet – January, 2017
- c. Warrants Paid – January, 2017
- d. Active Accounts – January, 2017
- e. Bond Covenant Status for FY 2017-18 – January, 2017
- f. Revenues and Expenses – Actual vs Budget FY 2017– January, 2017
- g. Cash Accounts – January, 2017
- h. Consultants Expenses – January, 2017
- i. Major Capital Improvement Projects – January, 2017

Chairperson Tom Nelson pulled item a, Regular Board Meeting Minutes of December, 2017 and item c, Warrants Paid – December, 2017 from the consent calendar.

MSC (Scherman/Sabin) to approve FRCD Consent Calendar items b, d-i. 5/0: Ayes: Gray, Medina, Nelson, Sabin and Scherman.

A discussion occurred regarding item a.

It was mentioned that the documents do not provide clear instruction for what the Economic Development Corporation (EDC) was developed for. Chairperson Tom Nelson provided history mentioned that the EDC was developed as a mechanism to purchase bonds. Ruthann Ziegler, General Counsel stated there could have been a way to issue bonds without forming an EDC.

Mr. Madison raised the question, do we need to have an annual meeting for the EDC. Mrs. Ziegler stated that the District is required to have an annual meeting in July. There will be more discussion on this topic at the March 7th Special Board Meeting.

A discussion occurred regarding item c.

Chairperson Nelson questioned Check #046433, a refund to Elk Grove Unified School District. Finance Supervisor Donella Murillo replied, the refund was for services that were billed incorrectly to Pleasant Grove High School.

MSC (Gray/Sabin) to approve items a and c. 5/0: Ayes: Gray, Medina, Nelson, Sabin and Scherman.

7. Legislative Update

Chairperson Tom Nelson moved agenda item (7) Legislative Update to be discussed after the consent calendar.

Program Manager Sarah Jones presented agenda item Legislative Update. She highlighted the Permanent Prohibitions, which include things such as recirculating fountains, hose nozzles at all times, and no irrigation for street medians. The Permanent Prohibitions is still in the process of being adopted.

Ms. Jones presented another legislation trying to be pushed through, SB623 – the water tax or the public goods charge. In summary, SB623 was developed to help create a low-income rate assistance program; this is a Budget Trailer bill. Ruthann Ziegler explained that a normal legislative bill, if passed, does not go into effect until January 1 of the following year. A Budget Trailer Bill, such as SB623, if passed, goes immediately into effect. Many are opposed, especially public agencies, because they do not like seeing things passed without stakeholder input.

Director Bob Gray asked if the SB623 - water tax is proposed for private wells. Ms. Jones responded that some funding from the statewide level will be provided for private wells to help treat water quality of the wells. Mr. Gray asked who is going to pay the tax: the rate payers in the district or private well owners. Ms. Jones' stated her understanding is, it would be from the local agencies, which means rate payers.

Mr. Madison asked the Board what position the EGWD should be taking. The Board agreed the District is opposed to the bill.

Ms. Jones provided information on a new proposed bill, SB998 that would require agencies to get permission from the local health and safety department before shutting off someone's water. Mr. Madison further explained that this goes with the argument of is water a commodity or a public right.

Associate Director Shahid Chaudhry asked the question of what does adequate water mean. Ms. Jones stated she wasn't sure, but it is a good question.

3. Committee Meetings

Stefani Phillips, Board Secretary, presented the Committee Meetings to the Board. There were (2) Community Advisory Committee meetings in the month of January. The Community Advisory Meeting and the Finance Committee Meeting were both held on January 10, 2018.

Mr. Madison commented that the Board may desire to hear more updates on outside agency meetings that staff attend. Mr. Nelson mentioned that meetings where staff learn information of interest to the EGWD should be shared.

Mr. Madison informed the Board that the Regional Water Authority (RWA) and Sacramento County Groundwater Authority (SCGA) are the most informative outside agency meetings to report back on. At next month's Regular Board Meeting, Mr. Madison will provide a complete report from the SCGA meeting. Director Sophia Scherman commented to only bring back information that directly affects the District.

MSC (Sabin/Scherman) to accept the minutes of the Community Advisory Committee Meeting and the Finance Committee Meeting held on Wednesday, January 10, 2018 5/0: Ayes: Gray, Medina, Nelson, Sabin, Scherman.

4. Elk Grove Water District Operations Report – January 2018

Mr. Madison presented summary points of the Elk Grove Water District Operations Report – January 2018 to the Board.

Summary Points:

- Door tags and shutoffs (914 & 94, respectively) were very high and this is expected pursuant to the month December when the District does not tag or shutoff customers for non-payment.
- There were no pressure complaints.
- There was one water quality complaints which was unsubstantiated as it was a problem with the customer's water softener.
- 156 hydrants checked. The District's hydrant maintenance target is set at 133 per month (ea. hydrant once per year).
- 165 valves exercised. The District's valve exercising target is set at 120 per month (every valve once per 3 years).
- Well 8 remained offline and is going to be refurbished this spring.
- Wells 9, 4D, 11D, and 14D were the main sources of supply for Service Area 1. Hampton (13) did not run except for sampling and maintenance.
- Production for Service Area 1 remained about the same compared to last month.
- Total customer usage for EGWD (SA1 and SA2) down by 8.3% compared to January 2013. Compared to other agencies in our region, EGWD's reduction is about average.
- The Static and Pumping Water level charts have new data – 1st quarter results. Static water levels are up in all wells compared to two years ago.
- All required bacteriological sampling was performed with one positive result. All retests on this positive sample were negative.
- All preventative maintenance activities have been performed in compliance with our Standard Operating Procedures.
- Backflow prevention program. As of the end of January, we had 6 delinquent customers. Three were carryovers from December.
- We had 3 formal safety meetings and it has been 733 days since we have had a lost time injury.
- No main line leaks and 3 service line leaks (2 pinhole, 1 saddle).
- Service Line Replacements – 20 service lines were replaced in January as part of the Kent St. Water Main project.
- Pressures in Service Area 1 stable in the 60 psi range. Pressures in Service Area 2 running high (70 psi +) a substantial portion of time.

Director Sophia Scherman commented about a hydrant on her court that needed maintenance. She wanted to thank the EGWD for taking care of it.

A discussion occurred regarding the leak on Elk Grove Blvd. Mr. Madison mentioned that leak is not in our District. The District does have a Water and Waste Water Agency Response Network (WARN) agreement, which is a “hold harmless agreement” and relates to providing aid to other agencies. Discussion continued regarding the District’s ability to help other agencies in need.

5. Florin Resource Conservation District 2018 Outside Agency Representation

Mr. Madison presented the Florin Resource Conservation District 2018 Outside Agency Representation.

Following up on last month’s Regular Board Meeting, Mr. Madison spoke more in depth on the RWA and how they are a big and influential organization. The RWA is an organization that has become a very significant group representing the Sacramento region on water issues. The District is a member of the RWA; in return the District is kept up to date on issues, all conservation requirements are covered, and they are provided grant opportunities.

Mr. Madison explained the RWA’s new plan - the Regional Water Reliability Planning, which came out after the drought when agencies wanted to make sure no one ran out of water– the District is involved in this effort. This would create new construction of various things in order to move water around at difficult times. The goal is to use more surface supply and less groundwater through interagency transfers, which is also considered as “in lieu groundwater recharge”.

Director Lisa Medina asked if there is any grant funding for this plan. Bruce responded that there is a huge grant which prompted the question, is the District ready to be involved in this effort. Mr. Madison explained that we are only part of the team at this point.

A discussion occurred regarding the RWA representation.

It was stated that there can be unlimited alternates for the RWA. It was also mentioned that the Board could decide to either change Mr. Madison from primary to alternate and make a Board Member the primary or make no changes to the current representation.

A discussion occurred regarding the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA) representation.

Mr. Madison expressed his opinion that there needs to be an alternate for the ACWA/JPIA. As of right now there is a primary and a co-primary.

A discussion occurred regarding the Sacramento Central Groundwater Authority (SCGA) representation.

Director Jeanne Sabin expressed her interest in becoming an alternate. Mr. Madison explained that the City of Elk Grove has to approve the additional alternate and that the District will submit the nomination for her to be added.

MCS (Scherman/Medina) to nominate Director Jeanne Sabin as an alternate to the Sacramento Central Groundwater Authority. 5/0: Ayes: Gray, Medina, Nelson, Sabin and Scherman.

MCS (Scherman/Medina) to approve the appointment of Mark Madison as an alternate to the Association of California Water Agencies/Joint Powers Insurance Authority. 5/0: Ayes: Gray, Medina, Nelson, Sabin and Scherman.

6. Florin Resource Conservation District Board of Directors Benefits

Ms. Phillips gave background regarding benefits for the Board of Directors. In summary, the Florin Resource Conservation District (FRCD) Board of Directors appointed a Board of Director Benefits Ad-hoc Committee to work with staff to establish a benefits package and policy.

Chairperson Tom Nelson presented the benefit package for consideration.

Mr. Madison explained if the directors wish to decline benefits, they would need to sign a waiver written by ACWA/JPIA. There was a discussion on the waiver and its specific language.

There was a discussion on the benefit package. Director Sabin asked if future Boards can remove the Board of Director benefits at any time. Mrs. Zeigler stated that it would probably require a certain amount of notice to ACWA/JPIA and to the fellow Board members who may have opted to receive the benefits. Ms. Phillips responded that there probably is some flexibility, but she would need to do some research to answer that question.

MSC (Scherman/Medina) to approve benefits plan as presented: the lowest costing medical plan; Dental benefits – Delta Dental PPO; and Vision Benefits – Vision Services Plan (VSP); and to work with the Board of Directors Ad-hoc Committee to establish a Board of Directors Benefits policy 5/0: Ayes: Gray, Medina, Nelson, Sabin and Scherman.

Associate Director, Shahid Chaudhry expressed his opinion that it is not a good idea at this time to provide Board of Directors benefits while a rate study is being performed and with the uncertainty of the FRCD. Director Sophia Scherman responded that the Board of Directors and employees come first and their health and welfare are important. This benefit is a way to help provide them with medical benefits.

8. Directors Comments

Chairperson Tom Nelson mentioned the Spring ACWA Conference will be in Sacramento in May 2018. He stated since there will not be a cost for hotel, travel, and flights the District may have more funds to take additional directors.

Director Jeanne Sabin commented on the Student and Landowner Education and Watershed Stewardship (SLEWS) – it is going very well. She stated there was a little hiccup that happened. A check was presented to SLEWS by Bank of America and kids were in the picture. Ms. Sabin pointed out that waivers need to be initiated and she would like to write an agreement to identify arrangement(s). Agendize for future discussion.

Adjourn to regular meeting on March 21, 2018 at 6:30 p.m.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary



FRCD Cash Flow For the Month Ended February 28, 2018

Cash in Bank – Beginning	\$ 36,894.07
Grant Reimbursements:	
Disbursements:	
Check # 1046-EGWD Reimbursement of Legal Fees	-\$ 9,646.32
Check # 1047-EGCG Workshop	-\$ 1,620.66
Check # 1048-EGUSD Slews	-\$ 179.92
Check # 1049-Void	
Check # 1050-Meyers/Nave Reimbursement of Legal Fees	-\$ 4,611.00
Check # 1051-EGWD PM Salary Allocation	-\$ 1,258.09
Cash in Bank – Ending	\$ 19,578.08

Check History Report

2/1/2018 to 2/28/2018
Elk Grove Water District

Check Number	Check Date	Vendor Number	Name	Check	Explanation
046523	2/7/2018	ACWAJPI	CB&T/ ACWA-JPIA	62,912.61	Medical Benefits- March 2018
046524	2/7/2018	AMAZON	AMAZON CAPITAL SERVICES	2,449.29	Equipment for MTG & I.T BLDG
046525	2/7/2018	AQUA	AQUA SIERRA CONTROLS, INC	2,506.30	New Pressure Transmitter on Back Wash Tank
046526	2/7/2018	BEN RES	BENEFIT RESOURCE, INC	200.00	
046527	2/7/2018	BSK4	BSK ASSOCIATES	100.00	Sampling-Treatment
046528	2/7/2018	CAL STE	CALIFORNIA STEAM	356.17	
046529	2/7/2018	CINTAS	CINTAS	101.15	
046530	2/7/2018	CONSOLI	CONSOLIDATED COMMUNICATIONS	1,577.14	Ethernet Service/Phones-MOC
046531	2/7/2018	CRF GEO	GEORGE MORENO	52.34	Account Closed- Customer Refund
046532	2/7/2018	CRF NT	NORTH AMERICAN TITLE COMPANY	50.14	Account Closed- Customer Refund
046533	2/7/2018	DATAPRO	DATAPROSE LLC	6,432.79	January Customer Billings
046534	2/7/2018	EG FORD	ELK GROVE FORD	15.53	
046535	2/7/2018	FASTENA	FASTENAL COMPANY	240.40	
046536	2/7/2018	FERGUS	FERGUSON ENTERPRISES, INC	1,013.94	APCO Silent Check Valves-Treatment
046537	2/7/2018	FERRELL	FERRELLGAS	10.04	
046538	2/7/2018	JAN PRO	JAN-PRO CLEANING SYSTEMS OF	500.00	Janitorial-MOC/ADMIN
046539	2/7/2018	MEYERS	MEYERS NAVE PROFESSIONAL LAW CORPORATION	27,716.08	Legal-December
046540	2/7/2018	MITCH	MITCH'S CERTIFIED CLASSES	1,100.00	Backflow Training-Distribution
046541	2/7/2018	NTS	NTS MIKEDON. LLC	158.85	
046542	2/7/2018	OREILLY	O'REILLY AUTO PARTS	214.95	
046543	2/7/2018	PACE	PACE SUPPLY CORP	1,982.18	Materials/Supplies-Kent Street
046544	2/7/2018	PETTY	PETTY CASH	79.89	
046545	2/7/2018	PLATT2	PLATT	54.91	
046546	2/7/2018	RADIAL	RADIAL TIRE OF ELK GROVE	1,225.59	
046547	2/7/2018	REPUBLI	REPUBLIC SERVICES #922	1,077.36	
046548	2/7/2018	ROOCO	ROOCO RENTS	1,248.28	Repairs& Maintenance-Truck #411 & 413
046549	2/7/2018	ROTH	ROTH STAFFING COMPANIES, L.P.	877.04	
046550	2/7/2018	SCHROED	RUDY SCHROEDER	2,250.00	Materials/Supplies-Kent & MOC
046551	2/7/2018	SIERRA C	SIERRA CHEMICAL COMPANY	532.59	Temporary Customer Service Help
046552	2/7/2018	SIERRA	SIERRA OFFICE SUPPLIES	383.84	Fork Lift Training-Field Crews
046553	2/7/2018	SIGN CE	THE SIGN CENTER	103.61	Supplies-Treatment
046554	2/7/2018	SITE ON	SITEONE LANDSCAPE SUPPLY	97.43	
046555	2/7/2018	SMUD	SMUD	1,141.85	
046556	2/7/2018	SMUD	SMUD	33.66	
046557	2/7/2018	SMUD	SMUD	4,685.69	

046558	2/7/2018	SMUD	SMUD	6,297.62			
046559	2/7/2018	SMUD	SMUD	115.83			
046560	2/7/2018	SMUD	SMUD	533.69			
046561	2/7/2018	SMUD	SMUD	766.91			
046562	2/7/2018	SMUD	SMUD	4,497.68			
046563	2/7/2018	SMUD	SMUD	1,762.96			
046564	2/7/2018	TOSHIBA	TOSHIBA FINANCIAL SERVICES	593.01			Copier-ADMIN
046565	2/7/2018	TRAFF S	TRAFFIC SIGN SPECIALTIES	18.32			
046566	2/7/2018	ULTRA	ULTRA TRUCK WORKS, INC	108.58			
046567	2/7/2018	VERIZON	VERIZON WIRELESS	433.78			
046568	2/14/2018	A. TEIC	A. TEICHERT & SON, INC	816.11			Materials-Stock Yard
046569	2/14/2018	AFLAC	AFLAC	1,900.63			
046570	2/14/2018	AIRGAS	AIRGAS USA, LLC	346.75			
046571	2/14/2018	ALL STA	ALL STAR RENTS	259.90			
046572	2/14/2018	AMAZON	AMAZON CAPITAL SERVICES	33.32			
046573	2/14/2018	ARC	ARC	11.10			
046574	2/14/2018	BACKFLO	BACKFLOW DISTRIBUTORS, INC	487.96			
046575	2/14/2018	BG SOLU	SOLUTIONS BY BG INC.	5,250.00			Daily Tasks/Help Tickets
046576	2/14/2018	BSK4	BSK ASSOCIATES	1,276.00			Various Invoices-Sampling-Treatment
046577	2/14/2018	CAP RUB	CAPITAL RUBBER & GASKET	197.02			
046578	2/14/2018	COUNTY	COUNTY OF SACRAMENTO	370,401.87			Sacramento County Water Billings- Zone 40 & 41-Dec/Jan
046579	2/14/2018	CS DM	CARD SERVICES	678.58			Contracted Services, Materials, Software Programs
046580	2/14/2018	CS RS	CARD SERVICES	1,102.69			Materials/Supplies-Utility Crew
046581	2/14/2018	CS SJ	CARD SERVICES	10.25			Parking
046582	2/14/2018	CS SP	CARD SERVICES	218.78			Training, Employee Appreciation
046583	2/14/2018	CS SS	CARD SERVICES	1,668.00			Materials & Supplies-Treatment
046584	2/14/2018	CSPL	CARD SERVICES	687.96			Airfare, GFOA Application
046585	2/14/2018	DMV	DMV	4.00			
046586	2/14/2018	EG FORD	ELK GROVE FORD	91.55			
046587	2/14/2018	FASTENA	FASTENAL COMPANY	152.96			
046588	2/14/2018	FERRELL	FERRELLGAS	25.45			
046589	2/14/2018	INT STA	INTERSTATE OIL COMPANY	1,963.82			Fuel
046590	2/14/2018	J.J. B	J.J. RE-BAR CORPORATION	546.66			Radio Antenna
046591	2/14/2018	JAYS	JAY'S TRUCKING SERVICE	784.00			Dump Fees for Filter Vessels
046592	2/14/2018	LOPREST	LOPREST DIVISION OF WRT	400.00			
046593	2/14/2018	NORWOOD	NORWOOD CONSTRUCTION	36,506.65			MTG & I.T. BLDG
046594	2/14/2018	PACE	PACE SUPPLY CORP	2,301.84			Materials/Supplies-Kent St, Treatment & Distribution
046595	2/14/2018	PG&E	PACIFIC GAS & ELECTRIC	65.57			
046596	2/14/2018	PLACER	RIVER CITY RENTALS	2,075.00			Equipment Rental-Filter Vessels
046597	2/14/2018	PURCH	PURCHASE POWER	537.15			Postage-ADMIN
046598	2/14/2018	ROOCO	ROOCO RENTS	541.00			Materials/Supplies-Kent Street
046599	2/14/2018	ROTH	ROTH STAFFING COMPANIES, L.P.	1,009.75			Temporary Customer Service Help
046600	2/14/2018	SIERRA	SIERRA OFFICE SUPPLIES	37.11			
046601	2/14/2018	ULTRA	ULTRA TRUCK WORKS, INC	16.05			
046602	2/14/2018	WEBCO	WEBCO COMMUNICATION, INC	1,574.01			New Phones for I.T. Center

046603	2/14/2018	WEF 4	WATER EDUCATION FOUNDATION	760.00	Membership Fees for 2018
046604	2/20/2018	WILTON	WILTON RANCHERIA	250.00	Replacement of Trees and Shrubs
046605	2/21/2018	CS BK	CARD SERVICES	334.95	Materials, Repairs & Maintenance, Well #8 Permit
046606	2/21/2018	CS MJM	CARD SERVICES	2,460.48	Contracted Services, Meals, Firewall Device
046607	2/21/2018	CS RS	CARD SERVICES	902.28	Materials/Supplies-Utility Crew
046608	2/21/2018	SAC 5	SACRAMENTO COUNTY	18.00	
046609	2/28/2018	ALAN AR	ALAN ARAGON	128.97	Clothing Reimbursement
046610	2/28/2018	AM	AM CONSERVATION GROUP, INC	7,915.45	Western Festival & Harvest Festival-Hose Nozzles
046611	2/28/2018	AMAZON	AMAZON CAPITAL SERVICES	355.24	
046612	2/28/2018	B WAGNE	BRANDON WAGNER	307.03	Clothing Reimbursement
046613	2/28/2018	BAY ALA	BAY ALARM COMPANY	1,564.42	Security Monitoring-MOC & ADMIN
046614	2/28/2018	BG SOLU	SOLUTIONS BY BG INC.	5,426.07	Daily Tasks/Help Tickets
046615	2/28/2018	BRINKS	BRINK'S INCORPORATED	318.44	Various Invoices-Sampling-Treatment
046616	2/28/2018	BSK4	BSK ASSOCIATES	1,329.00	Printing-Various Invoices
046617	2/28/2018	CCPPM	CCPPM	1,124.85	
046618	2/28/2018	COUNTY3	COUNTY OF SACRAMENTO	50.00	
046619	2/28/2018	COUNTY4	SACRAMENTO COUNTY UTILITIES	223.40	
046620	2/28/2018	CRCHC	CHICAGO TITLE	362.00	Account Closed- Customer Refund
046621	2/28/2018	CRCHC	CHICAGO TITLE	142.29	Account Closed- Customer Refund
046622	2/28/2018	CRF JRS	JOSE R SANTOS	72.33	Account Closed- Customer Refund
046623	2/28/2018	CRF SMF	SAU MAN FONG	178.39	Account Closed- Customer Refund
046624	2/28/2018	CRFFID6	FIDELITY NATIONAL TITLE	302.92	Account Closed- Customer Refund
046625	2/28/2018	CRFST6	STEWART TITLE OF SACRAMENTO	8.42	Account Closed- Customer Refund
046626	2/28/2018	DOMUM	DOMUM	1,801.33	Needs Assessment-ADMIN
046627	2/28/2018	EGWF	ELK GROVE WESTERN FESTIVAL	500.00	Western Festival Application 2018
046628	2/28/2018	EMP REL	EMPLOYEE RELATIONS, INC	49.00	
046629	2/28/2018	FASTENA	FASTENAL COMPANY	329.40	
046630	2/28/2018	FERGUS	FERGUSON ENTERPRISES, INC	35.28	
046631	2/28/2018	FORWARD	FORWARD, INC	2,507.03	Dump Fees for Spent filter Media Railroad Location
046632	2/28/2018	HDR	HDR ENGINEERING INC.	28,327.67	Water Rate Study
046633	2/28/2018	JAYS	JAY'S TRUCKING SERVICE	1,548.85	Materials & Supplies
046634	2/28/2018	KIRBY	KIRBY'S PUMP & MECHANICAL, INC	8,516.86	Well 1D Pump Conversion, Well #8 Replacement & Polhemus Inspect
046635	2/28/2018	LAKE V	LAKE VJE ELECTRIC, INC	214.00	
046636	2/28/2018	MEYERS	MEYERS NAVE PROFESSIONAL LAW CORPORATION	17,837.92	Legal-January 2018
046637	2/28/2018	MONTIEL	MICHAEL MONTIEL	276.86	Mileage Reimbursement-Training
046638	2/28/2018	NORTH	NORTH AMERICAN TITLE COMPANY	195.80	Account Closed- Customer Refund
046639	2/28/2018	NTS	NTS MIKEDON, LLC	330.40	
046640	2/28/2018	PACE	PACE SUPPLY CORP	4,299.74	Materials/Supplies-Kent St, Treatment, Distribution & Bullheads
046641	2/28/2018	PATLEE	PATRICK LEE	25.57	Mileage Reimbursement- CSMFO Conference
046642	2/28/2018	PEST	PEST CONTROL CENTER INC	80.00	
046643	2/28/2018	PLACER	RIVER CITY RENTALS	330.00	
046644	2/28/2018	PLATT2	PLATT	49.57	
046645	2/28/2018	RADIAL	RADIAL TIRE OF ELK GROVE	311.16	
046646	2/28/2018	ROTH	ROTH STAFFING COMPANIES, L.P.	1,468.58	Temporary Customer Service Help

046647	2/28/2018	SHAW	STEVE SHAW	41.64	Mileage Reimbursement-CA-NV AWWA
046648	2/28/2018	SIERRA	SIERRA OFFICE SUPPLIES	720.77	
046649	2/28/2018	SUMMIT	AIR WORKS INC	383.05	
046650	2/28/2018	TRAFF S	TRAFFIC SIGN SPECIALTIES	18.32	
046651	2/28/2018	TRENCH	TRENCH PLATE RENTAL CO	4,922.80	Rental Equipment-Media Replacement Filter Vessels
046652	2/28/2018	UNITED	UNITED SITE SERVICES	303.46	
046653	2/28/2018	W RODRI	WAYNE RODRIQUES	130.00	
046654	2/28/2018	WAC	WAC SOLUTIONS PARTNERS	877.50	Consulting Services-ABRA Suite
046655	2/28/2018	WILL SC	WILLIAM SCOTSMAN, INC.	586.32	Temporary Trailer Rental-MOC
046656	2/28/2018	ZOOM	ZOOM IMAGING SOLUTIONS, INC	237.10	
			Total:	<u>674,380.42</u>	

Elk Grove Water District
Active Account Information
2/28/2018

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Metered												
Residential	11,787	11,811	11,786	11,812	11,789	11,784	11,806	11,780				
Commercial	527	526	527	527	527	527	530	530				
Fire Service	175	175	177	178	177	177	177	177				
Total Accounts	12,489	12,512	12,490	12,517	12,493	12,488	12,513	12,487	-	-	-	-

Elk Grove Water District
Active Account Information
FY 2016/2017

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Metered												
Residential	11,670	11,674	11,671	11,800	11,784	11,779	11,780	11,782	11,792	11,801	11,805	11,803
Commercial	520	521	523	525	524	525	524	526	528	524	525	528
Fire Service	174	174	175	175	175	175	175	175	176	175	175	175
Total Accounts	12,364	12,369	12,369	12,500	12,483	12,479	12,479	12,483	12,496	12,500	12,505	12,506

Elk Grove Water District
Bond Covenant Status
For Fiscal Year 2017-18
As of February 28, 2018
Adjusted for Prepayments and Unbilled Revenue

Operating Revenues:

Charges for Services	\$	9,950,784
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Operating Expenses:

Salaries & Benefits (2)		2,432,420
Seminars, Conventions and Travel		17,395
Office & Operational		640,642
Purchased Water		2,012,797
Outside Services		558,361
Equipment Rent, Taxes, and Utilities		241,085
Total Operating Expenses		5,902,700

Net Operating Income

	\$	4,048,084
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Annual Interest & Principal Payments

\$3,823,349		2,548,899 (1)
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Debt Service Coverage Ratio, YTD Only:

1.59

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 **1.41**
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 February 28, 2018**

	General Ledger Reference	YTD Activity	Annual Budget	8/12=66.67% Variance	% Realized
Revenues	4100 - 4900	9,950,784	14,294,096	(4,343,312)	69.61%
Salaries & Benefits	5100 - 5280	2,597,639	\$4,109,177	(\$1,511,538)	63.22%
less Capitalized Labor		(121,333)	(\$560,829)	\$439,496	21.63%
Less CalPERS Prepayment for Remainder of Year: (3)		(43,885)		(\$43,885)	
Adjusted Salaries and Benefits: (3)		2,432,420	3,548,348	(1,115,928)	68.55%
Seminars, Conventions and Travel	5300 - 5350	17,395	\$50,500	(\$33,105)	34.45%
Office & Operational	5410 - 5494	640,642	\$984,881	(\$344,238)	65.05%
Purchased Water est. (4)	5495 - 5495	2,012,797	\$3,010,765	(\$997,969)	66.85%
Outside Services	5505 - 5580	558,361	\$896,110	(\$337,749)	62.31%
Equipment Rent, Taxes, Utilities	5620 - 5760	241,085	\$409,000	(\$167,915)	58.95%
Total Operational Expenses		5,902,700	8,899,604	(2,996,904)	66.33%
Net Operating Inome		4,048,084	5,394,492	-\$1,346,409	75.04%
Non-Operating Revenues					
Interest Received	9910 - 9910	42,030	110,000	(67,970)	38.21%
Unrealized Gains/Losses	9911 - 9911	(93,113)	-	(93,113)	-
Other Income/Expense	9920 - 9973	(94,238)	14,900	(109,138)	-632.47%
Total Non-Operating Revenues		(145,322)	124,900	(270,222)	-116.35%
Non-Operating Expenses					
Election Costs	9950 - 9950	-	-	-	
All other Non-Operating Expenses					
Capital Expenses (2):					
Capital Improvements		579,095	980,000	(400,905)	59.09%
Capital Replacements		374,798	576,000	(201,202)	65.07%
Equipment	1705 - 1760	22,647	100,000	(77,353)	22.65%
Unforeseen Capital Projects		-	100,000	(100,000)	0.00%
Capital Expenses:		976,541	1,756,000	(779,459)	55.61%
Bond Interest Accrued	7300 - 7300	1,213,066	1,833,349	(620,283)	66.17%
Total Non Operating Expenses		2,189,607	3,589,349	(1,399,742)	61.00%
Revenues in Excess of All Expenditures, including Capital		1,713,155	1,930,043	(216,888)	88.76%
Bond Retirement (1):		1,990,000	1,990,000	-	100.00%
Net Position after Capital and Debt Retirement Expenditures		(276,845)	(59,957)	(216,888)	

Notes:

- Bond retirement payments are made two times a year in September and March
- YTD Activity includes \$121,333 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 3.7% 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 Water District. Included above is an estimate of costs to date based on water used.

**Florin Resource Conservation District
CASH - Detail Schedule of Investments
2/28/2018**

<u>G/L Account Fund</u> <u>HELD BY BOND TRUSTEE:</u>	<u>Account number / name</u>	<u>Investment Name</u>	<u>Investment Type</u>	<u>Restrictions</u>	<u>Market Value</u>				
1110-000-20 Water	BNY 892744 FRCD 2014A DEBT SERVICE	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	645,111.23				
1112-000-20 Water	BNY 743850 FRCD 2016A DEBT SERVICE	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	252,180.00				
				Subtotal	\$ 897,291.23				
1001-000-20 Water	Cash on Hand			Unrestricted	\$ 300.00				
HELD BY F&M BANK:									
1011-000-10 FRCD	F&M 08-032009-01 CHECKING ACCOUNT			Unrestricted	25,556.43				
1011-000-20 Water	F&M 08-032017-01 OPERATING ACCOUNT			Unrestricted	619,763.95				
1031-000-20 Water	F&M 08-032912-01 CREDIT CARD ACCOUNT			Unrestricted	1,476,155.46				
1061-000-20 Water	F&M 08-032890-01 PAYROLL ACCOUNT			Unrestricted	67,750.49				
1071-000-20 Water	F&M 08-032920-01 DRAFTS ACCOUNT			Unrestricted	847,689.84				
				Subtotal	\$ 3,036,916.17				
INVESTMENTS									
1080-000-20 Water	Office of the Treasurer - Sacramento California	LAIF	Investment Pool	Unrestricted	\$ 506,558.41				
1081-000-20 Water	CALTrust Medium Term		Investment	Unrestricted	\$ 1,270,802.63				
1082-000-20 Water									
	<u>PURCHASE DATE</u>	<u>CUSIP</u>	<u>ISSUED BY</u>	<u>CALL DATE</u>	<u>MATURITY DATE</u>	<u>% of Portfolio</u>	<u>Current Yield</u>	<u>COST BASIS</u>	<u>MARKET VALUE</u>
	9/30/2016	N/A	Union Bank of California	N/A	N/A	1.26%	0.20%	\$ 99,516.82	\$ 99,516.82
	6/14/2016	3130A8AZ6	Federal Home Loan Bank (FHLB)	6/14/17 - one time	12/14/2018	6.270%	1.160%	\$ 500,745.00	\$ 496,490.00
	6/28/2016	3134G9VN4	Federal Home Loan Mortgage Corp. (FHLMC)	9/28/16 - qrtly	6/28/2019	12.560%	1.510%	\$ 1,000,000.00	\$ 994,310.00
	6/30/2016	3136G3SR7	Federal National Mortgage Association (FNMA)	12/30/16 - qrtly	12/30/2019	12.350%	1.410%	\$ 1,000,000.00	\$ 978,310.00
	9/30/2016	3136G4DB6	Federal National Mortgage Association (FNMA)	3/30/17 - qrtly	3/30/2020	12.330%	1.280%	\$ 1,000,000.00	\$ 976,910.00
	6/9/2016	3133EGCP8	Federal Farm Credit Banks (FFCB)	9/1/16 - cont.	12/1/2020	12.320%	1.660%	\$ 1,000,000.00	\$ 976,120.00
	6/16/2016	3136G3PY5	Federal National Mortgage Association (FNMA)	12/16/16 - qrtly	12/16/2020	12.280%	1.590%	\$ 1,000,000.00	\$ 972,470.00
	11/1/2017	3133EHM34	Federal Farm Credit Bank Bonds(FFCB)	11/01/22 - cont.	11/1/2022	12.28%	2.290%	\$ 1,000,000.00	\$ 972,270.00
	9/30/2016	3136G4CY7	Federal National Mortgage Association (FNMA)	3/30/17 - qrtly	9/30/2021	6.01%	1.580%	\$ 500,000.00	\$ 476,030.00
	11/2/2016	3130A9RZ6	Federal Home Loan Bank (FHLB)	4/28/17 - qrtly	10/28/2021	12.28%	1.020%	\$ 1,000,000.00	\$ 977,520.00
								\$ 8,100,261.82	\$ 7,919,946.82
								Total	\$ 13,631,815.26
								Total Restricted	\$ 897,291.23
								Total Unrestricted	\$ 12,734,524.03

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

Consultant Expenses
February 28, 2018

Fiscal Retainer Contracts

Consultant	Description	Current Month	Paid to date	Budget/Contract Amount	Percent of year (67%)
Meyers Nave Professional Law Corp	Task orders	45,550*	139,588	205,000	68.09%
Solutions by BG, Inc.	Task orders	10,676	90,215	127,920	70.52%

Major Contracts*

Consultant	Description	Current Month	Paid to date	Budget/Contract Amount	Percent of Contract Amount
Eaton Pumps Sales & Service	Well 1D Rehab		\$87,718	86,968	100.86%
HDR Engineering, Inc.	Water Rate Study	28,328	\$31,308	77,370	40.47%
Norwood Construction Services	Meeting & I.T. BLDG	36,507	\$520,420	558,498	93.18%

* This amounts includes December & January Billings

**Elk Grove Water District
Major Capital Improvement Project
Budget vs Actuals
February 28, 2018**

Capital Project	Fund Type	Project Type	Project Budget through 6/30/17	2017-18 Budget Allocation	(A) + (B) Total Project Budget to Date	(C) Total Project Exp to Date	(C) / (A) + (B) Percent Spent
Radio Antennas	CIP	Treatment	\$0	\$80,000	\$80,000	1,213	1.52%
RRWTF Modular Meeting Room/IT Center	CIP	Building and Site	\$0	\$550,000	\$550,000	579,255	105.32%
Service Line Replacements	CIP	Supply/Distribution	\$1,600,000	\$250,000	\$1,850,000	393,002	21.24%
Well 1D Pump Replacement	CIP	Supply/Distribution	\$184,000	\$0	\$184,000	38,280	20.80%
Well 8 Pump Replacement	CIP	Treatment	\$0	\$100,000	\$100,000	3,609	3.61%
Truck Replacements	CIP	Building and Site	N/A	\$100,000	\$100,000	22,647	22.65%
Backyard Water Mains/Service Replacement	R&R	Supply/Distribution	\$0	\$138,000	\$138,000	-	0.00%
Kent Street Water Main	R&R	Supply/Distribution	\$280,000	\$280,000	\$560,000	222,250	39.69%
Media Replacement Filter Vehicles	R&R	Treatment	\$50,000	\$50,000	\$100,000	121,804	121.80%
Well 9 Fence Replacement	R&R	Building and Site	\$0	\$15,000	\$15,000	4,814	32.09%
Well Rehabilitation (One Year)	R&R	Supply/Distribution	\$172,000	\$93,000	\$265,000	290,429	109.60%
Unforeseen Capital Projects	-		N/A	\$100,000	\$100,000	-	0.00%
Sub-Total			\$2,286,000	\$1,756,000	\$4,042,000	1,677,303	41.50%

March 21, 2018

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

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors accept the minutes of the Community Advisory Committee Meeting held on Monday, February 12, 2018 and the Community Advisory Committee Meeting and Finance Committee Meeting held on Thursday, February 15, 2018.

SUMMARY

The Board has requested a monthly summary of committee meetings. There were three (3) committee meetings in the month of February. The Community Advisory Committee (CAC) met two times, once on Monday, February 12, 2018 and a second time on Thursday, February 15, 2018. The Finance Committee also met on Thursday, February 15, 2018. Both meetings on Thursday were to discuss the 2018-2022 Water Rate and Connection Fee Study.

DISCUSSION

Background

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

Present Situation

Three committee meetings were held in the month of February. The CAC met on Monday, February 12, 2018 for their second meeting (Attachment 1). The CAC met for a third meeting on Thursday, February 15, 2018 (Attachment 2) and the Finance Committee met

COMMITTEE MEETINGS

Page 2

for their second meeting on the same day, Thursday, February 15, 2018 (Attachment 3) to discuss the 2018-2022 Water Rate and Connection Fee Study.

Meeting attendees include Associate Board Members Ken Strom and Shahid Chaudhry, Shawn Koorn, Water Rate Consultant, HDR, and several staff members.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

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

Attachments

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

Monday, February 12, 2018

Attendance:

Committee Members Present: Robert Blank, Gary Crotwell, Robert Stresak, Mark Freathy, Inderjit Kallirai, Shahid Chaudhry and Dwight Weathers

Staff Present: Mark J. Madison, General Manager; Patrick Lee, Finance Manager; Stefani Phillips, Board Secretary; Bruce Kamilos, Associate Civil Engineer; Donella Ouellette, Finance Supervisor; Sarah Jones, Program Manager; and Amber Parker, Administrative Assistant II (Confidential)

Consultants Present: None

1. 2018-2022 Water Rate and Connection Fee Study

General Manager Mark J. Madison opened the meeting and initiated introductions.

Mr. Madison explained communications between the Community Advisory Committee (CAC) relating to Brown Act compliance.

Mr. Madison informed and invited the CAC to the upcoming finance committee meeting on March 7th. The meeting was scheduled to discuss the Florin Resource Conservation District and what the District will do with it. Mr. Madison discussed an email received by one of the members of the CAC that proposed holding off on the rate study until the outcome of the FRCD is concluded. Mr. Madison responded stating, the outcome of the FRCD has no bearing on the rate study and the rate study must be performed.

Overview of Current Rates and Fees

Patrick Lee, Finance Manager lead the meeting and provided information on current rates and fees.

There was a brief discussion regarding amending the existing ordinance or developing a new document.

Outstanding Debt and Debt Service Coverage Ratio

Mr. Lee explained where the District stands with the debt service coverage, as well as above and below the line of revenue as it relates to the debt service coverage ratio.

Mr. Madison explained how a not-for-profit organization can make a profit. This is because the bond covenant requires the District to meet at least 1.15 times the sum of debt service. After the

debt income, the District has money to build capital projects, which do not affect the debt service coverage ratio.

A question and answer period occurred regarding debt services and bond ordinances.

Reserve Policy

Mr. Lee provided information on the reserve buckets: 1) Operating Reserve bucket 2) Capital Improvement bucket, 3) Capital Replacements bucket 4) Elections bucket, 5) Future Capital Replacement bucket, and 6) Future Capital Improvements bucket. Buckets 5 and 6 have surplus reserves.

Mr. Madison explained how the surplus reserves have grown and the District has to do something with them. He provided various options to the CAC for consideration. He informed the CAC how certain options effect the debt service coverage ratio.

One of the options provided was a new administration building. Mr. Madison explained where the District is at related to the needs assessment study for District Administration Building.

A question was asked regarding whether we could use the surplus reserves to advance pay some of the debt. Mr. Lee informed the committee that we cannot pre-pay before 2024. Mr. Madison stepped in to discuss that it is still an option if we put the surplus reserves into a separate bank account and let it sit until 2024.

Discussion continued on the reserves, as well as what will happen when the debt is paid off. Mr. Madison talked about all the changes the EGWD has made to save money, which in turn has kept the reserves at a steady amount instead of bleeding down like previously suggested in the 2013 rate study. Among the discussion of changes made, Mr. Madison talked about the addition of the Employee Cost Control Program and how it has been used to reduce employee costs.

Public and Private Fire Services

Mr. Madison provided background on public and private fire services and how it relates to the EGWD.

Mr. Madison stated, the question is, should there be a fire service fee. A brief discussion ensued and Mr. Madison informed the committee that this will be discussed in depth at the Thursday meeting.

Standby/Inactive Account Charges

Mr. Madison provided background on the standby and inactive accounts.

Mr. Madison stated, the question is, do you charge a fee or not charge a fee. A discussion took place and the question of whether there is a way to assess the fire hydrant fee was asked. Mr. Madison informed the CAC that the District has assessed the fee stating that it was built into the 2013 Rate Study; the cost of the fire service was added as part of the fixed fee. After more discussion, another question was asked regarding the outcome of a case with the Rio Linda Water District when they added a fire service fee and the staff will look into it.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary
AP/SP

Adjourn to next Community Advisory Committee Meeting: Thursday, January 15, 2018.

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

Thursday, February 15, 2018

Attendance:

Committee Members Present: Chairperson Tom Nelson, Robert Blank, Ken Strom, Gary Crotwell, Robert Stresak, Mark Freathy, Inderjit Kallirai, Shahid Chaudhry and Dwight Weathers

Staff Present: Mark J. Madison, General Manager; Patrick Lee, Finance Manager; Stefani Phillips, Board Secretary; Bruce Kamilos, Associate Civil Engineer; Donella Ouellette, Finance Supervisor; Sarah Jones, Program Manager; and Amber Parker, Administrative Assistant II (Confidential)

Consultants Present: Shawn Koorn, HDR Engineering Inc., and Kevin Lorentzen, HDR Engineering Inc.

1. 2018-2022 Water Rate and Connection Fee Study

General Manager Mark J. Madison started the meeting by thanking the Community Advisory Committee (CAC) for their attendance.

Mr. Madison introduced Chairperson Tom Nelson to the CAC and introductions were made.

Review of Key Study Assumptions

Shawn Koorn, HDR Engineering Inc., led the discussion/presentation. The purpose of the presentation was to review assumptions and drivers of the development of the rate study. Mr. Koorn wanted to discuss how the 2018 Rate Study will project revenue and expenses to help determine what rate and revenue adjustments will look like for the Elk Grove Water District.

Mr. Koorn discussed the next piece of the 2018 Rate Study will be to plug data into the Water Rate Model, which will be presented at the next meeting.

Financial Policies

Mr. Koorn explained the (6) reserve funds that the District has: 1) Operating Reserve fund 2) Capital Improvement fund, 3) Capital Replacements fund, 4) Elections fund, 5) Future Capital Replacement fund, and 6) Future Capital Improvements fund.

Mr. Madison reminded the CAC that the Future Capital Replacement and the Future Capital Improvements reserve funds have the surplus reserves that the District needs to do something about.

Robert Blank asked what the \$4.7 million net gain in 2016 was. Staff to respond by email.

Mr. Koorn explained that the Debt Service Coverage Ratio is simply Total Operating Revenue minus (–) Operating Expenses divided by (÷) Annual Debt Service Payments. The Elk Grove Water District is legally required to have 1.15x the amount of their debt service payment in revenue at any given point in time. The District currently has Net Operating Revenue at 1.69x the annual debt service payment.

Mr. Koorn presented information on purchased water, which is provided to Service Area 2 by the Sacramento County Water Authority (SCWA) and how it is a pretty significant component of the District's budget. Wholesale Water Rate increases are a big assumption in the rate study and is out of the District's control. The SCWA does not have adopted rate changes beyond 2018 at this point, so HDR Engineering has to assume a percentage for the rate study; they have used the SCWA's Annual Rate change of 2% that has been seen over the past (5) years.

Mr. Madison shared information regarding the Wholesale Water Agreement with the Sacramento County Water Authority. Mr. Madison explained how the agreement is structured in a way that favors Sacramento County.

Urban Water Management Plan (UWMP)

Mr. Koorn explained the Urban Water Management Plan, which is the District's plan, is based on information regarding revenue and customer growth. The District has historically seen a 1.7% annual growth over the last (10) year period.

Mr. Koorn explained that when looking into revenues and how they may change, there are (2) components that need to be looked at: Customer Growth and Consumption Growth.

Discussion occurred regarding the home size of properties within the boundaries of the EGWD in relation to consumption growth. The question of whether the lots are all "normal" size was asked. Mr. Madison explained that Service Area 1 has mostly "normal" size lots, while Service Area 2 has several different developments that have acre plus size properties.

Mr. Koorn reminded the CAC that Service Area 2 uses purchased water from the SCWA and that drives up costs for the District. The demand from Service Area 1 is constant, while Service Area 2 is where the District is seeing the demand increase.

Expenditures Escalation

Kevin Lorentzen, HDR Engineering Inc., provided background on CPI (Consumer Price Index) and how it is used to identify the appropriate rate of escalation. HDR Engineering Inc. used (3) numbers to get the CPI: U.S. City Average, West Urban (B/C) with population of 50,000 to 1,500,000, and the San-Francisco-Oakland-San Jose, Metropolitan Statistical Area.

Mr. Madison explained how the compilations of the (3) numbers above, which were chosen by the Board are used to get averages that are reasonable for the EGWD's Cost Of Living Adjustments (COLA).

A question was asked regarding the increase in expenses in 2016-2017 and staff will review this.

Discussion occurred on the increase and decline in expenses.

Mr. Lorentzen explained that medical care is an issue with most utility companies. Mr. Madison explained that the District has a cap of what they will contribute into Employee Medical Benefits and that the Board will revisit the medical cap in the near future.

Rate Study Assumptions

There was much discussion on the assumptions provided in the Rate Study. Among the discussion, Mr. Koorn inquired what assumptions should be looked at more. Mr. Blank suggested that all long-term costs (Benefits, Medical, Dental and Vision, Labor, Retirement, Workers Compensation, and OPEB) should be looked at further. Shahid Chaudhry, Assistant Director suggested HDR Engineering Inc. create (3) assumption numbers: low, normal, and high for the CAC and FRCD Board of Directors to review.

Mr. Blank asked the question of why the Holiday percentage increased over the (5) year period and staff will review.

More discussion regarding the Wholesale Water Agreement took place. Patrick Lee, Finance Manager will email a copy of the 1996 Wholesale Water Agreement, as well as the 2002 First Amended Wholesale Water Agreement to the CAC.

The question of whether the District could get supplemental water from a different source was discussed. Mr. Madison explained it could be done if the agreement was changed. Mr. Madison mentioned that Bruce Kamilos, Assistant General Manager is working with a group, Regional Water Authority as they create a Regional Water Reliability Plan, where water can be shuffled around to all the different agencies in the region to create more water and a groundwater bank.

Chairperson Tom Nelson commented his concern about CalPERS costs rising. The CAC commented that employees are being required to pay 6%, which Mr. Madison responded that the staff is already contributing the 6%.

Mr. Madison explained that we are almost fully funded (90%) for Other Post-Employment Benefits (OPEB). Mr. Nelson followed by mentioning that the District placed \$700,000 - \$800,000 in a separate account about 9 years ago for Retirement Medical costs.

Mr. Koorn explained the differences in how the fixed and variable billing components are derived in the model. The CAC questioned if they can view a rate study model with (3) levels: High, Medium, and Low.

Mr. Madison stated next month the Board will discuss the percentage between the fixed and variable components. Mr. Madison commented on his concern about flip flopping the percentage to a high variable, low fixed structure because in the case of a drought, the District would have to ask for emergency rate increases, which is highly controversial.

Private Fire Service Charge

Mr. Koorn explained what a private fire service charge is and provided rate comparisons between EGWD and other districts in the area.

Mr. Madison presented the question, should we have a private fire service charge at all? HDR Engineering is currently working with legal to determine if a water rate structure having separate charges for private fire services is more or less defensible than a rate study structure without.

Standby/Inactive Account Charges

Mr. Koorn explained that HDR Engineering is working with legal to determine if having a readiness/availability to serve charge is defensible in court.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary
AP/SP

Adjourn to next Community Advisory Committee Meeting: TBD

**FINANCE COMMITTEE MEETING MINUTES
OF THE FLORIN RESOURCE CONSERVATION DISTRICT/
ELK GROVE WATER DISTRICT**

Thursday, February 15, 2018

The Finance Committee Meeting of the Florin Resource Conservation District Board of Directors was called to order at 6:00 p.m. by Tom Nelson, Chairperson, at 9257 Elk Grove Blvd., Elk Grove, CA.

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

Directors Present: Bob Gray, Lisa Medina, Tom Nelson, Sophia Scherman, Jeanne Sabin
Directors Absent: None
Staff Present: Mark J. Madison, General Manager; Bruce Kamilos, Assistant General Manager; Stefani Phillips, Board Secretary; Patrick Lee; Finance Manager; Donella Murillo, Finance Supervisor; and Sarah Jones, Program Manager
Consultants Present: Shawn Koorn, HDR and Kevin Lorentzen, HDR

1. 2018-2022 Water Rate and Connection Fee Study

Shawn Koorn, HDR explained to the Board of Directors the purpose of the meeting was to review assumptions and drivers of the development of the rate study. He stated that he would share the overall feeling relayed by the Community Advisory Committee (CAC) who met prior.

Chairperson Tom Nelson commented he is concerned how the increased cost in construction and materials affect the Capital Improvement Program. Mr. Koorn replied that the Engineering News Record construction cost index is spiking at a 7-15% range. Construction costs will have to be evaluated accordingly.

General Manager Mark Madison stated that the District will have to allocate \$75,000 annually in additional funding to the Elections and Special Studies Reserve Fund because of increased election costs. He also mentioned if the FRCD and EGWD merge, 100% of the election cost will be burdened by the EGWD.

A brief discussion on spending down the reserves occurred. Vice-Chairperson Bob Gray expressed he feels strongly about not spending the reserve funds on anything that would not be a direct benefit to the rate-payers.

Mr. Madison mentioned that the Districts bond rating was reduced to B status because of the insureds status, unrelated to the District.

Mr. Koorn stated the CAC talked in great detail about potential District growth.

A discussion regarding growth and potential growth outside of the EGWD boundaries occurred. The analysis was performed using the Urban Water Management Plan (UWMP).

Mr. Madison explained that the UWMP was produced using information received from the City of Elk Grove Planning Department.

Mr. Lorentzen discussed the expenses that go into the assumptions.

A discussion on the volatile rate of growth in expenses between 2015 and 2017 occurred. Mr. Koorn explained that it could have to do with consultant costs and the fact that labor costs were capitalized. Mr. Nelson mentioned that in 2012, the District was using outside engineering services.

Mr. Gray mentioned the District can call Sacramento Municipal Utility District (SMUD) for future rate increases to help determine the increased costs for future years.

Mr. Madison explained the cap on Medical benefits as it relates to future costs. Mr. Nelson stated the Board needs to discuss the medical cap during the rate study.

Mr. Koorn discussed the Rate Study Assumptions. Mr. Nelson inquired if the Workers Compensation predictions were realistic. Staff will look into various costs as mentioned by the CAC. The CAC would like the consultants and staff to review labor, retirement, medical benefits, dental & Vision, Worker's Compensation, and OPEB.

Mr. Madison stated he was very concerned with retirement costs. HDR and staff will be reviewing the OPEB trend. Finance Manager Patrick Lee stated the OPEB should be 5% for the 2018 Rate Study, according to Nicolay Consulting's analysis.

Mr. Koorn stated he will be discussing Private Fire Service charges with General Counsel Ruthann Ziegler tomorrow to determine what is more defensible, continuing with Private Fire Service charges or having no Private Fire Service charge.

A discussion occurred regarding Private Fire Service. Mr. Madison explained how private fire service is for the commercial buildings and described how the connection of service is in relation to the main. Assistant General Manager Bruce Kamilos stated he will provide a drawing to demonstrate how the fire service connection works.

Mr. Madison informed the Board the CAC was in alignment to charge for Private Fire Service.

A discussion occurred regarding the use of hydrants as it relates to Private Fire Service.

Mr. Nelson commented if the District charges a fee, we should be able to defend the fee. Mr. Koorn stated there are several factors that go into the Private Fire Service fee that need to be considered, pipes, storage and capacity, pumps, hydrants and sprinklers. Approximately 5 to 15% of the infrastructure. Mr. Nelson commented that another thing to consider is the insurance rates for commercial buildings would be reduced due to the sprinkler systems.

Director Lisa Medina commented that maybe it would be a good idea to check with other water districts to see how they are charging for Private Fire Service.

Staff will bring back more information regarding Private Fire Service.

Mr. Madison discussed private wells. A discussion followed regarding charging for readily available water service. It was also discussed whether or not it is reasonable to assess a separate charge for public fire protection service.

Mr. Koorn stated he will pose the following question to legal counsel, “do we have a legal ground for charging a standby charge if the home is not connected. Also, what if the customer was once connected and then they disconnected”.

Mr. Madison commented there would possibly be three (3) meetings in the month of March. Special Meeting on March 7, the Regular Meeting on March 21, and a third Finance Committee Meeting, date to be determined.

Mr. Madison stated at the next Finance Committee Meeting, the following topics will be covered:

- Fixed/Variable split
- Surplus Reserve monies
- First look at the Water Rate Model
- Private Fire Service charges
- Final recommendation on charges to customers having readily available water service

Director Jeanne Sabin inquired if there was language in the ordinance for Private Fire Service that would prevent the customers from disconnecting or to prevent them from not paying the charges. Mr. Madison replied that staff will have to look at the language, but it would also compete with disconnection during shut-offs. Mr. Koorn commented “these are all legal questions.”

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary

Adjourn to next Finance Committee Meeting: date to be determined.

March 21, 2018

TO: Chairperson and Directors of the Florin Resource Conservation District

FROM: Mark J. Madison, General Manager

SUBJECT: **ELK GROVE WATER DISTRICT OPERATIONS REPORT – FEBRUARY 2018**

RECOMMENDATION

This item is presented for information only. No action by the Board 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 February. Other notable events are described below.

DISCUSSION

Background

Every month, staff presents an update of the activities related to the operations of the District. Included for the Board's review is the EGWD's February 2018 Operations Report.

Present Situation

The EGWD February 2018 Operations Report highlights are as follows:

- **Operations Activities Summary** – Notable items in the activities summary are that the District hung 314 door hangers for past due balances which resulted in 40 shutoffs. There was 2 water pressure complaints. Upon further inspection, no complaints were validated.
- **Production** – The Combined Total Service Area 1 production graph on page 13 shows that production during the month of February increased 22.33 percent compared to February 2017, and is 24.35 percent less than what was produced in 2013. The Total Demand/Production for both service areas on page 14 shows that

ELK GROVE WATER DISTRICT OPERATIONS REPORT – FEBRUARY 2018

Page 2

customer use during the month of February, compared to February 2013, was down by 17.12 percent.

- **Static and Pumping Level Graphs** – The first quarter soundings are shown and indicate that the static water levels in all wells since 2016.
- **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 the District's customers met or exceeded safe drinking water standards.
- **Preventative 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 February:
 - Staff identified an issue with the radio communication antenna at Well 1D School St. and made the proper adjustments.
 - Staff removed all appurtenances from the chemical storage shed at well #8 in preparation for the upcoming remodel.
- **Backflow Prevention Program 2018** – There were 40 notices issued for the month. From the initial testing notices 30 devices passed and 7 failed. All 7 have since been repaired and passed. There were 3 secondary notices issued, of which we have received 2 passing tests. There is a total of 1 outstanding device as of this month, which will require further investigation.
- **Safety Meetings/Training** – There were 3 safety training sessions conducted for the month.
- **Service Line Replacement Map** – The District installed 10 residential service lines in the month of February as part of the Service Line Replacement project.
- **Service and Main Leaks Map** – There was 1 service line leak reported for the month.

ELK GROVE WATER DISTRICT OPERATIONS REPORT – FEBRUARY 2018

Page 3

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. The EGWD Operations Report is a key document for managing the District's distribution and treatment system. The EGWD Operations Report assists the District 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

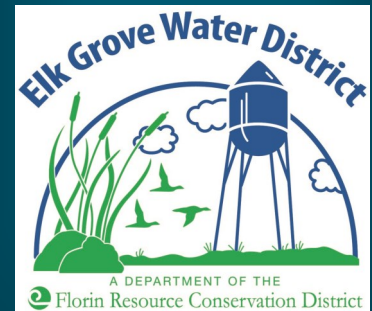
EGWD

OPERATIONS REPORT

February 2018



Elk
Grove
Water
District



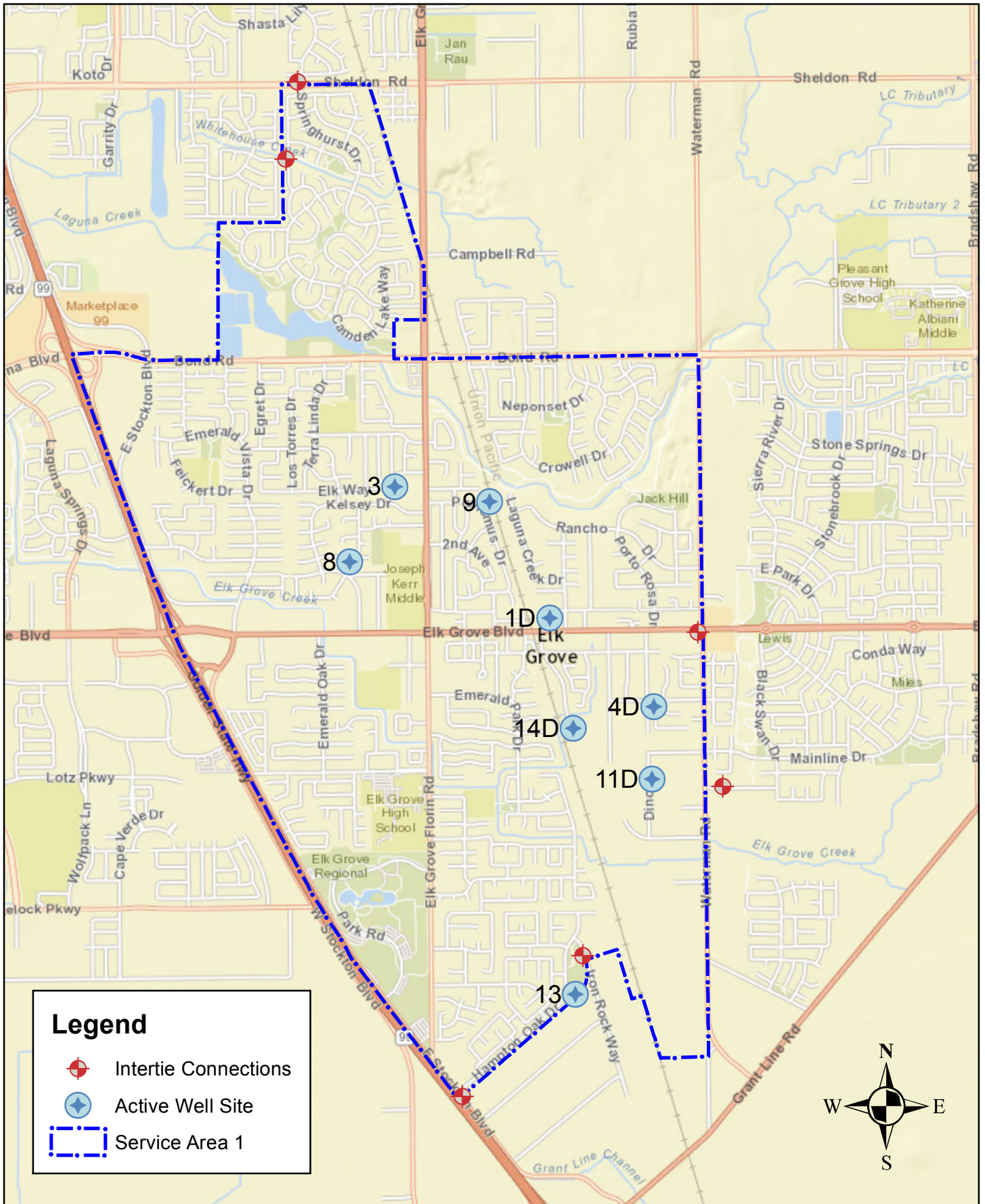
Elk Grove Water District
Operations Report
Table of Contents

1. Operations Activities Summary	3
2. Production	
a. Active Well Sites & Intertie Connections Map.....	4
b. Monthly Production Graphs	
i. Well 1D School Street.....	5
ii. Well 4D Webb Street	6
iii. Well 11D Dino	7
iv. Well 14D Railroad	8
v. Well 3 Mar-Val	9
vi. Well 8 Williamson	10
vii. Well 9 Polhemus	11
viii. Well 13 Hampton	12
c. Combined Total Production	13
d. Total Demand/Production	14
e. EGWD Water Usage	15
f. RWA Savings Summary	16
3. Static and Pumping Level Graphs	
a. Well 1D School Street	17
b. Well 4D Webb Street	18
c. Well 11D Dino	19
d. Well 14D Railroad	20
e. Well 3 Mar-Val	21
f. Well 8 Williamson	22
g. Well 9 Polhemus	23
h. Well 13 Hampton	24
4. Regulatory Compliance	
a. Monthly Water Sample Report	25-29
b. Monthly Compliance Report	30-31
c. Monthly Summary of Distribution System Coliform Monitoring	32-33
d. Monthly Summary of the Hampton Groundwater Treatment Plant	34-35
e. Monthly Summary of Distribution System Fluoridation Monitoring	36-37
5. Preventative Maintenance Program	
a. Ground Water Wells	38
b. Railroad Water Treatment and Storage Facility	39
c. Hampton Village Water Treatment Plant	40
d. Standby Generators	41
6. Backflow Prevention Program 2017.....	42
7. Safety Meetings/Training.....	43
8. Service Line Replacement Map.....	44
9. Service and Main Leaks Map.....	45
10. Sample Station Areas Map	46
11. Sample Station Area(s) Pressure Monitoring	47-56

Operations Activities Summary

<u>Service Requests:</u>	February-18		YTD (Since Jan. 1, 2018)	
<u>Department</u>	<u>Service Request</u>	<u>Hours</u>	<u>Service Request</u>	<u>Hours</u>
Distribution				
Door Hangers	314	19.75	1,228	64.25
Shut offs	40	0.25	134	22.75
Turn ons	47	1.5	154	20.25
Investigations	28	12.25	53	28.75
USA Locates	163	40.75	319	79.75
Customer Complaints				
-Pressure	2	1	2	1
-Water Quality	0	0	1	0.50
-Other	0	0	0	0

<u>Work Orders:</u>	February-18		YTD (Since Jan. 1, 2018)	
<u>Department</u>	<u>Work Orders</u>	<u>Hours</u>	<u>Work Orders</u>	<u>Hours</u>
Treatment:				
Preventative Maint.	17	30	36	88
Corrective Maint.	12	36	22	67
Water Samples	15	74	37	131
Distribution:				
Meters Installed	0	0	0	0
Meter Change Out	13	7	17	10.50
Preventative Maint.				
-Hydrant Maintenance (120 valves, 135 hydrants)	191	71	347	130.50
-Valve Exercising	182	48	305	91
-Other	0	0	0	0
Corrective Maint.				
-Leaks	1	9	4	55
-Other	34	63	47	137.50
Valve Locates	0	0	0	0
Utility:				
Service Line Replacement	10	187	30	358.60
Corrective Maint.	0	0	0	0



Active Well Sites & Intertie Connections

Elk Grove Water District



Elk Grove Water District

Monthly Production

Well 1D School -- Feb. 2018

Selected Month Production
13,810,834 Gallons

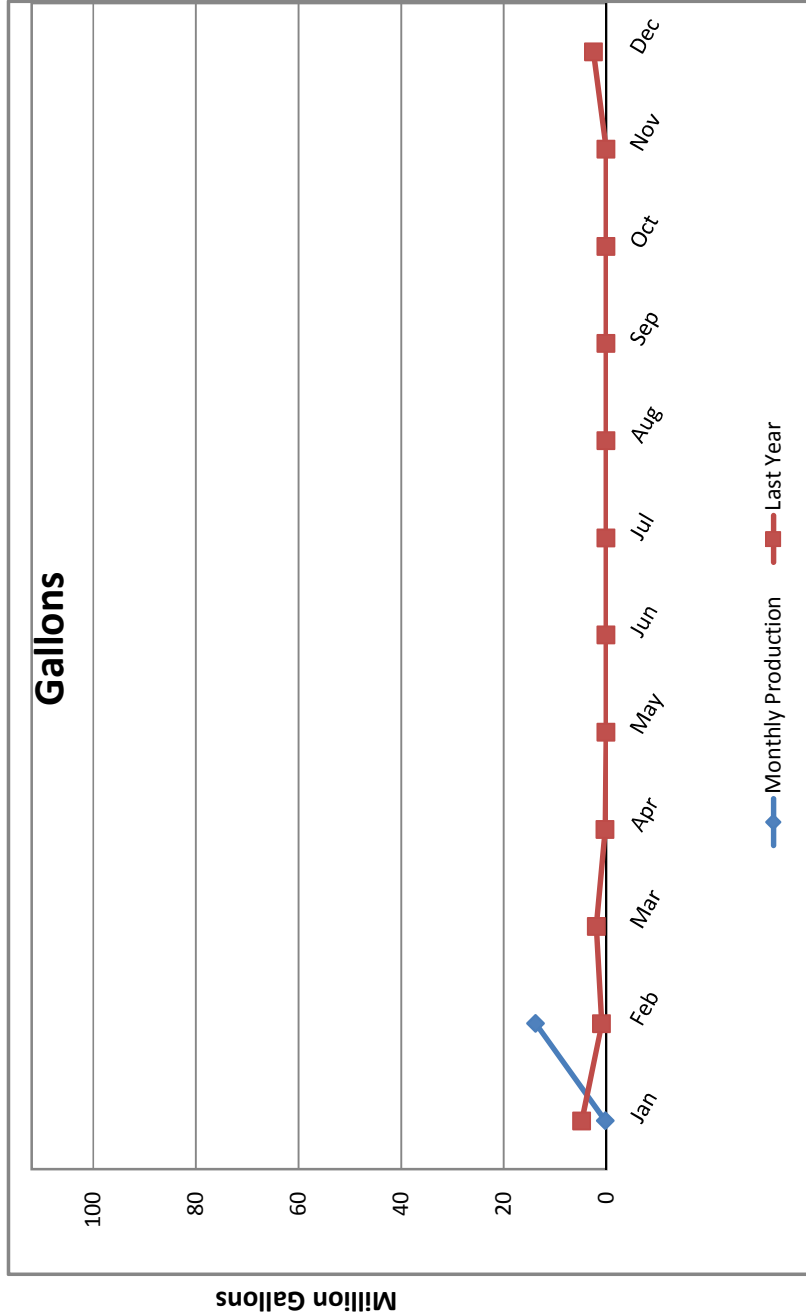
Average GPM:
1,850

Motor:
Volts: 473
Volts (Rated): 460
RPM: 1789
RPM (Rated): 2115
Amps A: 176
Amps A (Rated): 222
Amps B: 178
Amps B (Rated): 222
Amps C: 172
Amps C (Rated): 222

Motor Temp: 102.3 F
Hour Meter: 124.40
KW Hour Total: 15,760.00

Chlorine:
Dosing: 1.62 mg/L
Demand: 0.54 mg/L
Residual: 1.08 mg/L

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





Elk Grove Water District

Monthly Production

Well 4D Webb -- Feb. 2018

Selected Month Production
458,858 Gallons

Average GPM:
1,699

Motor:

Volts: 482
Volts (Rated): 460
RPM: 1610
RPM (Rated): 1775
Amps A: 189
Amps A (Rated): 225
Amps B: 188
Amps B (Rated): 225
Amps C: 188
Amps C (Rated): 225

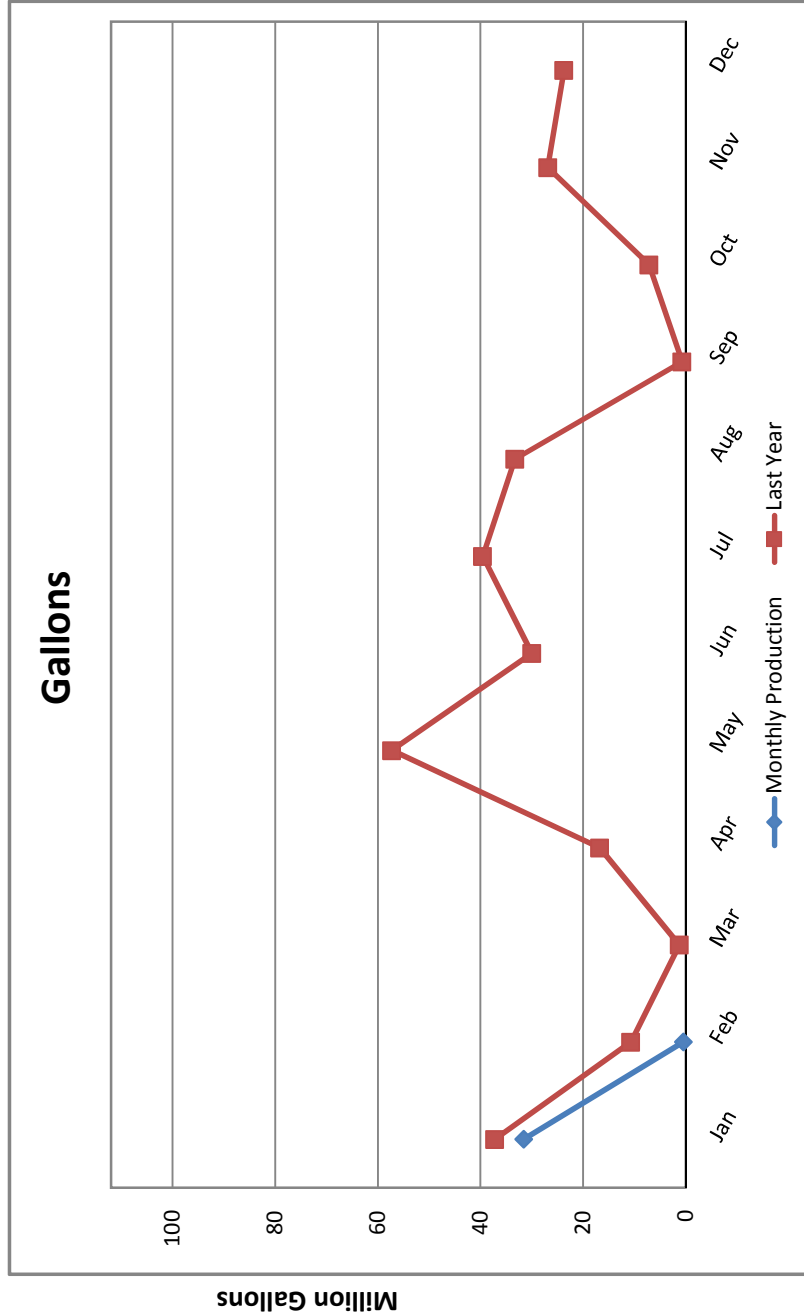
Motor Temp: 117.6 F
Hour Meter: 4.50
KW Hour Total: 3,000.00

Chlorine:

Dosing: 1.76 mg/L
Demand: 0.68 mg/L
Residual: 1.08 mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 11D Dino -- Feb. 2018

Selected Month Production
24,652,043 Gallons

Average GPM:
1,698

Motor:

Volts: 480
Volts (Rated): 460
RPM: 1650
RPM (Rated): 1775
Amps A: 180
Amps A (Rated): 225
Amps B: 180
Amps B (Rated): 225
Amps C: 192
Amps C (Rated): 225

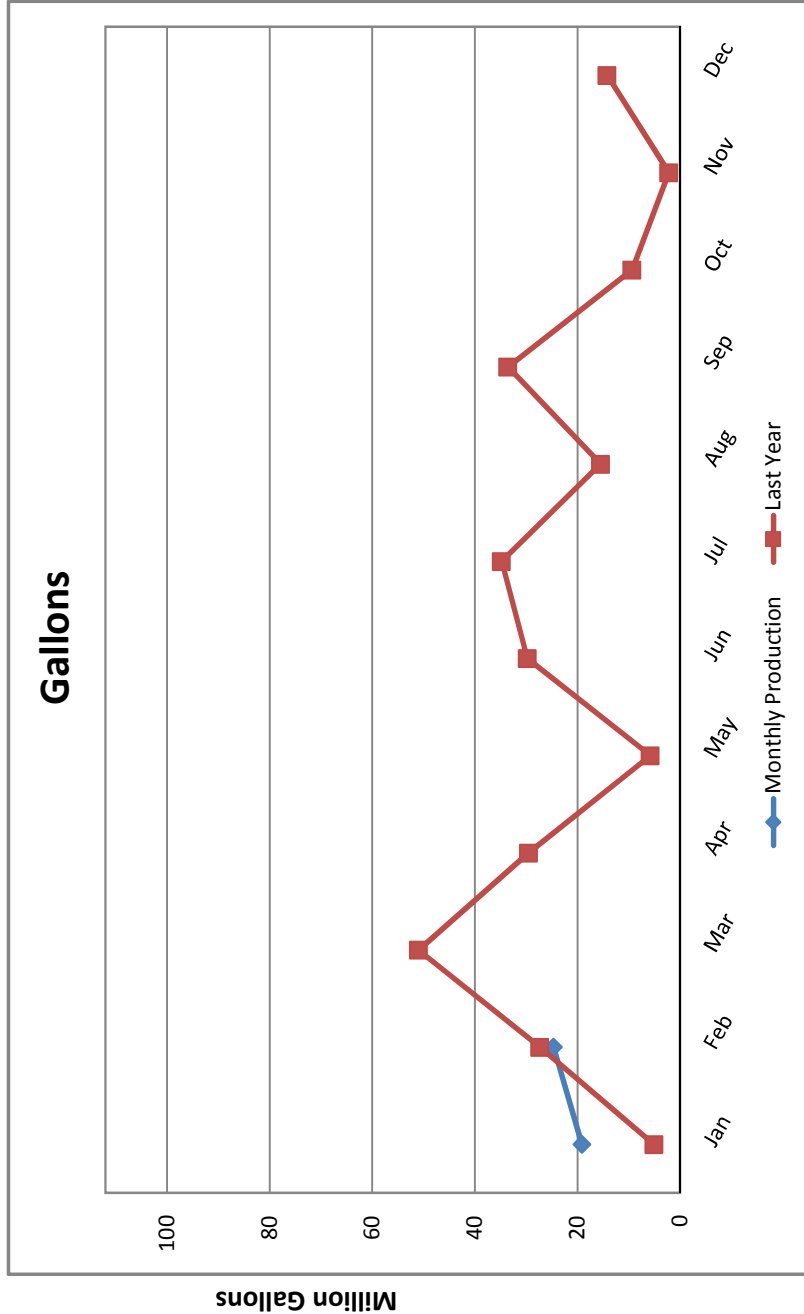
Motor Temp: 107.6 F
Hour Meter: 241.90
KW Hour Total: 30,600.00

Chlorine:

Dosing: 1.76 mg/L
Demand: 0.77 mg/L
Residual: 0.99 mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 14D Railroad -- Feb. 2018

Selected Month Production
12,581,841 Gallons

Average GPM:
1,672

Motor:

Volts: 481
 Volts (Rated): 460
 RPM: 1786
 RPM (Rated): 1785
 Amps A: 161
 Amps A (Rated): 171
 Amps B: 162
 Amps B (Rated): 171
 Amps C: 155
 Amps C (Rated): 171

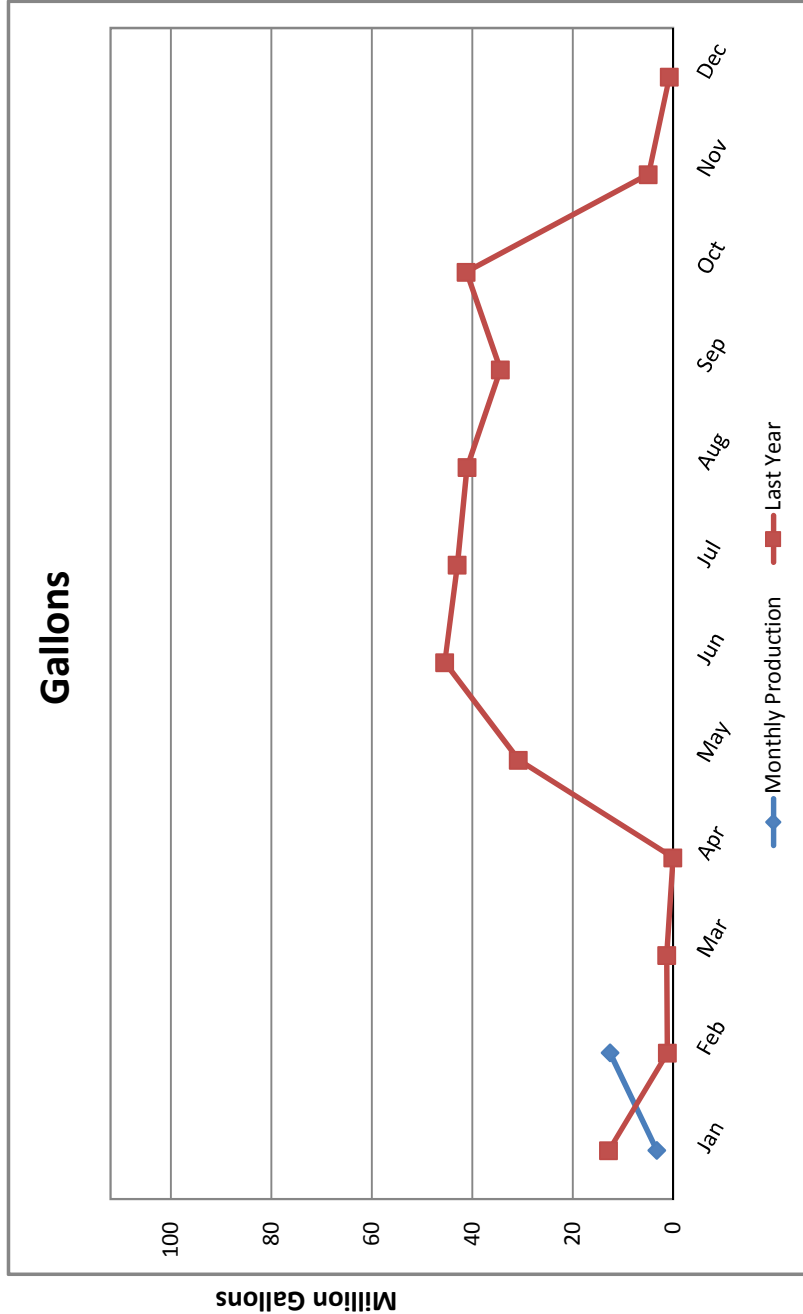
Motor Temp.: 107.6 F
 Hour Meter: 125.40
 KW Hour Total: 59,840.00
 (KWH total is for the entire facility)

Chlorine:

Dosing: 1.81 mg/L
 Demand: 0.73 mg/L
 Residual: 1.08 mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 3 Mar-Val -- Feb. 2018

Selected Month Production
38,000 Gallons

Average GPM: 904

Motor:

Volts: 481
 Volts (Rated): 460
 RPM: 1787
 RPM (Rated): 1983
 Amps A: 87
 Amps A (Rated): 88
 Amps B: 87
 Amps B (Rated): 88
 Amps C: 89
 Amps C (Rated): 88

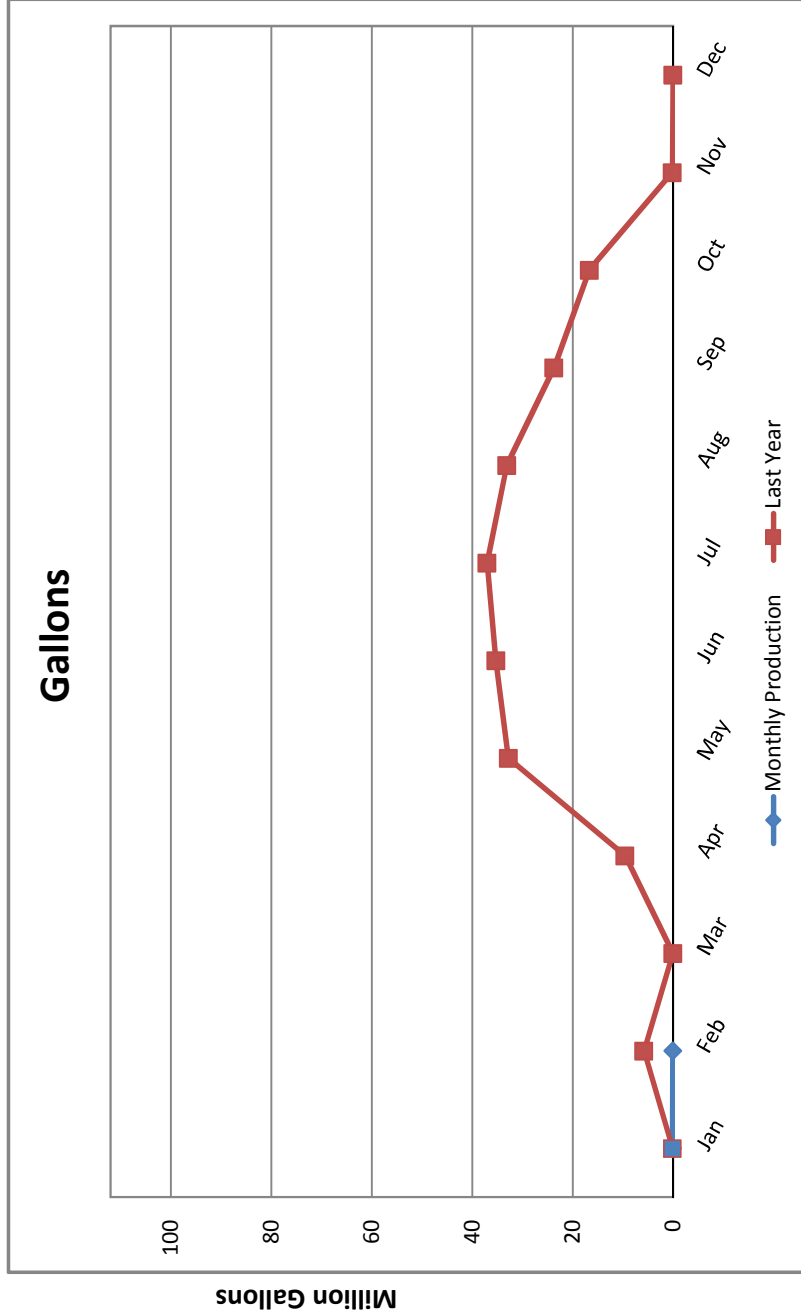
Motor Temp.: 146.1 F
 Hour Meter: 0.70
 KW Hour Total: 165.00

Chlorine:

Dosing: 1.03 mg/L
 Demand: 0.18 mg/L
 Residual: 0.85 mg/L

Vibration Reading:

Base Line: 0.02 in/sec
 Current: 0.08 in/sec





Elk Grove Water District

Monthly Production

Well 8 Williamson -- Feb. 2018
(Well Offline)

Selected Month Production
0 Gallons

Average GPM: 0

Motor:

Volts: --
Volts (Rated): 460
RPM: --
RPM (Rated): 1780
Amps A: --
Amps A (Rated): 87
Amps B: --
Amps B (Rated): 87
Amps C: --
Amps C (Rated): 87

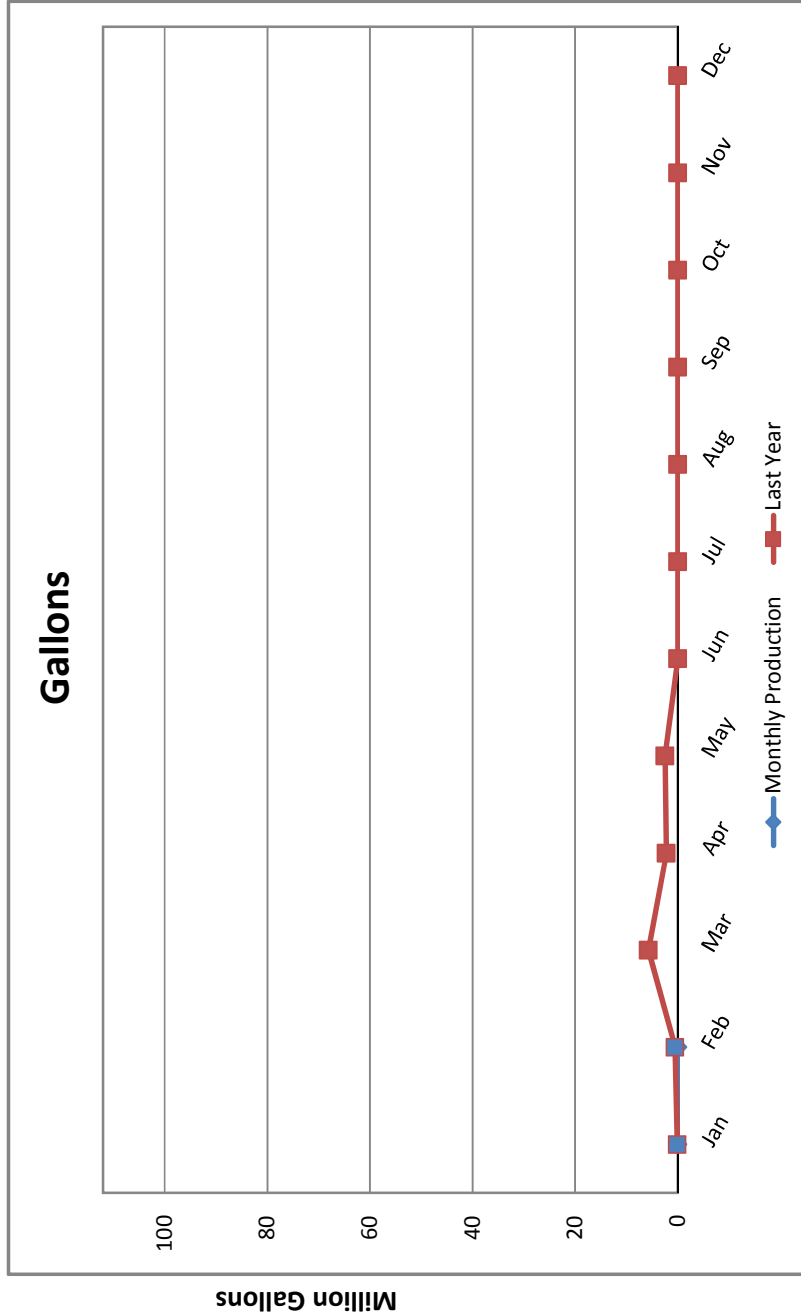
Motor Temp.: -- F
Hour Meter: 0.00
KW Hour Total: 0.00

Chlorine:

Dosing: --
Demand: --
Residual: --

Vibration Reading:

Base Line: 0.03 in/sec
Current: --





Elk Grove Water District

Monthly Production

Well 9 Polhemus -- Feb. 2018
(Submersible)

Selected Month Production
8,359,000 Gallons

Average GPM: 472

Motor:

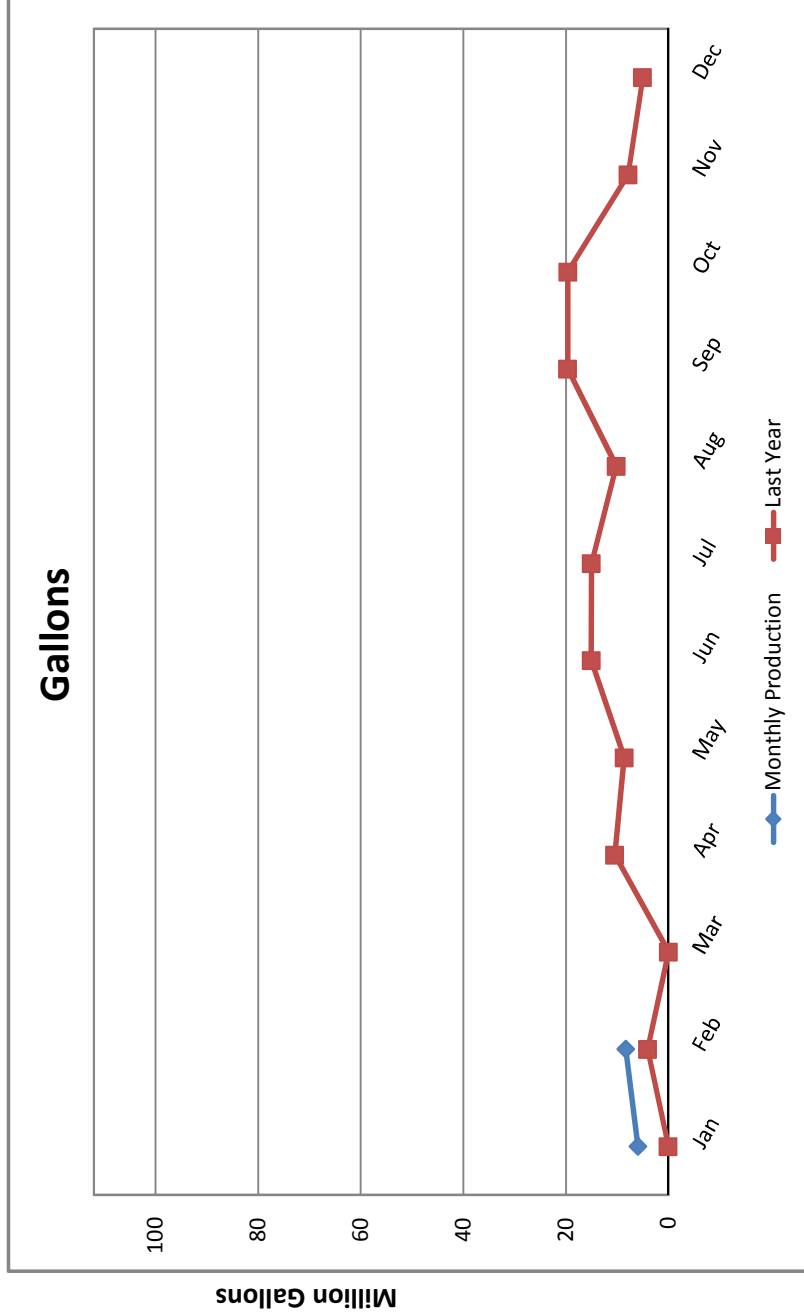
Volts: 484
Volts (Rated): 460

Amps A: 59
Amps A (Rated): 65
Amps B: 58
Amps B (Rated): 65
Amps C: 61
Amps C (Rated): 65

Hour Meter: 294.80 F
KW Hour Total: 11,677.00

Chlorine:

Dosing: 1.26 mg/L
Demand: 0.3 mg/L
Residual: 0.96 mg/L





Elk Grove Water District

Monthly Production

Well 13 Hampton -- Feb. 2018

Selected Month Production
1,658,274 Gallons

Average GPM: 949

Motor:

Volts: 480
 Volts (Rated): 460
 RPM: 1786
 RPM (Rated): 1785
 Amps A: 104
 Amps A (Rated): 141
 Amps B: 103
 Amps B (Rated): 141
 Amps C: 101
 Amps C (Rated): 141

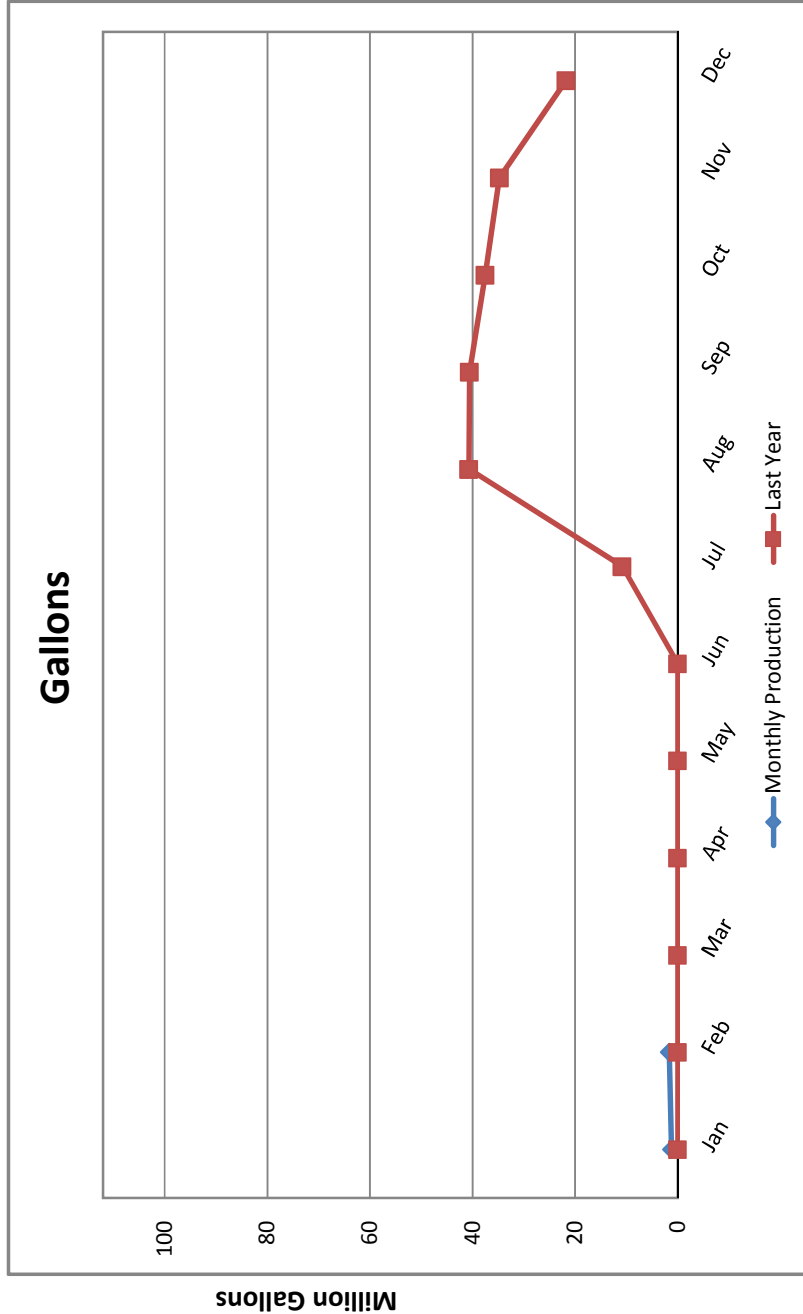
Motor Temp.: 110.1 F
 Hour Meter: 29.10
 KW Hour Total: 3,480.00

Chlorine:

Dosing: 1.54 mg/L
 Demand: 0.57 mg/L
 Residual: 0.97 mg/L

Vibration Reading:

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





Elk Grove Water District

Combined Total Production

Service Area 1

Feb-2018

Current Month Production:

61,558,850 Gallons

Highest Day Demand of the Month:

2,656,000

Date of Occurrence

26-Feb-18

Highest Day Demand of the Calendar Year:

6,464,302

Date of Occurrence

17-Jul-17

"Water Year" Rainfall: (Oct-17 to Sep-18)

Current Month: 0.56 in

Year To Date: 8.18 in

"Water Year" Rainfall: (Oct-16 to Sep-17)

February 2017: 8.25 in

Year To Date: 27.62 in

Last Year Total: 33.08 in

Temperature:

This Month High: 74 F

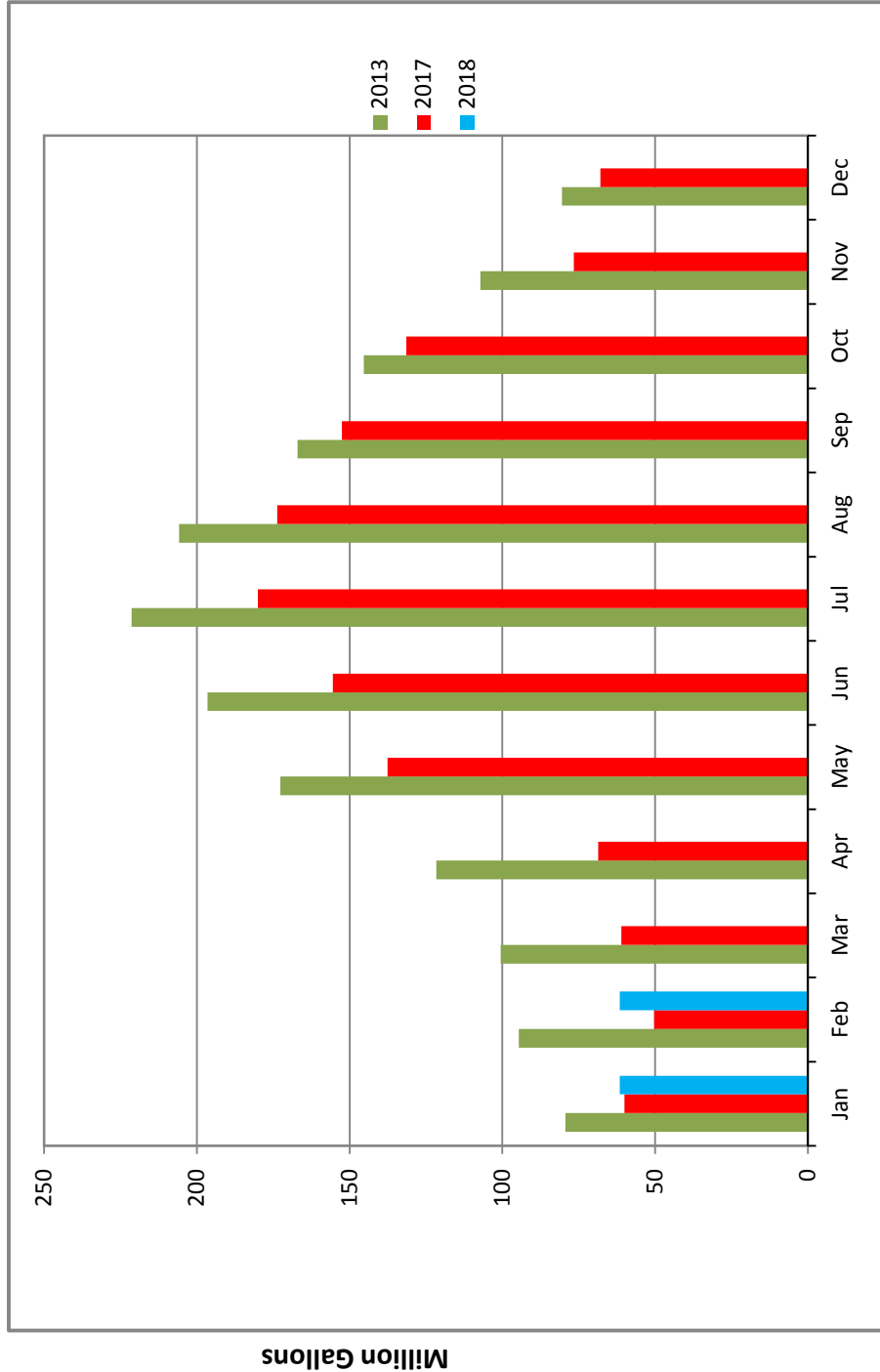
This Month Low: 29 F

This Month Average: 50.25 F

FEB-17 High: 67 F

FEB-17 Low: 31 F

FEB-17 Average: 52.2 F

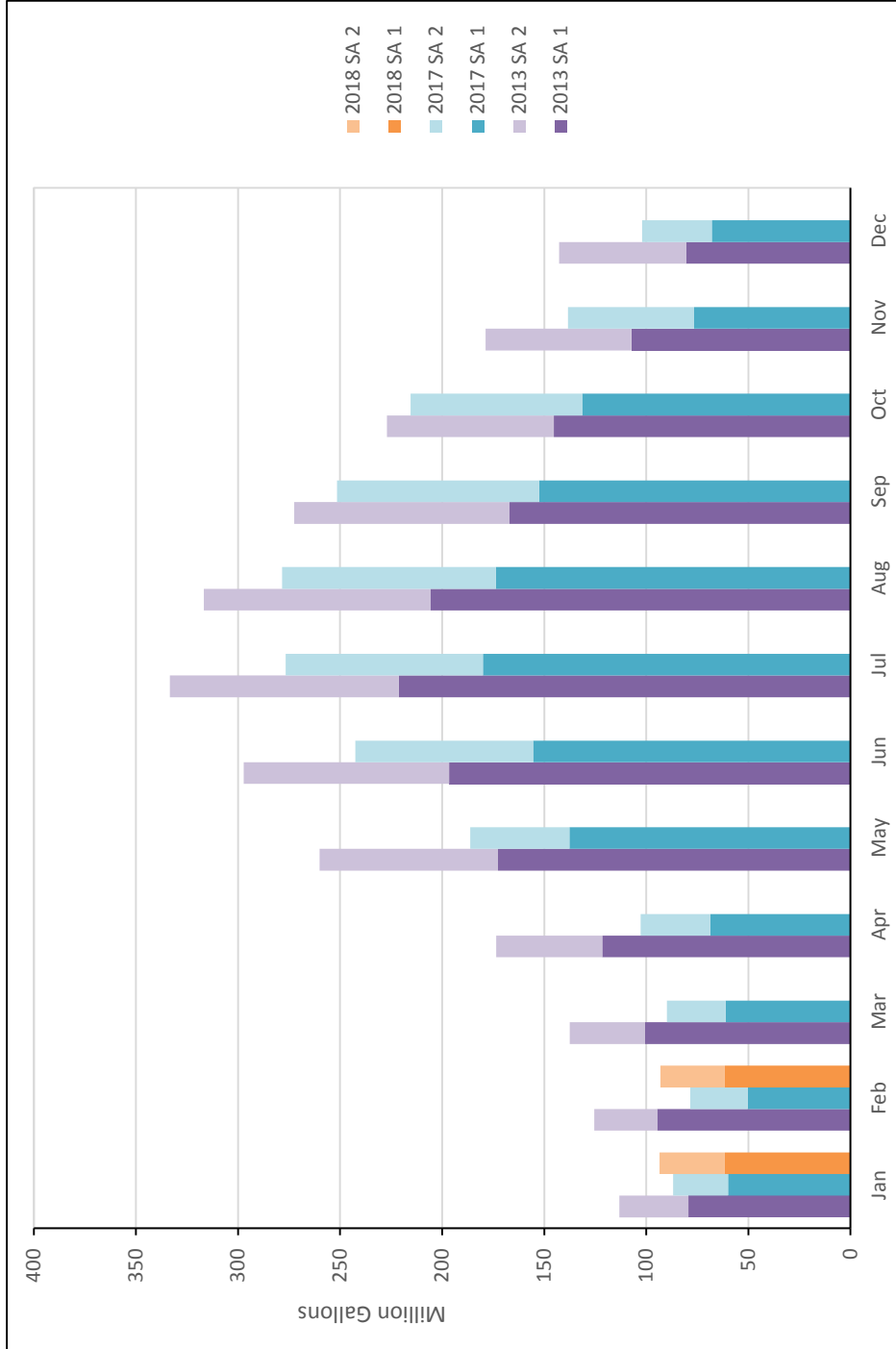




Elk Grove Water District

Total Demand/Production

Feb-2018



Current Month Demand/Production:
93,071,342 Gallons
Reduction From February 2013: 17.12%
GPCD: 74.2 Gallons per Day
R-GPCD: 61.6 Gallons per Day

Service Area 1
Active Connections: 7,910
Current Month Demand/Production:
61,558,850 Gallons
Reduction From February 2013: 24.35%
GPCD: 77.2 Gallons per Day
R-GPCD: 61.8 Gallons per Day

Service Area 2
Active Connections: 4,402
Current Month Demand/Production:
31,512,492 Gallons
Reduction From February 2013: -1.89%
GPCD: 69.0 Gallons per Day
R-GPCD: 61.4 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
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
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
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
2018	GW (SA1)	61,547,751	61,558,850										
	Purchased (SA2)	31,925,388	31,512,492										
	Total	93,473,139	93,071,342	0	0	0	0	0	0	0	0	0	0

% Reduction from 2013 8.38% 17.12% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%

*Notes

2013 January and February production numbers do not match actual 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	
2018	# Accts	CCF	Gallons
Jan	4,408	42,681	31,925,388
Feb	4,408	42,129	31,512,492
Mar			0
Apr			0
May			0
Jun			0
Jul			0
Aug			0
Sep			0
Oct			0
Nov			0
Dec			0

RWA Savings Summary January 2018

YEAR TO DATE REDUCTION BY VOLUME (Million Gallons)													
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
2018	6,471												6,471
2013	6,953												6,953
%	6.9%												6.9%

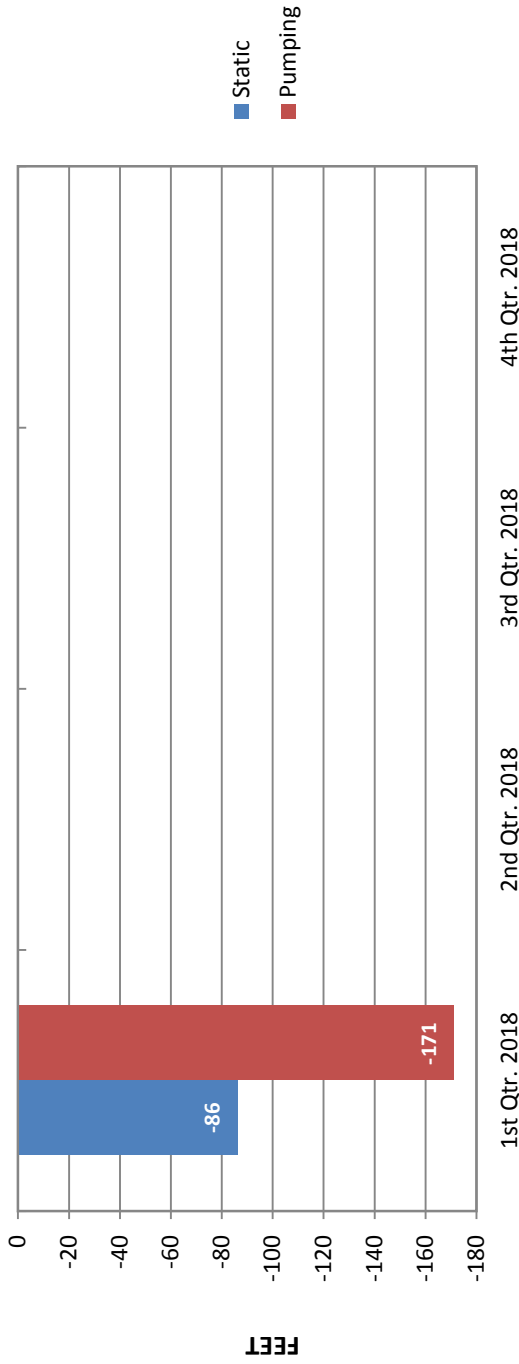
REDUCTION BY AGENCY (Data compared to 2013)		
Water Agency	Jan. 2018 Reduction	Annual to Date 2018 Reduction
California American Water	17.4%	17.4%
Carmichael Water District	7.6%	7.6%
Citrus Heights Water District	11.9%	11.9%
City of Davis	7.9%	7.9%
City of Folsom	4.7%	4.7%
City of Lincoln	5.0%	5.0%
City of Roseville	7.4%	7.4%
City of Sacramento	11.5%	11.5%
City of West Sacramento	11.0%	11.0%
City of Woodland	12.4%	12.4%
City of Yuba City	10.4%	10.4%
Del Paso Manor Water District	10.3%	10.3%
El Dorado Irrigation District	13.1%	13.1%
Elk Grove Water District	8.4%	8.4%
Fair Oaks Water District	14.5%	14.5%
Golden State Water Company	1.8%	1.8%
Orange Vale Water Company	13.1%	13.1%
Placer County Water Agency	-9.9%	-9.9%
Rancho Murieta CSD	4.8%	4.8%
Rio Linda/Elverta CWD	11.0%	11.0%
Sacramento County Water Agency	-25.2%	-25.2%
Sacramento Suburban WD	3.4%	3.4%
San Juan Water District	19.6%	19.6%
Average	7.5%	7.5%
Minimum	-25.2%	-25.2%
Maximum	19.6%	19.6%



Elk Grove Water District

Static and Pumping Levels

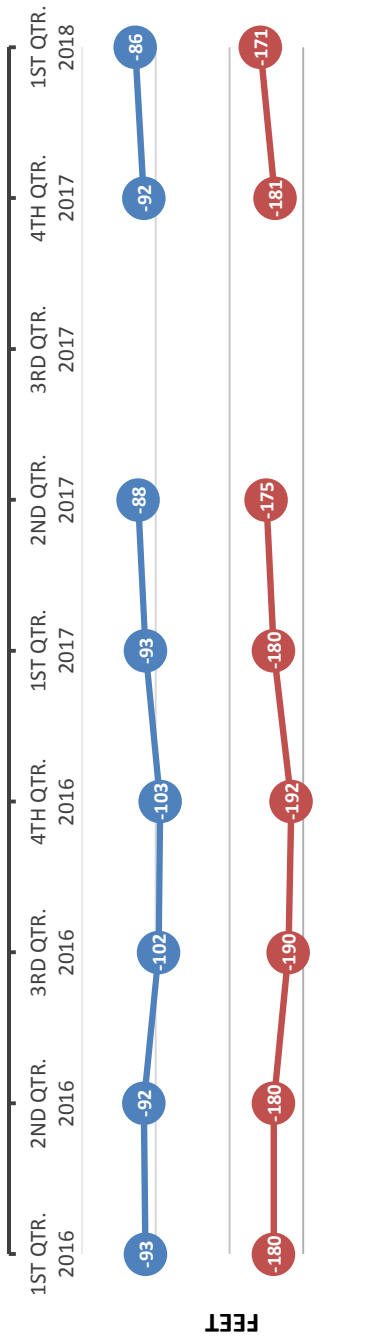
Well 1D School St



Latest Well Sounding

Static: 86 Ft
Pumping: 171 Ft
Drawdown: 85 Ft
GPM: 1,911
Specific Capacity: 22.482

Sounding Quarter/Year



Latest Sand Tester Results:

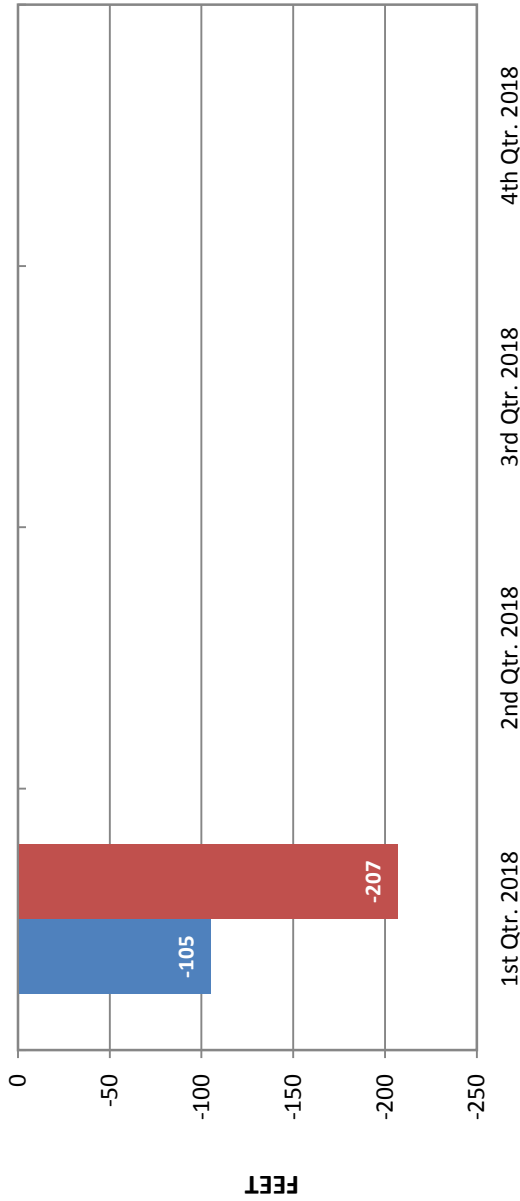
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 4D Webb St

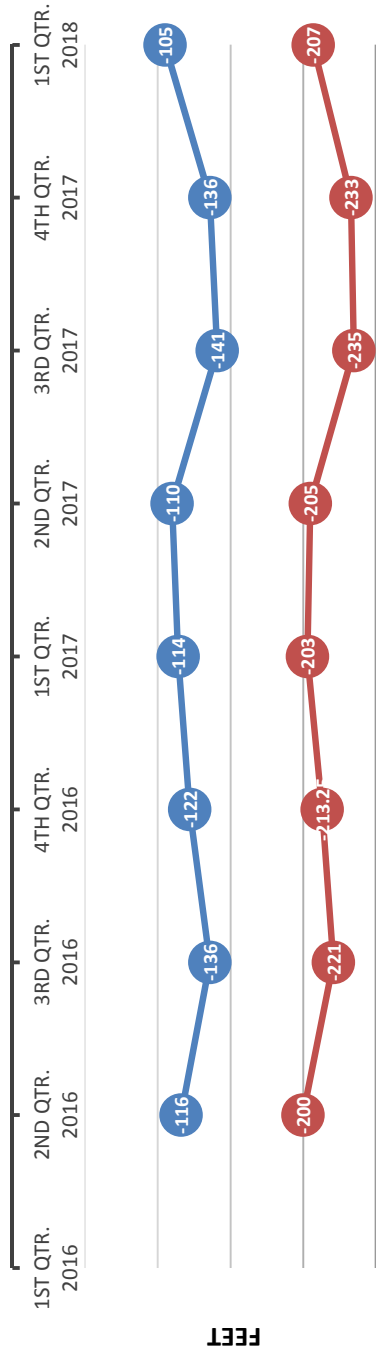


Latest Well Sounding

Static: 105 Ft
Pumping: 207 Ft
Drawdown: 102 Ft
GPM: 1,733.00
Specific Capacity: 16.990

■ Static
■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

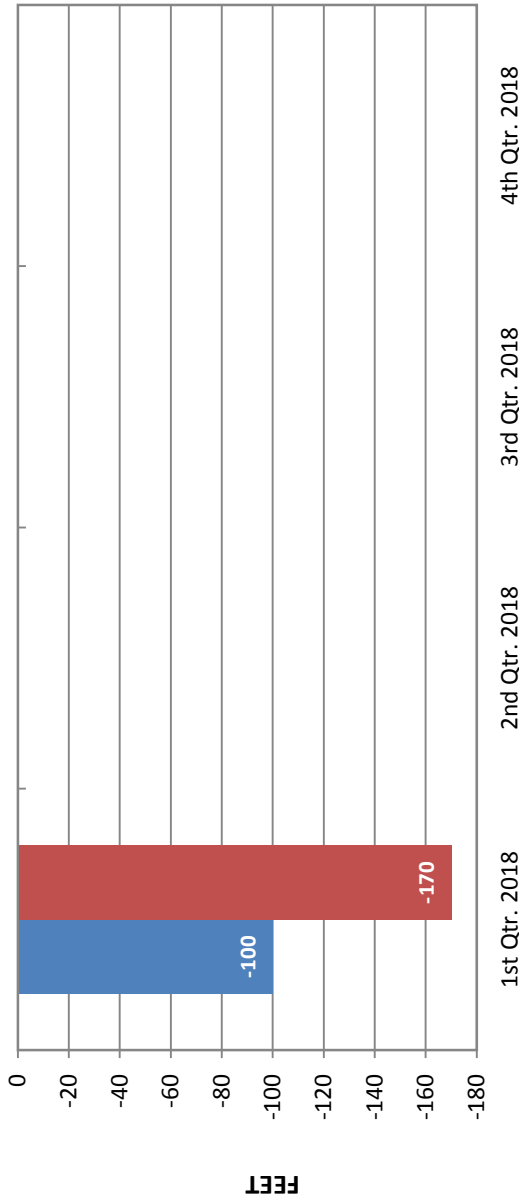
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 11D Dino

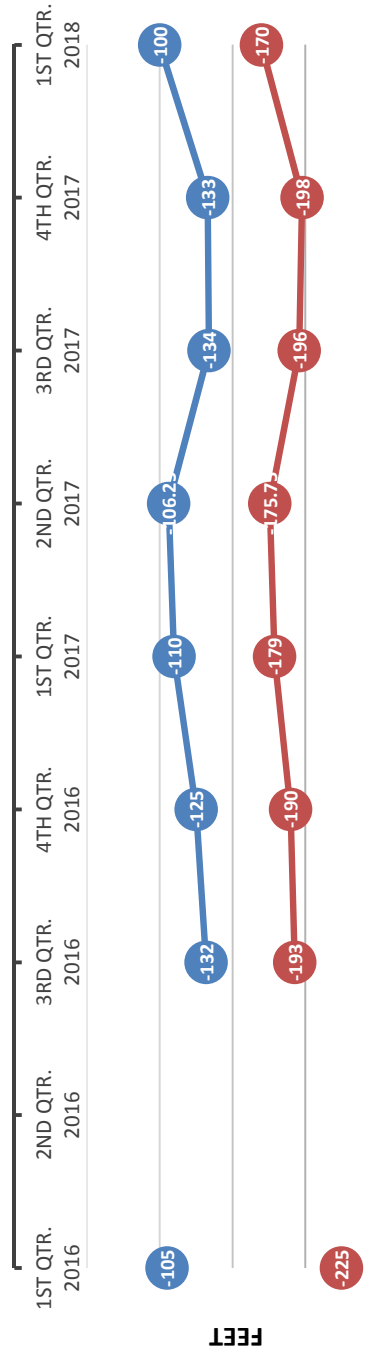


Latest Well Sounding

Static: 100 Ft
Pumping: 170 Ft
Drawdown: 70 Ft
GPM: 1,754.00
Specific Capacity: 25.057

■ Static
■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

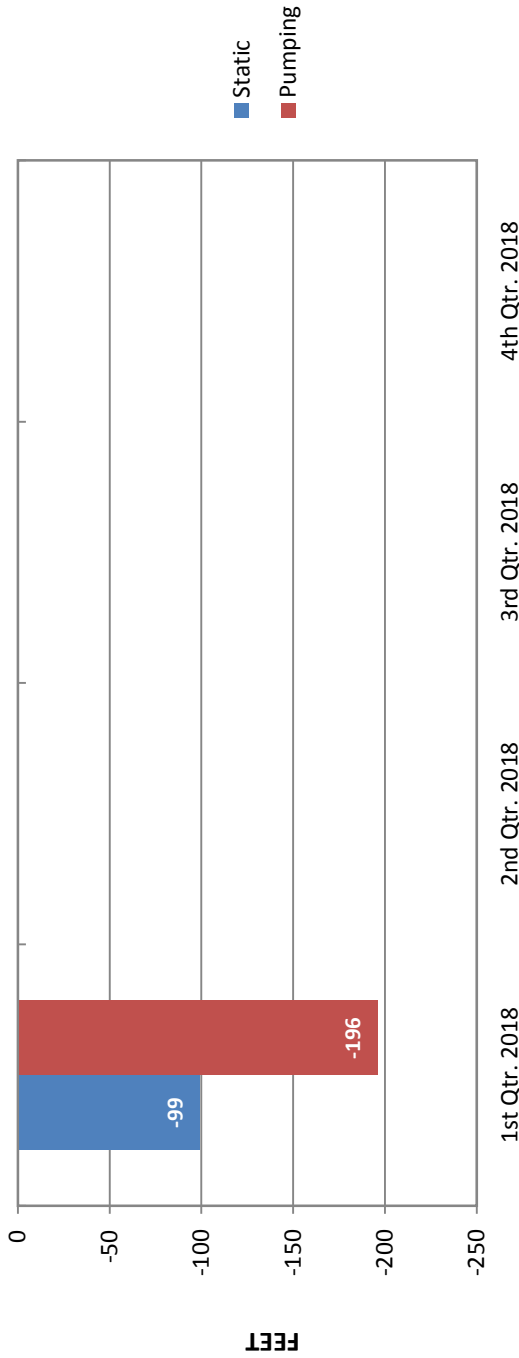
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 14D Railroad



Latest Well Sounding

Static: 99 Ft

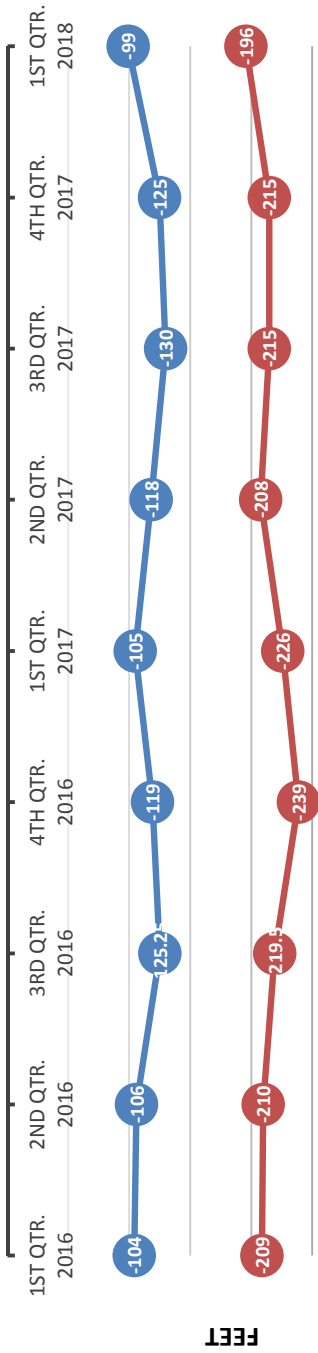
Pumping: 196 Ft

Drawdown: 97 Ft

GPM: 1,669.00

Specific Capacity: 17.206

Sounding Quarter/Year



Latest Sand Tester Results:

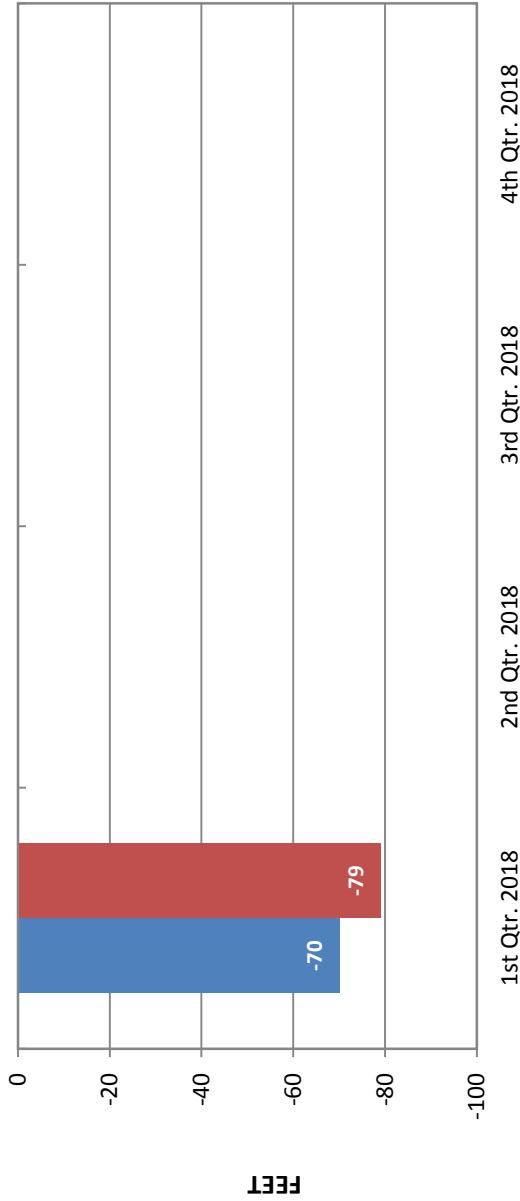
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

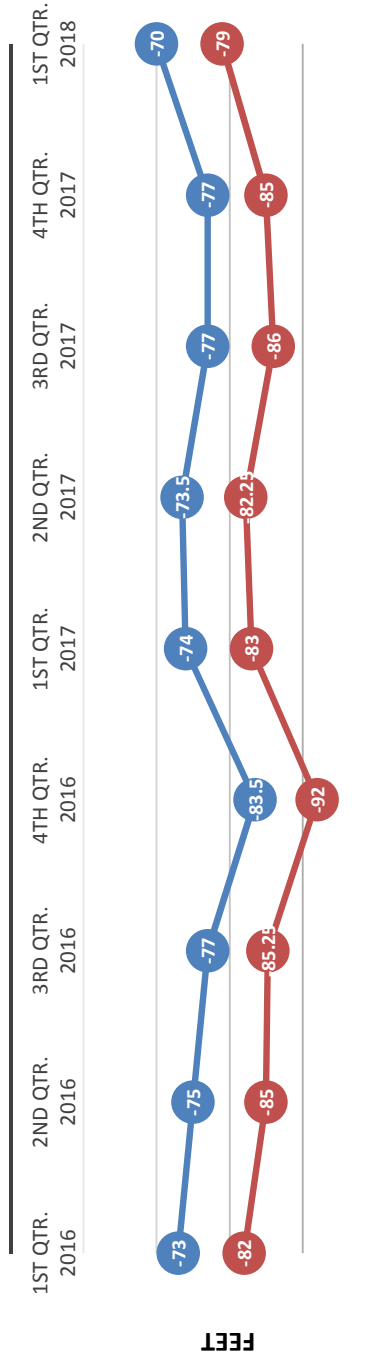
Well 3 Mar-Val



Latest Well Sounding

Static: 70 Ft
 Pumping: 79 Ft
 Drawdown: 9 Ft
 GPM: 810.00
 Specific Capacity: 90.000

Sounding Quarter/Year



Latest Sand Tester Results:

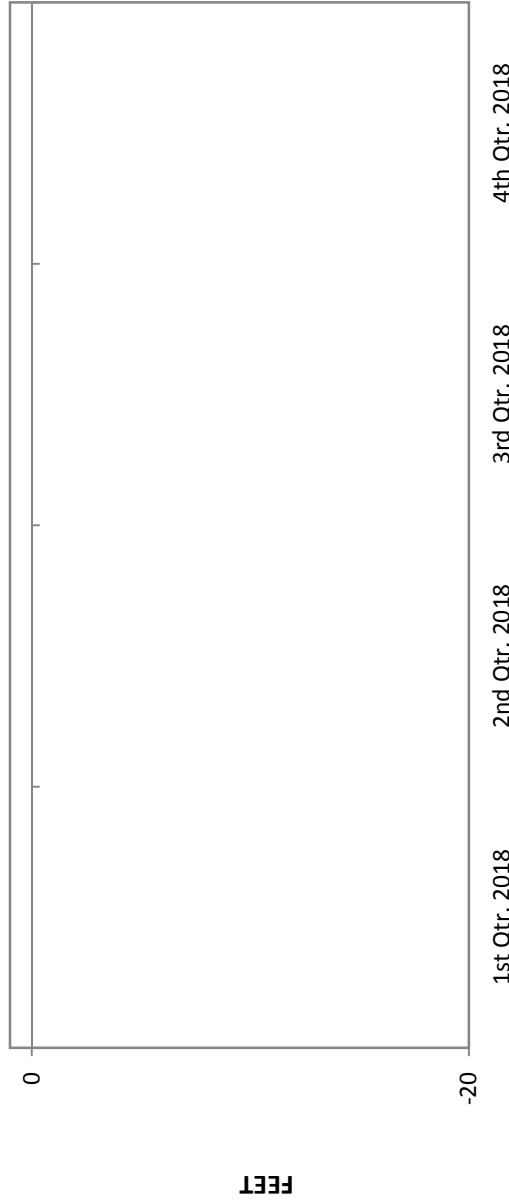
15 Min: 14.088 ppm



Elk Grove Water District

Static and Pumping Levels

Well 8 Williamson

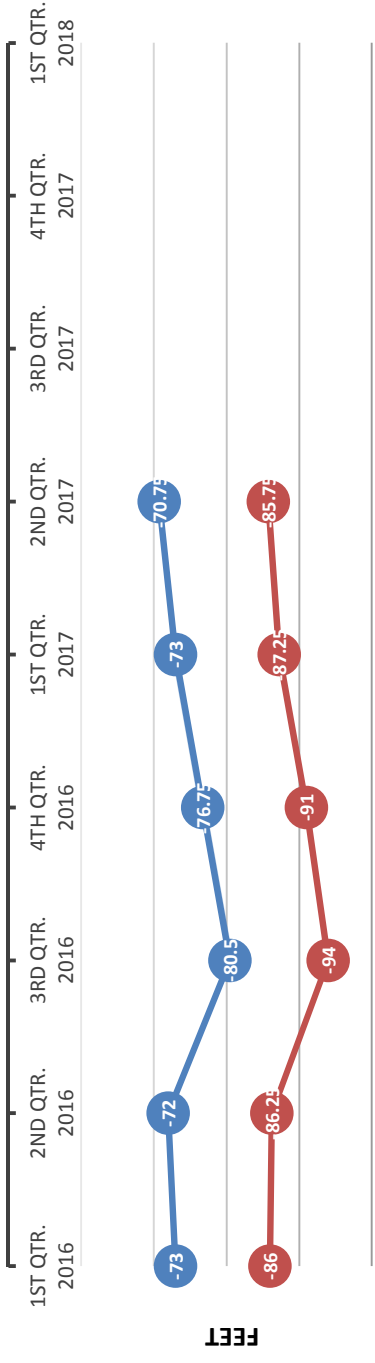


■ Static
■ Pumping

Latest Well Sounding

Static: 70.75 Ft
Pumping: 85.75 Ft
Drawdown: 15 Ft
GPM: 860.00
Specific Capacity: 57.333

Sounding Quarter/Year



Latest Sand Tester Results:

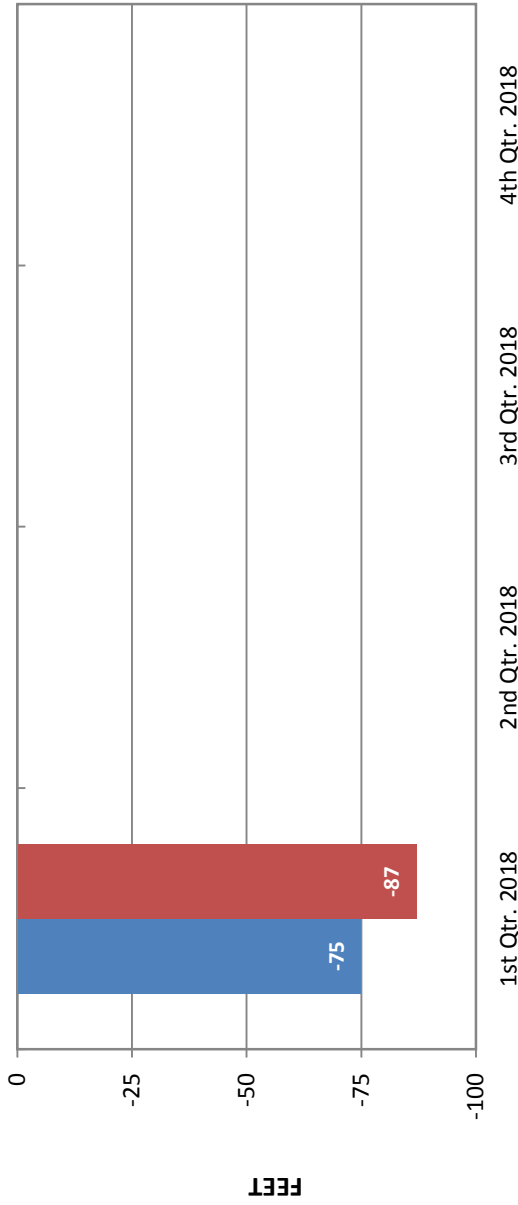
15 Min: 3.52 ppm



Elk Grove Water District

Static and Pumping Levels

Well 9 Polhemus

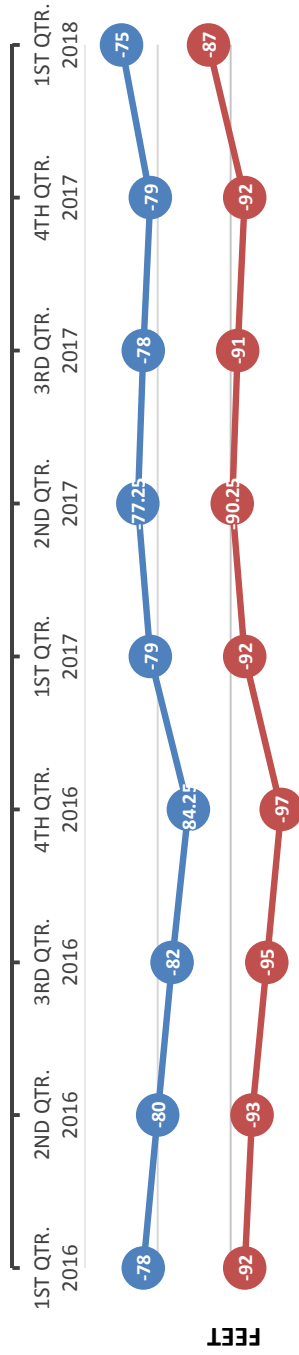


Latest Well Sounding

Static: 75 Ft
 Pumping: 87 Ft
 Drawdown: 12 Ft
 GPM: 480.00
 Specific Capacity: 40.000

■ Static
 ■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

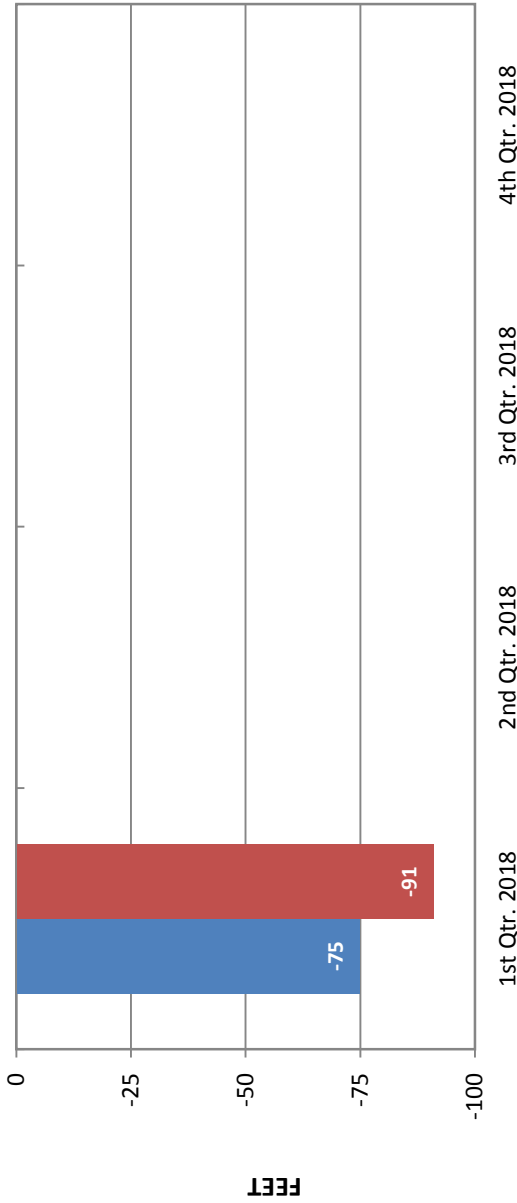
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

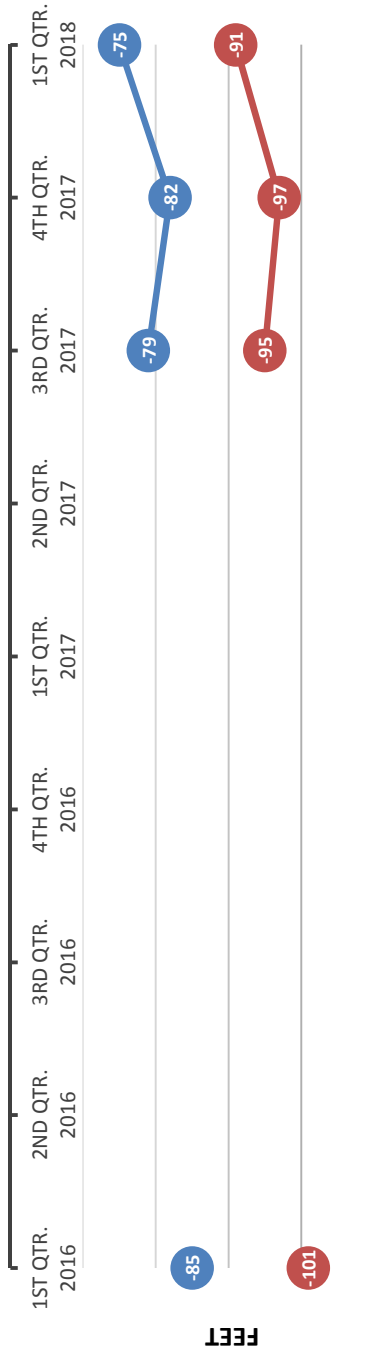
Well 13 Hampton



Latest Well Sounding

Static: 75 Ft
Pumping: 91 Ft
Drawdown: 16 Ft
GPM: 952
Specific Capacity: 59.500

Sounding Quarter/Year



Latest Sand Tester Results:

15 Min: < 5 ppm

**Monthly Sample Report - February 2018
Water System: Elk Grove Water System**

Sampling Point: 01 - 8693 W. Camden			
Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Distribution System	Bacteriological	Week
2/13/2018	Distribution System	Bacteriological	Week
2/20/2018	Distribution System	Bacteriological	Week
2/27/2018	Distribution System	Bacteriological	Week

Sampling Point: School Well 01D - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
2/20/2018	Source Water	Bacteriological	Quarterly
2/20/2018	Source Water	3 mo - Fe,Mn,As Total	Quarterly
2/20/2018	Source Water	3 mo - Fe,Mn,As Dissolved	Quarterly
2/20/2018	Source Water	3 mo - 1,2,3, TCP	Quarterly

Sampling Point: 02 - 9425 Emerald Vista			
Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Distribution System	Bacteriological	Week
2/13/2018	Distribution System	Bacteriological	Week
2/20/2018	Distribution System	Bacteriological	Week
2/27/2018	Distribution System	Bacteriological	Week

Sampling Point: - Mar-Val Well 3 Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence

Sampling Point: 03 - 8809 Valley Oak			
Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Distribution System	Bacteriological	Week
2/13/2018	Distribution System	Bacteriological	Week
2/20/2018	Distribution System	Bacteriological	Week
2/27/2018	Distribution System	Bacteriological	Week

Sampling Point: Webb Well 04D - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
Sampling Point: 04 - 10122 Glacier Point			
Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Distribution System	Bacteriological	Week
2/13/2018	Distribution System	Bacteriological	Week
2/20/2018	Distribution System	Bacteriological	Week
2/27/2018	Distribution System	Bacteriological	Week
Sampling Point: 05 - 9230 Amsden Ct.			
Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Distribution System	Bacteriological	Week
2/13/2018	Distribution System	Bacteriological	Week
2/20/2018	Distribution System	Bacteriological	Week
2/27/2018	Distribution System	Bacteriological	Week
Sampling Point: 06 - 9227 Rancho Dr.			
Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Distribution System	Bacteriological	Week
2/13/2018	Distribution System	Bacteriological	Week
2/20/2018	Distribution System	Bacteriological	Week
2/27/2018	Distribution System	Bacteriological	Week
Sampling Point: 07 - Al Gates Park Mainline Dr.			
Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Distribution System	Bacteriological	Week
2/13/2018	Distribution System	Bacteriological	Week
2/20/2018	Distribution System	Bacteriological	Week
2/27/2018	Distribution System	Bacteriological	Week
Sampling Point: - Williamson Well 8 Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence

Sampling Point: 09 - 9436 Hollow Springs Wy.

Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Distribution System	Bacteriological	Week
2/13/2018	Distribution System	Bacteriological	Week
2/20/2018	Distribution System	Bacteriological	Week
2/27/2018	Distribution System	Bacteriological	Week

Sampling Point: Polhemus Well 9 Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
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Sampling Point: 09 - 8417 Blackman Wy.

Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Distribution System	Bacteriological	Week
2/13/2018	Distribution System	Bacteriological	Week
2/20/2018	Distribution System	Bacteriological	Week
2/27/2018	Distribution System	Bacteriological	Week

Sampling Point: 10 - 9373 Oreo Ranch Cir.

Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Distribution System	Bacteriological	Week
2/13/2018	Distribution System	Bacteriological	Week
2/20/2018	Distribution System	Bacteriological	Week
2/27/2018	Distribution System	Bacteriological	Week

Sampling Point: Dino Well 11D - Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
2/13/2018	Source Water	Bacteriological	Quarterly
2/13/2018	Source Water	3 mo - Fe,Mn,As Total	Quarterly
2/13/2018	Source Water	3 mo - Fe,Mn,As Dissolved	Quarterly
2/13/2018	Source Water	3 mo - 1,2,3, TCP	Quarterly

Sampling Point: Hampton Well 13 - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Source Water	Fe, Mn, As, Total	Weekly
2/6/2018	Source Water	Bacteriological	Weekly
2/12/2018	Source Water	Fe, Mn, As, Total	Weekly
2/12/2018	Source Water	Bacteriological	Weekly
2/14/2018	Source Water	Fe, Mn, As, Total	Base Line for pH Testing
2/20/2018	Source Water	Fe, Mn, As, Total	Weekly
2/20/2018	Source Water	Bacteriological	Weekly
2/21/2018	Source Water	Fe, Mn, As, Total	Base Line for pH Testing
2/27/2018	Source Water	Bacteriological	Weekly
2/27/2018	Source Water	Fe, Mn, As, Total	Weekly

Sampling Point: Hampton WTP Effluent			
Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Treated Effluent	Fe, Mn, As, Total	Weekly
2/12/2018	Treated Effluent	Fe, Mn, As, Total	Weekly
2/20/2018	Treated Effluent	Fe, Mn, As, Total	Weekly
2/27/2018	Treated Effluent	Fe, Mn, As, Total	Weekly
2/12/2018	Treated Effluent	Fe, Mn, As, Total	pH Manipulation
2/14/2018	Treated Effluent	Fe, Mn, As, Total	pH Manipulation with Return Water
2/21/2018	Treated Effluent	Fe, Mn, As, Total	pH Manipulation

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

Sampling Point: Railroad Well 14D - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Source Water	Bacteriological	Quarterly
2/6/2018	Source Water	3 mo - Fe, Mn, As Total	Quarterly
2/6/2018	Source Water	3 mo - Fe, Mn, As Dissolved	Quarterly
2/6/2018	Source Water	3 mo - 1,2,3, TCP	Quarterly

Sampling Point: Railroad WTP Effluent

Sample Date	Sample Class	Sample Name	Collection Occurrence
2/6/2018	Treated Plant Effluent	WTP Eff - Fe, Mn, As, Al Total	Month
2/6/2018	Treated Plant Effluent	WTP Eff - Fe, Mn, As, Al Dissolved	Month

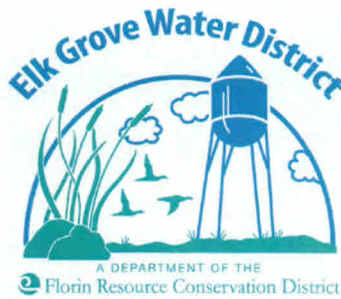
Sampling Point: Railroad WTP Backwash Tank

Sample Date	Sample Class	Sample Name	Collection Occurrence
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Sampling Point: Special Distribution/Construction Samples

Sample Date	Sample Class	Sample Name	Collection Description
2/6/2018	Process Water	Bacteriological	Filter Media Change Out F-5
2/6/2018	Process Water	Bacteriological	Filter Media Change Out F-6
2/12/2018	Distribution System	Bacteriological	Kent St Main Installation

<u>Colors</u>	<u>Monthly Total</u>	<u>Yearly Total</u>
Black = Scheduled	62	142
Green = Unscheduled	12	18
Red = Incomplete Sample	0	0



March 7, 2018

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 February 2018.

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

COMPLIANCE REPORT FORM

Attn: Neal Stallions	E-mail: stallionsn@sacsewer.com	Wastewater Source Control Section
Phone (916) 875-6656		Fax (916) 875-6374
From: Steve Shaw		
Company: Elk Grove Water District		Permit # WTP010

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

Month:	February	Year:	2018
---------------	-----------------	--------------	-------------

Water use/flow meter report
 Hampton WTP – 63886
 Railroad WTP – 93604

	Date	Time	pH
Hampton WTP			
Railroad WTP			

Monitoring results/analytical report

Discharge Rate

Check the statement below that applies to this report:

- Based on a review of this facility's flow data, discharge rate limit was exceeded.
 I certify that this facility is in compliance with the discharge rate limit.

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

Flow monitoring equipment certification (Flow or pH meter, etc.)

Other (describe):

Domestic Calculation

Domestic Usage	Number of Employees	Business Days per Month	Allowance (gallons per day)	Gallons
Production	3	17	15	765
Office	4	17	10	980
Drivers/Field	19	17	3	969
Total				2714

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:

3-7-2018



March 5, 2018

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

MONTHLY SUMMARY OF DISTRIBUTION SYSTEM COLIFORM MONITORING

Enclosed is the Monthly Summary of Distribution System Coliform Monitoring report from Elk Grove Water District for February 2018.

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

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

STEVE SHAW
WATER TREATMENT SUPERVISOR

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

System Name <p style="text-align: center; font-size: 1.2em;">Elk Grove Water District</p>	System Number <p style="text-align: center; font-size: 1.2em;">3410008</p>
Sampling Period <p style="text-align: center; font-size: 1.2em; color: blue;">February</p>	Year <p style="text-align: center; font-size: 1.2em;">2018</p>

	Number Required	Number Collected	Number Total Coliform Positives	Number E.coli Positives
1. Routine Samples (see note 1)	40	40	0	0
2. Repeat Samples following samples that are Total Coliform Positive and <i>E. coli</i> Negative (see notes 10 and 11)		0	0	0
3. Repeat Samples following Routine Samples that are Total Coliform Positive and <i>E. coli</i> Positive (see notes 10 and 11)		0	0	0
4. Treatment Technique (TT)/MCL Violation Computation for Total Coliform/ <i>E. coli</i> Positive Samples				
a. Totals (sum of columns)	0	0	0	0
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100] =	0	%		
c. Did the system trigger... a Level 2 Assessment TT? (see notes 2, 3, 4, 5 and 6 for trigger info) <i>If a Level 2 Assessment is triggered, see note 8 below.</i>			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
a Level 1 Assessment TT? (see note 7 for trigger info) <i>If a Level 1 Assessment is triggered, see note 9 below.</i>			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
5. Triggered Source Samples per Groundwater Rule (see notes 12 and 13)		0	0	0
6. Invalidated Samples (Note what samples, if any, were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)				
7. Summary Completed By: Steve Shaw				
Signature	Title	Date		
	Water Treatment Supervisor	3/5/2018		

NOTES AND INSTRUCTIONS:

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



March 7, 2018

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 February 2018.

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

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

STEVE SHAW
WATER TREATMENT SUPERVISOR

Elk Grove Water District

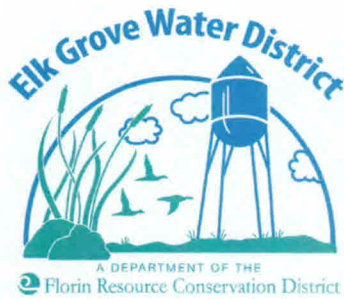
Hampton GWTP Monthly Report

PWS Number 3410008-013
 GWTP Name Hampton Water Treatment Plant

Month: February-18

Date	Meter Reading	Production	Backwash Meter	Reclaim Water	Weekly In-House Monitoring (mg/L) R (Raw) T (Treated) As (ug/L)							Weekly Average			
					Date	Fe, R	Fe, T	Mn, R	Mn, T	As, R	As, T	Inf. pH	Eff. pH		
last day	302966394		3837703	0											
1	302987186	20792	3841275	0	2/6/2018	0.013	0.082	0.015	0.014	10	2	Week 1: 6.9	to 8.0		
2	302987186	0	3841275	0	2/12/2018	0.007	0.005	0.014	0.017	10	2	Week 1: 0.54			
3	302987186	0	3841275	0	2/20/2018	0	0.011	0.018	0	10	1.5	Week 2: 6.8	to 7.9		
4	302987186	0	3841275	0	2/27/2018	0.017	0.003	0	0	10	4	Week 2: 0.66			
5	302987186	0	3841275	0								Week 3: 7.0	to 8.1		
6	302987186	0	3841275	0								Week 3: 0.49			
7	303145620	158434	3841275	0	Total Gallons Sodium Hypochlorite: 14.67 Gal							Week 4: 6.9	to 7.5		
8	303145620	0	3841275	0	Pounds per day 0.592 Lbs/Day							Week 4: 0.74			
9	303145620	0	3841275	0	Dosage (Milligrams Per Liter @ 12.5% Cl) 1.8 mg/L							Week 5: Cl2			
10	303145620	0	3841275	0											
11	303145620	0	3841275	0	Total Gallons Ferric Chloride: 10.4 Gal										
12	303145620	0	3841275	0	Dosage (Milligrams Per Liter @ 38% FeCl) .65mg/L										
13	303514310	368690	3852018	0											
14	303514310	0	3852018	0	Total Gallons Sodium Hydroxide: 14.67 Gal										
15	303748573	234263	3862801	3085	Dosage (Gallons Per Hour @ 25% NaOH) 0.48 Gal/Hr										
16	304029887	281314	3873670	0											
17	304029887	0	3873670	0	Total Gallons Sulfuric Acid : 9.7 Gal										
18	304029887	0	3873670	0	Dose (Gallons Per Hour @ 93%) 0.33 Gal/Hr										
19	304029887	0	3873670	0											
20	304135767	105880	3873670	0	Total Backwashed 57541 Gal							Total Reclaim 3085 Gal			
21	304257432	121665	3884483	0	Total Water Pumped 1658274 Gal							Total Water Treated 1661359 Gal			
22	304448634	191202	3884483	0											
23	304448634	0	3884483	0											
24	304448634	0	3884483	0	Reporting Limits/Units							Maximum Contaminant Levels (MCLs)			
25	304448634	0	3884483	0	Iron (Fe) = 0.100 mg/L							Iron (Fe) = 0.300 mg/L (Secondary)			
26	304448634	0	3884483	0	Manganese = 0.010 mg/L							Manganese (Mn) = 0.050 mg/L (Secondary)			
27	304448634	0	3884483	0	Arsenic = 1.0 µg/L							Arsenic (As) = 10 µg/L (Primary)			
28	304624668	176034	3895244	0											
29				0											
30				0											
31				0											
Total		1658274	57,541	3085											

Prepared By: Steve Shaw Date: 3/6/2018



March 6, 2018

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

MONTHLY SUMMARY OF DISTRIBUTION SYSTEM FLUORIDATION MONITORING

Enclosed is the Monthly Summary of Distribution System Fluoridation Monitoring report from Elk Grove Water District for February 2018.

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

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

STEVE SHAW
WATER TREATMENT SUPERVISOR

Elk Grove Water District Area 2

DISTRIBUTION SYSTEM

MONTHLY FLUORIDATION MONITORING REPORT

Water System Name: Elk Grove Water District System Number: 3410008

Contact Name: Steve Shaw Telephone: (916) 585-9386

Month/Year: February 2018

Week	Location of samples taken*	Monitoring Results (mg/L)		
		Date	Time	Result
1	Hollow Springs	2-6-18	9:25	.56
1	Al Gates Park	2-6-18	9:42	.52
1	Oreo Ranch	2-6-18	9:57	.56
1	Blackman	2-6-18	11:41	.57
2	Hollow Springs	2-13-18	9:07	.60
2	Al Gates Park	2-13-18	9:24	.54
2	Oreo Ranch	2-13-18	9:50	.57
2	Blackman	2-13-18	10:47	.52
3	Hollow Springs	2-20-18	9:44	.55
3	Al Gates Park	2-20-18	10:12	.55
3	Oreo Ranch	2-20-18	10:35	.50
3	Blackman	2-20-18	12:45	.60
4	Hollow Springs	2-27-18	8:53	.56
4	Al Gates Park	2-27-18	9:10	.50
4	Oreo Ranch	2-27-18	9:27	.54
4	Blackman	2-27-18	12:00	.62
5	Hollow Springs			
5	Al Gates Park			
5	Oreo Ranch			
5	Blackman			

Monthly fluoride split sample results:

Date: 2-6-2018

Water system personnel: .56 mg/L

Approved laboratory: .69 mg/L

*Samples must be taken pursuant to approved sampling plan

Elk Grove Water District

Preventative Maintenance Program

Groundwater Wells

Monthly													Semi-annual			Annual					
													Refer: 1ST 6-MO. 2ND 6-MO.			Refer: 2018					
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC									
Well 14D Railroad	Initials	WQ	WQ															Sect: 7.1	Sect: 7.2	Sect: 7.3	
	Date	1/9/18	2/6/18																		
	W.O.#	15483	15581																		
Well 4D Webb	Initials	WQ	WQ																		
	Date	1/4/18	2/27/18																		
	W.O.#	15484	15582																		
Well 11D Pino	Initials	WQ	WQ																		
	Date	1/2/18	2/13/18																		
	W.O.#	15485	15583																		
Well 1D School	Initials	WQ	WQ																		
	Date	1/9/18	2/22/18																		
	W.O.#	15486	15584																		
Well 3 Mar-Val	Initials	WQ	WQ																		
	Date	1/11/18	2/16/18																		
	W.O.#	15487	15585																		
Well 8 Williamson	Initials	AH	AH																		
	Date																				
	W.O.#	15488	15586																		
Well 9 Polhemus	Initials	WQ	WQ																		
	Date	1/10/18	2/16/18																		
	W.O.#	15489	15587																		
Well 13 Hampton	Initials	WQ	WQ																		
	Date	1/11/18	2/6/18																		
	W.O.#	15490	15588																		

= Well offline

Year: 2018

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	2nd	3rd	4th	Refer.	1st	2nd	3rd	4th	
Clor-Tec System	Section: 4.2	WQ 1/25/18 15472	WQ 2/6/18 15593											Section: 4.3					Section: 4.4					Section: 4.4					
Filter System	Section: 5.1	WQ 1/25/18 15473	AH 2/27/18 15594											Section: 5.2					Section: 5.3					Section: 5.3					
Backwash System	Section: 2.1	WQ 1/18/18 15474	WQ 2/21/18 15595											Section: 2.2					Section: 2.3					Section: 2.3					
Booster Pumps	Section: 3.1	WQ 1/18/18 15475	WQ 2/21/18 15596											Section: TBD					Section: 3.2					Section: 3.2					
LAB														Section: 1.1					Section: 1.2					Section: 1.2					
Clear Wells																			Section: 2.4					Section: 2.4					
MCC																			Section: 1.2					Section: 1.2					

Year: 2018

Elk Grove Water District

Preventative Maintenance Program

Hampton Village Water Treatment Plant

Item	Monthly												Quarterly			Semi-annual		Annual						
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1st	2nd	3rd	4th	Refer.	1ST	6-2ND	6-MO.	Refer.	2018
Chemical Systems	Section: TBD	Initials AH Date 1/11/18 W.O. # 15476	WQ 2/6/18											Section: TBD					Section: TBD				Section: TBD	
Filter System	Section: TBD	Initials AH Date 1/11/18 W.O. # 15477	WQ 2/6/18											Section: TBD					Section: TBD				Section: TBD	
Backwash System	Section: TBD	Initials AH Date 1/11/18 W.O. # 15478	WQ 2/6/18											Section: TBD					Section: TBD				Section: TBD	
LAB		Initials Date W.O. #												Section: TBD	AH				Section: TBD				Section: TBD	
MCC		Initials Date W.O. #												Section: TBD	1/11/18				Section: 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.	2018
Railroad	Initials	WQ	WQ											Section:	TBD
	Date	1/19/19	2/14/18												
	W.O. #	15479	15589												
Webb	Initials	WQ	WQ											Section:	TBD
	Date	1/4/18	2/27/18												
	W.O. #	15480	15590												
Dino	Initials	WQ	WQ											Section:	TBD
	Date	1/2/18	2/13/18												
	W.O. #	15481													
Hampton	Initials													Section:	TBD
	Date														
	W.O. #														
Admin.	Initials	WQ	WQ											Section:	TBD
	Date	1/31/18	2/27/18												
	W.O. #	15482	15592												
		= Load Test													

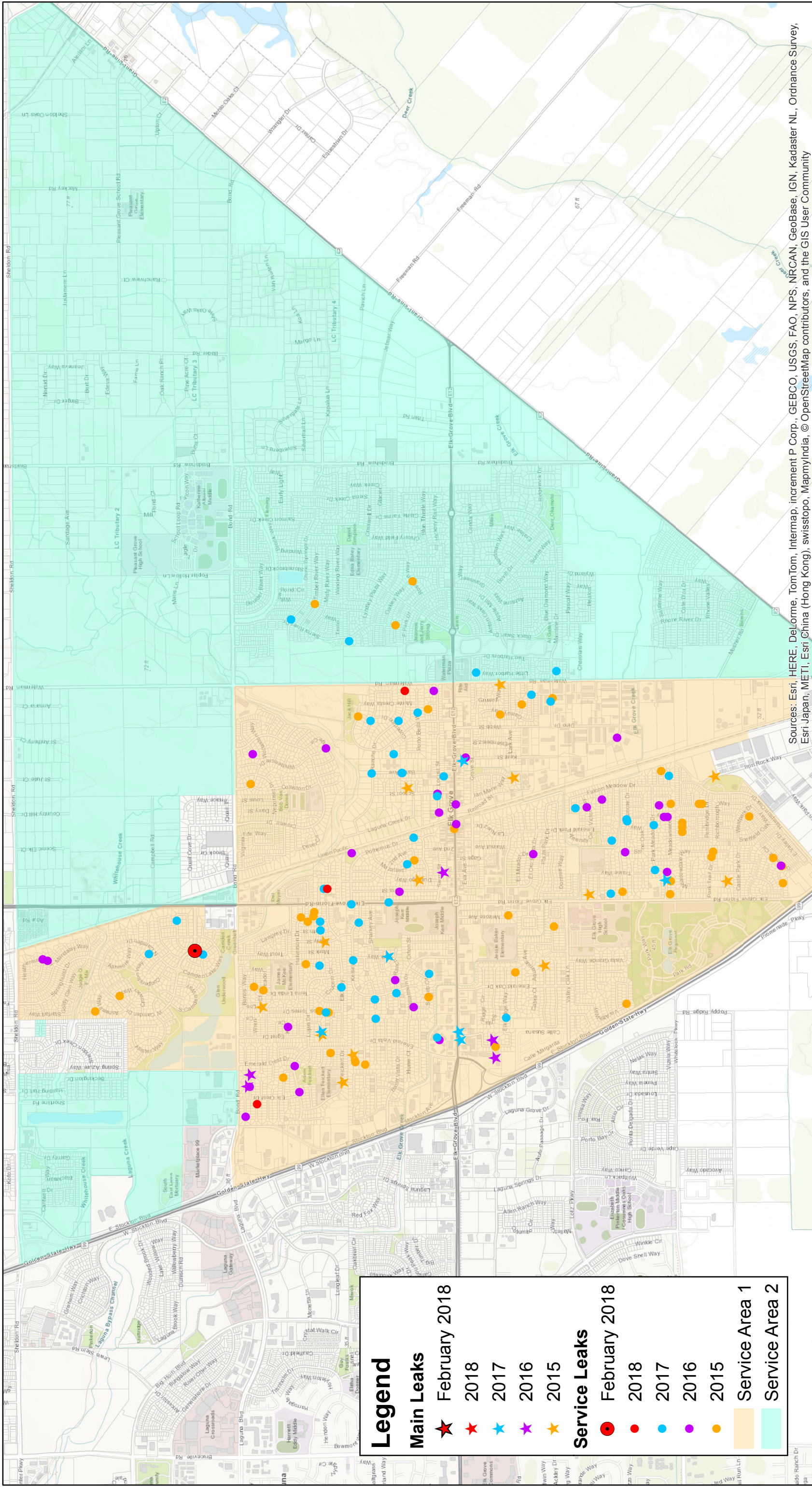
Elk Grove Water District
Backflow Prevention Program 2018

Backflow Device Reports												
CURRENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Notices Issued	42	40										
Assemblies Tested	35	37										
Passed Initial Test	31	30										
Failed Initial Test	4	7										
Failed Devices Retested-----Passed	3	7										
Investigations or Address Change												
Inactivated Devices												
Schedule Code Changed												
Devices Turned Off												
2nd Notices Issued	5	3	0	0	0	0	0	0	0	0	0	0
Monthly Outstanding Delinquents	0	1	0	0	0	0	0	0	0	0	0	0

Total Outstanding Delinquents	1
--------------------------------------	----------

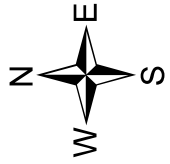
Elk Grove Water District
 Safety Meetings/Training
 February 2018

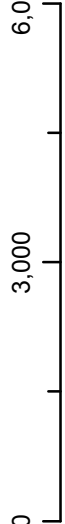
Date	Topic	Attendees	Hosted By
2/5/2018	OSHA Inspections	Alan Aragon, Jose Carrillo, David Frederick, Aaron Hewitt, Sean Hinton, Justin Mello, Jose Mendoza, Salvador Mendoza, Michael Montiel, Chris Phillips, Wilfredo Quintero, William Sadler, Richard Salas, Steve Shaw, John Vance, Brandon Wagner, Marcell Wilson	Sarah Jones
2/16/2018	Digging Safety	Jose Carrillo, David Frederick, Aaron Hewitt, Sean Hinton, Justin Mello, Jose Mendoza, Sal Mendoza, Chris Phillips, Wilfredo Quintero, William Sadler, Richard Salas, John Vance, Brandon Wagner	Sarah Jones
2/22/2018	Active Shooter Training	Alan Aragon, Aurelia Camilo, Jose Carrillo, Thomas Dainat, John Diaz, Travis Franklin, David Frederick, Aaron Hewitt, Sarah Jones, Bruce Kamilos, Mark Madison, Denis Maxwell, Justin Mello, Jose Mendoza, Salvador Mendoza, Michael Montiel, Daphne Murra-Davis, Donella Murillo, Amber Parker, Chris Phillips, Stefani Phillips, Wilfredo Quintero, Cindy Robertson, William Sadler, Richard Salas, Steve Shaw, John Vance, Brandon Wagner, Tonia Williams, Marcell Wilson	BJ Jones



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

Elk Grove Water District	
Service / Main Leaks	
Created by: Travis Franklin	
Date: March 8, 2018	

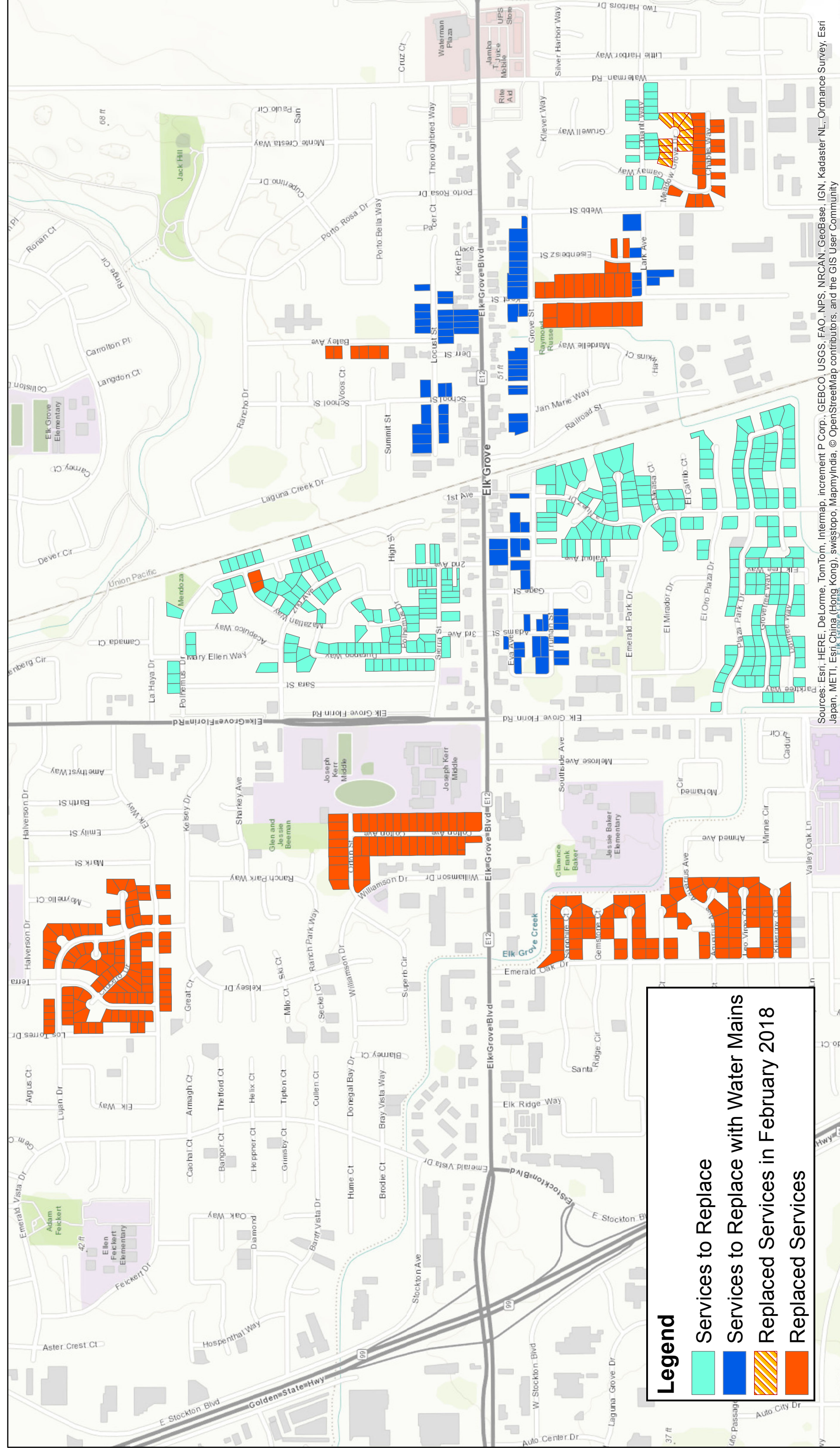




Elk Grove Water District

Main and Service Line Leaks Map

February 2018	
Main Line Leaks: 0	YTD: 0
Service Line Leaks: 1	YTD: 4
Total Leaks: 1	YTD: 4



Legend

- Services to Replace
- Services to Replace with Water Mains
- Replaced Services in February 2018
- Replaced Services

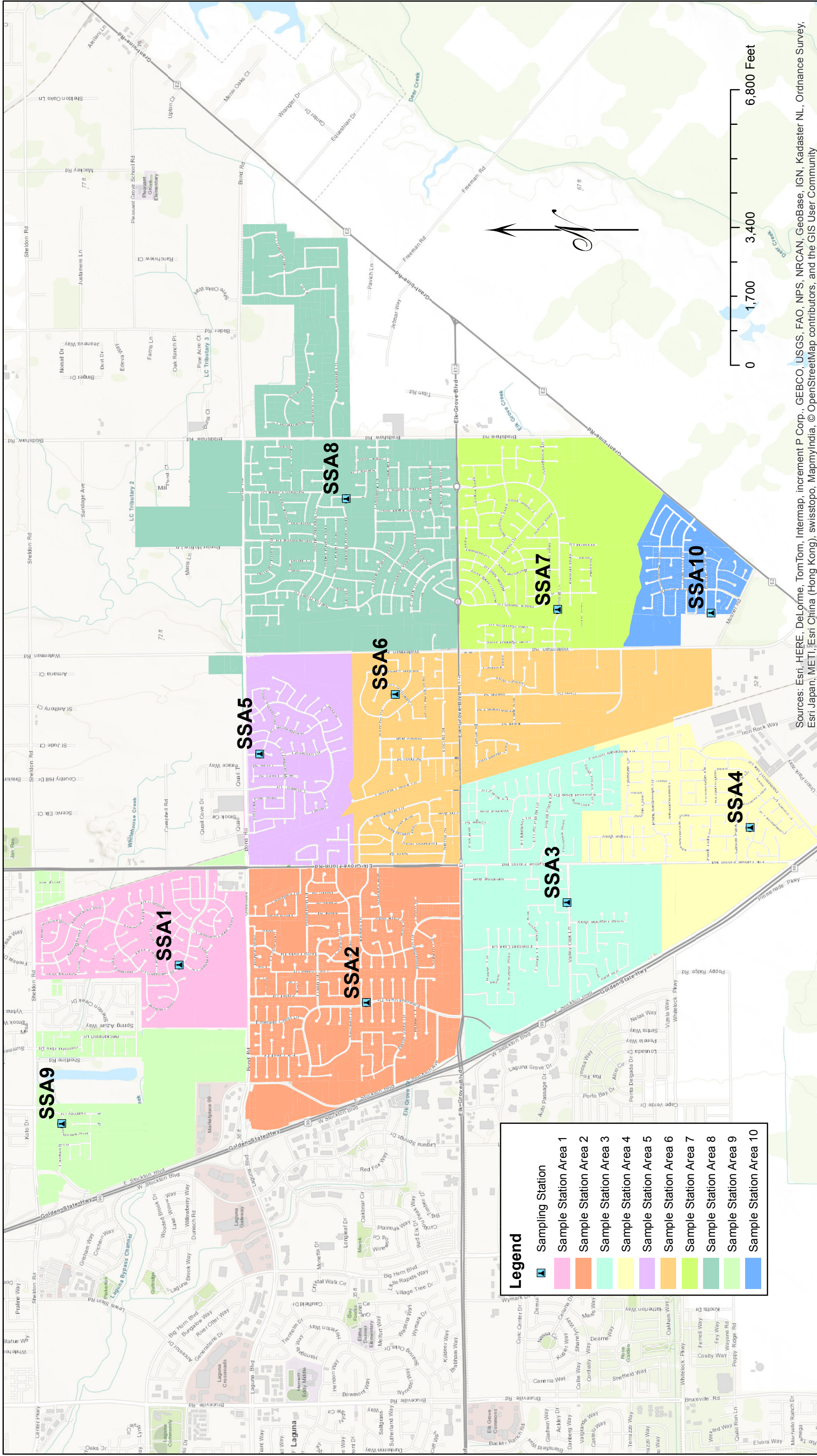
Services to Replace: 283
 Services Replaced in Feb 2018: 10
 Total Service Replaced: 282

Elk Grove Water District
Service Line Replacement












0 500 1,000 2,000 Feet

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

Projected Coordinate System: NAD 83 State Plane, California II, FIPS 0420
 Source: City of Elk Grove, EGWD and Sacramento County GIS databases
 Created by: Travis Franklin
 Date: March 8, 2018



Legend

-  Sampling Station
-  Sample Station Area 1
-  Sample Station Area 2
-  Sample Station Area 3
-  Sample Station Area 4
-  Sample Station Area 5
-  Sample Station Area 6
-  Sample Station Area 7
-  Sample Station Area 8
-  Sample Station Area 9
-  Sample Station Area 10

Sample Stations: 10

Elk Grove Water District Sample Station Areas



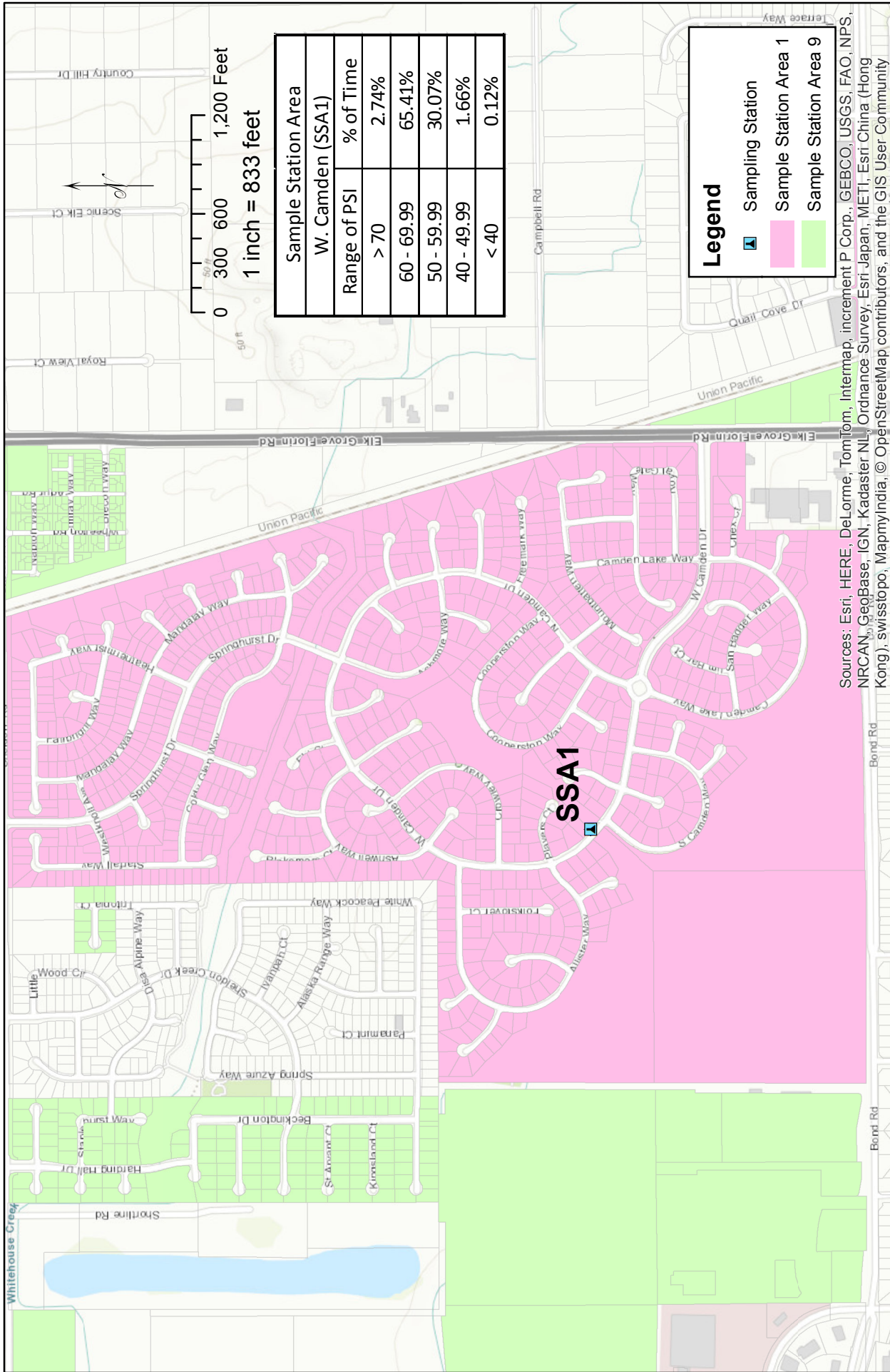
Projected Coordinate System: NAD 83 State Plane CA II FIPS 0402

Source: EGWD GIS database

Modified by: Travis Franklin

March 7, 2018

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

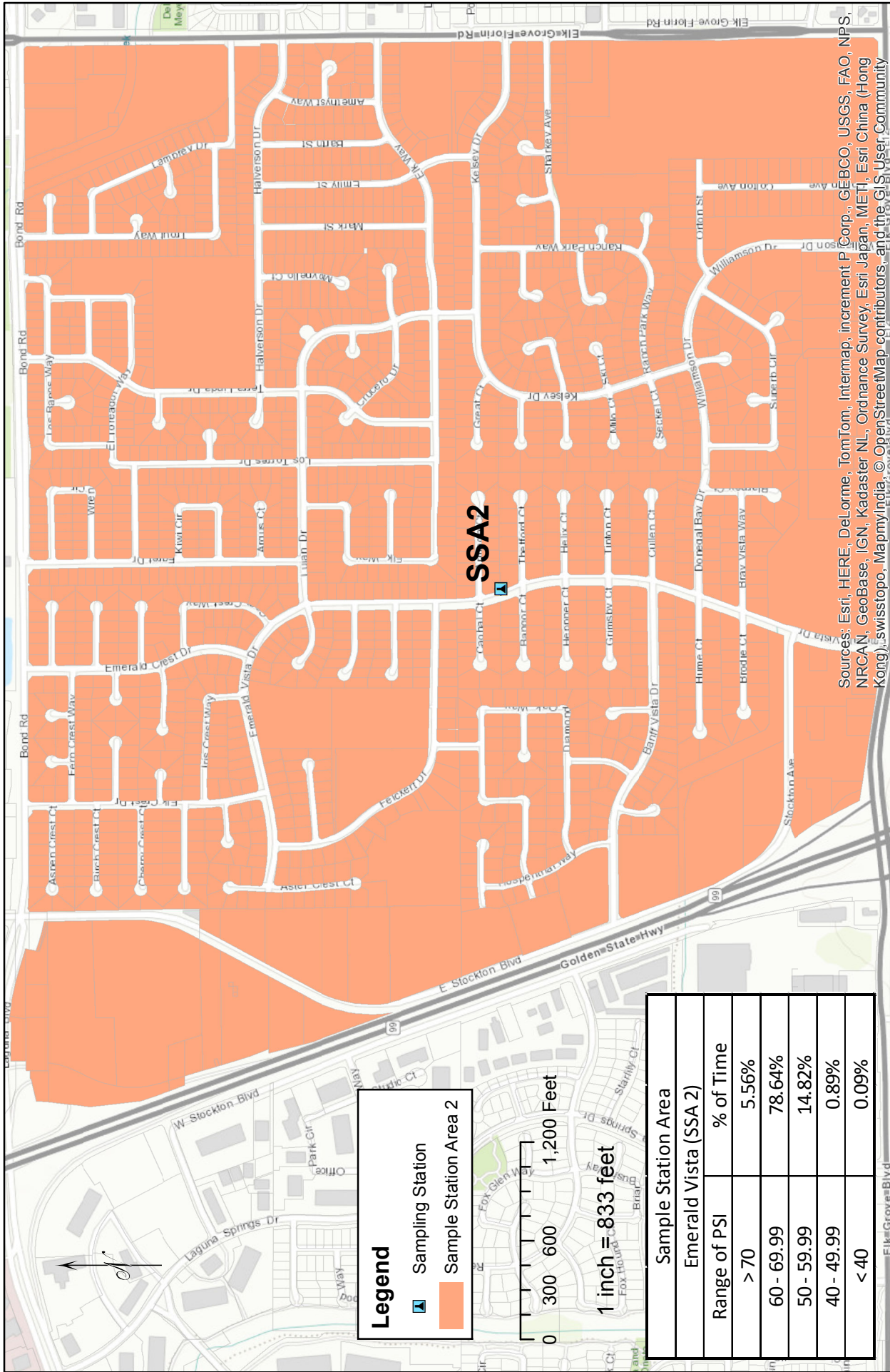


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swissltopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



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
 March 7, 2018

Sample Station #1
 Note: Sample Station takes a reading every 5 minutes.
 February 2018



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)	5.56%
Range of PSI > 70	78.64%
60 - 69.99	14.82%
50 - 59.99	0.89%
40 - 49.99	0.09%
< 40	0.09%

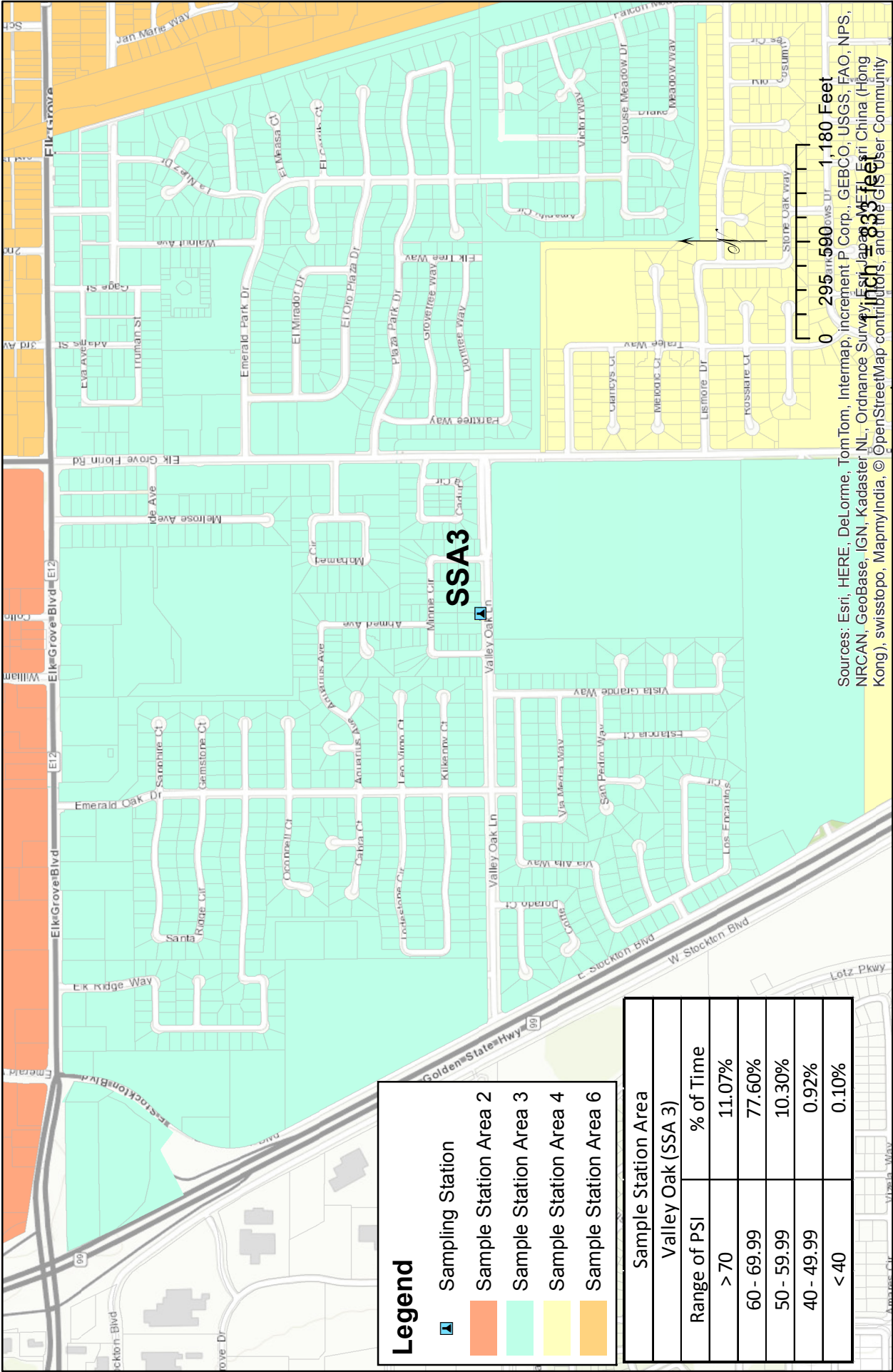
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



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
 March 7, 2018

Sample Station #2
 Note: Sample Station takes a reading every 5 minutes.
 February 2018



Legend

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

Sample Station Area	Range of PSI	% of Time
Valley Oak (SSA 3)	> 70	11.07%
	60 - 69.99	77.60%
	50 - 59.99	10.30%
	40 - 49.99	0.92%
	< 40	0.10%

Sample Station #3

Note: Sample Station takes a reading every 5 minutes.

February 2018

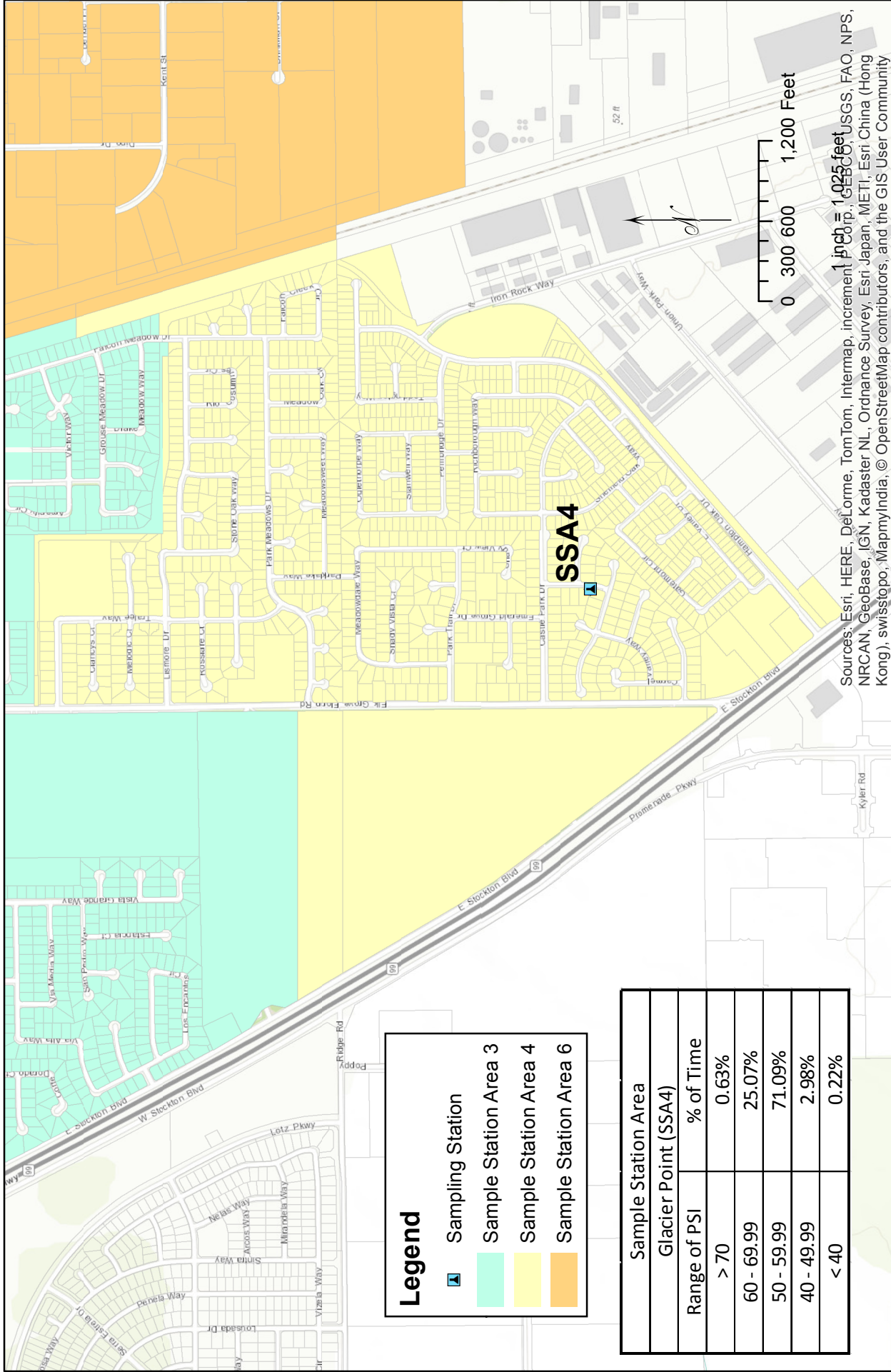
Elk Grove Water District
System Pressure Monitoring



Projected Coordinate System:
NAD 83 State Plane CA II FIPS 0402
Source: EGWD GIS database
Created by: Travis Franklin
March 7, 2018

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





1 inch = 1,025 feet
 Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Legend

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

Sample Station Area	Glacier Point (SSA4)	Range of PSI	% of Time
> 70	0.63%	60 - 69.99	25.07%
60 - 69.99	25.07%	50 - 59.99	71.09%
50 - 59.99	71.09%	40 - 49.99	2.98%
40 - 49.99	2.98%	< 40	0.22%
< 40	0.22%		



Elk Grove Water District

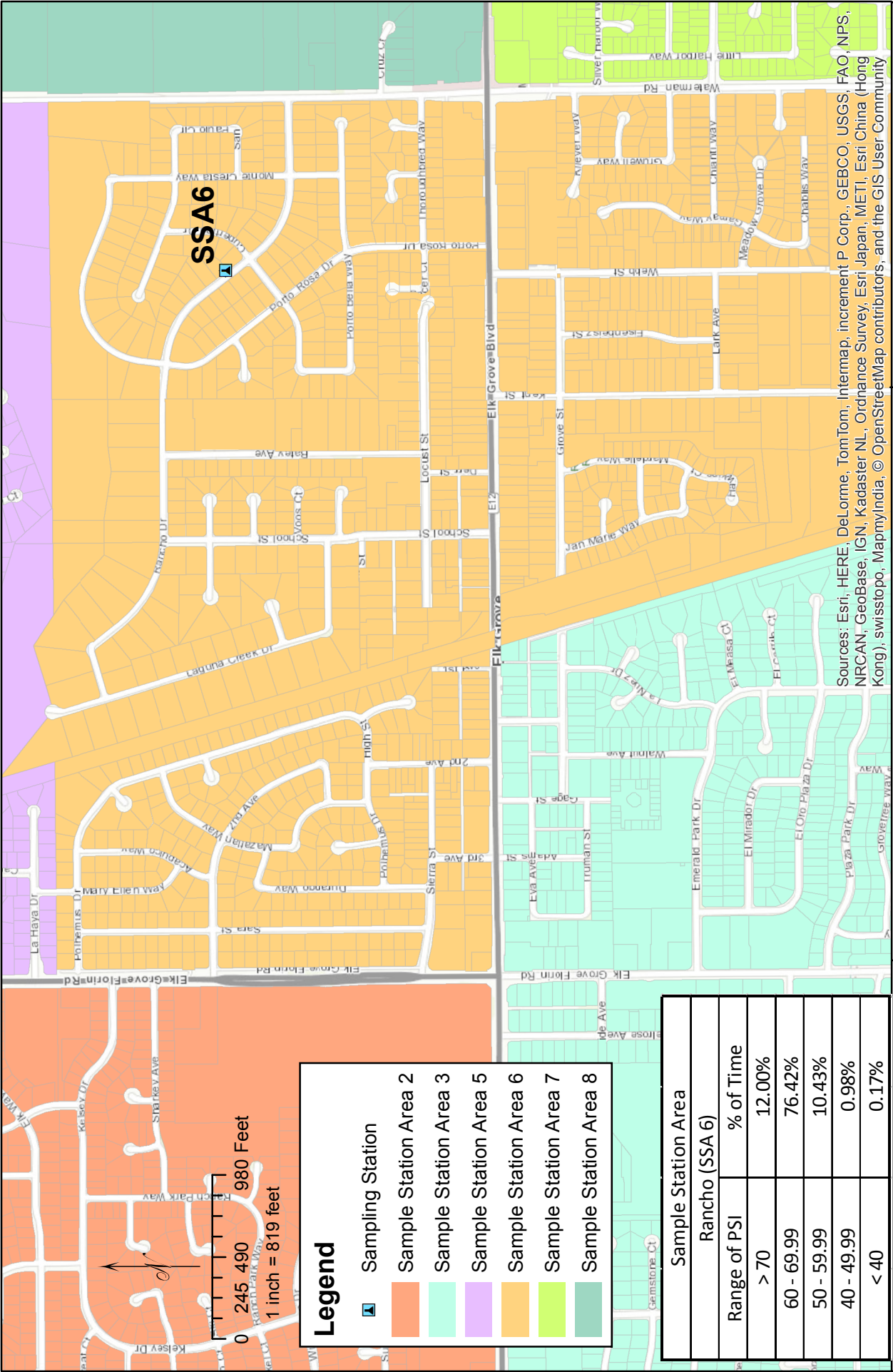
System Pressure Monitoring

Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 March 7, 2018

Sample Station #4

Note: Sample Station takes a reading every 5 minutes.

February 2018



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

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	12.00%
	60 - 69.99	76.42%
	50 - 59.99	10.43%
	40 - 49.99	0.98%
	< 40	0.17%

Sample Station #6

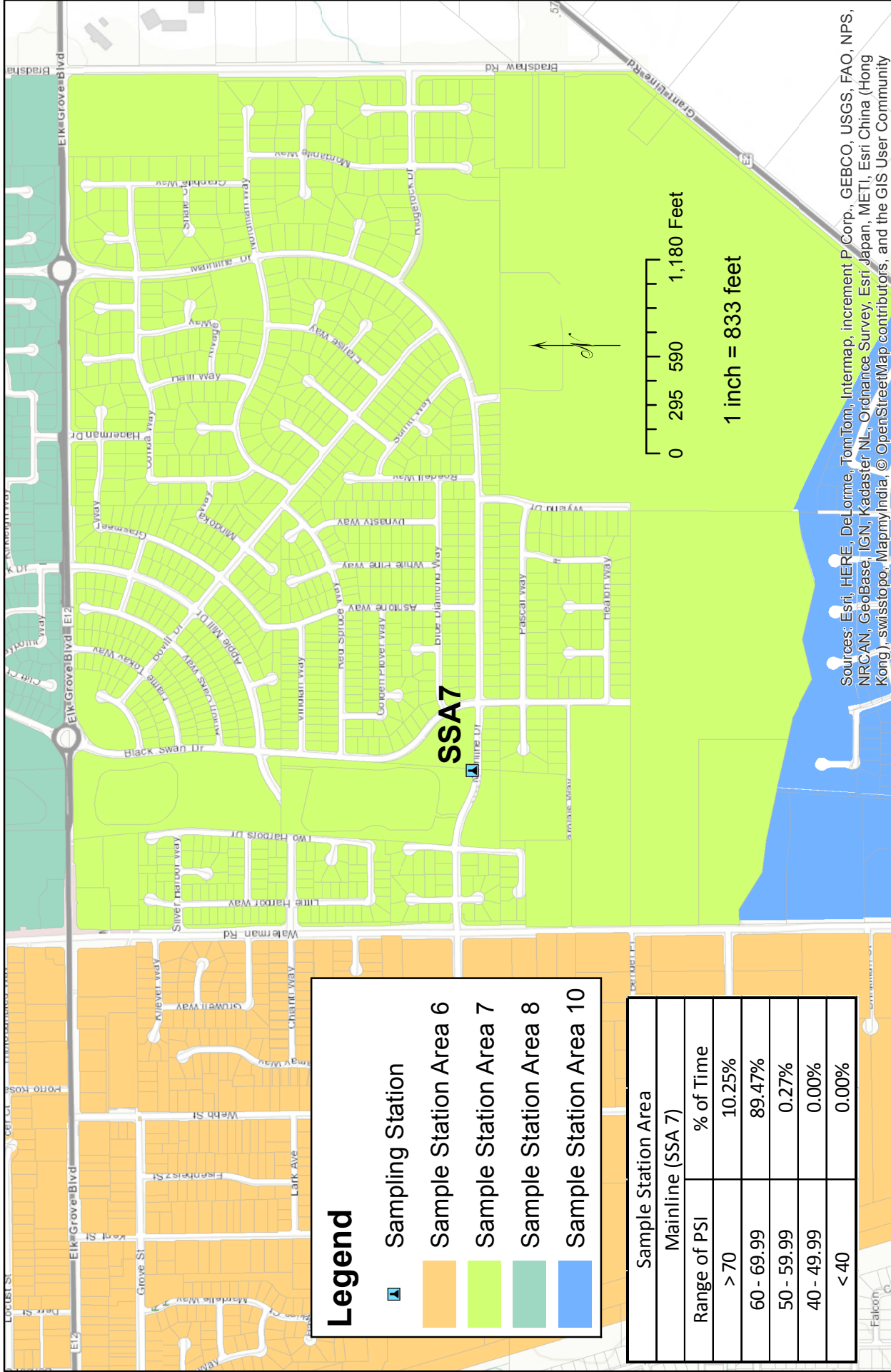
Note: Sample Station takes a reading every 5 minutes.

February 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
March 7, 2018



Legend

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

Sample Station Area	% of Time
Mainline (SSA 7)	
Range of PSI	
> 70	10.25%
60 - 69.99	89.47%
50 - 59.99	0.27%
40 - 49.99	0.00%
< 40	0.00%

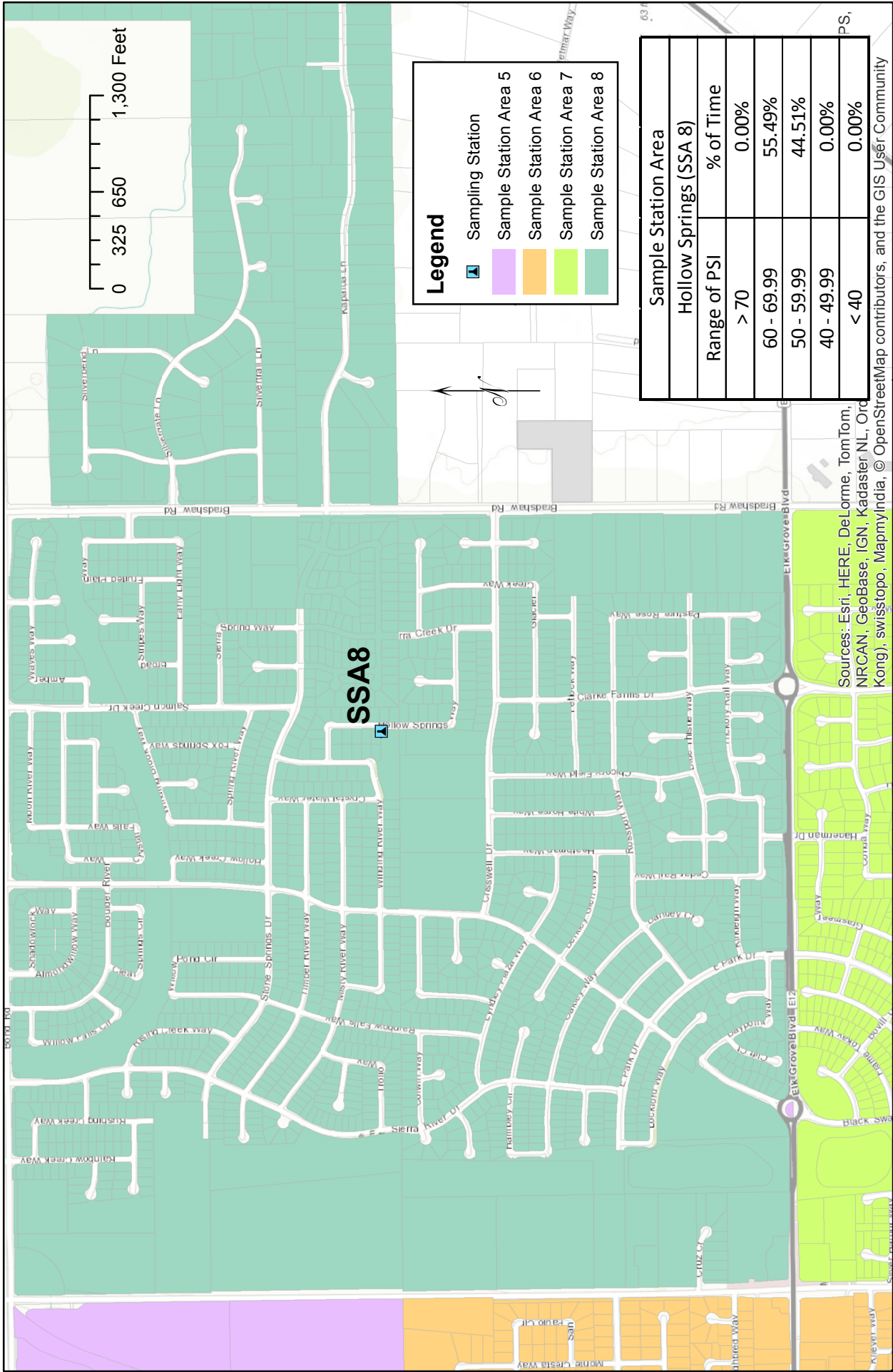
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swiss topo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 March 7, 2018

Elk Grove Water District
 System Pressure Monitoring



Sample Station #7
 Note: Sample Station takes a reading every 5 minutes.
 February 2018



Legend

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

Sample Station Area	
Hollow Springs (SSA 8)	
Range of PSI	% of Time
> 70	0.00%
60 - 69.99	55.49%
50 - 59.99	44.51%
40 - 49.99	0.00%
< 40	0.00%

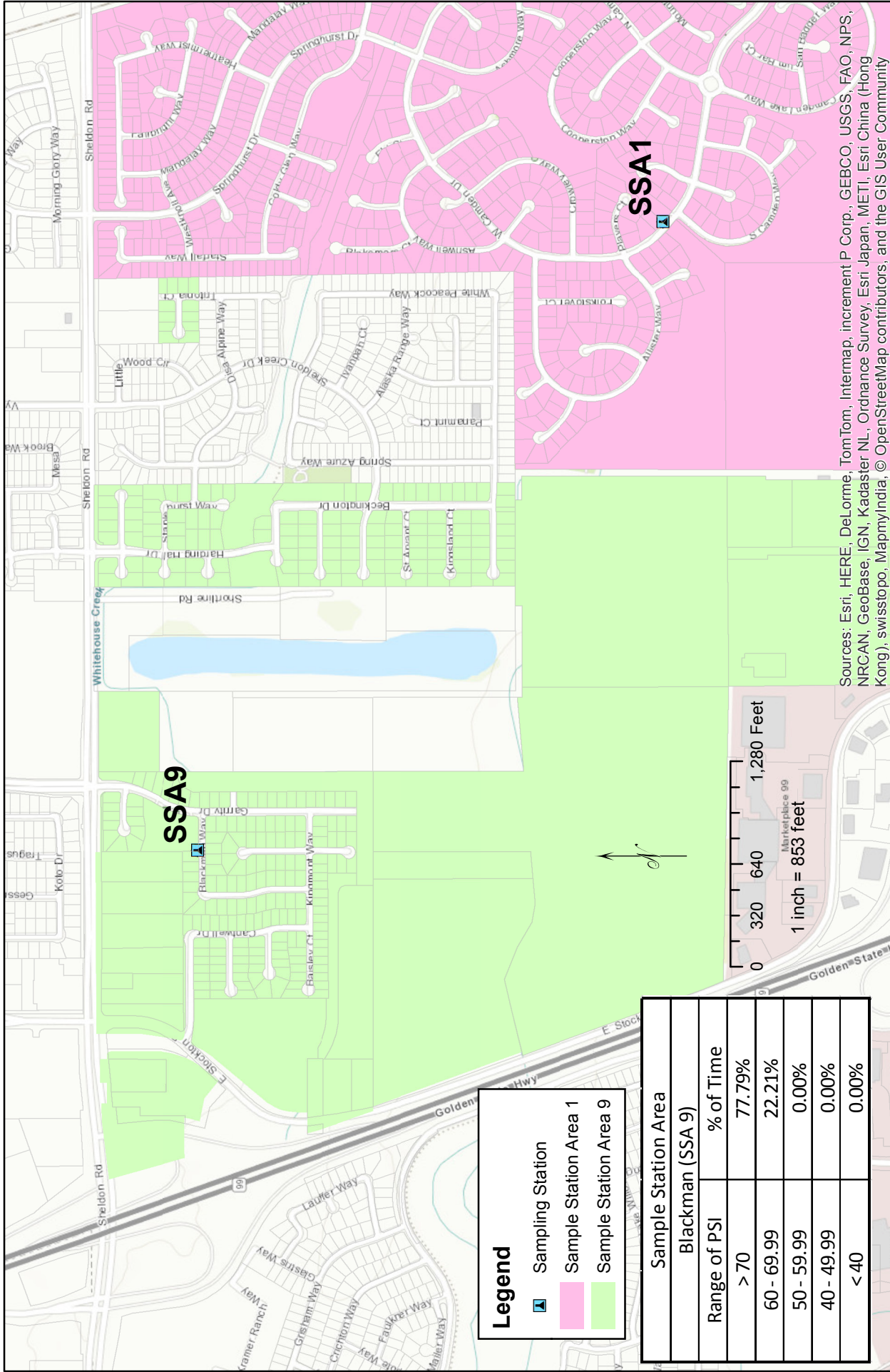
Sources: Esri, HERE, DeLorme, TomTom, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri, DeLorme, Swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 March 7, 2018

Elk Grove Water District
 System Pressure Monitoring



Sample Station #8
 Note: Sample Station takes a reading every 5 minutes.
 February 2018



Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © 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	77.79%
60 - 69.99	22.21%
50 - 59.99	0.00%
40 - 49.99	0.00%
< 40	0.00%

Sample Station #9

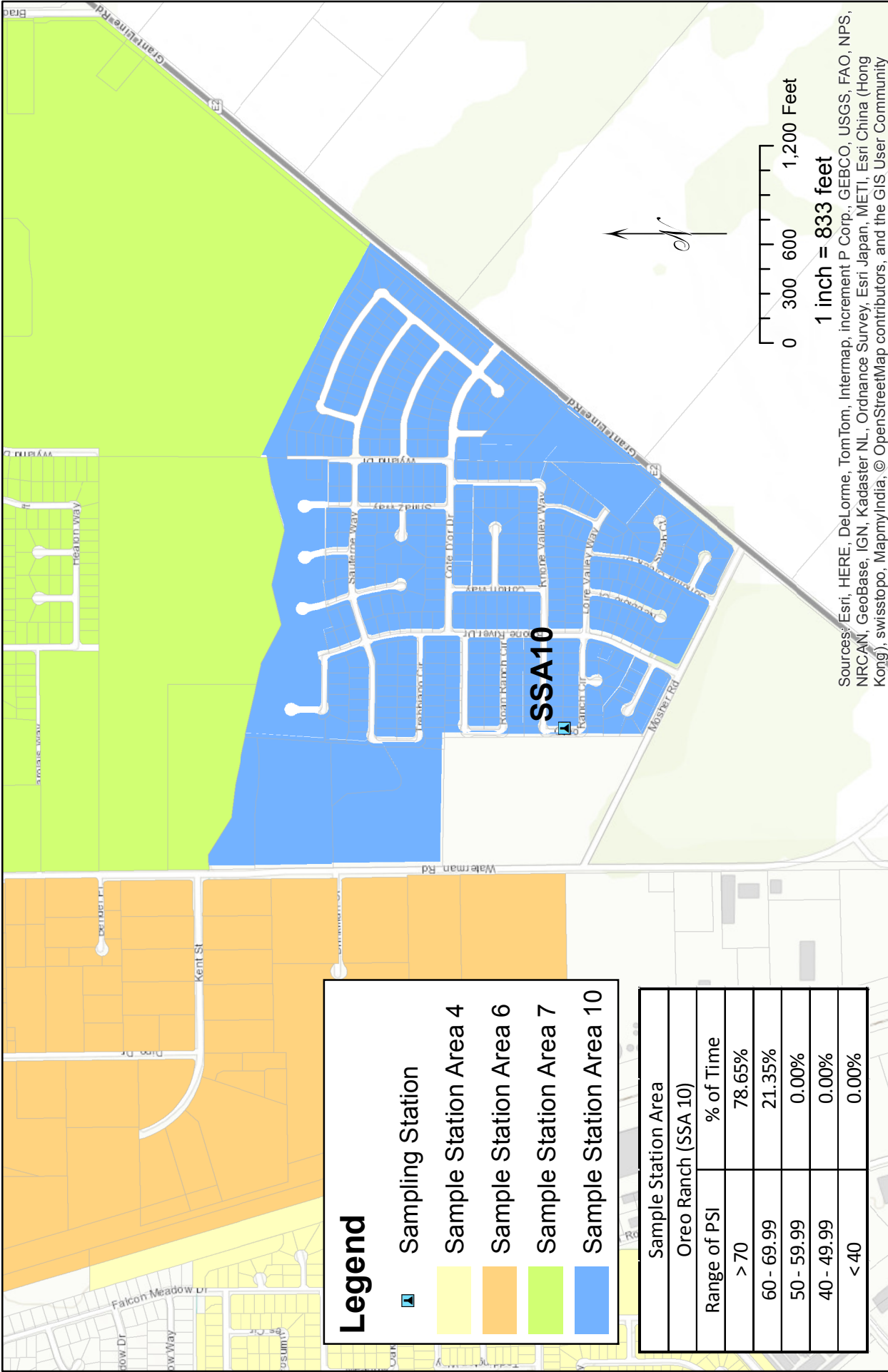
Note: Sample Station takes a reading every 5 minutes.

February 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
March 7, 2018



Legend

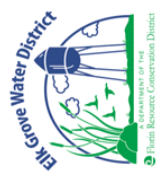
-  Sampling Station
-  Sample Station Area 4
-  Sample Station Area 6
-  Sample Station Area 7
-  Sample Station Area 10

Sample Station Area	
Oreo Ranch (SSA 10)	
Range of PSI	% of Time
> 70	78.65%
60 - 69.99	21.35%
50 - 59.99	0.00%
40 - 49.99	0.00%
< 40	0.00%

Sample Station #10

Note: Sample Station takes a reading every 5 minutes.

February 2018



Elk Grove Water District
System Pressure Monitoring

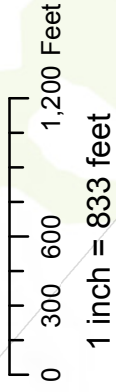
Projected Coordinate System:
NAD 83 State Plane CA II FIPS 0402

Source: EGWD GIS database

Created by: Travis Franklin

March 7, 2018

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



March 21, 2018

TO: Chairperson 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 Board is proposed at this time.

SUMMARY

The Outside Agency Meetings Report has been recently requested by the Board and will be included as a standing item on the regular board meeting agenda.

Staff and Board Members attended numerous outside agency meetings since the last regular Board meeting. This report is intended to inform the Board of any content included in those meetings that potentially affects the Elk Grove Water District.

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 outside agency meetings attended since February 21, 2018 were as follows:

2-22	SCWA – Water Transfers Mtg.	Madison & Kamilos
2-22	2018 CA-NV AWWA Government Affairs Symposium	Jones
2-28	RWA – Lobbyist Subscription Mtg.	Jones
3-6	RWA - Water Efficiency Program	Jones
3-13 & 3-14	Cal-OES Training Workshop	Jones & Lee
3-14	SCGA Board Mtg.	Madison & Sabin

AGENDA ITEM No. 5

OUTSIDE AGENCY MEETINGS REPORT

Page 2

3-15	RWA – Regional Water Reliability Plan Mtg.	Kamilos
3-15	RWA Symposium – Safe Drinking Water	Jones
3-21	SCGA Budget Subcommittee Mtg.	Kamilos
3-21	RWA – Water Spots Screening	Jones

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. Specifically, the Plan recommends an ongoing goal of partnering with RWA and other regional organizations. Attendance at these meetings, and this monthly report, assists the District 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

MJM/mm

March 21, 2018

TO: Chairperson and Directors of the Florin Resource Conservation District
FROM: Stefani Phillips, Board Secretary
SUBJECT: **FLORIN RESOURCE CONSERVATION DISTRICT ELECTION**

RECOMMENDATION

It is recommended that the Board adopt Resolution No. 03.21.18.01 of the Florin Resource Conservation District Board of Directors calling the general election and requesting condolidation with the November 6, 2018 statewide election.

SUMMARY

The Florin Resource Conservation District (FRCD) Board of Directors individually serve a term of four (4) years. Every two (2) years an election is held and the FRCD Board of Directors (Board) must adopt a resolution calling the General Election (Election). The resolution also identifies the voluntary candidates statement in the amount of two hundred words, will be paid for at the Registrar of Voters office.

By this action, the Board will adopt a resolution calling the Election and request the Board of Supervisors of Sacramento County to consolidate the regularly scheduled Election with the statewide election in November.

DISCUSSION

Background

Since 2002, the Board has used the Election process to obtain the FRCD five member board. The FRCD Board of Directors individually serve a term of four (4) years. The current FRCD Board of Directors is comprised of the following five Board members: Bob Gray, Lisa Medina, Tom Nelson, Jeanne Sabin, and Sophia Scherman.

Every two (2) years an election is held. Preceeding an election, the Board must adopt a resolution calling the Election. The resolution includes a description of the boundries that contain the election and its purpose. The resolution also stipulates that candidates may purchase a candidate statement, which will be included in the voter's pamphlet. In the past, the candidate statements have been limited to 200 words. At the Regular Board Meeting on March 23, 2016, the Board voted in favor of having candidates pay for their voluntary candidate statement at the Registrar of Voters office.

AGENDA ITEM No. 6

FLORIN RESOURCE CONSERVATION DISTRICT ELECTION

Page 2

Present Situation

The District will have three (3) Directors whose terms will end in December 2018, Directors Bob Gray, Tom Nelson, and Jeanne Sabin.

It is staff's recommendation that the Board adopt Resolution No. 03.21.18.01 of the Florin Resource Conservation District Board of Directors calling the general election and requesting consolidation with the November 6, 2018 statewide election.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

The General Election is a means to provide governance and is consistent with the Mission of the FRCD/EGWD's 2012-2017 Strategic Plan.

FINANCIAL SUMMARY

The financial impact of the Election is anticipated to be approximately \$142,395. The number of registered voters is subject to change prior to the election. The final date for voter registration in the county of Sacramento is November 6, 2018 (election day).

Respectfully submitted,



STEFANI PHILLIPS
HUMAN RESOURCES ADMINISTRATOR

RESOLUTION NO. 03.21.18.01

**RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT
BOARD OF DIRECTORS CALLING THE GENERAL ELECTION
AND REQUESTING CONSOLIDATION WITH THE
NOVEMBER 6, 2018 STATEWIDE ELECTION**

WHEREAS, a general election will be held within the Florin Resource Conservation District that will affect the Sacramento County on November 6, 2018, for the purpose of electing three Directors; and

WHEREAS, a statewide general election will be held within the County of Sacramento on the same day;

WHEREAS, Election Code §10403 requires jurisdictions to file with the Board of Supervisors, and a copy with the Registrar of Voters, a resolution requesting consolidation with a statewide election.

THEREFORE, BE IT RESOLVED that the Florin Resource Conservation District requests the Board of Supervisors of Sacramento County to consolidate the regularly scheduled General Election with the statewide election to be held on November 6, 2018.

BE IT FURTHER RESOLVED, that a candidate for District Director shall pay at the Voter Registration and Elections office the estimated cost of having a candidate's statement included in the voter's pamphlet, pursuant to Elections Code §13307(c). The limitation on the number of words that a candidate may use in his or her candidate's statement is 200 words.

BE IT FURTHER RESOLVED, that the District agrees to reimburse the Registrar of Voters for actual costs incurred to conduct the General Election, such costs to be calculated by the method set forth in the County's current Election Cost Allocation Procedures.

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

AYES:

NOES:

ABSENT:

ABSTAIN:

Tom Nelson
Chairperson of the Board of Directors

ATTEST:

Stefani Phillips
Board Secretary

March 21, 2018

TO: Chairperson and Directors of the Florin Resource Conservation District

FROM: Stefani Phillips, Board Secretary

SUBJECT: **CALIFORNIA SPECIAL DISTRICTS ASSOCIATION BOARD OF DIRECTORS
CALL FOR NOMINATIONS – SIERRA NETWORK SEAT A**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors consider nominating a director or managerial employee from the Florin Resource Conservation District/Elk Grove Water District for Sierra Network Seat A for the 2018 election of the California Special Districts Association Board of Directors.

SUMMARY

The California Special Districts Association (CSDA) is calling for nominations for Board of Directors to be placed on the ballot for Sierra Network, Seat A. The term of office will begin on January 1, 2019 through December 31, 2021. The CSDA Board of Directors (CSDA Board) governing body is responsible for all policy decisions related to the CSDA's member services, legislative advocacy, education and resources.

By this action, the Board may nominate a director or managerial employee from the Florin Resource Conservation District/Elk Grove Water District, for the election of California Special Districts Board of Directors Sierra Network Seat A.

DISCUSSION

Background

The CSDA Board is elected from six (6) geographical networks. The Florin Resource Conservation District (FRCD), which is in Region 2 is called the Sierra Network. Each of the CSDA's six (6) geographical networks has three (3) seats on the CSDA Board with staggered three (3) year terms. The candidates must be affiliated with an independent special district that is a CSDA regular member and located within the region that they wish to represent.

The board members are expected to make the following commitments:

- Attend all board meetings, held every other month in the CSDA office in Sacramento.
- Participate on at least one committee, which meets three (3) to five (5) times a year at the office in Sacramento.

CALIFORNIA SPECIAL DISTRICTS ASSOCIATION BOARD OF DIRECTORS CALL FOR NOMINATIONS – SIERRA NETWORK SEAT A

Page 2

- Attend CSDA's two annual events: Special Districts Legislative Days and the CSDA Annual Conference.
- Complete all four (4) modules of the CSDA's Special District Leadership Academy within two (2) years.

CSDA does not reimburse for expenses for the two conferences or the Academy classes even if a board or committee meeting is held in conjunction with the events.

Present Situation

There is a vacant seat on the CSDA Board, Sierra Network, Seat A. The term for Seat A is January 1, 2019 through December 31, 2021.

The nomination procedures prescribe that any regular independent special district is eligible to nominate one person, a board member or managerial employee for appointment to the CSDA Board. The nomination may be presented in the form of a resolution or by minute action along with the 2018 Board of Director Nomination Form (Attachment 1) and the Candidate Information Sheet (Attachment 2). The deadline to receive nominations is Wednesday, April 18, 2018.

Ballots will be sent out to all of the voting members on June 18, 2018 and are due back on August 10, 2018. The CSDA will count the ballots and notify the candidates that will be running for election by August 14, 2018. Each elected Board Member will be introduced at the Annual Conference in Indian Wells in September 2018.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

Serving as board member of the CSDA Board complies with both the FRCD's Cooperative Programs and the Elk Grove Water Districts (EGWD) Financial Stability sections of the 2012-2017 Strategic Plan.

FINANCIAL SUMMARY

There is no immediate financial impact on the EGWD Fiscal Year (FY) 2017-18 Budget.

March 21, 2018

**CALIFORNIA SPECIAL DISTRICTS ASSOCIATION BOARD OF DIRECTORS CALL FOR
NOMINATIONS – SIERRA NETWORK SEAT A**

Page 3

To meet the required commitments of an elected CSDA Board of Director, future budgets would need to accommodate the attendance of a CSDA Annual Conference each year and a minimum of two (2) modules of the CSDA's Special District Leadership Academy in the first two years to complete the requirement of four (4) modules.

Respectfully submitted,



STEFANI PHILLIPS
BOARD SECRETARY

Attachments

March 21, 2018

TO: Chairperson and Directors of the Florin Resource Conservation District
FROM: Sarah Jones, Program Manager
SUBJECT: **LEGISLATIVE UPDATE**

RECOMMENDATION

This item is presented for information only. No action by the Board is proposed at this time.

SUMMARY

The Governor Brown Administration released their 2018-19 January Budget Summary which included a statement of intent to establish a "Safe and Affordable Drinking Water Fund," (budget trailer bill) consistent with the policy framework of SB 623. The Elk Grove Water District (EGWD) signed onto a coalition letter submitted by the Association of California Water Agencies (ACWA) in response to the SB 623 and the associated budget trailer bill (water tax) in addition to sending letters to our legislative representatives and Budget Subcommittee members. Other bills that have been recently introduced are summarized, most notable are AB 3206 which would require the state to adopt protocols for meter accuracy testing and SB 966, which prescribes how utilities must process water shut-offs.

DISCUSSION

Background

The Board is periodically updated on legislative and statewide water issues.

Present Situation

Governor Brown Administration's 2018-19 January Budget Summary includes a statement of intent to establish a "Safe and Affordable Drinking Water Fund" consistent with the policy framework of SB 623. Both the language in the trailer bill and SB 623 are being opposed by many agencies, including RWA, ACWA and EGWD because the probable mechanisms to pay for such a program include a "water tax" or public goods charge. There is also potential compliance issues with Proposition 218 that would need to be addressed in order to implement an affordable drinking water program statewide.

LEGISLATIVE UPDATE

Page 2

ACWA continues to lead the Drinking Water Tax Oppose-Unless-Amended Coalition that is meeting with assembly members and senators. The coalition includes both urban and agricultural water agency members of ACWA. The agricultural water agency members that have joined the coalition have expressed their concern that if the proposed tax is enacted, it would serve as a precedent for future taxes on water – both agricultural and urban. EGWD signed onto a coalition letter submitted by the Association of California Water Agencies (ACWA) in response to the SB 623 and the associated budget trailer bill (water tax) in addition to sending letters to our legislative representatives and to the Budget Subcommittee members (Attachment). ACWA has requested for agency representatives to testify at the Assembly Budget Subcommittee No. 3 hearing on March 15, 2018 at the Capitol.

SB 993 (Hertzberg)

The Sales and Use Tax Law imposes a tax on retailers measured by the gross receipts from the sale of tangible personal property sold at retail in this state, or on the storage, use, or other consumption in this state of tangible personal property purchased from a retailer for storage, use, or other consumption in this state. This bill would include a change in state statute that would result in a taxpayer paying a higher tax within the meaning of Section 3 of Article XIII A of the California Constitution, and thus would require for passage the approval of $\frac{2}{3}$ of the membership of each house of the Legislature. This bill would take effect immediately as a tax levy.

SB 996 (Wiener)

Onsite treated non-potable water systems.

Existing law requires the State Water Resources Control Board to establish uniform statewide recycling criteria for each varying type of use of recycled water where the use involves the protection of public health. This bill would, on or before December 1, 2022, require the state board, in consultation with the California Building Standards Commission, to adopt regulations for risk-based water quality standards for the onsite treatment and reuse of non-potable (gray) water.

AB 2050 (Caballero)

Small System Water Authority Act of 2018. An act to add Division 23 (commencing with Section 78000) to the Water Code, relating to small system water authorities.

Existing law, the California Safe Drinking Water Act, provides for the operation of public water systems and imposes on the State Water Resources Control Board various responsibilities and duties. The act authorizes the state board to order consolidation with a receiving water system where a public water system or a state small water system, serving a disadvantaged community, as defined, consistently fails to provide an adequate supply of safe drinking water. The act, if consolidation is either not appropriate or not technically and economically feasible, authorizes the state board to contract with an administrator to provide administrative and managerial services to designated public

LEGISLATIVE UPDATE

Page 3

water systems and to order the designated public water system to accept administrative and managerial services.

AB 3206 (Friedman)

Water conservation: water meters: accuracy and performance standards.

This bill would require the State Water Resources Control Board, on or before January 1, 2020, to adopt protocols to be used by an urban water supplier for the regular sampling and testing of its customers' service meters to establish a statistically sound estimate of the accuracy of the water meters serviced by the urban water supplier, and would require the state board, on or before January 1, 2021, to establish requirements for accuracy testing of installed water meters.

SB 966 (Dodd)

Water shutoffs: urban and community water systems.

The bill would prohibit an urban and community water system from shutting off residential service until the system notifies the local health department and the local health department assesses that a shutoff at the residence would not pose a grave threat to the health and safety of the residents, except as provided. By imposing new duties on local health departments, this bill would impose a state-mandated local program.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

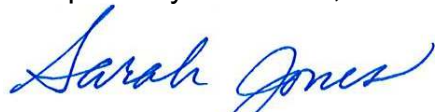
STRATEGIC PLAN CONFORMITY

Tracking active legislation complies with the District's Regulatory Compliance goals of the 2012-2017 Strategic Plan.

FINANCIAL SUMMARY

There is no direct financial impact associated with this report.

Respectfully submitted,



SARAH JONES
PROGRAM MANAGER

Attachments



March 12, 2018

The Honorable Jim Cooper
State Capitol, Room 6025
Sacramento, CA 95814

RE: PROPOSED DRINKING WATER TAX: BUDGET TRAILER BILL AND SB 623 (OPPOSE UNLESS AMENDED)

Dear Assembly Member Cooper,

I am writing to express our strong opposition to a proposed state tax on drinking water before the California Legislature. The proposal is being advanced through SB 623 by Sen. William Monning (D-Carmel), a two-year bill introduced in 2017, and a Brown Administration budget trailer bill that is based on SB 623.

As a local water agency, we are committed to delivering safe and reliable water. We wholeheartedly support the goal of ensuring safe drinking water for all Californians, especially those in disadvantaged communities. However, taxing Californians for something that is essential to life does not make sense, especially at a time when some are raising concerns about the cost of living in the state. Our agency has serious concerns with requiring California's local water agencies to collect this tax for the state. Simply put, taxing drinking water – an essential life-sustaining resource – is just not sound policy.

As an alternative, we are in favor of a more appropriate package of funding, which could include existing federal funds from the Safe Drinking Water State Revolving Fund (SRF), voter-approved general obligation bonds, the assessments related to nitrates in groundwater proposed in the budget trailer bill and in SB 623, and a limited amount of general fund dollars.

For these reasons, The Elk Grove Water District opposes the budget trailer bill related to a tax on drinking water and SB 623 and respectfully requests your "NO" vote on these measures.

If you or members of your staff have any questions, please contact me at mmadison@egwd.org.

March 12, 2018
Assembly Member Cooper

**RE: PROPOSED DRINKING WATER TAX: BUDGET TRAILER BILL AND SB 623 (OPPOSED
UNLESS AMENDED)**

Page 2

Sincerely,



MARK J MADISON
GENERAL MANAGER
FLORIN RESOURCE CONSERVATION DISTRICT/ ELK GROVE WATER DISTRICT

cc: The Honorable William W. Monning
Ms. Kim Craig, Deputy Cabinet Secretary, Office of the Governor



March 12, 2018

The Honorable Dr. Richard Pan
State Capitol, Room 4070
Sacramento, CA 95814

RE: PROPOSED DRINKING WATER TAX: BUDGET TRAILER BILL AND SB 623 (OPPOSE UNLESS AMENDED)

Dear Senator Pan,

I am writing to express our strong opposition to a proposed state tax on drinking water before the California Legislature. The proposal is being advanced through SB 623 by Sen. William Monning (D-Carmel), a two-year bill introduced in 2017, and a Brown Administration budget trailer bill that is based on SB 623.

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If you or members of your staff have any questions, please contact me at mmadison@egwd.org.

March 12, 2018
Senator Pan

**RE: PROPOSED DRINKING WATER TAX: BUDGET TRAILER BILL AND SB 623 (OPPOSE
UNLESS AMENDED)**

Page 2

Sincerely,



MARK J MADISON
GENERAL MANAGER
FLORIN RESOURCE CONSERVATION DISTRICT/ ELK GROVE WATER DISTRICT

cc: The Honorable William W. Monning
Ms. Kim Craig, Deputy Cabinet Secretary, Office of the Governor