

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

## Agenda

Tuesday, May 19, 2020

6:30 PM

### Compliance with Government Code Section 54957.5

Public records, including writings related to an agenda item for an open session of a regular meeting of the Florin Resources Conservation District that are distributed less than 72 hours before the meeting, are available 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](http://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."

Pursuant to the Sacramento County Shelter in Place order effective March 19, 2020, we are requiring all members of the public to participate virtually. Public participation and comment are limited to the following procedures:

A. The electronic submission of written comments in advance to the Board Secretary ([stefani@egwd.org](mailto:stefani@egwd.org)). Those comments will be read into the record for a maximum of three (3) minutes per comment.

B. Join Zoom Meeting: <https://zoom.us/j/89844130282> Meeting ID: 8984 413 0282

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C. Please press Star+9 (\*9) to raise your hand for Public Comment – 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.

## CALL TO ORDER, ROLL CALL AND PLEDGE OF ALLEGIANCE

### 1. Proclamations and Announcements

Associate Director Comment

Public Comment

2. **Consent Calendar** (Stefani Phillips, Board Secretary and Patrick Lee, Treasurer)
  - a. Minutes of Regular Board Meeting of April 21, 2020
  - b. Minutes of Special Board Meeting on May 5, 2020
  - c. Warrants Paid – April, 2020
  - d. Board and Employee Expense/Reimbursements – April, 2020
  - e. Active Accounts – April, 2020
  - f. Bond Covenant Status for FY 2019-20 – April, 2020
  - g. Revenues and Expenses – Actual vs Budget FY 2019-20 – April, 2020
  - h. Cash Accounts – April, 2020
  - i. Consultants Expenses – April, 2020
  - j. Major Capital Improvement Projects – April, 2020

Associate Director Comment

Public Comment

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

3. **City of Sacramento, Sacramento County Water Agency, and Golden State Water Company Proposed Groundwater Substitution Transfer within the South American Groundwater Subbasin** (Mark J. Madison, General Manager)

Associate Director Comment

Public Comment

**Recommended Action:**                    **Authorize the General Manager to submit a comment letter to the State Water Resources Control Board on the City of Sacramento Petition for Change Involving Water Transfer Under Permit 11360 dated April 30, 2020 (State Water Resources Control Board Application 12622).**

4. **Committee Meetings** (Stefani Phillips, Human Resources Administrator/Board Secretary)
  - a. Minutes of the Infrastructure Committee Meeting on April 8, 2020

Associate Director Comment

Public Comment

**Recommended Action:**                    **Accept the minutes of the Infrastructure Committee Meeting held on Wednesday, April 8, 2020.**

5. **Elk Grove Water District Operations Report – April 2020**  
(Mark J. Madison, General Manager)

Associate Director Comment

Public Comment

6. **Draft Elk Grove Water District Fiscal Year 2020-21 Operating Budget**  
(Patrick Lee, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

**7. Elk Grove Water District Fiscal Year 2021-25 Capital Improvement Program**

(Bruce Kamilos, Assistant General Manager)

Associate Director Comment

Public Comment

**Recommended Action:** Adopt Resolution No. 05.19.20.01, approving the Elk Grove Water District Fiscal Year 2021-25 Capital Improvement Program and the appropriation of \$1,430,000 from designated reserve funds to the Fiscal Year 2020-21 Capital Improvement Program budget.

**8. Board Policies** (Stefani Phillips, Board Secretary)

Associate Director Comment

Public Comment

**Recommended Action:** Adopt Resolution No. 05.19.20.02, amending and replacing the Acceptance of Gifts, Entertainment, and Services Policy; and

Adopt Resolution No. 05.19.20.03, amending and replacing the Associate Directors Policy; and

Adopt Resolution No. 05.19.20.04, amending and replacing the Contributions, Donations, and Sponsorships Policy; and

Adopt Resolution No. 05.19.20.05, amending and replacing the Disclosure Compliance Policies and Procedures with the Debt Obligation Continuing Disclosure Policy; and

Adopt Resolution No. 05.19.20.06, amending and replacing the Fixed Assets Policy with the Capital Assets Policy; and

Adopt Resolution No. 05.19.20.07, amending and replacing the Professional and Civic Memberships Policy.

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

Associate Director Comment

Public Comment

**10. Legislative Update** (Travis Franklin, Program Manager)

Associate Director Comment

Public Comment

**11. Directors Comments**

Adjourn to Regular Meeting – June 16, 2020

May 19, 2020

TO: Chair and Directors of the Florin Resource Conservation District

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

SUBJECT: **CONSENT CALENDAR**

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### **RECOMMENDATION**

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

### **SUMMARY**

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

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

### **DISCUSSION**

#### **Background**

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

#### **Present Situation**

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

### **ENVIRONMENTAL CONSIDERATIONS**

There are no direct environmental considerations associated with this report.

### **STRATEGIC PLAN CONFORMITY**

The monthly Consent Calendar report provides transparency and conforms with Strategic Goal No. 1, Governance and Customer Engagement, of the Strategic Plan 2020-2025.

May 19, 2020

**CONSENT CALENDAR**

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**FINANCIAL SUMMARY**

There is no financial impact associated with this report.

Respectfully Submitted,



STEFANI PHILLIPS  
BOARD SECRETARY

And



PATRICK LEE  
TREASURER

Attachments

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

**Tuesday, April 21, 2020**

The regular meeting of the Florin Resource Conservation District Board of Directors was called to order at 6:30 p.m. by Tom Nelson, Chair via Zoom.

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

Directors Present: Tom Nelson, Bob Gray, Lisa Medina, Elliot Mulberg, Sophia Scherman  
Directors Absent: None  
Staff Present: Mark Madison, General Manager; Bruce Kamilos, Assistant General Manager; Patrick Lee, Finance Manager/Treasurer; Stefani Phillips, Board Secretary; Donella Murillo, Finance Supervisor; Jeff Ramos, Interim Program Manager; Travis Franklin, Program Manager; Sean Hinton, Water Distribution Supervisor; Alan Aragon, Water Distribution Supervisor; Amber Kavert, Administrative Assistant II (Confidential)  
Staff Absent: None  
Associate Directors Present: Paul Lindsay,  
Associate Directors Absent: None  
General Counsel Present: Ren Nosky, JRG Attorneys at Law

**Public Comment**

Nothing to report.

**1. Proclamations and Announcements**

General Manager Mark Madison thanked Aaron Hewitt, Water Treatment Operator III for his 10 years of service to the Florin Resource Conservation District/Elk Grove Water District (District).

Mr. Madison also told the District Board of Directors (Board) about the Certificate of Achievement that was awarded to the District for its Comprehensive Annual Financial Report (CAFR) from the Government Finance Officers Association (GFOA). He congratulated Finance Supervisor Patrick Lee and Finance Supervisor Donella Murillo for achieving the award for the District.

Mr. Madison announced that Travis Franklin is officially the District's new Program Manager.

**2. Consent Calendar**

- a. Minutes of Regular Board Meeting of February 18, 2020
- b. Minutes of Special Board Meeting of March 31, 2020
- c. Warrants Paid – February, 2020
- d. Warrants Paid – March, 2020
- e. Board and Employee Expense/Reimbursements – February, 2020
- f. Board and Employee Expense/Reimbursements – March, 2020
- g. Active Accounts – February, 2020
- h. Active Accounts – March, 2020
- i. Bond Covenant Status for FY 2019-20 – February, 2020
- j. Bond Covenant Status for FY 2019-20 – March, 2020
- k. Revenues and Expenses – Actual vs Budget FY 2019-20 – February, 2020
- l. Revenues and Expenses – Actual vs Budget FY 2019-20 – March, 2020

- m. Cash Accounts – February, 2020
- n. Cash Accounts – March, 2020
- o. Consultants Expenses – February, 2020
- p. Consultants Expenses – March, 2020
- q. Major Capital Improvement Projects – February, 2020
- r. Major Capital Improvement Projects – March, 2020

Chair Tom Nelson pulled item b.

MSC (Gray/Medina) to approve Florin Resource Conservation District Consent Calendar items a, c-r. 5/0: Ayes: Gray, Medina, Mulberg, Nelson, and Scherman.

Chair Nelson explained he pulled item b because he would like staff to bring back an item covering the financial impact on the District due to COVID-19. Mr. Madison stated staff is still working on the numbers and will provide the information requested at the Special Board Meeting on May 5, 2020.

MSC (Gray/Medina) to approve Florin Resource Conservation District Consent Calendar items b. 5/0: Ayes: Gray, Medina, Mulberg, Nelson, and Scherman.

### **3. Elk Grove Water District Operations Report – February and March 2020**

Mr. Madison presented an overview of the Elk Grove Water District (EGWD) Operations Report for both February and March 2020.

Associate Director Paul Lindsay asked what the issues were under the preventative maintenance and corrective maintenance in the Operations Activities Summary. Staff will look into it and reply to Mr. Lindsay by email.

### **4. Equipment Amended and Restated Agreement for General Counsel Services Between the Florin Resource Conservation District and JRG Attorneys at Law**

Chair Nelson asked the Board if they had any questions or comments on the agreement.

There were no questions or comments.

MSC (Medina/Scherman) to authorize the General Manager to execute the proposed Amended and Restated Agreement for General Counsel Services, between the Florin Resource Conservation District and JRG Attorneys at Law. 5/0: Ayes: Gray, Medina, Mulberg, Nelson, and Scherman.

### **5. Florin Resource Conservation District Election**

Board Secretary Stefani Phillips presented the item to the Board.

In summary, the Board has used the Election process to determine who will serve on the FRCD five (5) member board since 2002. The Board members individually serve a term of four (4) years. The current Board is comprised of the following five (5) members: Bob Gray, Lisa Medina, Elliot Mulberg, Tom Nelson, and Sophia Scherman. Every two (2) years an election is held. Preceding an election, the Board must adopt a resolution calling the Election. The resolution includes a description of the boundaries that contain the election and its purpose. The resolution also stipulates that candidates may purchase a 200-word candidate statement, which will be included in the voter's pamphlet. The District will have two (2) Board members whose terms will end in December 2020, Directors Medina and Scherman.

Director Scherman asked that staff find out how the election process will work during the quarantine and Chair Nelson asked that staff find out how the Board members can file remotely. Staff will keep the Board updated.

MSC (Medina/Mulberg) to adopt Resolution No. 04.21.20.01, calling the General Election and requesting consolidation with the November 3, 2020 statewide election; and authorize General Manager Mark J. Madison to sign on behalf of Chair Tom Nelson.5/0: Ayes: Gray, Medina, Mulberg, Nelson and Scherman.

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

Mr. Lee presented the item to the Board.

In summary, the revenues collected through the third quarter of the fiscal year total \$12,396,827 which is 81.71% of the \$15,172,244 annual budget. The revenues are \$872,503 or 7.57% above the same quarter of the prior year. This is due mainly to an overall increase in water consumption in FY 2019-20 as compared to FY 2018-19, as well as an increase in development resulting in more meter/water capacity/plan check fees.

Director Mulberg asked what the Bond Covenant ratio was. Mr. Lee explained that as of 3/31/2020 it is 1.189.

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

Mr. Lee presented the item to the Board

In summary, the total amount available for reserves at July 1, 2019 was \$16,082,657. Based on Board policy, the reserves are allocated first to the Operating Reserve (120 days of budgeted operating and maintenance expenses), then to the Fiscal Year (FY) 2019-20 capital budget, followed by elections/special studies, with the balance allocated to future capital improvements and future capital replacements in the ratio of 75:25, respectively. Through the third quarter of FY 2019-20, the District expended \$894,788 for capital projects leaving a remaining total reserve balance at March 31, 2019 of \$15,187,869. Total amount expended of \$897,788 includes \$92,734 of expenditures related to projects carrying over from prior year but not budgeted for in the FY 2019-20 Capital Improvement Program (CIP) program.

Vice-Chair Gray mentioned the District needs to increase the election reserve because the cost is going up. Mr. Lee explained the number will be higher when the budget is brought back in June or July. He mentioned there will be one (1) more reserve bucket and with that bucket, staff will adjust allocations of monies accordingly.

## **8. Board Policies**

Chair Nelson asked the Board if there is anyone who has questions or concerns on any of the policies presented.

In summary, staff with the assistance of Regional Government Services (RGS), General Counsel Ren Nosky, and Board Working Groups (BWG) prepared and reviewed the following draft amended Policies: California Public Records Act Request Policy, Legal Services Policy, Legislative and Regulatory Advocacy Policy, Purchasing of Products Containing Recycled



Materials Policy, and Travel Procedures and Expenditures Policy, including a revision to the Employee Policy Manual (Manual) Travel Procedures, Appendix D for the Board to approve. MSC (Scherman/Medina) to 1) Adopt Resolution No. 04.21.20.02, amending and replacing the California Public Records Act Request Policy; and 2) Adopt Resolution No. 04.21.20.03, amending and replacing the Legal Counsel Policy with the Legal Services Policy; and 3) Adopt Resolution No. 04.21.20.04, amending and replacing the Legislative Advocacy Policy with the Legislative and Regulatory Advocacy Policy; and 4) Adopt Resolution No. 04.21.20.05, amending and replacing the Purchasing of Products Containing Recycled Materials Policy; and 5) Adopt Resolution No. 04.21.20.06, amending and replacing the Travel Procedures and Expenditures Policy; and 6) Adopt Resolution No. 04.21.20.07, amending and replacing Appendix D – Travel Procedures and Expenditures Policy contained in the Manual. 4/0: Ayes: Gray, Medina, Mulberg, and Nelson.

## 9. Outside Agency Meetings Report

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

Mr. Madison informed the Board there is a potential for Regional Water Authority, Sacramento Central Groundwater Authority, and Sacramento Groundwater Authority to consolidate. He mentioned that he was asked to be a part of an Ad-Hoc meeting for the matter.

Interim Program Manager Jeff Ramos informed the Board that the Senate and Assembly were informed to cut the number of bills brought forward this year and limit them to COVID-19 legislation at this time, which means the District's bill, Assembly Bill (AB) 2095 - Water Theft Legislation will most likely not be moving forward.

## 10. Legislative Update

Mr. Ramos presented the legislative update to the Board. He mentioned the legislative session will reconvene on May 4, 2020. He explained that if what was told to the Senate and Assembly regarding only COVID-19 legislation coming through, the bills in the report will not be moving forward.

## 11. Directors Comments

Director Medina commended staff for how they are handling the District's business during these times and the other Board members echoed her appreciation.

Director Scherman congratulated Ms. Phillips and Administrative Assistant II (Confidential) Amber Kavert for their work with the Zoom meetings.

Chair Nelson praised staff for being innovative and looking out for each other and the public.

Adjourn to Regular Board Meeting on May 19, 2020.

Respectfully submitted,

*Stefani Phillips*

Stefani Phillips, Board Secretary  
AK/SP

## MINUTES OF THE SPECIAL MEETING OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS

Tuesday, May 5, 2020

The special meeting of the Florin Resource Conservation District Board of Directors was called to order at 6:00 p.m. by Tom Nelson, Chair, by zoom conference.

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

Directors Present: Bob Gray, Tom Nelson, Elliot Mulberg, Lisa Medina, Sophia Scherman  
Directors Absent: None  
Staff Present: Mark Madison, General Manager; Bruce Kamilos, Assistant General Manager; Patrick Lee, Treasurer; Stefani Phillips, Board Secretary; Donella Murillo, Finance Supervisor; Jeff Ramos, Interim Program Manager; Travis Franklin, Program Manager; Amber Kavert, Administrative Assistant II (Confidential)  
Staff Absent: None  
Associate Directors Present: Paul Lindsay  
Associate Directors Absent: None  
General Counsel Present: Ren Nosky, JRG Attorneys at Law

### Public Comment

Nothing to report.

### 1. Financial Impact of COVID-19

General Manager Mark Madison introduced the item to the Florin Resource Conservation District (District) Board of Directors (Board). He explained staff has prepared a PowerPoint presentation to show the financial impact of COVID-19 on the District for the month of April.

Finance Manager Patrick Lee presented the PowerPoint to the Board. In summary, COVID-19 cost the District \$130, 128 in the month of April.

Director Sophia Scherman stated she received a bill insert that did not have the logo on it and asked that staff put the District's logo on every document that is sent out.

Chair Tom Nelson commented about the large number of customers not paying their bills. He suggested sending out a letter to customers regarding payment arrangements. The Board agreed now is not the right time to send the letter. Staff will prepare a letter and bring it back at a later date for the Board to review.

Mr. Lee presented and explained the Coronavirus Response Legislation letter that staff was requesting the Board to approve.

Vice-Chair Bob Gray expressed his concern about the letter being a lie. Mr. Madison responded, he could see how Vice-Chair Gray could see that, but mentioned COVID-19 could go on for awhile. The Board held a discussion and a recommendation was made to add Senator Kamala Harris to the addressees of the letter. Staff will add Senator Harris and send out the letter.

MSC (Medina/Mulberg) to approve the issuance of a letter to the District's members of congress requesting that subsequent phases of economic stimulus legislation address the economic impacts for water systems due to the Coronavirus pandemic. 4/1: Ayes: Medina, Mulberg, Nelson, and Scherman. Noes: Gray

## 2. Draft Budget Worksheet for the Elk Grove Water District Fiscal Year 2020-21 Operating Budget

Mr. Lee presented the item to the Board. He provided background of the draft budget worksheet.

Mr. Lee explained the Revenues portion of the draft budget worksheet.

Director Elliot Mulberg asked about compliance with Senate Bill (SB) X7-7. Mr. Lee mentioned he is not aware and will get back to Director Mulberg. Mr. Madison explained that SB X7-7 is water reduction of 20% by 2020 bill that was enacted by Governor Arnold Schwarzenegger and that the District is basically at that mark already.

Vice-Chair Gray suggested that the District not have a rate increase for the next fiscal year, in order to improve the District's relationship with the ratepayers.

Mr. Lee presented the Expenditures and Net Revenues portions of the draft budget worksheet.

Vice-Chair Gray explained that he does not like seeing Capital Expenditures on the Operating Budget. Mr. Lee explained other Water Districts show their capital spending and if the District did not show their "pay-as-we-go" capital it would make the District look extremely profitable. He mentioned the District shows the Capital Expenditures for transparency.

Mr. Nelson asked what the next step is for the budget. Mr. Lee explained staff will make changes to the budget worksheet from the comments and recommendations by the Board at this meeting and work on compiling the draft budget document to bring to the May Regular Board Meeting. Any changes requested by the Board at the May meeting will be made by staff and brought to the Board for final approval at the June Regular Board Meeting.

Adjourn to Regular Board Meeting on May 19, 2020 at 6:30 p.m.

Respectfully submitted,

*Stefani Phillips*

Stefani Phillips, Board Secretary  
AK/SP

Check History Report

4/1/2020 to 4/30/2020

Elk Grove Water District

Check Number	Check Date	Vendor Number	Name	Check	Explanation
050922	4/1/2020	AMAZON	AMAZON CAPITAL SERVICES	29.48	
050923	4/1/2020	CCPPM	CCPPM	68.91	
050924	4/1/2020	CINTAS2	CINTAS	184.81	
050925	4/1/2020	COUNTY4	SACRAMENTO COUNTY UTILITIES	67.28	
050926	4/1/2020	CR PARU	PATRICIA RUSLI	59.80	
050927	4/1/2020	EG FORD	ELK GROVE FORD	1,689.15	Repairs & Maintenance - Ford 550
050928	4/1/2020	FRONT C	FRONTIER COMMUNICATIONS	247.60	
050929	4/1/2020	HACH	HACH COMPANY	350.79	
050930	4/1/2020	INT STA	INTERSTATE OIL COMPANY	1,105.25	Fuel
050931	4/1/2020	KEVIN Y	KEVIN YOUNG CONCRETE	1,750.00	Saw Cut & Removal Damaged Concrete/Dowel - Distribution Crew
050932	4/1/2020	NTS	NTS MIKEDON. LLC	256.00	
050933	4/1/2020	PACE	PACE SUPPLY CORP	2,784.31	(2) Invoices - Materials & Supplies - OPS
050934	4/1/2020	PIT 2	PITNEY BOWES GLOBAL FINANCIAL	184.33	
050935	4/1/2020	SIERRA	SIERRA OFFICE SUPPLIES	355.43	
050936	4/8/2020	ACWA JP	ACWA JPIA	27,268.23	Workers' Compensation Program - Quarter - 3
050937	4/8/2020	BG SOLU	SOLUTIONS BY BG INC.	10,027.50	Daily Tasks/Help Tickets
050938	4/8/2020	BSK4	BSK ASSOCIATES	690.00	Sampling - Treatment
050939	4/8/2020	CINTAS2	CINTAS	184.81	
050940	4/8/2020	COVERA	COVERALL NORTH AMERICA, INC	360.00	
050941	4/8/2020	CRF COE	CITY OF ELK GROVE-PUBLIC WORKS	2,063.35	Encroachment & Overhead Allocation Charges - Back Yard Water Mains
050942	4/8/2020	CS DM	CARD SERVICES	257.67	Contracted Services, Supplies, Software Programs
050943	4/8/2020	DB COLS	DB CONSTRUCTIONAL LANDSCAPE	1,680.00	Landscaping Maintenance - Wells Sites, MOC & ADMIN
050944	4/8/2020	GRAINGE	GRAINGER	66.48	
050945	4/8/2020	HERBURG	HERBURGER PUBLICATIONS, INC	620.00	Advertising - Home & Garden
050946	4/8/2020	HOLT	HOLT OF CALIFORNIA	737.51	Repairs & Maintenance - Equipment Utility Crew
050947	4/8/2020	INT STA	INTERSTATE OIL COMPANY	524.88	Fuel
050948	4/8/2020	JRG	JRG ATTORNEYS, LLP	4,400.00	Legal - March 2020
050949	4/8/2020	LCW	LIEBERT CASSIDY WHITMORE	191.00	Legal - February 2020
050950	4/8/2020	MACWATT	MACLEOD WATTS, INC.	7,700.00	Actuarial Valuation OPEB & GASB 75 Reporting
050951	4/8/2020	PACE	PACE SUPPLY CORP	741.52	Materials & Supplies - Distribution Crew
050952	4/8/2020	RCW	RIVER CITY WASTE RECYCLERS LLC	162.00	
050953	4/8/2020	RDO EQU	RDO EQUIPMENT CO.	1,679.52	Repairs & Maintenance - Vactor
050954	4/8/2020	REPUBLI	REPUBLIC SERVICES #922	1,686.48	
050955	4/8/2020	SMUD	SMUD	511.58	
050956	4/8/2020	SOUTHWE	SOUTHWEST ANSWERING SERVICE,	559.51	After Hours Answering Service - On call
050957	4/8/2020	TEICHA	TEICHERT AGGREGATES	592.57	Materials & Supplies - Utility Crew
050958	4/8/2020	TRUEPOI	TRUEPOINT SOLUTIONS	10,750.00	Annual Service & Maintenance Agreement - May 2020 - April 2021
050959	4/8/2020	USS	UNITED SITE SERVICES	857.31	Facilities Rental - Utility Crew
050960	4/14/2020	BATTER	BATTERIES PLUS	104.73	

050961	4/14/2020	BRINKS	BRINK'S INCORPORATED	373.25	Flat Sawing, Asphalt & Concrete - Back Yard Water Mains
050962	4/14/2020	CAL CUT	CALIFORNIA CUT & CORE, INC	1,636.00	Strategic Plan Brochures
050963	4/14/2020	CITRA	CITRA COMMUNICATIONS LLC	644.43	Ethernet Service/Phones-MOC/ADMIN
050964	4/14/2020	CONSOLI	CONSOLIDATED COMMUNICATIONS	1,325.26	
050965	4/14/2020	COVER A	COVERALL NORTH AMERICA, INC	499.00	
050966	4/14/2020	CRFCOND	CONSTRUCTION DEVELOPERS	682.18	Construction Meter- Deposit Refund
050967	4/14/2020	CS AA	CARD SERVICES	1,186.22	Materials & Supplies - Utility Crew
050968	4/14/2020	CS BK	CARD SERVICES	62.22	Parking, Zoom Download, Materials
050969	4/14/2020	CS SH	CARD SERVICES	828.70	Materials & Supplies - Distribution Crew
050970	4/14/2020	CS SS	CARD SERVICES	292.57	Materials & Supplies - Treatment
050971	4/14/2020	DATAPRO	DATAPROSE LLC	5,758.61	Monthly Billing for March
050972	4/14/2020	EMER SI	EMERALD SITE SERVICES, INC	250.00	
050973	4/14/2020	FASTENA	FASTENAL COMPANY	128.65	
050974	4/14/2020	JAYS	JAY'S TRUCKING SERVICE	638.17	Vacuum Truck Dump Fees & Dirt Dump Charges
050975	4/14/2020	PURCH	PURCHASE POWER	520.99	Postage Machine - ADMIN
050976	4/14/2020	SAC 5	SACRAMENTO COUNTY	20.00	
050977	4/14/2020	SAC 5	SACRAMENTO COUNTY	20.00	
050978	4/14/2020	SAC 5	SACRAMENTO COUNTY	20.00	
050979	4/14/2020	SIERRA	SIERRA OFFICE SUPPLIES	43.59	
050980	4/14/2020	SMUD	SMUD	851.28	
050981	4/14/2020	SMUD	SMUD	820.53	
050982	4/14/2020	SMUD	SMUD	1,580.06	
050983	4/14/2020	SMUD	SMUD	12,920.37	
050984	4/14/2020	SMUD	SMUD	42.22	
050985	4/14/2020	SMUD	SMUD	2,984.19	
050986	4/14/2020	SMUD	SMUD	1,673.82	
050987	4/14/2020	VERIZON	VERIZON WIRELESS	499.55	
050988	4/22/2020	ACWA JP	ACWA JPIA	65,443.06	Medical Benefits - May 2020
050989	4/22/2020	AMAZON	AMAZON CAPITAL SERVICES	189.04	
050990	4/22/2020	BAY ALA	BAY ALARM COMPANY	48.06	
050991	4/22/2020	BEN RES	BENEFIT RESOURCE, INC	100.00	Daily Tasks/Help Tickets
050992	4/22/2020	BG SOLU	SOLUTIONS BY BG INC.	8,758.75	Sampling -Treatment
050993	4/22/2020	BSK4	BSK ASSOCIATES	1,189.00	
050994	4/22/2020	CAL CUT	CALIFORNIA CUT & CORE, INC	1,295.00	Core Drilling & Flat Sawing - Back Yard Water Mains
050995	4/22/2020	CINTAS2	CINTAS	184.81	
050996	4/22/2020	COUNTY3	COUNTY OF SACRAMENTO	50.00	
050997	4/22/2020	COUNTY9	SACRAMENTO COUNTY RECORDER	20.00	
050998	4/22/2020	CPS	COOPERATIVE PERSONNAL	6,033.26	Recruitment Services - Program Manager
050999	4/22/2020	CRF BOD	BLESSING ODUNI	20.00	Account Closed - Customer Refund
051000	4/22/2020	CRF CCA	CHRISTOPHER CARVIN	7.89	Account Closed - Customer Refund
051001	4/22/2020	CRF CGA	CGA PROPERTY MANAGEMENT INC.	2.51	Account Closed - Customer Refund
051002	4/22/2020	CRF CH2	CHICAGO TITLE COMPANY	22.17	Account Closed - Customer Refund
051003	4/22/2020	CRF CSI	CHRISTOPHER SIMS	33.25	Account Closed - Customer Refund
051004	4/22/2020	CRF DAV	DAVID BROWN	70.75	Account Closed - Customer Refund
051005	4/22/2020	CRF FT2	FIDELITY NATIONAL TITLE	515.59	Account Closed - Customer Refund
051006	4/22/2020	CRF LEN	LENNAR HOMES CA, INC	33.63	Account Closed - Customer Refund
051007	4/22/2020	CRF LEN	LENNAR HOMES CA, INC	21.70	Account Closed - Customer Refund

051008	4/22/2020	CRF LEN	LENNAR HOMES CA, INC	3.95	Account Closed - Customer Refund
051009	4/22/2020	CRF LEN	LENNAR HOMES CA, INC	61.15	Account Closed - Customer Refund
051010	4/22/2020	CRF LEN	LENNAR HOMES CA, INC	0.95	Account Closed - Customer Refund
051011	4/22/2020	CRF LEN	LENNAR HOMES CA, INC	0.70	Account Closed - Customer Refund
051012	4/22/2020	CRF LEN	LENNAR HOMES CA, INC	0.73	Account Closed - Customer Refund
051013	4/22/2020	CRF LEN	LENNAR HOMES CA, INC	38.17	Account Closed - Customer Refund
051014	4/22/2020	CRF LEN	LENNAR HOMES CA, INC	76.51	Account Closed - Customer Refund
051015	4/22/2020	CRF NCK	NANCY COKLIN	50.63	Account Closed - Customer Refund
051016	4/22/2020	CRF NGH	NGHI XUAN HONG LAM	5.40	Account Closed - Customer Refund
051017	4/22/2020	CRF SFT	STRASSBURG FAMILY TRUST	86.11	Account Closed - Customer Refund
051018	4/22/2020	CRF TLA	TIMOTHY LARSON	58.67	Account Closed - Customer Refund
051019	4/22/2020	CS MJM	CARD SERVICES	7.50	Parking
051020	4/22/2020	CSI	CSI SERVICES, INC	7,931.44	Maintenance Inspection of Reservoirs 1 & 2 at RRWTF
051021	4/22/2020	DMV	DMV	4.00	
051022	4/22/2020	HAR UJ	HARPREET UJAGAR	600.00	Customer Refund of Overpayments
051023	4/22/2020	INT STA	INTERSTATE OIL COMPANY	921.46	Fuel
051024	4/22/2020	KEVIN Y	KEVIN YOUNG CONCRETE	1,750.00	Concrete Services - Back Yard Water Mains
051025	4/22/2020	MUNIQUI	MUNIQUIP, INC	4,114.13	Repairs & Maintenance for Treatment
051026	4/22/2020	OUELLET	DONELLA MURILLO	56.11	Reimbursements for Facial Coverings
051027	4/22/2020	PG&E	PACIFIC GAS & ELECTRIC COMPANY	115.53	
051028	4/22/2020	S CHEM	SIERRA CHEMICAL COMPANY	369.30	
051029	4/22/2020	SIERRA	SIERRA OFFICE SUPPLIES	1,878.87	(6) Invoices - Materials & Supplies - OPS/ADMIN
051030	4/22/2020	SWRCB2	SWRCB-DWOCB	110.00	Wastewater Renewal Certification - Steve Shaw
051031	4/22/2020	TESCO	TESCO CONTROLS, INC	5,769.87	PLC Programming and SCADA Configuration Services
051032	4/22/2020	USBANK	U.S. BANK EQUIPMENT FINANCE	618.23	Copier - ADMIN

**Bank 1 Total:**

**228,519.53**

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

**As of 4/30/2020**

<b>INDIVIDUAL</b>	<b>DESCRIPTION</b>	<b>AMOUNT PAID</b>
Steve Shaw	Waterwater Renewal Certification	\$110.00
		<b>\$110.00</b>

**Elk Grove Water District  
Active Account Information  
As of 4/30/2020**

	<b>JULY</b>	<b>AUG</b>	<b>SEPT</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUNE</b>
<b>Water Accounts:</b>												
<b>Metered</b>												
<b>Residential</b>	11,857	11,891	11,889	11,905	11,941	11,927	12,060	12,064	12,157	12,149		
<b>Commercial</b>	363	363	365	365	362	362	362	365	363	363		
<b>Irrigation</b>	170	170	170	173	175	175	175	174	176	177		
<b>Fire Service</b>	181	181	181	183	181	181	181	181	181	181		
<b>Total Accounts</b>	12,571	12,605	12,605	12,626	12,659	12,645	12,778	12,784	12,877	12,870	-	-

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

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



**Elk Grove Water District**  
**Bond Covenant Status**  
**For Fiscal Year 2019-20**  
**As of 04/30/2020**  
**Adjusted for Prepayments**

<b>Operating Revenues:</b>	
<b>Charges for Services</b>	\$ 13,503,141
 <b>Operating Expenses:</b>	
Salaries & Benefits (2)	3,201,951
Seminars, Conventions and Travel	29,217
Office & Operational	939,972
Purchased Water	2,477,188
Outside Services	654,166
Equipment Rent, Taxes, and Utilities	353,515
Total Operating Expenses	7,656,008
<b>Net Operating Income</b>	<b>\$ 5,847,132</b>
Annual Interest & Principal Payments	
\$3,826,739	\$ 3,188,949 (1)
<b>Debt Service Coverage Ratio, YTD Only:</b>	<b>1.83</b>
<b>Required</b>	<b>1.15</b>

- Notes:**
1. **Reflects budget divided by number of months year to date.**  
 However, first Principal/Interest Payments made in September.  
 Projected Annual Budget Coverage Ratio is **1.38**
  2. Reflects only YTD due to CalPERS, not entire prepayment for year.

**Elk Grove Water District**  
**Year to Date Revenues and Expenses Compared to Budget**  
**As of 04/30/2020**

	General Ledger Reference	YTD Activity	Annual Budget	10/12=83.33% Variance	% Realized
Revenues	4100 - 4900	\$ 13,503,141	\$ 15,172,243	\$ (1,669,102)	89.00%
Salaries & Benefits	5100 - 5280	3,411,447	4,332,850	(921,403)	78.73%
less Capitalized Labor		(180,994)	(424,667)	243,673	42.62%
Less CalPERS Prepayment for Remainder of Year: (1)		(28,503)			
Adjusted Salaries and Benefits:		\$ 3,201,951	\$ 3,908,183	(706,232)	81.93%
Seminars, Conventions and Travel	5300 - 5350	29,217	51,124	(21,907)	57.15%
Office & Operational	5410 - 5494	939,972	1,208,164	(268,192)	77.80%
Purchased Water est. (2)	5495 - 5495	2,477,188	3,135,689	(658,501)	79.00%
Outside Services	5505 - 5580	654,166	1,160,573	(506,407)	56.37%
Equipment Rent, Taxes, Utilities	5620 - 5760	353,515	416,200	(62,685)	84.94%
<b>Total Operational Expenses</b>		<b>\$ 7,656,008</b>	<b>\$ 9,879,933</b>	<b>\$ (2,223,925)</b>	<b>77.49%</b>
<b>Net Operating Income</b>		<b>\$ 5,847,132</b>	<b>\$ 5,292,310</b>	<b>\$ 554,822</b>	<b>110.48%</b>
<b>Non-Operating Revenues</b>					
Interest Received	9910 - 9910	181,035	100,000	81,035	181.04%
Unrealized Gains/Losses	9911 - 9911	78,238	-	78,238	100.00%
Other Income/Expense	9920 - 9973	37,175	-	37,175	100.00%
<b>Total Non-Operating Revenues</b>		<b>\$ 296,449</b>	<b>\$ 100,000</b>	<b>\$ 196,449</b>	<b>296.45%</b>
<b>Non-Operating Expenses</b>					
Election Costs	9950 - 9950	-	-	-	0.00%
<b>All other Non-Operating Expenses</b>					
<b>Capital Expenses (3):</b>					
Capital Improvements	1705 - 1760	269,870	275,000	(5,130)	98.13%
Capital Replacements	1705 - 1760	598,737	1,463,000	(864,263)	40.93%
Unforeseen Capital Projects	1705 - 1760	39,350	100,000	(60,650)	39.35%
<b>Capital Expenses:</b>		<b>\$ 907,957</b>	<b>\$ 1,838,000</b>	<b>\$ (930,043)</b>	<b>49.40%</b>
<b>Bond Interest Accrued (4)</b>	<b>7300 - 7300</b>	<b>1,384,783</b>	<b>1,661,739</b>	<b>(276,957)</b>	<b>83.33%</b>
<b>Total Non Operating Expenses</b>		<b>\$ 2,292,740</b>	<b>\$ 3,499,739</b>	<b>\$ (1,206,999)</b>	<b>65.51%</b>
<b>Revenues in Excess of All Expenditures, including Capital</b>		<b>\$ 3,850,842</b>	<b>\$ 1,892,571</b>	<b>\$ 1,958,271</b>	<b>203.47%</b>
<b>Bond Retirement (4):</b>		<b>\$ 1,804,167</b>	<b>\$ 2,165,000</b>	<b>\$ (360,833)</b>	<b>83.33%</b>
<b>Net Position after Capital and Debt Retirement Expenditures</b>		<b>\$ 2,046,675</b>	<b>\$ (272,429)</b>	<b>\$ 2,319,104</b>	

**Notes:**

- The District prepays CalPERS for the employers' share of retirement costs for the entire year. By doing this, the District saves approximately 3.56% in its total CalPERS payments for the year. The adjusted salaries and benefits above shows what salaries and benefits would be if only the amount due to CalPERS YTD was paid YTD, with no prepayment.
- There is a lag in water billings from the Sacramento County Water Agency. Included above is an estimate of costs to date based on water used.
- YTD Activity includes \$180,994 in capitalized labor charged to capital projects.
- Bond retirement payments are made two times a year in September and March

**Florin Resource Conservation District  
CASH - Detail Schedule of Investments  
As of 4/30/2020**

<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	0.00
1112-000-20 Water	BNY 743850 FRCD 2016A DEBT SERVICE	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	-
1001-000-20 Water	Cash on Hand			<b>Subtotal</b>	<b>\$ 300.00</b>
<u>HELD BY F&amp;M BANK:</u>					
1011-000-10 FRCD	F&M 08-032009-01 CHECKING ACCOUNT			Unrestricted	109.26
1011-000-20 Water	F&M 08-032017-01 OPERATING ACCOUNT			Unrestricted	684,895.44
1084-000-20 Water	F&M 08-03201702-31 MONEY MARKET		0.91%	Unrestricted	2,501,077.43
1031-000-20 Water	F&M 08-032912-01 CREDIT CARD ACCOUNT			Unrestricted	438,949.89
1061-000-20 Water	F&M 08-032890-01 PAYROLL ACCOUNT			Unrestricted	152,174.05
1071-000-20 Water	F&M 08-032920-01 DRAFTS ACCOUNT			Unrestricted	101,164.15
				<b>Subtotal</b>	<b>\$ 3,878,370.22</b>
<u>INVESTMENTS</u>					
1080-000-20 Water	Office of the Treasurer - Sacramento California	LAIF	Investment Pool	Unrestricted	<b>\$ 7,408,386.16</b>
1081-000-20 Water	CAL Trust Medium Term		Investment	Unrestricted	<b>\$ 1,374,155.93</b>
1082-000-20 Water					
	<u>PURCHASE DATE</u>	<u>ISSUED BY</u>	<u>MATURITY DATE</u>	<u>Current Yield</u>	<u>MARKET VALUE</u>
	9/30/2016	Union Bank of California	N/A	0.05%	\$ 1,175,707.56
	1/15/2020	Federal Home Loan (FHLB)	1/10/2024	1.870%	\$ 1,000,000.00
	4/8/2020	Federal Home Loan (FHLB)	10/1/2022	1.120%	\$ 1,002,210.00
	11/25/2019	Federal Home Loan (FHLB)	11/25/2022	1.810%	\$ 1,000,000.00
	11/18/2019	Federal Home Loan (FHLB)	3/25/2025	1.200%	\$ 1,007,530.00
					<b>\$ 5,175,707.56</b>
				<b>Total</b>	<b>\$ 17,846,399.87</b>
				<b>Total Restricted</b>	<b>\$ -</b>
				<b>Total Unrestricted</b>	<b>\$ 17,846,399.87</b>

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

**Consultant Expenses**  
As of 4/30/2020

**Fiscal Retainer Contracts**

Consultant	Description	Total Contract	Current Month	Paid to date	2019-2020 FY Budget	Percent of year (83%)
JRG Attorneys, LLP	Task orders	TBD	\$ 4,400	\$ 59,705		
Murphy Austin Adams Schoenfeld LLP	Task orders	TBD	\$ -			
Liebert Cassidy Whitmore	Task orders	TBD	\$ 191	\$ 3,612		
<b>Total</b>			<b>\$ 4,591</b>	<b>\$ 63,317</b>	<b>\$ 175,000</b>	<b>36.18%</b>
Solutions by BG, Inc.	Task orders	725,050	\$ 18,786	\$ 187,299	\$ 253,500	73.89%

**Major Contracts**

Consultant	Description	Total Contract	Current Month	Paid to date	2018-2019 FY Budget	Percent of Contract Amount
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**Elk Grove Water District  
Major Capital Improvement Project  
Budget vs Actuals  
As of 4/30/2020**

Capital Project	Total Project Budget	Total Project Exp to Date	Percent Spent	Capitalized Labor	Fund Type	Project Type	2019-20 Budget		April Project Exp	Total YTD (1)	YTD % Spent
							\$				
Backyard Water Mains/Service Replacement	\$ 1,684,000	\$ 934,114	55.47%	\$ 180,169	R&R	Supply/Distribution	\$ 1,240,000	\$ 7,150	\$ 470,687	37.96%	
Well Rehabilitation Program	98,000	4,586	4.68%	-	R&R	Supply/Distribution	98,000	250	4,586	4.68%	
Service Line Replacements	750,000	704,193	93.89%	825	R&R	Supply/Distribution	-	-	2,245	100.00% (2)	
Bore Rig Replacement	125,000	121,219	96.98%	-	R&R	Building and Site	125,000	-	121,219	96.98% (3)	
Well 4D Radio Antenna	30,000	-	0.00%	-	CIP	Treatment	30,000	-	-	0.00%	
RRWTP Variable Frequency Drives	75,000	71,949	95.93%	-	CIP	Treatment	75,000	5,770	71,949	95.93%	
Truck Replacements	120,000	-	0.00%	-	CIP	Building and Site	120,000	-	174,687	145.57% (4)	
HVWTP Roof Replacement	20,000	-	0.00%	-	CIP	Building and Site	20,000	-	-	0.00%	
I.T. Servers	30,000	23,235	77.45%	-	CIP	Building and Site	30,000	-	23,235	77.45%	
Unforeseen Capital Projects	100,000	-	0.00%	-	-	-	100,000	-	39,350	39.35% (5)	
<b>Sub-Total</b>	<b>\$ 3,032,000</b>	<b>\$ 1,859,295</b>	<b>61.32%</b>	<b>\$ 180,994</b>			<b>\$ 1,838,000</b>	<b>\$ 13,170</b>	<b>\$ 907,957</b>	<b>49.40%</b>	

- (1) Includes \$180,994 in capitalized labor through 04/30/2020
- (2) Capital projects budgeted for in prior years, however, work carried over and completed in current year.
- (3) Budget for Well 3 Pump Replacement was reallocated to Bore Rig Replacement in Feb 2020
- (4) Includes truck purchase of \$90,489 budgeted for and purchased in FY 2018-19, delivered and paid for in FY 2019-20
- (5) Includes unforeseen capital projects, including:
 

Mr. Security Camera	\$ 11,923
Perryman Mechanical, Inc.	\$ 6,359
GSFM (Meter reading equip)	\$ 21,068
<b>Total</b>	<b>\$ 39,350</b>

May 19, 2020

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Mark J. Madison, General Manager

SUBJECT: **CITY OF SACRAMENTO, SACRAMENTO COUNTY WATER AGENCY, AND GOLDEN STATE WATER COMPANY PROPOSED GROUNDWATER SUBSTITUTION TRANSFER OUT OF THE SOUTH AMERICAN GROUNDWATER SUBBASIN**

### **RECOMMENDATION**

It is recommended that the Florin Resource Conservation District Board of Directors authorize the General Manager to submit a comment letter to the State Water Resources Control Board on the City of Sacramento Petition for Change Involving Water Transfer Under Permit 11360 dated April 30, 2020 (State Water Resources Control Board Application 12622).

### **SUMMARY**

The City of Sacramento, Sacramento County Water Agency (SCWA) and Golden State Water Company have partnered to implement a groundwater substitution transfer (Transfer)<sup>1</sup> of 4,000 acre-feet out of the South American Groundwater Subbasin (Basin). The Transfer would free up surface water that would be sold to the State Water Project Contractors on behalf of Dudley Ridge Water District, Kern County Water Agency, County of Kings, Tulare Lake Basin Water Storage District, Palmdale Water District and Alameda County Water Agency.

The Sacramento Central Groundwater Authority (SCGA) is the Groundwater Sustainability Agency (GSA) for the affected portion of the Basin impacted by the Transfer. The Florin Resource Conservation District (FRCD) is one of sixteen board members of SCGA, and FRCD's General Manager is currently serving as a SCGA Board member.

Staff recommends the FRCD Board of Directors (Board) authorize the General Manager to submit a comment letter to the State Water Resources Control Board on the City of Sacramento Petition for Change Involving Water Transfer Under Permit 11360 dated April 30, 2020.

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<sup>1</sup> The total Transfer is for 18,500 acre-feet (14,000 acre-feet by City of Sacramento), but we only focus on the portion of the Transfer affecting groundwater being transferred out of the South American Groundwater Subbasin.

**CITY OF SACRAMENTO, SACRAMENTO COUNTY WATER AGENCY, AND GOLDEN STATE WATER COMPANY PROPOSED GROUNDWATER SUBSTITUTION TRANSFER OUT OF THE SOUTH AMERICAN GROUNDWATER SUBBASIN**

Page 2

**DISCUSSION**

Background

The SCGA is the GSA for a large portion of the South American Groundwater Subbasin (Basin). The primary function of SCGA is to ensure the sustainability of groundwater within the Basin. The FRCD is one of sixteen board members of SCGA and plays an active role in ensuring the Basin will be managed sustainably.

Present Situation

On April 28, 2020, the Executive Director of SCGA received a letter from the City of Sacramento, SCWA, and Golden State Water Company notifying SCGA of plans to implement a Transfer of 4,000 acre-feet of water. The Transfer would include the substituted use of groundwater in order to free up surface water that would be sold and transferred to the State Water Project Contractors on behalf of Dudley Ridge Water District, Kern County Water Agency, County of Kings, Tulare Lake Basin Water Storage District, Palmdale Water District and Alameda County Water Agency.

Staff has concerns about the Transfer in that it is premature before a Groundwater Sustainability Plan (GSP) is developed for the Basin, there is no water accounting framework in place for this Basin, and the potential harm to the groundwater users in the Basin caused by this Transfer is unknown. It is also unclear if the parties have properly complied with the California Environmental Quality Act (CEQA).

At this time, based on the information presented to staff and obtained from the public record, staff recommends the Board authorize the General Manager to submit a comment letter to the State Water Resources Control Board on the City of Sacramento Petition for Change Involving Water Transfer Under Permit 11360 dated April 30, 2020.

**ENVIRONMENTAL CONSIDERATIONS**

There are no environmental considerations for the Board associated with this item.

May 19, 2020

**CITY OF SACRAMENTO, SACRAMENTO COUNTY WATER AGENCY, AND GOLDEN STATE WATER COMPANY PROPOSED GROUNDWATER SUBSTITUTION TRANSFER OUT OF THE SOUTH AMERICAN GROUNDWATER SUBBASIN**

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**STRATEGIC PLAN CONFORMITY**

The recommendation made in this staff report conforms to Goal 7, Water Industry Leadership, of the FRCD/EGWD 2020-2025 Strategic Plan, which directs the FRCD to actively participate in regional and statewide water efforts.

**FINANCIAL SUMMARY**

It is estimated that costs associate with legal support to prepare a comment letter will be less than \$5,000.

Respectfully submitted,



MARK J. MADISON  
GENERAL MANAGER

MJM/bk



May 19, 2020

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

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### **RECOMMENDATION**

It is recommended that the Florin Resource Conservation District Board of Directors accept the minutes of the Infrastructure Committee Meeting held on Wednesday, April 8, 2020.

### **SUMMARY**

The Florin Resource Conservation District (FRCD) Board of Directors (Board) has requested a summary of committee meetings when they occur between Regular Board Meetings. There was one (1) committee meeting in the month of April. The Infrastructure Committee (IC) Meeting met on Wednesday, April 8, 2020 to review the Fiscal Year (FY) 2021-2025 Capital Improvement Program.

By this action, if approved, the Board will accept the minutes (attached) of the Infrastructure Committee Meeting held on Wednesday, April 8, 2020.

### **DISCUSSION**

#### **Background**

At the Regular Board Meeting held on May 27, 2015, the Board 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.

At the Regular Board Meeting held on February 18, 2020, the Board pulled Committee Meetings as a standing report on the agenda. Committee Meetings will only be brought to the Board if a meeting has occurred between Regular Board Meetings.

**COMMITTEE MEETINGS**

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Present Situation

One (1) committee meeting was held in the month of April. The IC met on Wednesday, April 8, 2020 to review the FY 2021-2025 CIP. The committee provided comments and felt that it was not necessary to hold a second meeting to review the CIP before bringing it to the full Board in June.

Staff recommends the Board accept the minutes of the Infrastructure Committee Meeting held on Wednesday, April 8, 2020.

**ENVIRONMENTAL CONSIDERATIONS**

There are no direct environmental considerations associated with this report.

**STRATEGIC PLAN CONFORMITY**

The Committee Meetings report shows the development of annual financing plans and conforms with Strategic Goal No. 2, Fiscal Responsibility, of the Strategic Plan 2020-2025.

**FINANCIAL SUMMARY**

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

Respectfully Submitted,



STEFANI PHILLIPS,  
BOARD SECRETARY

Attachment

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

**Wednesday, April 8, 2020**

**Attendance:**

Committee Members: Bob Gray, Vice-Chair  
Lisa Medina, Director  
Paul Lindsay, Associate Director

Staff: Mark J. Madison, General Manager  
Bruce Kamilos, Assistant General Manager  
Stefani Phillips, Board Secretary  
Patrick Lee, Board Treasurer  
Amber Kavert, Administrative Assistant II (Confidential)

Public: None

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

**1. Draft Fiscal Year 2021-2025 Capital Improvement Program**

Bruce Kamilos, Assistant General Manager presented the Draft Fiscal Year (FY) 2021-25 Capital Improvement Program (CIP) to the members of the Infrastructure Committee (Committee).

Mr. Kamilos provided a brief background on how the CIP is created with the asset management program meeting.

Mr. Kamilos presented the 5-Year CIP Summary (Table 1), which summarizes all projects for the next five (5) years. He explained the Water Meter Replacement Program will be pulled out of the CIP, which will dramatically affect the CIP budget. Mr. Kamilos also mentioned adding ChlorTec Electrolytic Cells Replacement under the Treatment section of the CIP for FY 2023-24.

Paul Lindsay, Associate Director asked what Mr. Kamilos meant regarding the Water Meter Replacement Program being expensed or individually expensed. Patrick Lee, Board Treasurer/Finance Manager explained, to be a capital asset an item has to meet the criteria of exceeding \$5,000 and having at least a five (5) year life, which individual meters do not meet, therefore the District will individually expense them as they are replaced and it will not be included in the CIP.

There was a discussion on the Backyard Water Main Project regarding the reality of getting the work done internally. Mr. Kamilos explained to the Committee that two (2) years is a realistic timeline to have the project completed. Discussion continued on the subject.

The Committee reviewed FY 2021-22 CIP projects:

Well Rehabilitation is a part of this FY CIP. Mr. Kamilos mentioned this is not done by the District's staff and explained how the District decides to rehabilitate wells. Lisa Medina, Director asked why well destruction is not in the CIP. Mr. Lee explained it is not a capital expense and the terms of the cost to abandon/destroy wells falls under normal operating expenses. Well 14D will be added for rehabilitation this year and 4D will be done in the next FY.

Mr. Kamilos explained the Service Line Replacement Project is completed, all that is left is to fill the potholes that were created from the project.

Security Cameras for the Railroad Treatment Plant were discussed. Director Medina would like the security cameras to be completed as soon as possible. Mr. Kamilos explained to her once the budget is approved, staff will get the security cameras up.

The Committee talked about FY 2022-23 and FY 2023-24 CIP projects:

Mr. Kamilos was asked about the justification for an additional Backhoe Loader. He explained the current Backhoe Loader belongs primarily to the Utility department, causing the Distribution department to defer repair and maintenance projects until it is available for them to use. Mr. Kamilos explained the purchase of another Backhoe Loader would cause the District to be more responsive and the main justification would be a more productive workforce. Mr. Lindsay asked for a cost analysis regarding the deferral of jobs and construction due to waiting on the one (1) Backhoe Loader, to which Mr. Kamilos mentioned there is enough evidence to put together reasonable assumption and he will email the Committee with that information.

Mr. Lindsay suggested changing the layout of the CIP to show the highest priority project at the top to the lowest priority at the bottom.

Mr. Kamilos summarized the revisions that need to be made to the CIP document. He stated he will make the changes proposed and take any other suggestions by email.

Mr. Kamilos inquired if the committee would like to meet for a second meeting. The committee replied that a second meeting is not needed.

Respectfully submitted,

*Stefani Phillips*

Stefani Phillips, Secretary

SP/AK

May 19, 2020

TO: Chair and Directors of the Florin Resource Conservation District  
FROM: Mark J. Madison, General Manager  
SUBJECT: **ELK GROVE WATER DISTRICT OPERATIONS REPORT – APRIL 2020**

### **RECOMMENDATION**

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

### **SUMMARY**

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

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

### **DISCUSSION**

#### **Background**

Every month, staff presents an update of the activities related to the operations of the EGWD. Included for the Board of Director's review is the EGWD's April 2020 Operations Report.

#### **Present Situation**

The EGWD April 2020 Operations Report highlights are as follows:

- **Operations Activities Summary** – No door hangers were placed for past due balances. The district has suspended all shutoffs in compliance with the Governor's Order N-28-20. We received one (1) water pressure complaint and one (1) water quality complaint. Upon further inspection, both complaints were unsubstantiated.
- **Production** – The Combined Total Service Area 1 production graph on page 13 shows that production during the month of April increased 10.82 percent compared to April 2019 and is 25.30 percent less than what was produced in 2013. Year 2013 is the baseline year the State Water Quality Control Board adopted for water usage. The Total Demand/Production for both service areas on page 14 shows

## **ELK GROVE WATER DISTRICT OPERATIONS REPORT – APRIL 2020**

Page 2

that customer use during the month of April, compared to April 2013, was down by 24.87 percent.

- **Static and Pumping Level Graphs** – The second quarter soundings are shown and generally indicate that the static water levels in deeper zones have risen slightly compared to the second quarter of 2018. The shallow zones have also shown improvement.
- **Treatment (Compliance Reporting)** – All samples taken during the month comply with all regulatory permit requirements. No exceedances of any maximum contaminant levels were found, and all water supplied to EGWD’s customers met or exceeded safe drinking water standards.
- **Corrective Maintenance Program** – The tables included in this section of the report also include certain activities completed to date. Below is a list of out-of-ordinary maintenance work completed in April:
  - Staff repaired a malfunctioning A/C compressor on the VFD at Well #4D.
  - Staff poured and finished a concrete pad for a new chemical shed at Well #9. This chemical shed is larger than the previous shed and will allow staff more room to do maintenance on the chemical equipment housed in the shed.
- **Cross Connection Control Program 2020** – EGWD issued 15 testing notices for the month. Pursuant to the notices, two (2) devices passed. Of the remaining 13, two (2) devices passed the second test and 11 were not tested by the due date. The total number of delinquents is 27, which includes the 11 that received secondary notices and 16 devices that remain delinquent from March, which have been given a third notice.
- **Safety Meetings/Training** – One (1) safety training session was conducted for the month.
- **Service and Main Leaks Map** – There was one (1) service line leak and zero main line leaks during April.
- **System Pressures** – Pressures in Service Area 1 generally remained stable during the month of April. Pressures in Service Area 2, which are controlled by Sacramento County Water Agency, went down slightly from the previous month.

May 19, 2020

**ELK GROVE WATER DISTRICT OPERATIONS REPORT – APRIL 2020**

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Page 3

**ENVIRONMENTAL CONSIDERATIONS**

There are no direct environmental considerations associated with this report.

**STRATEGIC PLAN CONFORMITY**

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

**FINANCIAL SUMMARY**

There is no financial impact associated with this report.

Respectfully submitted,



MARK J. MADISON  
GENERAL MANAGER

MJM/ah

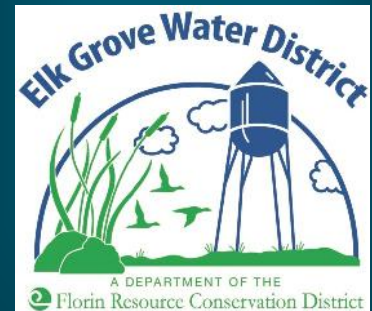
# EGWD

## OPERATIONS REPORT

April 2020



Elk  
Grove  
Water  
District





**Elk Grove Water District**  
**Operations Report**  
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# Operations Activities Summary

## Service Requests:

	April -20		YTD (Since Jan. 1, 2020)	
<u>Department</u>	<u>Service Request</u>	<u>Hours</u>	<u>Service Request</u>	<u>Hours</u>
<b>Distribution</b>				
Door Tags	0	0	1,206	70
Shut offs	0	0	111	11.5
Turn ons	0	0	68	12.5
Investigations	15	3.75	78	19.5
USA Locates	135	33.75	749	187.25
Customer Complaints				
-Pressure	1	.25	3	1
-Water Quality	1	.25	4	1
-Other	0	0	0	0

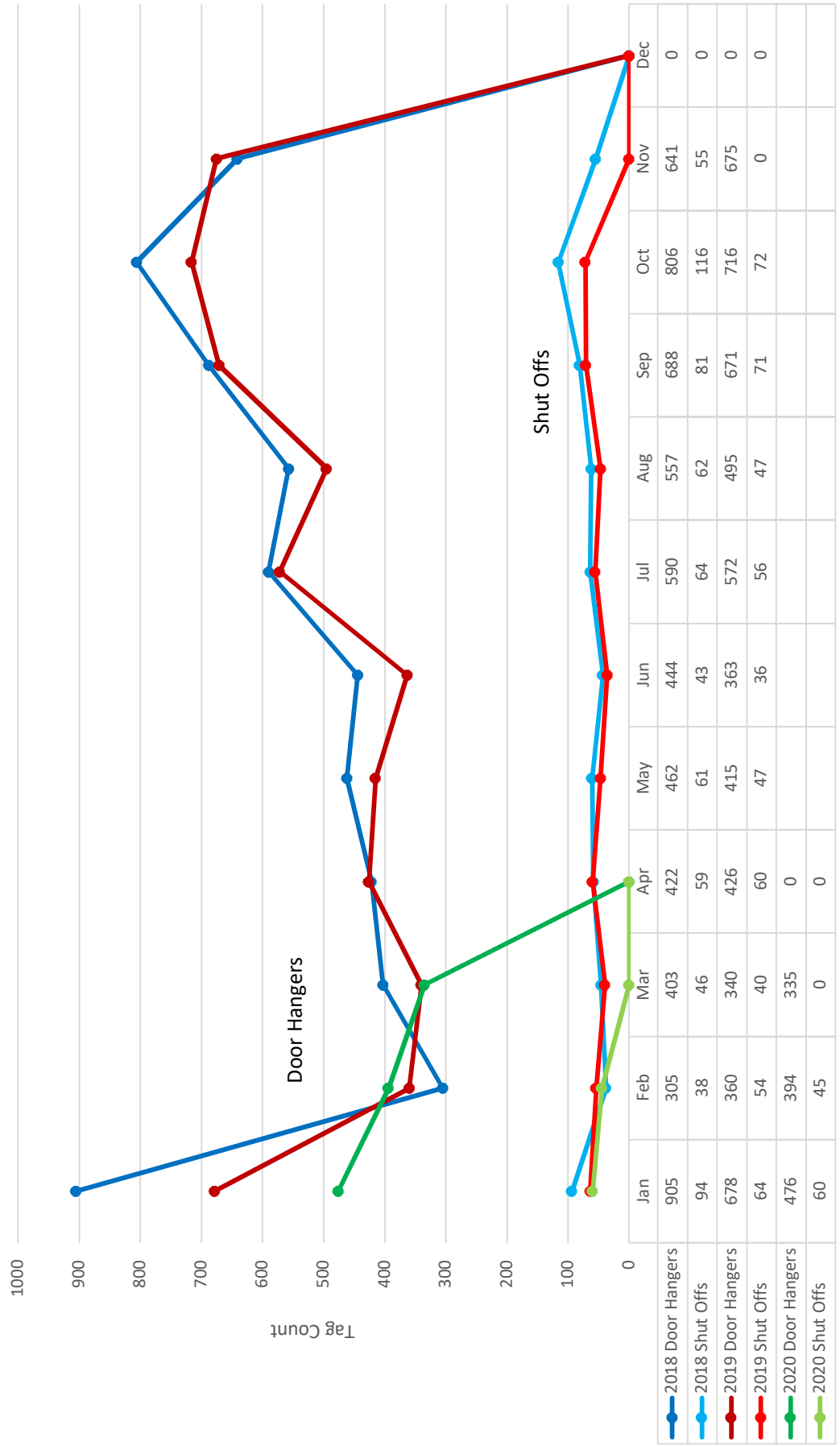
## Work Orders:

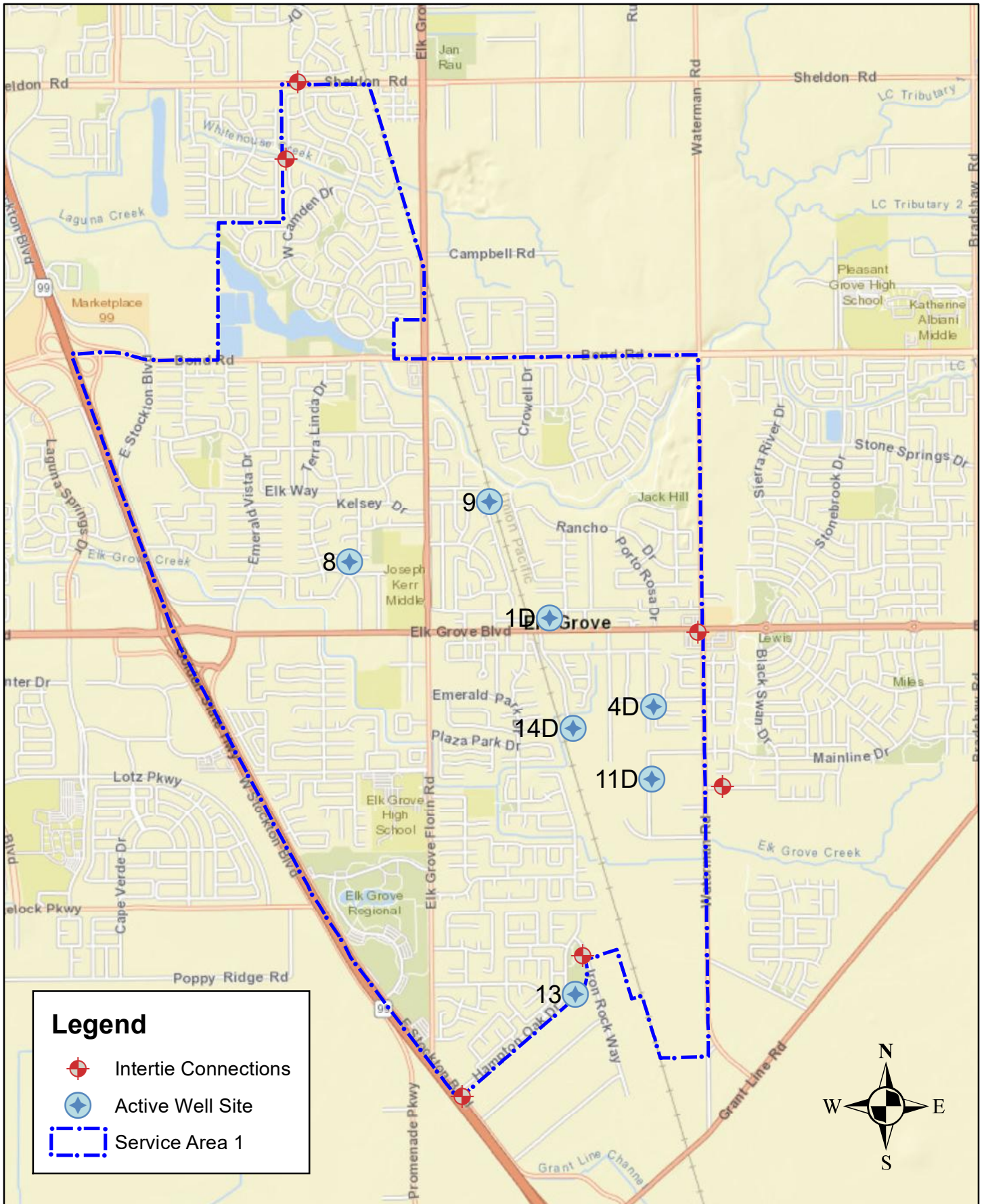
	April -20		YTD (Since Jan. 1, 2020)	
<u>Department</u>	<u>Work Orders</u>	<u>Hours</u>	<u>Work Orders</u>	<u>Hours</u>
<b>Treatment:</b>				
Preventative Maint.	17	21	95	220
Corrective Maint.	4	84	26	276
Water Samples	14	46	64	182
<b>Distribution:</b>				
Meters Installed	0	0	115	58.25
Meter Change Out	15	7.5	118	62
Preventative Maint.				
-Hydrant Maintenance (135)	0	0	414	88
-Valve Exercising (120)	0	0	361	75
-Other	0	0	0	0
Corrective Maint.				
-Leaks	1	23	10	211.50
-Other	6	31.50	17	51.75
Valve Locates	0	0	0	0
<b>Utility:</b>				
Corrective Maint.	0	0	0	0



# Elk Grove Water District

## Door Hangers and Shut Off Tags





Active Well Sites & Intertie Connections

Elk Grove Water District



## Elk Grove Water District

### Monthly Production

Well 1D School -- Apr. 2020

**Selected Month Production**  
12,502,974 Gallons

Average GPM:  
1,773

#### Motor:

Volts: 469  
Volts (Rated): 460  
RPM: 1787  
RPM (Rated): 2115  
Amps A: 180  
Amps A (Rated): 222  
Amps B: 179  
Amps B (Rated): 222  
Amps C: 175  
Amps C (Rated): 222

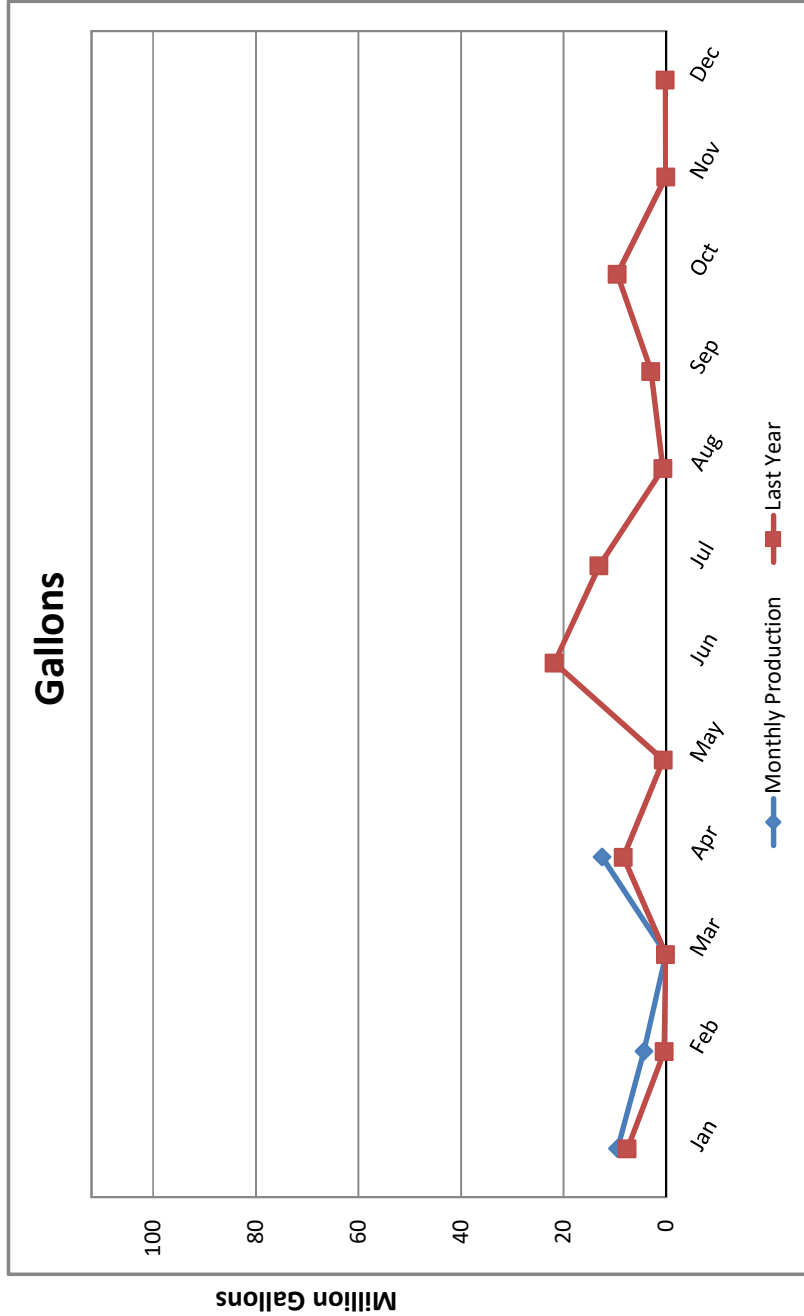
Motor Temp: 95.9 F  
Hour Meter: 117.50  
KW Hour Total: 14,720

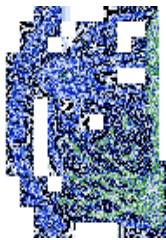
#### Chlorine:

Dosing: 1.66 mg/L  
Demand: 0.45 mg/L  
Residual: 1.21 mg/L

#### Vibration Reading:

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





## Elk Grove Water District

### Monthly Production

Well 4D Webb -- Apr. 2020

**Selected Month Production**  
3,341,129 Gallons

Average GPM:  
1,708

**Motor:**

Volts: 484  
 Volts (Rated): 460  
 RPM: 1611  
 RPM (Rated): 1775  
 Amps A: 182  
 Amps A (Rated): 225  
 Amps B: 181  
 Amps B (Rated): 225  
 Amps C: 181  
 Amps C (Rated): 225

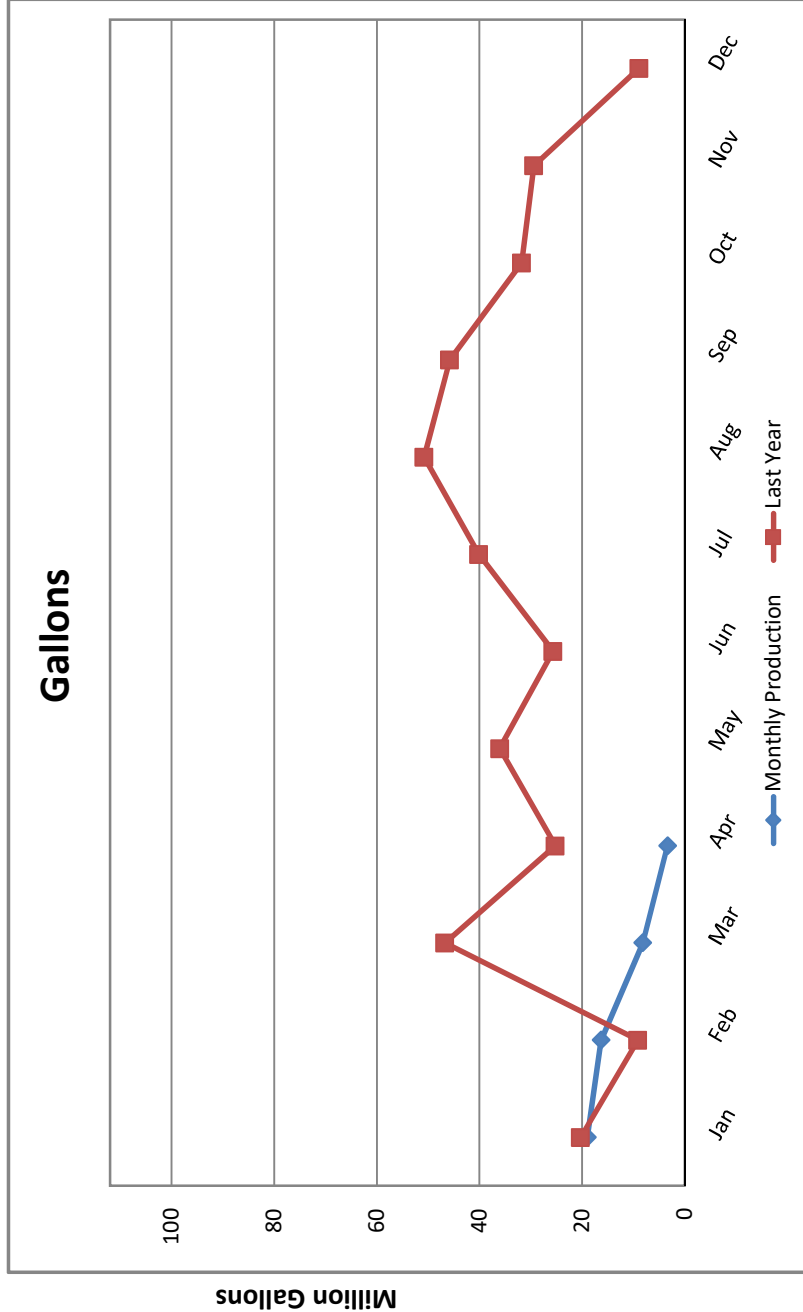
Motor Temp: 114.8 F  
 Hour Meter: 32.60  
 KW Hour Total: 6,060

**Chlorine:**

Dosing: 1.67 mg/L  
 Demand: 0.71 mg/L  
 Residual: 0.96 mg/L

**Vibration Reading:**

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





# Elk Grove Water District

## Monthly Production

Well 11D Dino -- Apr. 2020  
(Well Offline)

Selected Month Production  
0 Gallons

Average GPM: 0

**Motor:**

Volts: --  
Volts (Rated): 460  
RPM: --  
RPM (Rated): 1775  
Amps A: --  
Amps A (Rated): 225  
Amps B: --  
Amps B (Rated): 225  
Amps C: --  
Amps C (Rated): 225

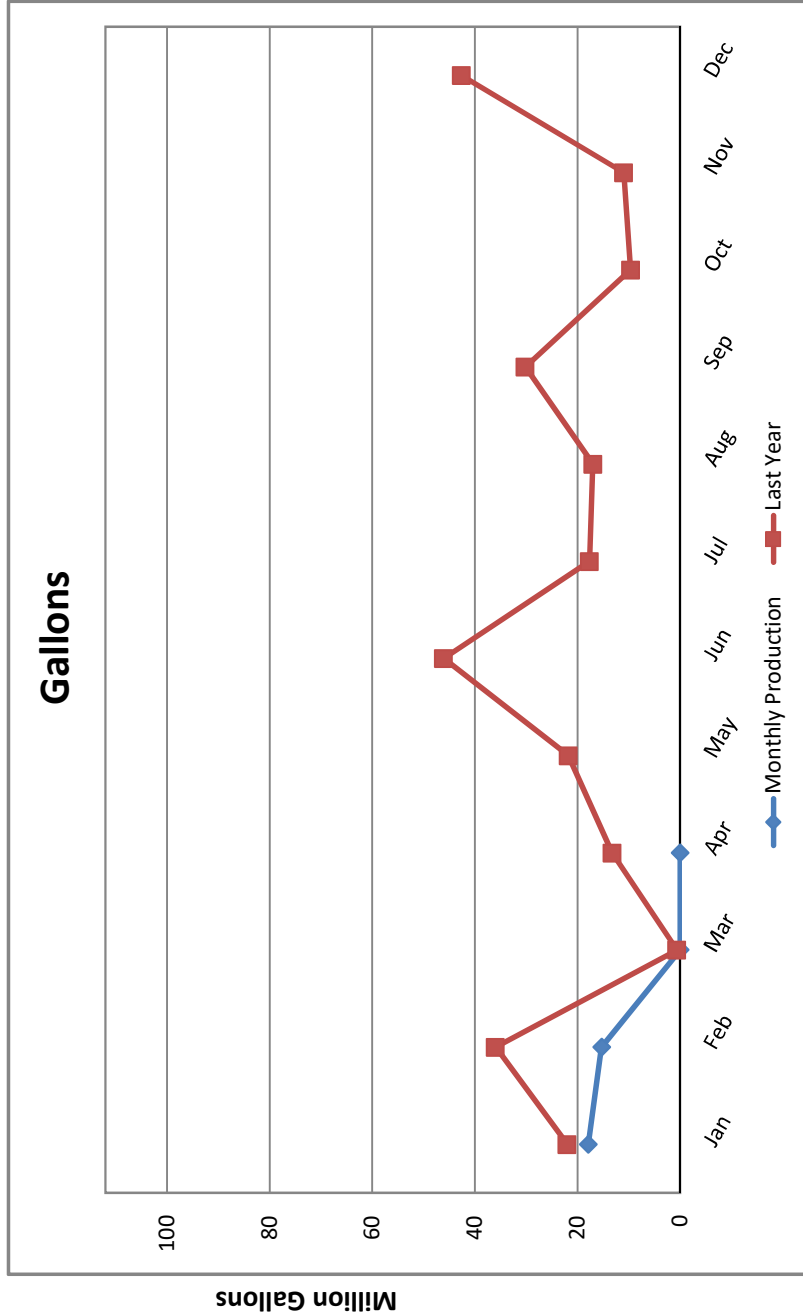
Motor Temp: -- F  
Hour Meter: 0.00  
KW Hour Total: 0

**Chlorine:**

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

**Vibration Reading:**

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





## Elk Grove Water District

### Monthly Production

Well 14D Railroad -- Apr. 2020

**Selected Month Production**  
51,583,278 Gallons

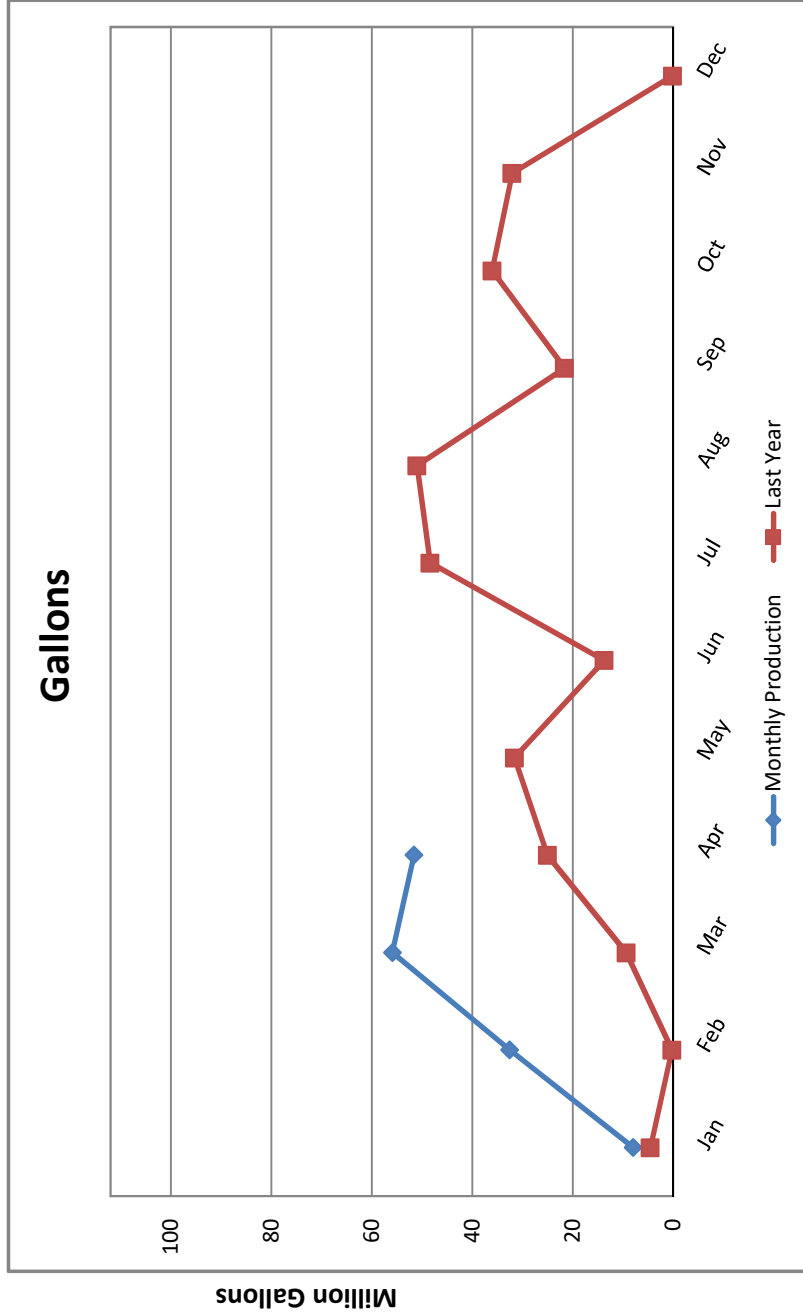
Average GPM:  
1,438

**Motor:**  
Volts: 477  
Volts (Rated): 460  
RPM: 1789  
RPM (Rated): 1785  
Amps A: 160  
Amps A (Rated): 171  
Amps B: 160  
Amps B (Rated): 171  
Amps C: 161  
Amps C (Rated): 171

Motor Temp.: 87.8 F  
Hour Meter: 597.60  
KW Hour Total: 123,200  
(KWH total is for the entire facility)

**Chlorine:**  
Dosing: 1.85 mg/L  
Demand: 0.72 mg/L  
Residual: 1.13 mg/L

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







## Elk Grove Water District

### Monthly Production

Well 8 Williamson -- Apr. 2020  
(Submersible)

**Selected Month Production**  
23,061,687 Gallons

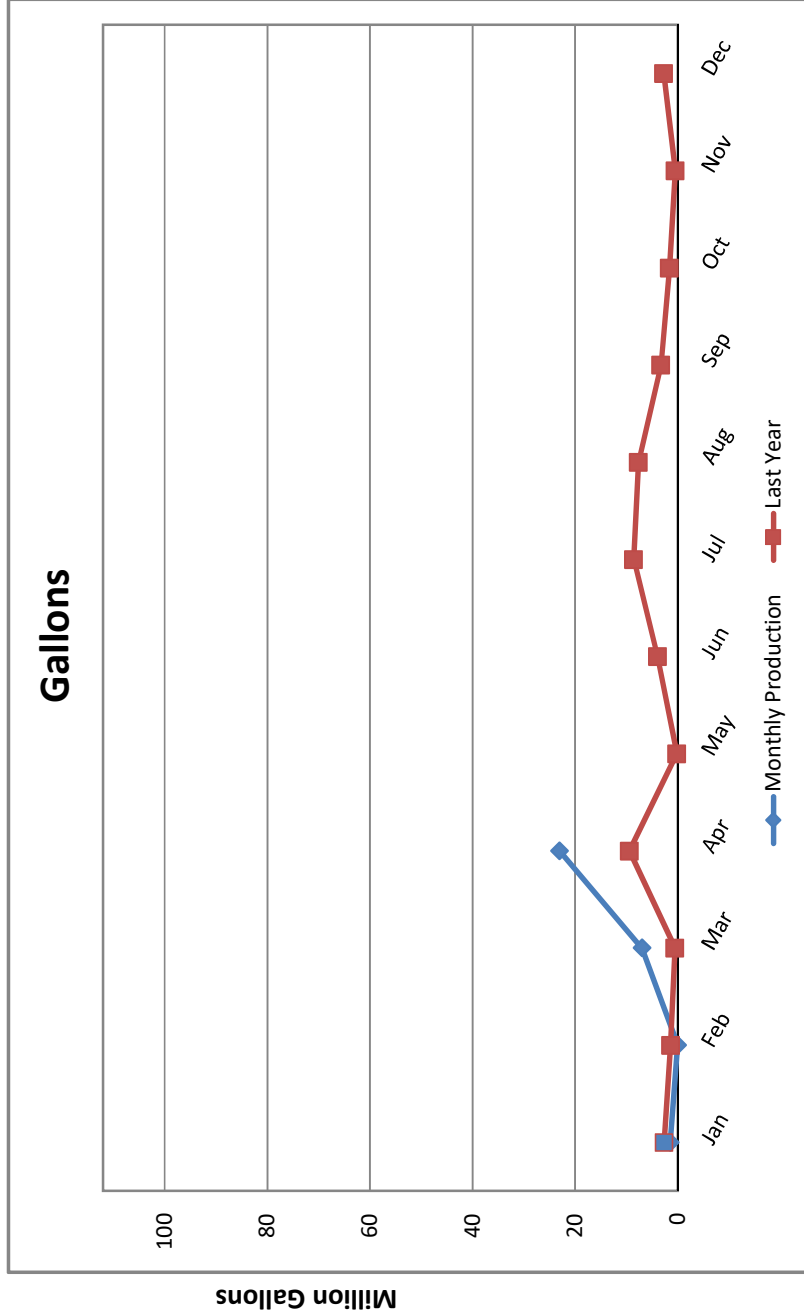
Average GPM: 542

**Motor:**  
Volts: 460  
Volts (Rated): 460

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

Hour Meter: 709.00  
KW Hour Total: 28,074

**Chlorine:**  
Dosing: 1.06 mg/L  
Demand: 0.1 mg/L  
Residual: 0.96 mg/L





## Elk Grove Water District

### Monthly Production

Well 9 Polhemus -- Apr. 2020  
(Submersible)

**Selected Month Production**  
41,000 Gallons

**Average GPM:** 402

**Motor:**

Volts: 487

Volts (Rated): 460

Amps A: 60

Amps A (Rated): 65

Amps B: 59

Amps B (Rated): 65

Amps C: 60

Amps C (Rated): 65

Hour Meter: 1.70

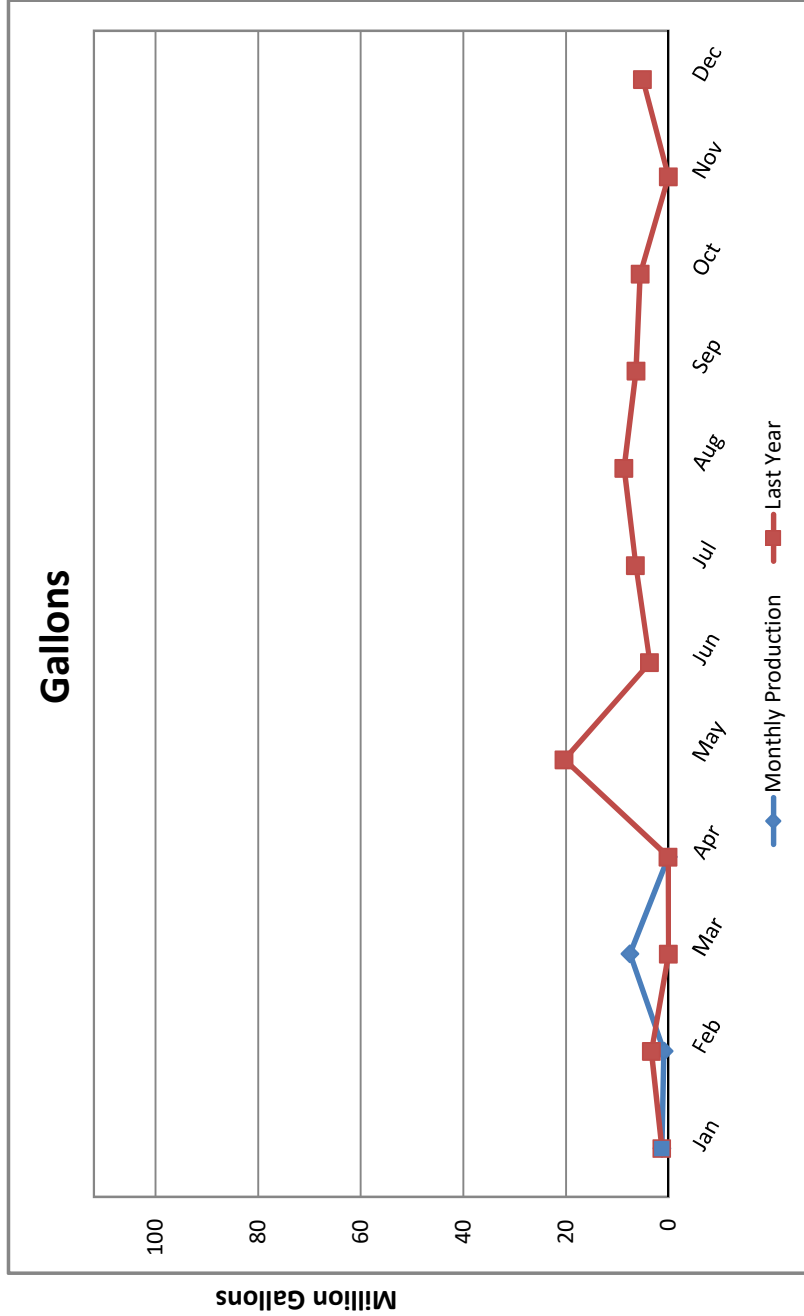
KW Hour Total: 154

**Chlorine:**

Dosing: 1.4 mg/L

Demand: 0.64 mg/L

Residual: 0.76 mg/L





## Elk Grove Water District

### Monthly Production

Well 13 Hampton -- Apr. 2020

**Selected Month Production**  
321,185 Gallons

Average GPM: 955

#### Motor:

Volts: 480  
 Volts (Rated): 460  
 RPM: 1785  
 RPM (Rated): 1785  
 Amps A: 103  
 Amps A (Rated): 141  
 Amps B: 105  
 Amps B (Rated): 141  
 Amps C: 106  
 Amps C (Rated): 141

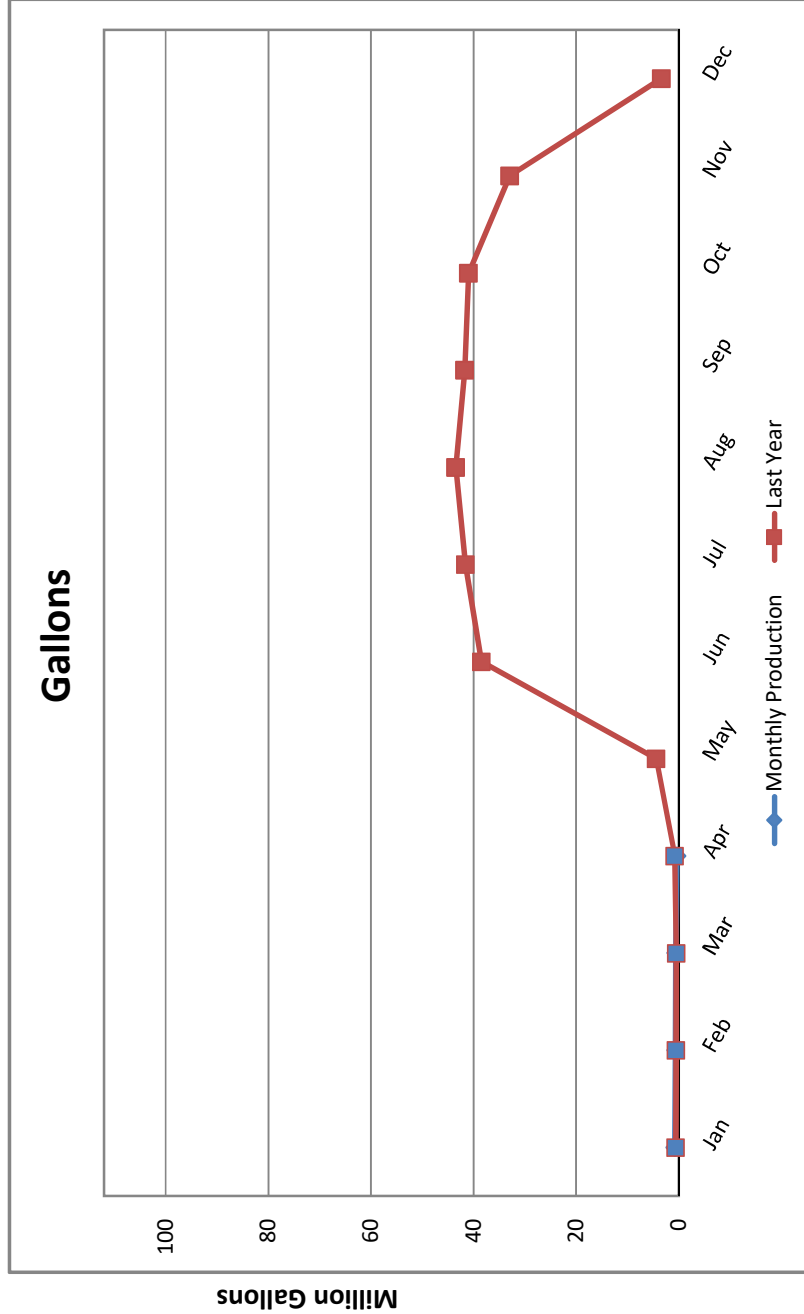
Motor Temp.: 95.9 F  
 Hour Meter: 5.60  
 KW Hour Total: 1,680

#### Chlorine:

Dosing: 1.32 mg/L  
 Demand: 0.46 mg/L  
 Residual: 0.86 mg/L

#### Vibration Reading:

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



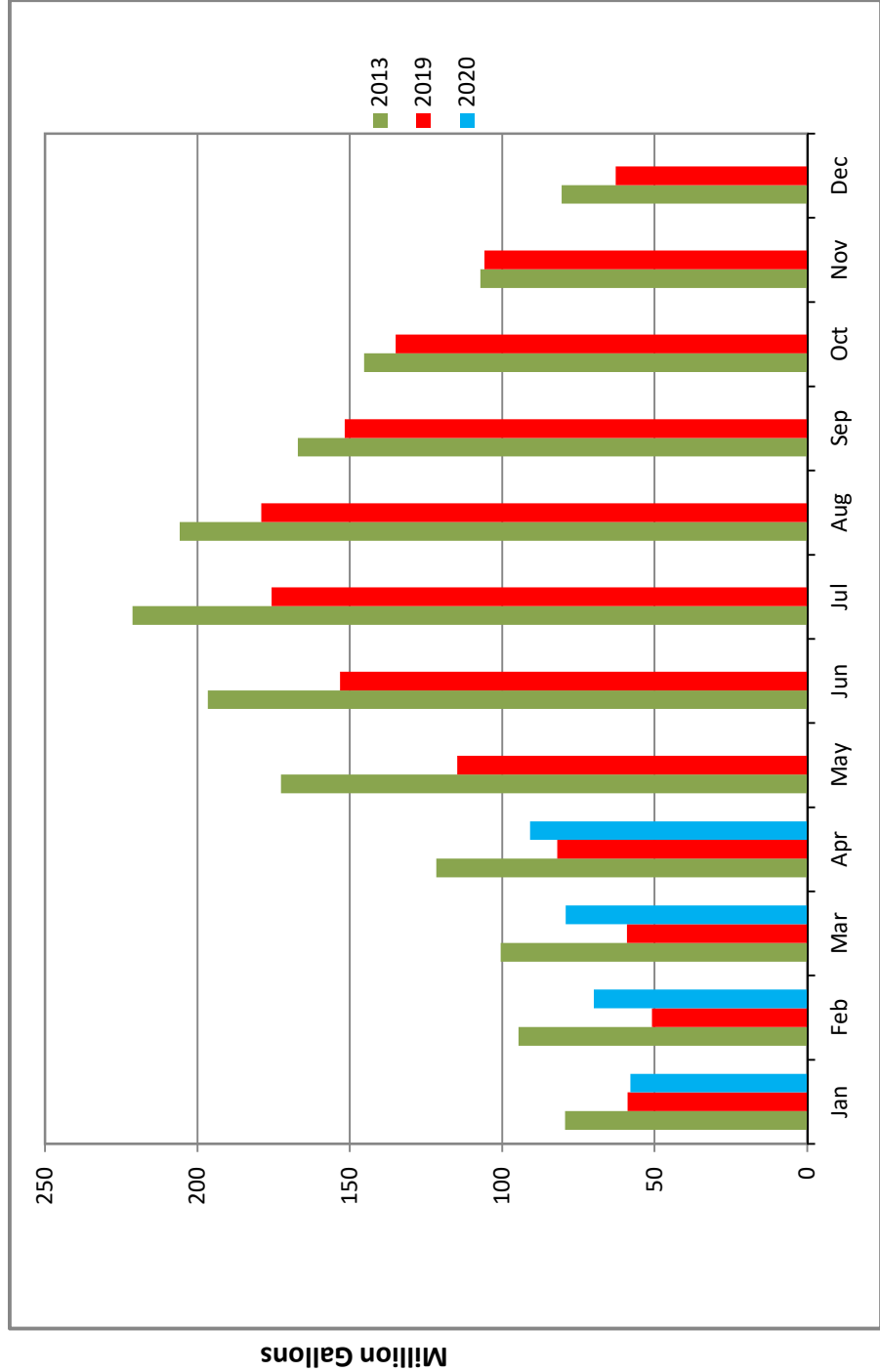


# Elk Grove Water District

## Combined Total Production

Service Area 1

Apr-2020



**Current Month Production:**

90,851,253 Gallons

**Highest Day Demand of the Month:**

4,530,049

**Date of Occurrence**

29-Apr-20

**Highest Day Demand of the Calendar Year:**

4,530,049

**Date of Occurrence**

29-Apr-20

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

Current Month: 1.68 in

Year To Date: 9.39 in

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

Apr. 2019 0.77 in

Year To Date: 20.31 in

Last Year Total: 21.08 in

**Temperature:**

This Month High 93 F

This Month Low 37 F

This Month Average 61.65 F

APR-19 High 90 F

APR-19 Low 44 F

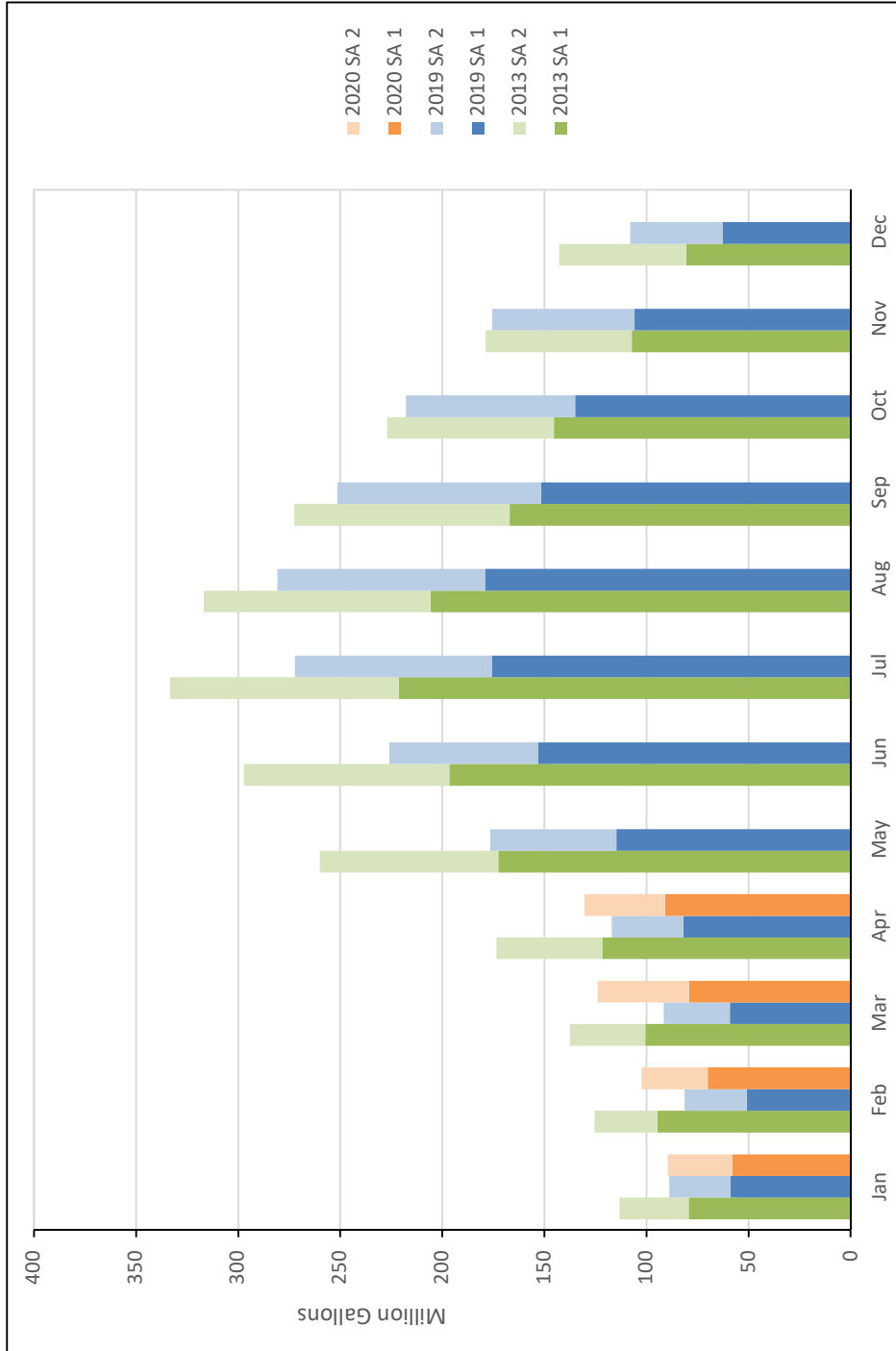
APR-19 Average 62.4 F



# Elk Grove Water District

## Total Demand/Production

Apr-2020



**Current Month Demand/Production:**

130,374,825 Gallons

**Reduction From Apr 2013:** 24.87%

**GPCD:** 94.1 Gallons per Day

**R-GPCD:** 78.1 Gallons per Day

**Service Area 1**

**Active Connections:** 7,930

**Current Month Demand/Production:**

90,851,253 Gallons

**Reduction From Apr 2013:** 25.30%

**GPCD:** 106.2 Gallons per Day

**R-GPCD:** 85.7 Gallons per Day

**Service Area 2**

**Active Connections:** 4,764

**Current Month Demand/Production:**

39,523,572 Gallons

**Reduction From Apr 2013:** 23.86%

**GPCD:** 74.6 Gallons per Day

**R-GPCD:** 64.9 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	100,543,522	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	137,486,494	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
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	62,848,303	76,267,144	125,703,221	158,313,394	181,467,446	173,737,676	150,609,278	133,163,991	97,294,654	63,631,042
	Purchased (SA2)	31,925,388	31,512,492	33,779,680	32,989,792	52,692,860	85,679,660	101,031,612	104,457,452	97,400,072	77,996,204	66,116,468	47,849,180
	Total	93,473,139	93,071,342	96,627,983	109,256,936	178,396,081	243,993,054	282,499,058	278,195,128	248,009,350	211,160,195	163,411,122	106,480,222
2019	GW (SA1)	58,847,001	50,827,497	59,064,385	81,981,728	114,733,502	153,176,826	175,692,823	179,038,979	151,703,906	134,920,719	105,816,168	62,755,985
	Purchased (SA2)	29,895,316	30,359,076	32,485,640	34,994,432	61,802,004	72,657,728	96,524,164	101,818,508	99,590,964	82,897,100	69,704,624	45,161,996
	Total	88,742,317	81,186,573	91,550,025	116,976,160	176,535,506	225,834,554	272,216,987	280,857,487	251,294,870	217,817,819	175,520,792	107,917,981
	% Reduction from 2013	12.13%	8.87%	9.84%	24.87%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2020	GW (SA1)	57,904,843	69,920,851	79,195,437	90,851,253								
	Purchased (SA2)	31,743,624	32,416,076	44,764,808	39,523,572								
	Total	89,648,467	102,336,927	123,960,245	130,374,825	0	0	0	0	0	0	0	0

\*Notes

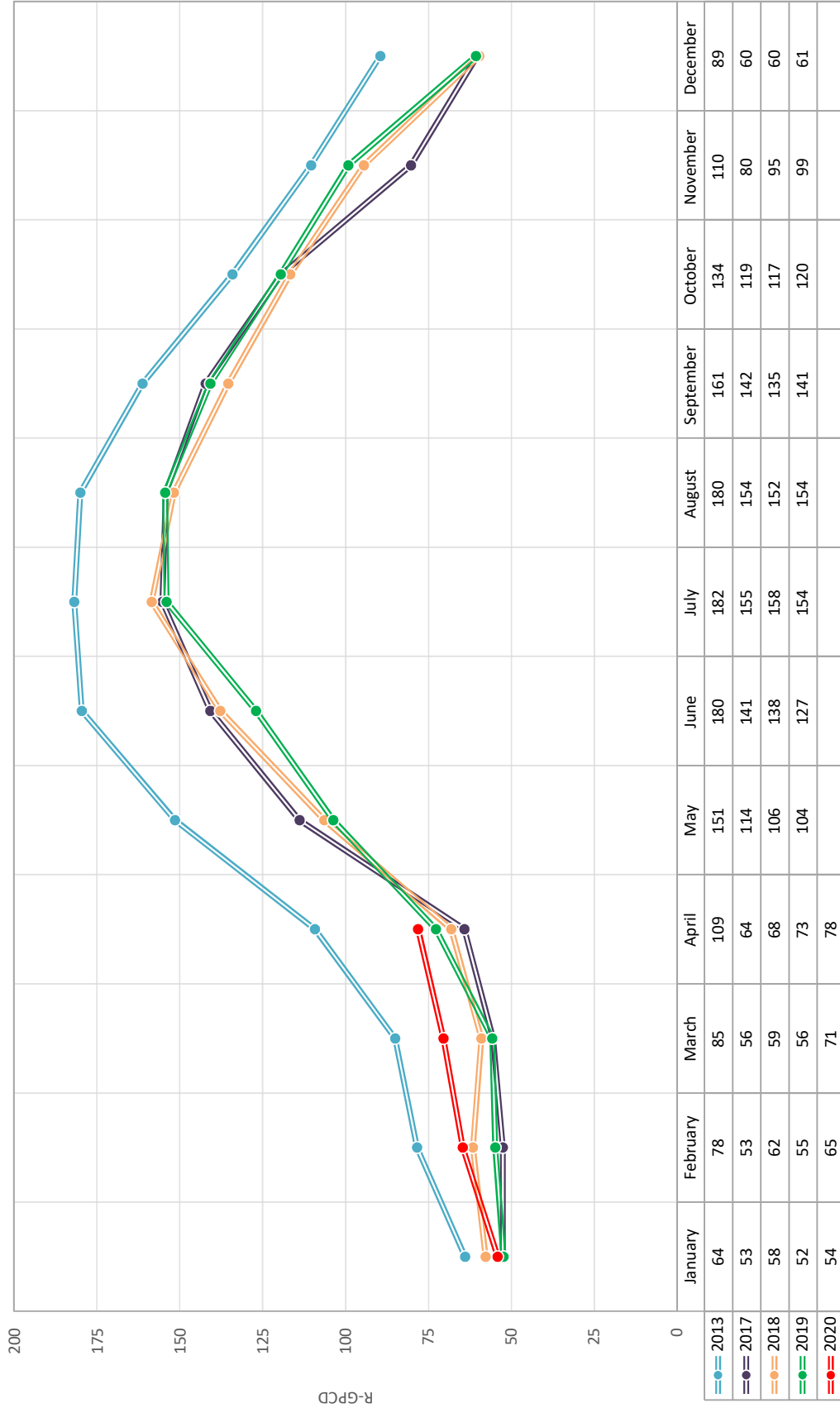
2013 January and February production numbers do not match actually recorded production because of an open intertie delivering water to SA2. Information below is further details.  
 SA1 = Service Area 1, SA2 = Service Area 2. SA1 is all groundwater (GW) production. SA2 is all purchased water from SCWA.  
 Actual Recorded Prod. (Jan. 2013) - Service Area 1 79,361,342 gallons (Includes water delivered to SA2 due to open intertie. Intertie closed end of Feb. 2013)  
 Actual Recorded Prod. (Feb. 2013) - Service Area 1 94,608,406 gallons (Includes water delivered to SA2 due to open intertie. Intertie closed end of Feb. 2013)  
 To determine estimate of Feb. 2013 production delivered to Service Area 1, use multiplier from March data which is seasonally similar.)  
 Service Area 1 Multiplier = 1.39 (calculated from March 2013 Prod. Data/March 2014 Prod. Data)  
 Calc'd Feb. 2013 Prod. = Feb. 2014 Prod. Data x 1.39 = 79,737,924  
 To determine estimate of Jan. 2013 production, use prorated amount from Feb. 2013 data. (This method due to Jan. 2014 being unseasonably hot.)  
 Calc'd Jan. 2013 Prod. = (Feb. 2013 Prod. Data Calc'd / Feb. 2013 Prod. Data Actual) x Jan. 2013 Prod. Data Actual = 68,254,916

Service Area 2		Consumption	
2020	# Accts	CCF	Gallons
Jan	4,544	42,438	31,743,624
Feb	4,656	43,337	32,416,076
Mar	4,658	59,846	44,764,808
Apr	4,761	52,839	39,523,572
May		0	0
Jun		0	0
Jul		0	0
Aug		0	0
Sep		0	0
Oct		0	0
Nov		0	0
Dec		0	0



# EGWD COMBINED R-GPCD

● 2013   
 ● 2017   
 ● 2018   
 ● 2019   
 ● 2020



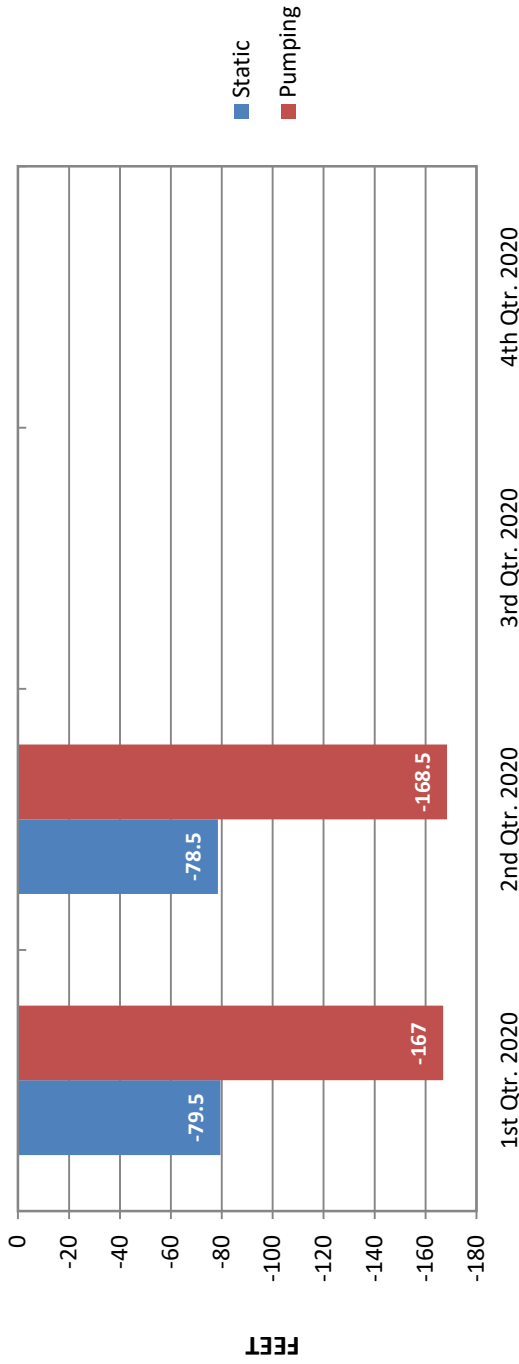
R-GPCD = Residential Gallons per Capita per Day



# Elk Grove Water District

## Static and Pumping Levels

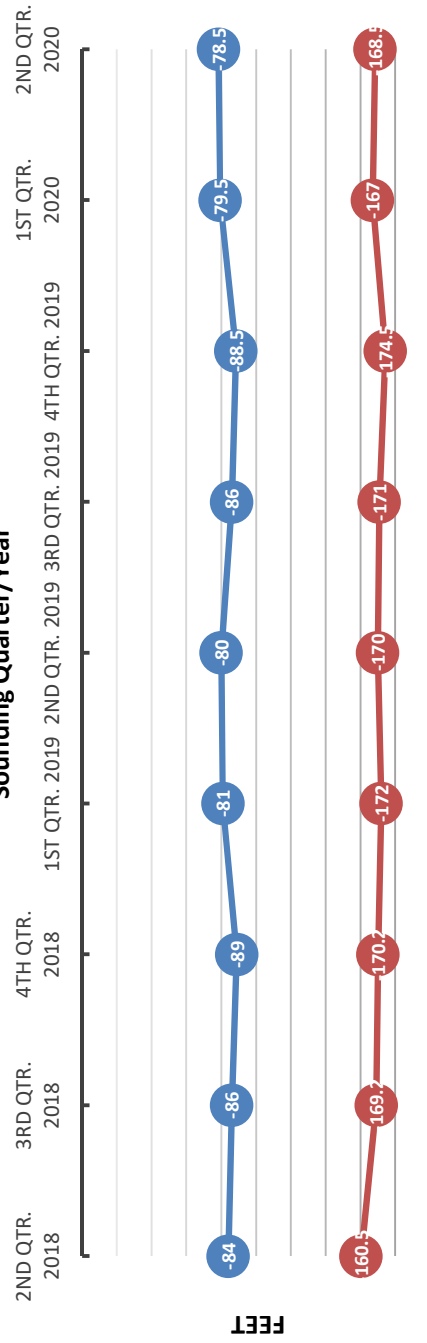
Well 1D School St



### Latest Well Sounding

Static: 78.5 Ft  
 Pumping: 168.5 Ft  
 Drawdown: 90 Ft  
 GPM: 1,876  
 Specific Capacity: 20.839

### Sounding Quarter/Year



### Latest Sand Tester Results:

15 Min: < 5 ppm

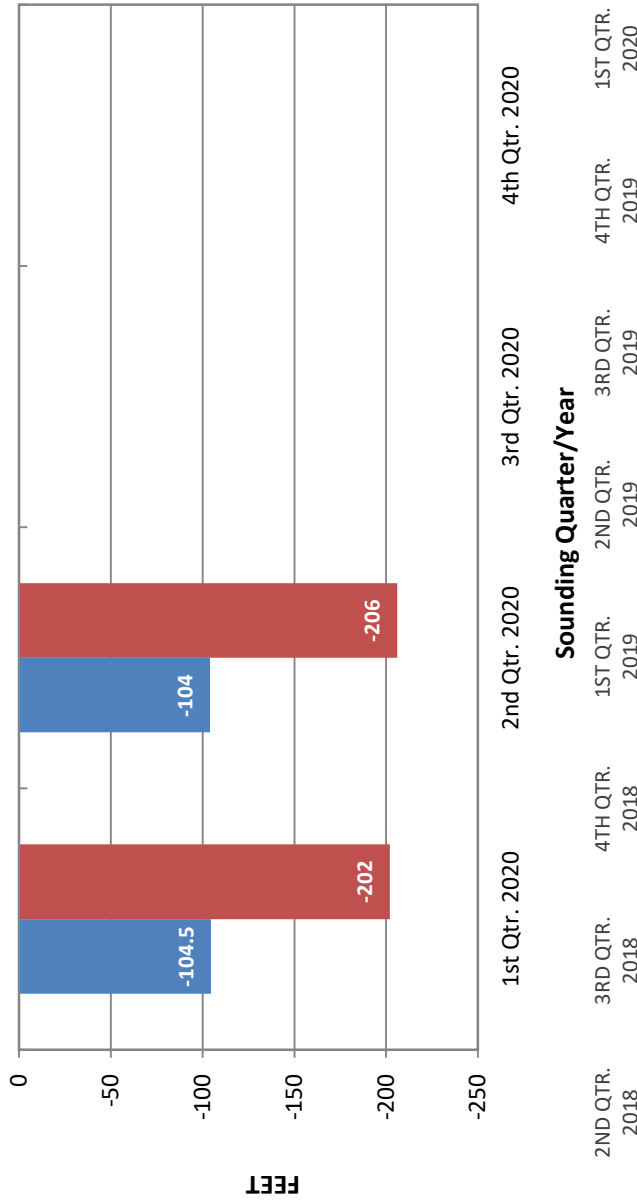




# Elk Grove Water District

## Static and Pumping Levels

Well 4D Webb St

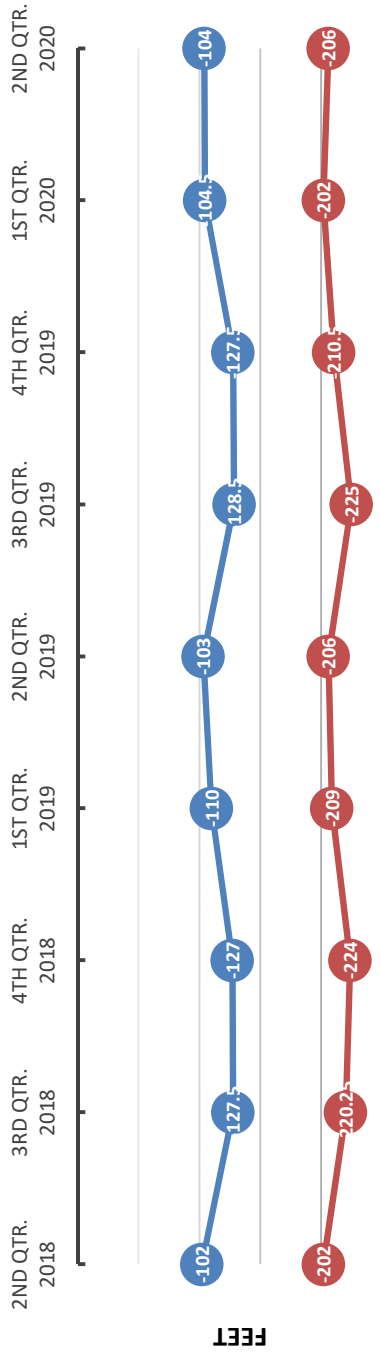


### Latest Well Sounding

Static: 104 Ft  
 Pumping: 206 Ft  
 Drawdown: 102 Ft  
 GPM: 1,704  
 Specific Capacity: 16.706

### Latest Sand Tester Results:

15 Min: < 5 ppm

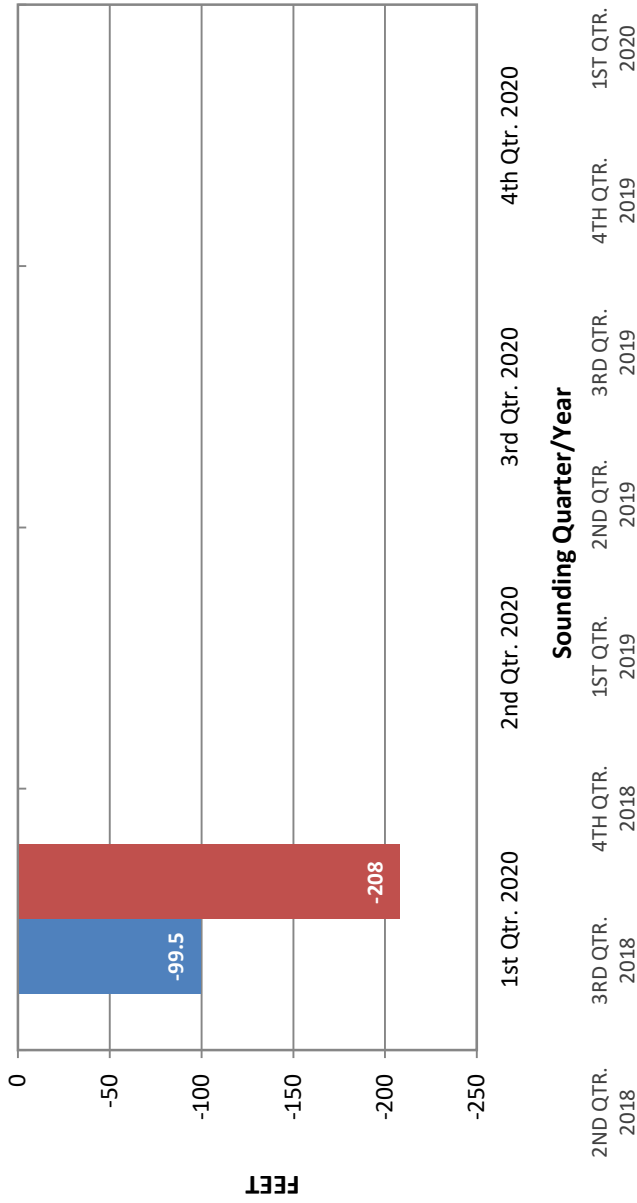




# Elk Grove Water District

## Static and Pumping Levels

Well 11D Dino



15 Min: < 5 ppm

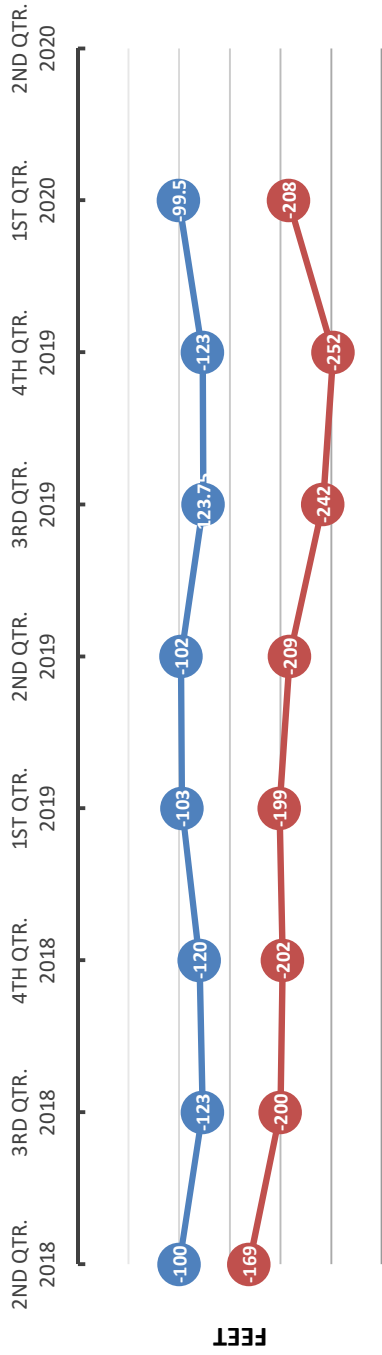
### Latest Well Sounding

Static: 99.5 Ft  
 Pumping: 208 Ft  
 Drawdown: 108.5 Ft  
 GPM: 1,428  
 Specific Capacity: 13.164

### Latest Sand Tester Results:

15 Min: < 5 ppm

### Sounding Quarter/Year

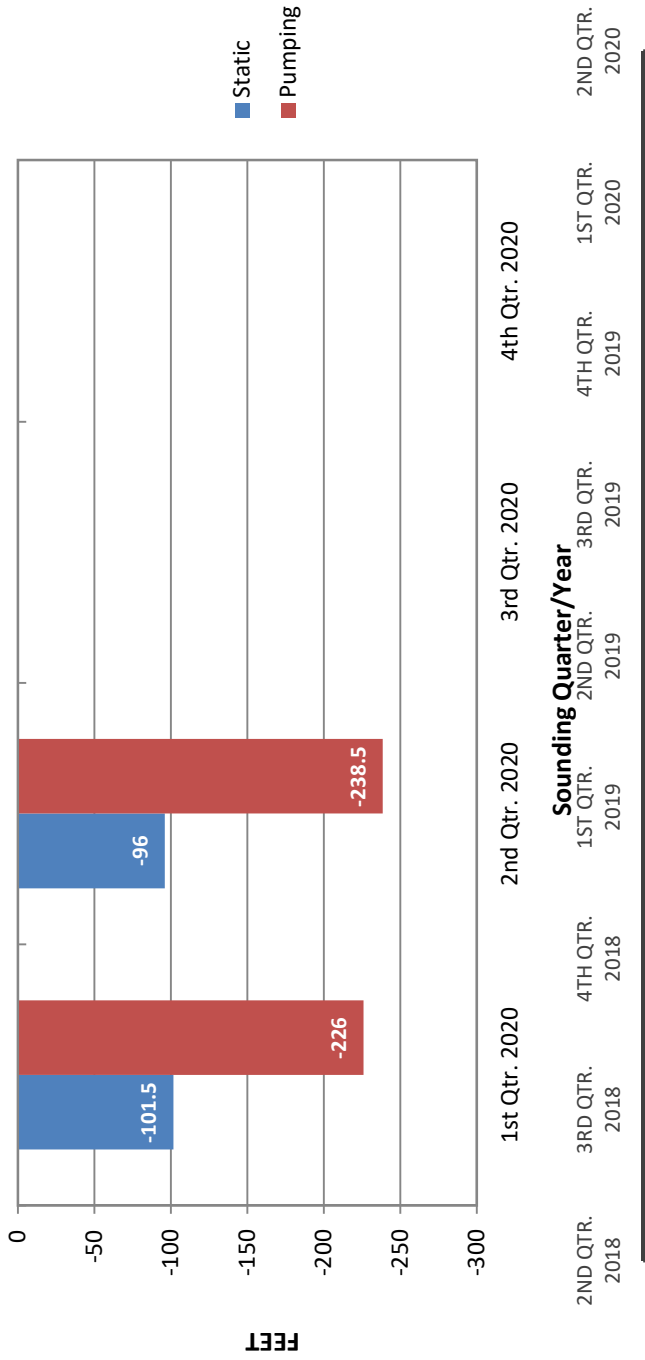




# Elk Grove Water District

## Static and Pumping Levels

Well 14D Railroad



### Latest Well Sounding

**Static:** 96 Ft  
**Pumping:** 238.5 Ft  
**Drawdown:** 142.5 Ft  
**GPM:** 1,492  
**Specific Capacity:** 10.470

### Latest Sand Tester Results:

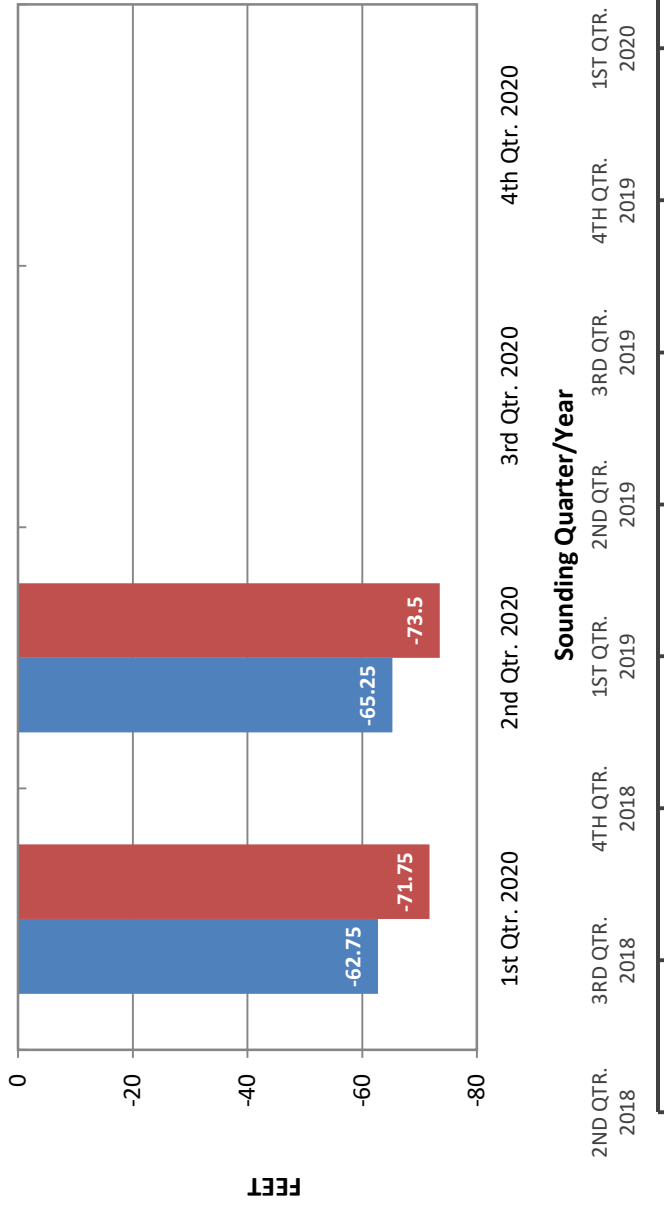
15 Min: < 5 ppm



# Elk Grove Water District

## Static and Pumping Levels

Well 8 Williamson



### Latest Well Sounding

Static: 65.25 Ft  
 Pumping: 73.5 Ft  
 Drawdown: 8.25 Ft  
 GPM: 543  
 Specific Capacity: 65.864

### Latest Sand Tester Results:

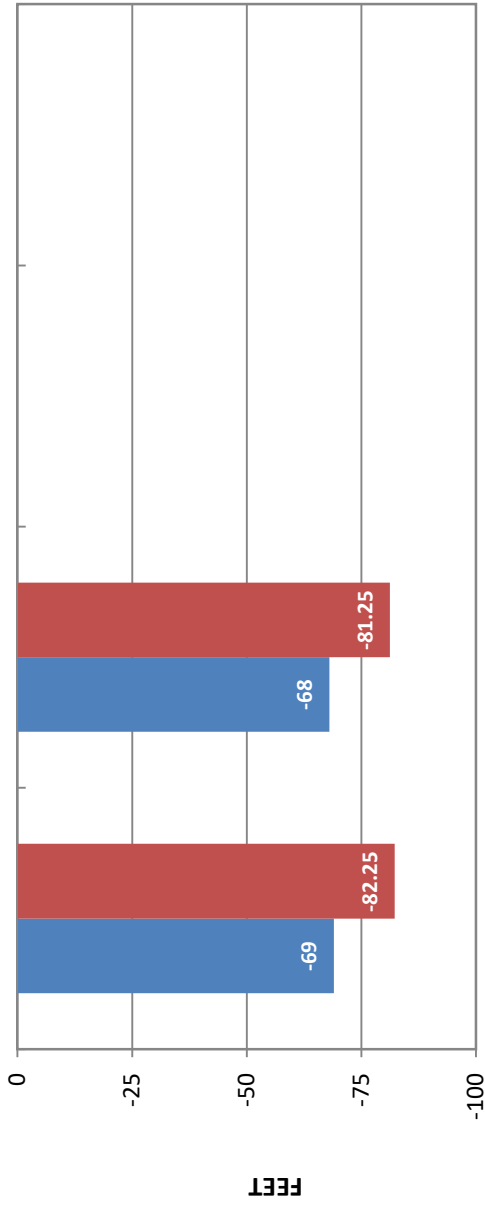
15 Min: < 5 ppm



# Elk Grove Water District

## Static and Pumping Levels

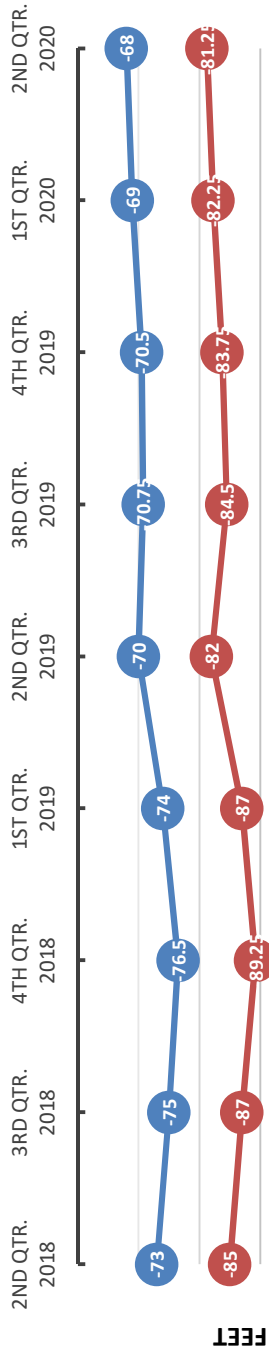
Well 9 Polhemus



### Latest Well Sounding

Static: 68 Ft  
 Pumping: 81.25 Ft  
 Drawdown: 13.25 Ft  
 GPM: 410  
 Specific Capacity: 30.943

### Sounding Quarter/Year



### Latest Sand Tester Results:

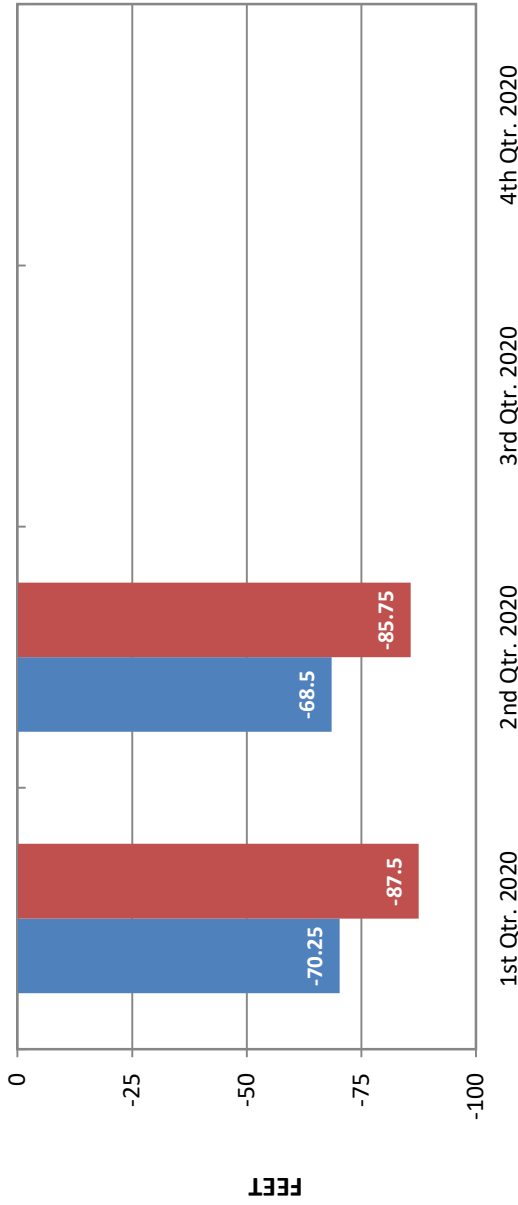
15 Min: < 5 ppm



# Elk Grove Water District

## Static and Pumping Levels

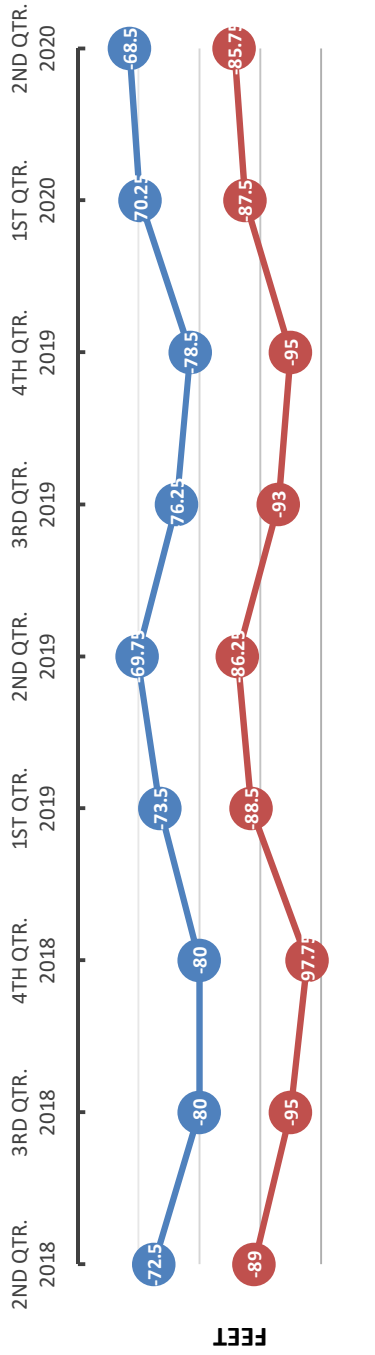
Well 13 Hampton



### Latest Well Sounding

Static: 68.5 Ft  
 Pumping: 85.75 Ft  
 Drawdown: 17.25 Ft  
 GPM: 990  
 Specific Capacity: 57.419

### Sounding Quarter/Year



### Latest Sand Tester Results:

15 Min: < 5 ppm

**Monthly Sample Report - April 2020**  
**Water System: Elk Grove Water System**

<b>Sampling Point: 01 - 8693 W. Camden</b>			
<b>Sample Date</b>	<b>Sample Class</b>	<b>Sample Name</b>	<b>Collection Occurrence</b>
4/7/2020	Distribution System	Bacteriological	Week
4/14/2020	Distribution System	Bacteriological	Week
4/21/2020	Distribution System	Bacteriological	Week
4/28/2020	Distribution System	Bacteriological	Week
4/7/2020	Distribution System	TTHM's and HAA5	Quarterly

<b>Sampling Point: School Well 01D - Raw Water</b>			
<b>Sample Date</b>	<b>Sample Class</b>	<b>Sample Name</b>	<b>Collection Occurrence</b>

<b>Sampling Point: 02 - 9425 Emerald Vista</b>			
<b>Sample Date</b>	<b>Sample Class</b>	<b>Sample Name</b>	<b>Collection Occurrence</b>
4/7/2020	Distribution System	Bacteriological	Week
4/14/2020	Distribution System	Bacteriological	Week
4/21/2020	Distribution System	Bacteriological	Week
4/28/2020	Distribution System	Bacteriological	Week

<b>Sampling Point: 03 - 8809 Valley Oak</b>			
<b>Sample Date</b>	<b>Sample Class</b>	<b>Sample Name</b>	<b>Collection Occurrence</b>
4/7/2020	Distribution System	Bacteriological	Week
4/14/2020	Distribution System	Bacteriological	Week
4/21/2020	Distribution System	Bacteriological	Week
4/28/2020	Distribution System	Bacteriological	Week

<b>Sampling Point: Webb Well 04D - Raw Water</b>			
<b>Sample Date</b>	<b>Sample Class</b>	<b>Sample Name</b>	<b>Collection Occurrence</b>

**Sampling Point: 04 - 10122 Glacier Point**

Sample Date	Sample Class	Sample Name	Collection Occurrence
4/7/2020	Distribution System	Bacteriological	Week
4/14/2020	Distribution System	Bacteriological	Week
4/21/2020	Distribution System	Bacteriological	Week
4/28/2020	Distribution System	Bacteriological	Week

**Sampling Point: 05 - 9230 Amsden Ct.**

Sample Date	Sample Class	Sample Name	Collection Occurrence
4/7/2020	Distribution System	Bacteriological	Week
4/14/2020	Distribution System	Bacteriological	Week
4/21/2020	Distribution System	Bacteriological	Week
4/28/2020	Distribution System	Bacteriological	Week
4/7/2020	Distribution System	TTHM's and HAA5	Quarterly

**Sampling Point: 06 - 9227 Rancho Dr.**

Sample Date	Sample Class	Sample Name	Collection Occurrence
4/7/2020	Distribution System	Bacteriological	Week
4/14/2020	Distribution System	Bacteriological	Week
4/21/2020	Distribution System	Bacteriological	Week
4/28/2020	Distribution System	Bacteriological	Week

**Sampling Point: 07 - AI Gates Park Mainline Dr.**

Sample Date	Sample Class	Sample Name	Collection Occurrence
4/7/2020	Distribution System	Bacteriological	Week
4/14/2020	Distribution System	Bacteriological	Week
4/21/2020	Distribution System	Bacteriological	Week
4/28/2020	Distribution System	Bacteriological	Week

**Sampling Point: - Williamson Well 8 Raw Water**

Sample Date	Sample Class	Sample Name	Collection Occurrence
4/7/2020	Source Water	Full Title 22	Triannual
4/7/2020	Source Water	Bacteriological	Quarterly
4/7/2020	Source Water	Fe, Mn, As Dissolved	Quarterly



Sampling Point: 09 - 9436 Hollow Springs Wy.			
Sample Date	Sample Class	Sample Name	Collection Occurrence
4/7/2020	Distribution System	Bacteriological	Week
4/14/2020	Distribution System	Bacteriological	Week
4/21/2020	Distribution System	Bacteriological	Week
4/28/2020	Distribution System	Bacteriological	Week
4/7/2020	Distribution System	TTHM's and HAA5	Quarterly

Sampling Point: Polhemus Well 9 Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence

Sampling Point: 09 - 8417 Blackman Wy.			
Sample Date	Sample Class	Sample Name	Collection Occurrence
4/7/2020	Distribution System	Bacteriological	Week
4/14/2020	Distribution System	Bacteriological	Week
4/21/2020	Distribution System	Bacteriological	Week
4/28/2020	Distribution System	Bacteriological	Week

Sampling Point: 10 - 9373 Oreo Ranch Cir.			
Sample Date	Sample Class	Sample Name	Collection Occurrence
4/7/2020	Distribution System	Bacteriological	Week
4/14/2020	Distribution System	Bacteriological	Week
4/21/2020	Distribution System	Bacteriological	Week
4/28/2020	Distribution System	Bacteriological	Week
4/7/2020	Distribution System	Fluoride	Monthly

Sampling Point: Dino Well 11D - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence

Sampling Point: Hampton Well 13 - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
4/6/2020	Source Water	Fe, Mn, As, Total	Weekly
4/13/2020	Source Water	Fe, Mn, As, Total	Weekly
4/20/2020	Source Water	Fe, Mn, As, Total	Weekly
4/27/2020	Source Water	Fe, Mn, As, Total	Quarterly

Sampling Point: Hampton WTP Effluent			
Sample Date	Sample Class	Sample Name	Collection Occurrence
4/6/2020	Treated Effluent	Fe, Mn, As, Total	Weekly
4/13/2020	Treated Effluent	Fe, Mn, As, Total	Weekly
4/20/2020	Treated Effluent	Fe, Mn, As, Total	Weekly
4/27/2020	Treated Effluent	Fe, Mn, As, Total	Weekly

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

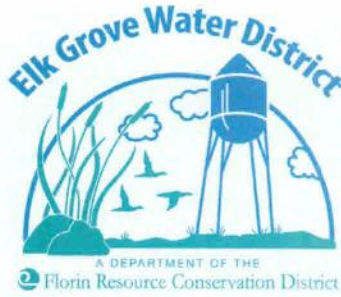
Sampling Point: Railroad Well 14D - Raw Water			
Sample Date	Sample Class	Sample Name	Collection Occurrence
4/7/2020	Source Water	Full Title 22	Triannual
4/7/2020	Source Water	Bacteriological	Quarterly
4/7/2020	Source Water	Fe, Mn, As Dissolved	Quarterly
4/7/2020	Source Water	Threshold Odor	Quarterly

Sampling Point: Railroad WTP Effluent			
Sample Date	Sample Class	Sample Name	Collection Occurrence
4/7/2020	Treated Effluent	Full Title 22	Triannual
4/7/2020	Treated Effluent	Bacteriological	Quarterly
2/4/2020	Treated Plant Effluent	WTP Eff - Fe,Mn,As,Al Total	Month
2/4/2020	Treated Plant Effluent	WTP Eff - Fe,Mn,As,Al Dissolved	Month

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

Sampling Point: Special Distribution/Construction Samples		
Sample Date	Sample Class	Sample Name
4/14/2020	Source Water	General Minerals, Trace Metals, BOD
4/14/2020	Source Water	General Minerals, Trace Metals, BOD
4/17/2020	Source Water	General Minerals, Trace Metals, BOD
4/17/2020	Source Water	General Minerals, Trace Metals, BOD
4/17/2020	Source Water	General Minerals, Trace Metals, BOD
4/17/2020	Source Water	General Minerals, Trace Metals, BOD
4/23/2020	Source Water	General Minerals, Trace Metals, BOD, TSS, TKN, pH

<u>Colors</u>	<u>Monthly Total</u>	<u>Yearly Total</u>
Black = Scheduled	62	245
Green = Unscheduled	8	34
Red = Incomplete Sample	0	0



May 7, 2020

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

**WASTEWATER SOURCE CONTROL MONTHLY COMPLIANCE REPORT**

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Enclosed is the Wastewater Source Control Monthly Compliance Report Form from Elk Grove Water District for April 2020.

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

A handwritten signature in blue ink, appearing to read "Steve Shaw", is written over a horizontal line.

STEVE SHAW  
WATER TREATMENT SUPERVISOR

**COMPLIANCE REPORT FORM**

Attn: Michelle Pate	E-mail: patem@sacsewer.com	Wastewater Source Control Section
Phone(916)875-9091		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:	April	Year:	2020
--------	-------	-------	------

<input checked="" type="checkbox"/>	Water use/flow meter report		Total Gallons
		Hampton WTP	25,212
		Railroad WTP	0
		Analyzer Water	35,715

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

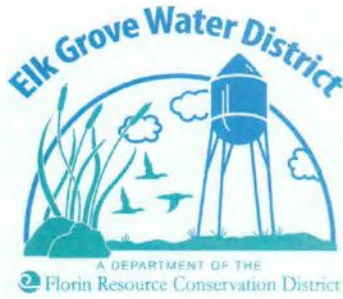
**Certification Statement**

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

SIGNATURE of Authorized Representative: 

PRINTED NAME, TITLE: Steve Shaw Water Treatment Supervisor  
 (Name) (Title)

DATE: May 7, 2020



May 6, 2020

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

**MONTHLY SUMMARY OF DISTRIBUTION SYSTEM COLIFORM MONITORING**

Enclosed is the Monthly Summary of the Distribution System Coliform Monitoring report from Elk Grove Water District for April 2020.

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

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

STEVE SHAW  
WATER TREATMENT SUPERVISOR

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

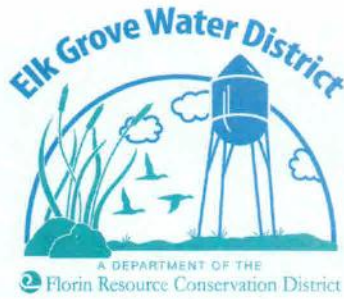
System Name <p style="text-align: center; font-size: 1.2em;">Elk Grove Water District</p>	System Number <p style="text-align: center; font-size: 1.2em;">3410008</p>
Sampling Period <p style="text-align: center; font-size: 1.2em; color: blue;">April</p>	Year <p style="text-align: center; font-size: 1.2em;">2020</p>

	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/ E.coli Positives
1. Routine Samples (see note 1)	40	40	0	0
2. Repeat Samples following Samples that are Total Coliform Positive and Fecal/E.coli <i>Negative</i> (see notes 5 and 6)		0	0	<input type="text"/>
3. Repeat Samples following Routine Samples that are Total Coliform <i>Positive</i> and Fecal/E.coli Positive (see notes 5 and 6)		0	<input type="text"/>	<input type="text"/>
4. MCL Computation for Total Coliform Positive Samples				
a. Totals (sum of columns)		40	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. Is system in compliance. ...with fecal/E. coli MCL? (see notes 2 and 3)	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No	
...with monthly MCL? (see note 4)	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No	
5. Source Samples Triggered by Routine Samples that are Total Coliform Positive (This applies <b>only</b> to systems subject to the Groundwater Rule - see notes 7 and 8)		0	0	<input type="text"/>
6. Invalidated Samples (Note what samples, if any, were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)				
7. Summary Completed By: <b>Steve Shaw</b>				

Signature 	Title <p style="text-align: center; font-weight: bold;">Water Treatment Supervisor</p>	Date <p style="text-align: center; font-weight: bold;">5/6/20</p>
---------------	---	--

**NOTES AND INSTRUCTIONS:**

1. Routine samples include:
  - a. Samples required pursuant to 22 CCR Section 64423 and any additional samples required by an approved routine sample siting plan established pursuant to 22 CCR Section 64422.
  - b. Extra samples are required for systems collecting less than five routine samples per month that had one or more total coliform positives in previous month;
  - c. Extra samples for systems with high source water turbidities that are using surface water or groundwater under direct influence of surface water and do not practice filtration in compliance with regulations;
2. Note: For a repeat sample following a total coliform positive sample, any fecal/*E. coli* positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Department** (22, CCR, Section 64426.1).
3. Note: For repeat sample following a fecal/*E. coli* positive sample, any total coliform positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Department** (22, CCR, Section 64426.1).
4. Total coliform MCL (Notify Department within 24 hours of MCL violation):
  - a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the MCL is violated.
  - b. For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the MCL is violated.
5. Positive results and their associated repeat samples are to be tracked on the Coliform Monitoring Worksheet.
6. Repeat samples must be collected within 24 hours of being notified of the positive results. For systems collecting more than one routine sample per month, three repeat samples must be collected for each total coliform positive sample. For systems collecting one or fewer routine samples per month, four repeat samples must be collected for each total coliform positive sample.
7. For systems subject to the Groundwater Rule: Positive results and the associated triggered source samples are to be tracked on the Coliform Monitoring Worksheet.
8. For triggered sample(s) required as a result of a total coliform routine positive sample, an *E. coli*, enterococci, or coliphage positive triggered sample (boxed entry) **requires immediate notification to the Department, Tier 1 public notification, and corrective action.**



May 6, 2020

State Water Resources Control Board  
Division of Drinking Water  
1001 I Street  
13<sup>th</sup> 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 April 2020.

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



# Elk Grove Water District

## Hampton GWTP Monthly Report

PWS Number 3410008-013  
 GWTP Name Hampton Water Treatment Plant

Month: April

Date	Hour Meter	Run Hours	Production Meter	Well Production	Backwash Meter	Backwash Waste	Weekly In-House Monitoring (mg/L) R (Raw) T (Treated) As (ug/L)				Weekly Average				
last day	13854	0	832221238	0	16102999	18720952	Date	Fe, R	Fe, T	Mn, R	Mn, T	As, R	As, T	Inf. pH	Eff. pH
1	13854	0	832221238	0	16102999	18720952	4/6/2020	0.013	0.015	0.057	0.005	<2	2	Week 1: 6.9	to 7.5
2	13854	0	832221238	0	16102999	18720952	4/13/2020	0.031	0.145	0.147	0.002	<2	<2	Cl2	
3	13854	0	832221238	0	16102999	18720952	4/20/2020	0.017	0.024	0.02	0	<2	<2	Week 2: 6.8	to 7.5
4	13854	0	832221238	0	16102999	18720952	4/27/2020	0.017	0.035	0.009	0	<2	<2	Cl2	
5	13854	0	832221238	0	16102999	18720952								Cl2	0.63
6	13854	0	832221238	0	16102999	18720952								Week 3: 6.8	to 7.5
7	13855	1.7	832320285	99047	16102999	18728375	Total Gallons Sodium Hypochlorite: 2.8 Gal						Cl2		0.65
8	13855	0	832320285	0	16102999	18728375	Pounds per day 0.113 lbs/Day						Week 4: 6.8	to 7.5	
9	13855	0	832320285	0	16102999	18728375	Dosage (Milligrams Per Liter @ 12.5% Cl) 1.8 mg/L						Cl2		0.63
10	13855	0	832320285	0	16102999	18728375	Total Gallons Ferric Chloride: 2.09 Gal						Week 5: _____	to _____	
11	13855	0	832320285	0	16102999	18728375	Dosage (Milligrams Per Liter @ 38% FeCl) .65mg/L						Cl2		
12	13855	0	832320285	0	16102999	18728375	Total Gallons Sodium Hydroxide: 2.84 Gal						Cl2		
13	13855	0	832320285	0	16102999	18728375	Dosage (Gallons Per Hour @ 30% NaOH) 0.48 Gal/Hr						Cl2		
14	13856	0.8	832367875	47590	16102999	18728375	Total Gallons Sulfuric Acid : 2.06 Gal						Cl2		
15	13856	0	832367875	0	16102999	18728375	Dose (Gallons Per Hour @ 93% H2SO4 ) 0.33 Gal/Hr						Cl2		
16	13856	0	832367875	0	16102999	18728375	Total Backwashed 15,683 Gal						Cl2		5.6 Hours
17	13856	0	832367875	0	16102999	18728375	Total Water Pumped 321,185 Gal						Cl2		25,212 Gal
18	13856	0	832367875	0	16102999	18728375	Reporting Limits/Units Maximum Contaminant Levels (MCLs)						Cl2		
19	13856	0	832367875	0	16102999	18728375	Iron = 0.100 mg/L Iron (Fe) = 0.300 mg/L (Secondary)						Cl2		
20	13856	0	832367875	0	16102999	18728375	Manganese = 0.010 mg/L Manganese (Mn) = 0.050 mg/L (Secondary)						Cl2		
21	13859	2.4	832498659	130784	16118682	18736919	Arsenic = 1.0 µg/L Arsenic (As) = 10 µg/L (Primary)						Cl2		
22	13859	0	832498659	0	16118682	18736919							Cl2		
23	13859	0	832498659	0	16118682	18736919							Cl2		
24	13859	0	832498659	0	16118682	18736919							Cl2		
25	13859	0	832498659	0	16118682	18736919							Cl2		
26	13859	0	832498659	0	16118682	18736919							Cl2		
27	13859	0	832498659	0	16118682	18746164							Cl2		
28	13859	0.7	832542423	43764	16118682	18746164							Cl2		
29	13859	0	832542423	0	16118682	18746164							Cl2		
30	13859	0	832542423	0	16118682	18746164							Cl2		
31													Cl2		
<b>Total</b>		5.6		321,185	15,683	25,212							Cl2		

Prepared By: Steve Shaw Date: 5/6/2020



May 6, 2020

State Water Resources Control Board  
Division of Drinking Water  
1001 I Street  
13<sup>th</sup> Floor  
Sacramento, Ca. 95814

### **MONTHLY FLUORIDATION MONITORING REPORT**

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Enclosed is the Monthly Summary of the Fluoridation Monitoring from Elk Grove Water District for April 2020.

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

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

STEVE SHAW  
WATER TREATMENT SUPERVISOR

# ELK GROVE WATER DISTRICT AREA 2

## DISTRIBUTION SYSTEM

### MONTHLY FLUORIDATION MONITORING REPORT

April-20

Week	Location of Sample	Date	Time	Monitoring Results (mg/L)	Results
1	Hollow Springs	4/7/2020	9:45 AM		0.52
1	Al Gates Park	4/7/2020	10:14 AM		0.52
1	Oreo Ranch	4/7/2020	10:30 AM		0.53
1	Blackman	4/7/2020	11:50 AM		0.64
2	Hollow Springs	4/14/2020	10:04 AM		0.5
2	Al Gates Park	4/14/2020	10:27 AM		0.57
2	Oreo Ranch	4/14/2020	10:57 AM		0.69
2	Blackman	4/14/2020	11:56 AM		0.63
3	Hollow Springs	4/21/2020	9:45 AM		0.59
3	Al Gates Park	4/21/2020	10:09 AM		0.72
3	Oreo Ranch	4/21/2020	10:20 AM		0.79
3	Blackman	4/21/2020	11:40 AM		0.61
4	Hollow Springs	4/28/2020	9:32 AM		0.58
4	Al Gates Park	4/28/2020	9:50 AM		0.62
4	Oreo Ranch	4/28/2020	10:10 AM		0.75
4	Blackman	4/28/2020	11:40 PM		0.71
5	Hollow Springs				
5	Al Gates Park				
5	Oreo Ranch				
5	Blackman				

Monthly fluoride split sample results:

Date: 4/7/2020

Water System Results: 0.53 mg/L

Approved Lab: 0.7 mg/L

Contact Name: Steve Shaw

Telephone : (916) 585-9386

System PWS Number: 3410008

# Elk Grove Water District

## Preventative Maintenance Program

### Groundwater Wells

		Monthly												Semi-annual			Annual		
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1ST 6-MO.	2ND 6-MO.	Refer.	2020		
<b>Well 14D</b> Railroad	Initials	AH	BW	BW	AH											Sect: 7.1			
	Date	1/14/20	2/10/20	3/9/20	4/6/20											Sect: 7.2			
	W.O.#	18424	18564	18671	18715											Sect: 7.3			
<b>Well 4D</b> Webb	Initials	AH	AH	AH/BW	AH											Sect: 8.1			
	Date	1/8/20	2/6/20	3/11/20	4/7/20											Sect: 8.2			
	W.O.#	18425	18565	18672	18716											Sect: 8.3			
<b>Well 11D</b> Dino	Initials	AH	AH	AH	AH											Sect: 9.1			
	Date	1/9/20	2/4/20													Sect: 9.2			
	W.O.#	18426	18566	18673	18717											Sect: 9.3			
<b>Well 1D</b> School	Initials	AH	AH	AH	AH											Sect: 13.1			
	Date	1/3/20	2/4/20	3/11/20	4/13/20											Sect: 13.2			
	W.O.#	18427	18567	18674	18718											Sect: 13.3			
<b>Well 8</b> Williamson	Initials	BW	AH	AH	BW											Sect: 11.1			
	Date	1/8/20	2/7/20	3/9/20	4/6/20											Sect: 11.4			
	W.O.#	18428	18568	18675	18719											Sect: TBD			
<b>Well 9</b> Polhemus	Initials	AH	AH	AH/BW	BW											Sect: TBD			
	Date	1/7/20	2/9/20	3/11/20	4/6/20											Sect: TBD			
	W.O.#	18429	18569	18676	18720											Sect: TBD			
<b>Well 13</b> Hampton	Initials	AH/BW	AH	AH/BW	AH											Sect: TBD			
	Date	1/13/20	2/4/20	3/12/20	4/6/20											Sect: TBD			
	W.O.#	18430	18570	18677	18721											Sect: TBD			

█ = Well Offline

Year: 2020

# Elk Grove Water District

Preventative Maintenance Program

Railroad Water Treatment and Storage Facility

Item	Monthly												Quarterly			Semi-annual			Annual						
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1st	2nd	3rd	4th	Refer.	1st	6 <sup>th</sup> MO.	6 <sup>th</sup> MO.	Refer.	2020	
Clor-Tec System	Section: 4.2	AH 1/15/20 18434	AH/BW 2/24/20 18571	AH 3/12/20 18678	AH 4/21/20 18725									Section: 4.3	AH 3/25/20 18622									Section: 4.4	4.4
Filter System	Section: 5.1	BW 1/2/20 18435	AH 2/6/20 18572	AH/BW 3/12/20 186979	AH 4/9/20 18726									Section: 5.1										Section: 5.3	5.3
Backwash System	Section: 2.1	BW 1/6/20 18436	BW 2/3/20 18573	BW 3/5/20 18680	BW 4/2/20 18727									Section: 2.1										Section: 2.3	
Booster Pumps	Section: 3.1	BW 1/6/20 18437	BW 2/3/20 18574	AH/BW 3/12/20 18681	BW 4/6/20 18728									Section: 3.1										Section: 3.2	3.2
LAB														Section: 1.1	AH/BW 3/27/20 18682										
Clear Wells																									
MCC																									

Year: 2020

# 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-MO.	2ND 6-MO.	Refer.	2020			
Chemical Systems	TBD	AH/BW 1/13/20 18431	AH 2/13/20 18561	AH/BW 3/12/20 18668	AH 4/6/20 18722									TBD	AH/BW 3/17/20 18683									Section: TBD	Section: TBD	
Filter System	TBD	AH/BW 1/13/20 18432	AH 2/13/20 18561	AH/BW 3/12/20 18669	AH 4/6/20 18723									TBD											Section: TBD	Section: TBD
Backwash System	TBD	AH/BW 1/13/20 18433	AH 2/13/20 18563	AH/BW 3/12/20 18670	AH 4/6/20 18724									TBD											Section: TBD	Section: TBD
LAB															AH 3/23/20 18684										Section: TBD	
MCC																									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.	2020
<b>Railroad</b>	Initials	AH	AH	AH	AH									Section:	AH
	Date	1/14/20	2/3/20	3/12/20	4/6/20									TBD	2/3/20
	W.O. #	18438	18557	18664	18711										18456
<b>Webb</b>	Initials	AH	BW	AH/BW	AH									Section:	BW
	Date	1/8/20	2/11/20	3/11/20	4/7/20									TBD	1/22/20
	W.O. #	18439	18558	18665	18712										18456
<b>Dino</b>	Initials	AH	BW	AH/BW	AH									Section:	AH/BW
	Date	1/9/20	2/11/20	3/11/20	4/7/20									TBD	3/4/20
	W.O. #	18440	18559	18666	18713										18457
<b>Admin.</b>	Initials	AH	AH/BW	AH/BW	AH									Section:	AH/BW
	Date	1/30/20	2/24/20	3/12/20	4/23/20									TBD	3/4/20
	W.O. #	18441	18560	18667	18714										18458

= Load Test

**Elk Grove Water District**

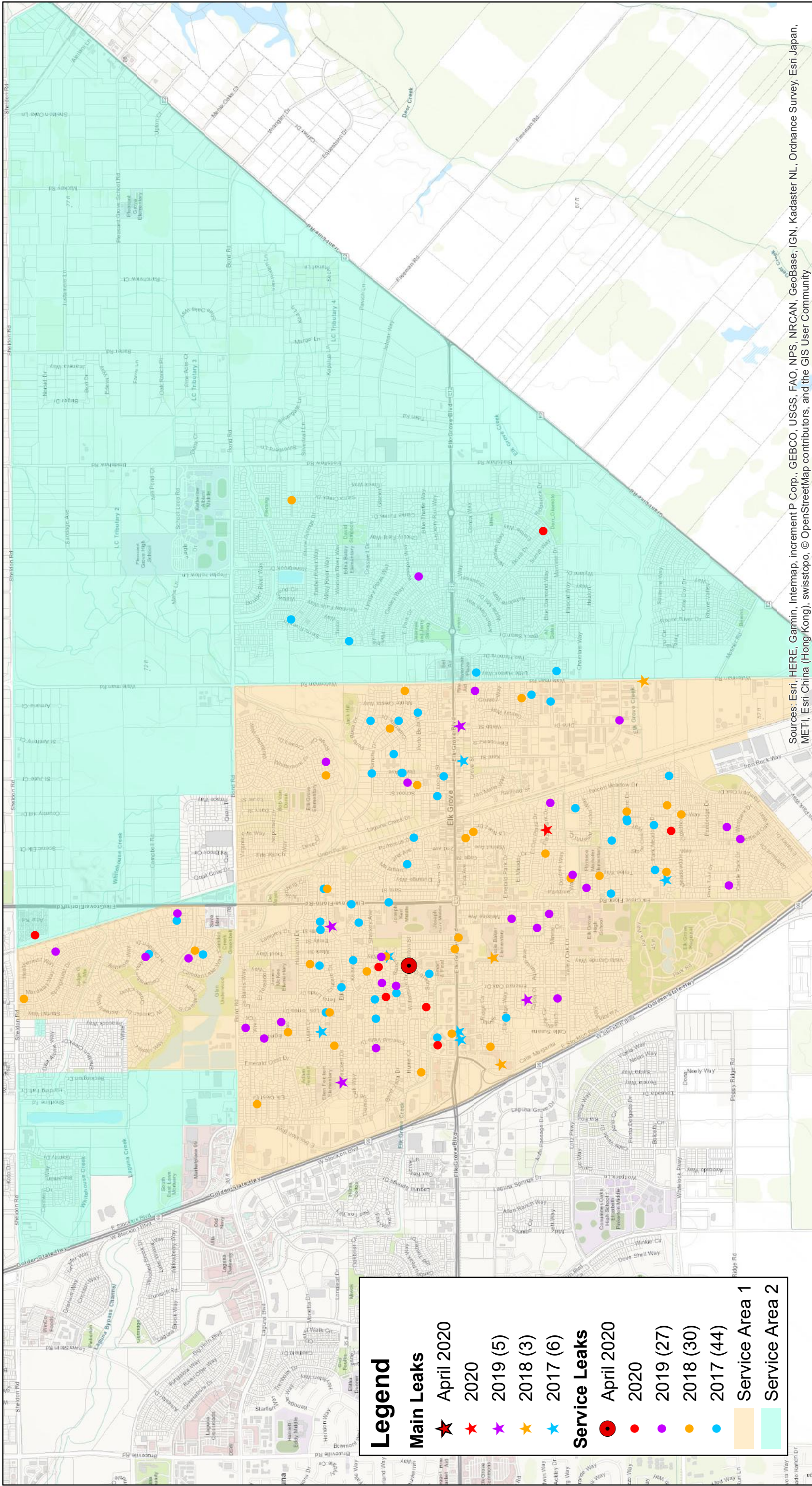
**Cross Connection Control Program 2020**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Totals
First Test Notices Issued	47	40	83	15									185
Passed First Test Notice	39	25	57	2									123
Initial Balance	8	15	26	13									62
Notices Retracted	4	0	0	0									17
New Balance	4	15	26	13									58
Second Test Notices Issued	4	15	26	13									58
Passed Second Test Notice	0	7	7	2									16
Third Test Notice Issued	4	0	19	11									34
Passed Third Test Notice	4	0	3	0									7
Devices Locked Off	0	0	0	0									0
Monthly Outstanding Delinquents	0	0	16	11									27
<b>Total Outstanding Delinquents</b>													<b>27</b>




Elk Grove Water District  
 Safety Meetings/Training  
 April 2020

Date	Topic	Attendees	Hosted By
4/29/2020	COVID-19 Health and Safety Concerns In The Workplace	Alan Aragon, Aurelia Camilo, Stefan Chanh, Travis Franklin, David Frederick, Aaron Hewitt, James Hinegardner, Sean Hinton, Bruce Kamilos, Amber Kavert, Brandon Kent, Patrick Lee, Mark Madison, Denise Maxwell, Justin Mello, Jose Mendoza, Sal Mendoza, Michael Montiel, Donella Murillo, Daphne Murra-Davis, Stefani Phillips, Chris Phillips, Cindy Robertson, Steve Shaw, John Vance, Brandon Wagner, Tonia Williams, Marcell Wilson, Vue Xiong	Ron Lee



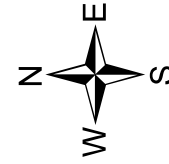
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

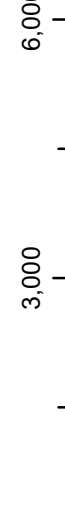
April 2020	
Main Line Leaks: 0	YTD: 1
Service Line Leaks: 1	YTD: 9
Total Leaks: 1	YTD: 10



## Elk Grove Water District

### Main and Service Line Leaks Map





Elk Grove Water District  
Main & Service Line Leaks  
Created by: Travis Franklin  
Date: May 5, 2020

### Legend

**Main Leaks**

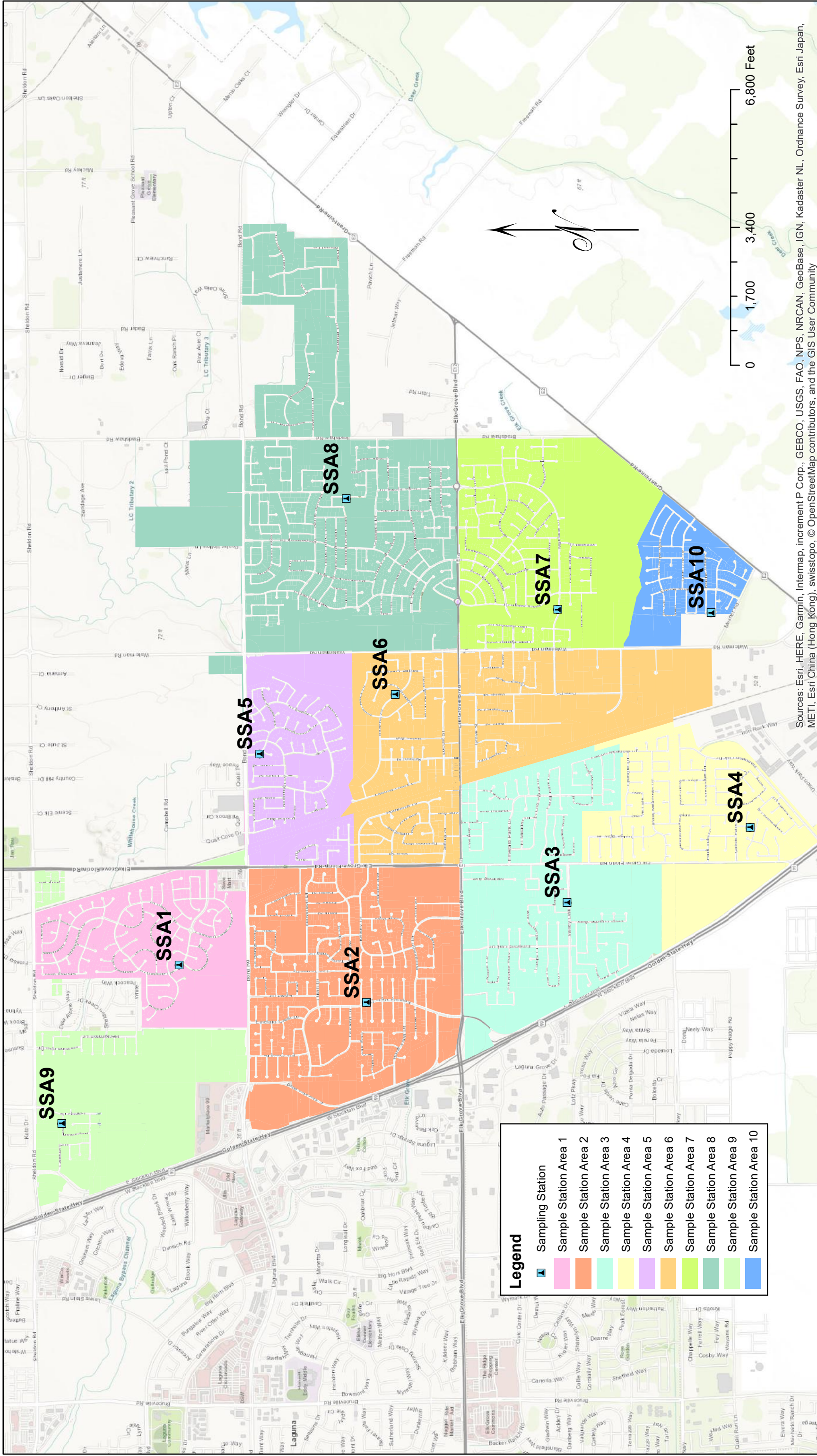
- ★ April 2020
- ★ 2020
- ★ 2019 (5)
- ★ 2018 (3)
- ★ 2017 (6)

**Service Leaks**

- April 2020
- 2020
- 2019 (27)
- 2018 (30)
- 2017 (44)

■ Service Area 1 (Orange)

■ Service Area 2 (Light Green)



**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

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

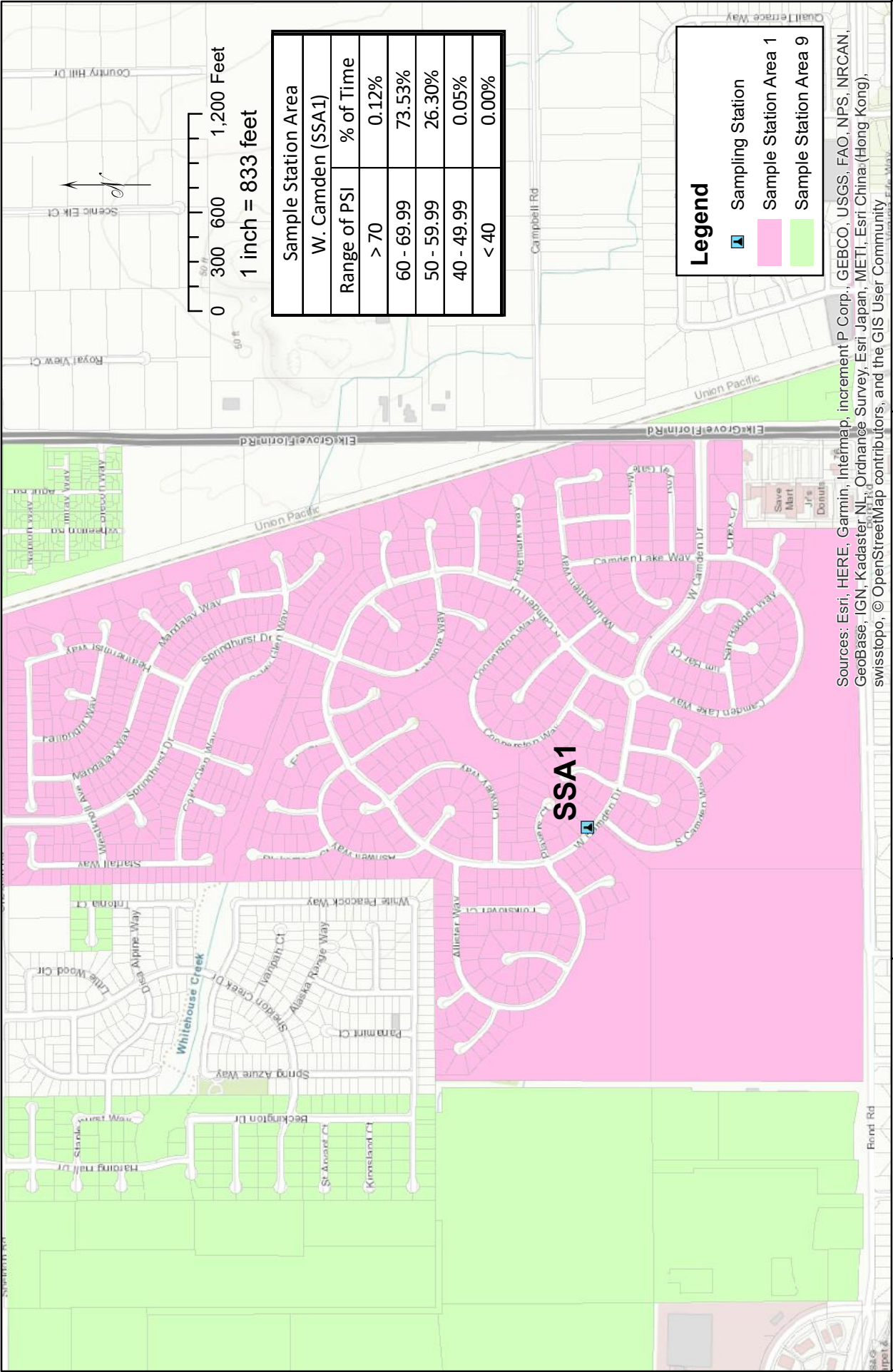
Projected Coordinate System: NAD 83 State Plane CA II FIPS 0402
Source: EGWD GIS database
Modified by: Travis Franklin
May 7, 2020

# Elk Grove Water District

## Sample Station Areas

**Sample Stations: 10**



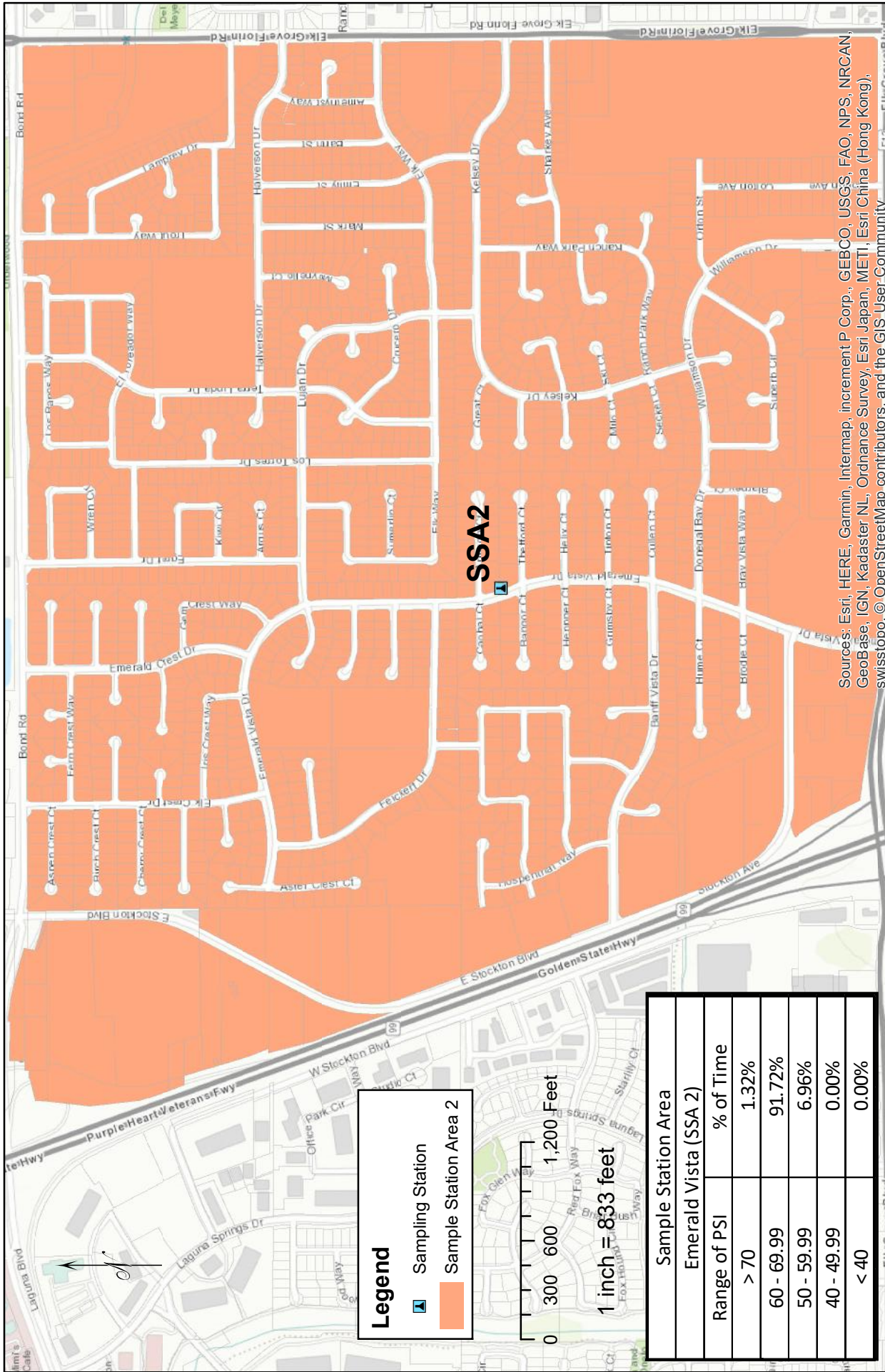


Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

**Elk Grove Water District**  
**System Pressure Monitoring**

Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source:EGWD GIS database  
 Created by: Travis Franklin  
 May 7, 2020

**Sample Station #1**  
 Note: Sample Station takes a reading every 5 minutes.  
 April 2020



Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source: EGWD GIS database  
 Created by: Travis Franklin  
 May 7, 2020

## Elk Grove Water District System Pressure Monitoring

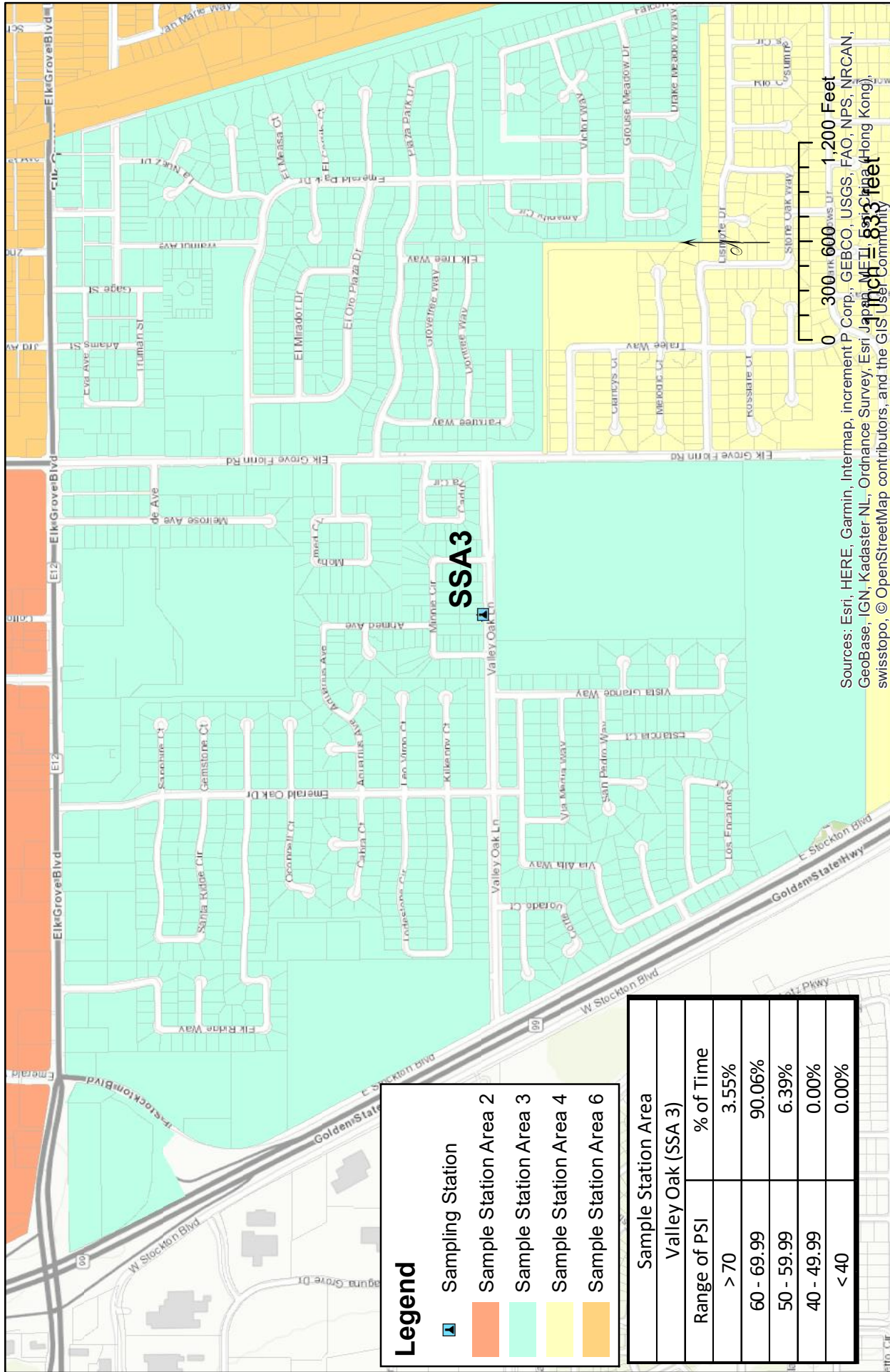


### Sample Station #2

Note: Sample Station takes a reading every 5 minutes.

April 2020

Sample Station Area	% of Time
Emerald Vista (SSA 2)	1.32%
Range of PSI	91.72%
> 70	6.96%
60 - 69.99	0.00%
50 - 59.99	0.00%
40 - 49.99	0.00%
< 40	0.00%



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

Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source: EGWD GIS database  
 Created by: Travis Franklin  
 May 7, 2020

## Elk Grove Water District

### System Pressure Monitoring



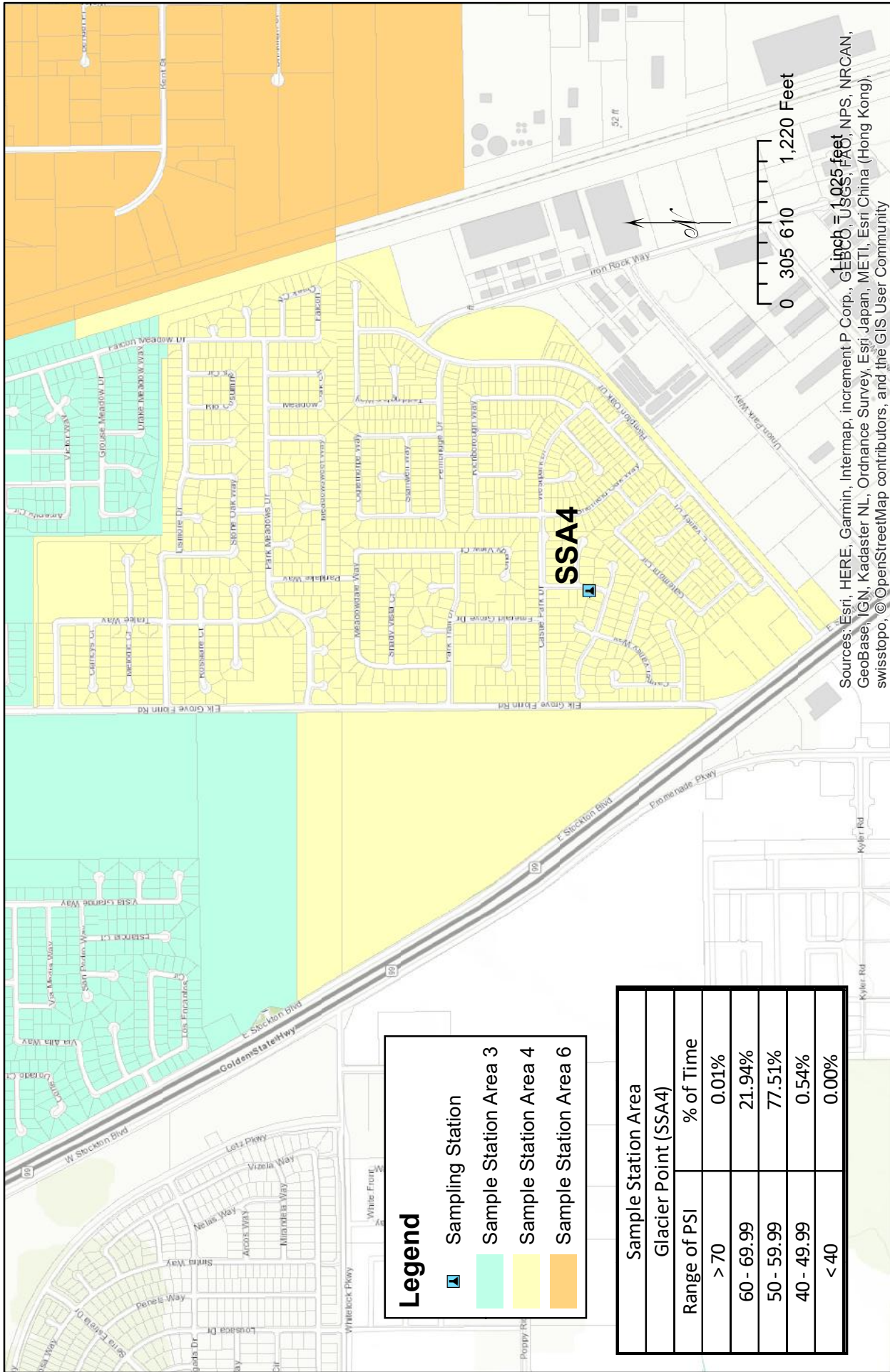
Legend	
	Sampling Station
	Sample Station Area 2
	Sample Station Area 3
	Sample Station Area 4
	Sample Station Area 6

Sample Station Area	
Valley Oak (SSA 3)	
Range of PSI	% of Time
> 70	3.55%
60 - 69.99	90.06%
50 - 59.99	6.39%
40 - 49.99	0.00%
< 40	0.00%

### Sample Station #3

Note: Sample Station takes a reading every 5 minutes.

April 2020



**Legend**

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

Sample Station Area	Glacier Point (SSA4)	% of Time
Range of PSI		
> 70		0.01%
60 - 69.99		21.94%
50 - 59.99		77.51%
40 - 49.99		0.54%
< 40		0.00%

**Sample Station #4**

Note: Sample Station takes a reading every 5 minutes.

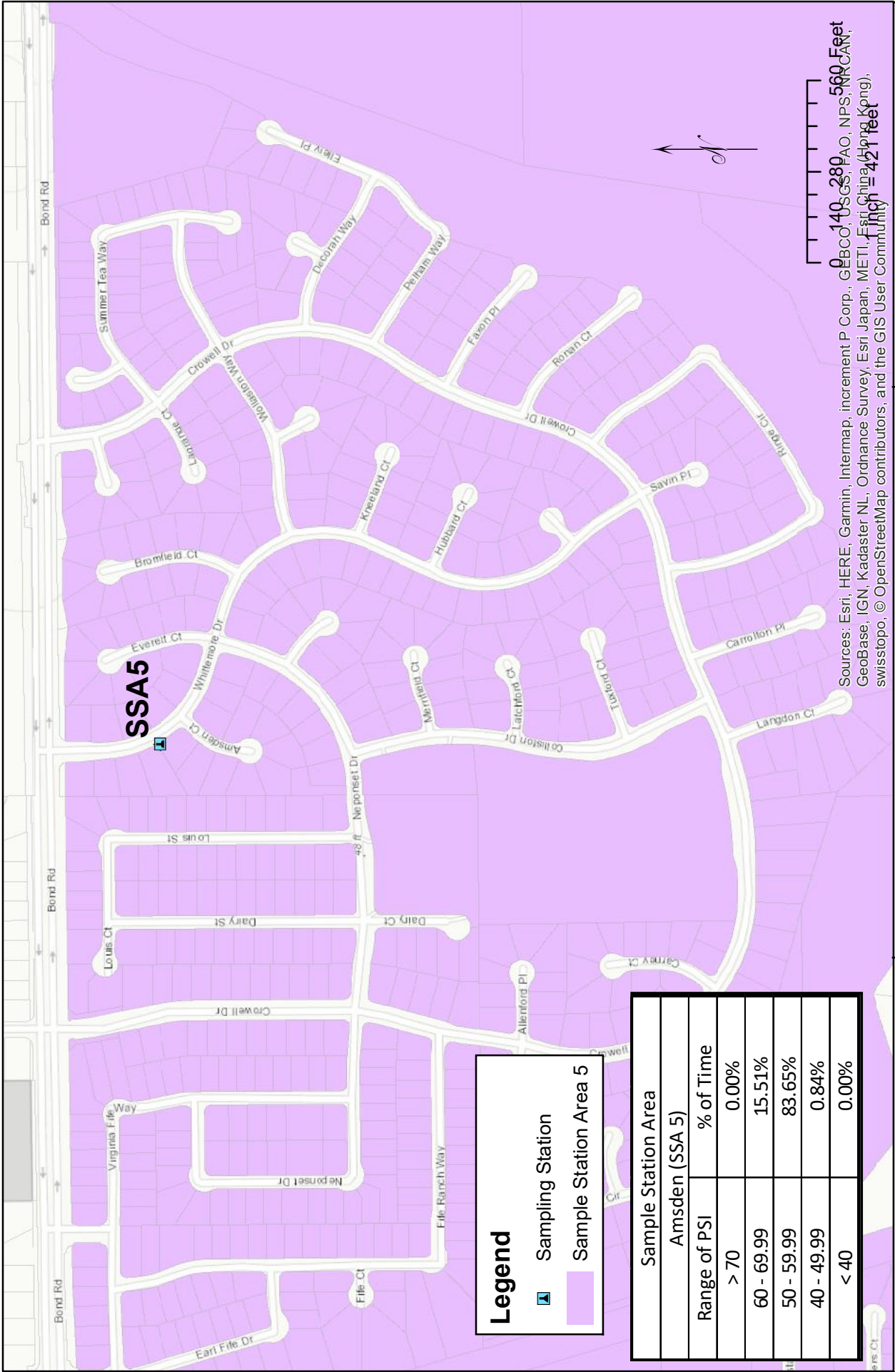
April 2020



**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  
May 7, 2020

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





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

140, 280, 560 Feet

421 feet

**Legend**

-  Sampling Station
-  Sample Station Area 5

Sample Station Area	Amsden (SSA 5)	Range of PSI	% of Time
		> 70	0.00%
		60 - 69.99	15.51%
		50 - 59.99	83.65%
		40 - 49.99	0.84%
		< 40	0.00%



**Elk Grove Water District**  
System Pressure Monitoring

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

Source: EGWD GIS database

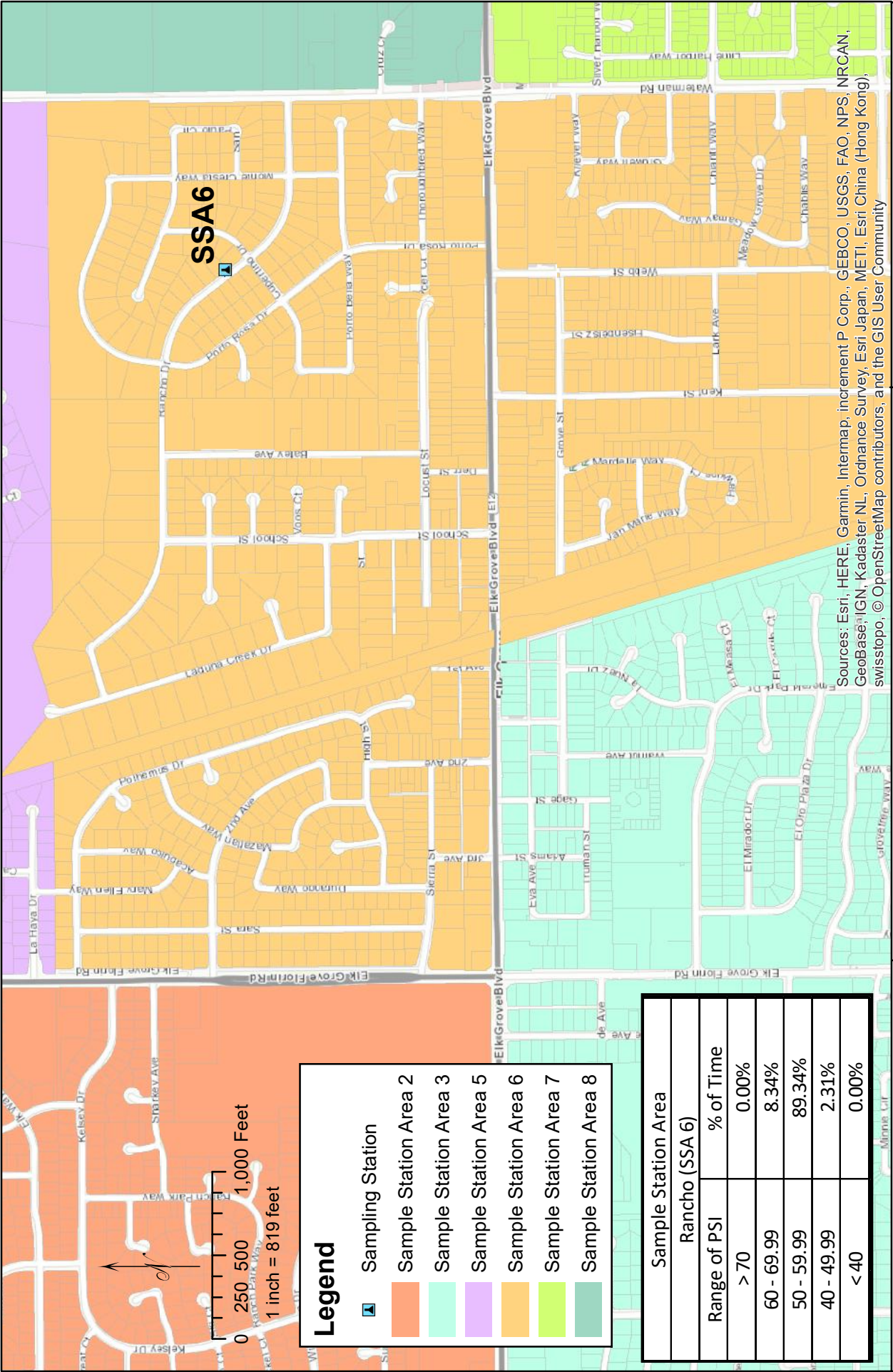
Created by: Travis Franklin  
May 7, 2020

**Sample Station #5**

Notes: Sample Station takes a reading every 5 minutes.

April 2020





**Legend**

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

Sample Station Area	Range of PSI	% of Time
Rancho (SSA 6)	> 70	0.00%
	60 - 69.99	8.34%
	50 - 59.99	89.34%
	40 - 49.99	2.31%
	< 40	0.00%

**Sample Station #6**

Note: Sample Station takes a reading every 5 minutes.

April 2020



## Eik 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  
 May 7, 2020

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



**Legend**

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

Sample Station Area	
Mainline (SSA 7)	
Range of PSI	% of Time
> 70	0.00%
60 - 69.99	85.16%
50 - 59.99	14.84%
40 - 49.99	0.00%
< 40	0.00%



## Elk Grove Water District

### System Pressure Monitoring

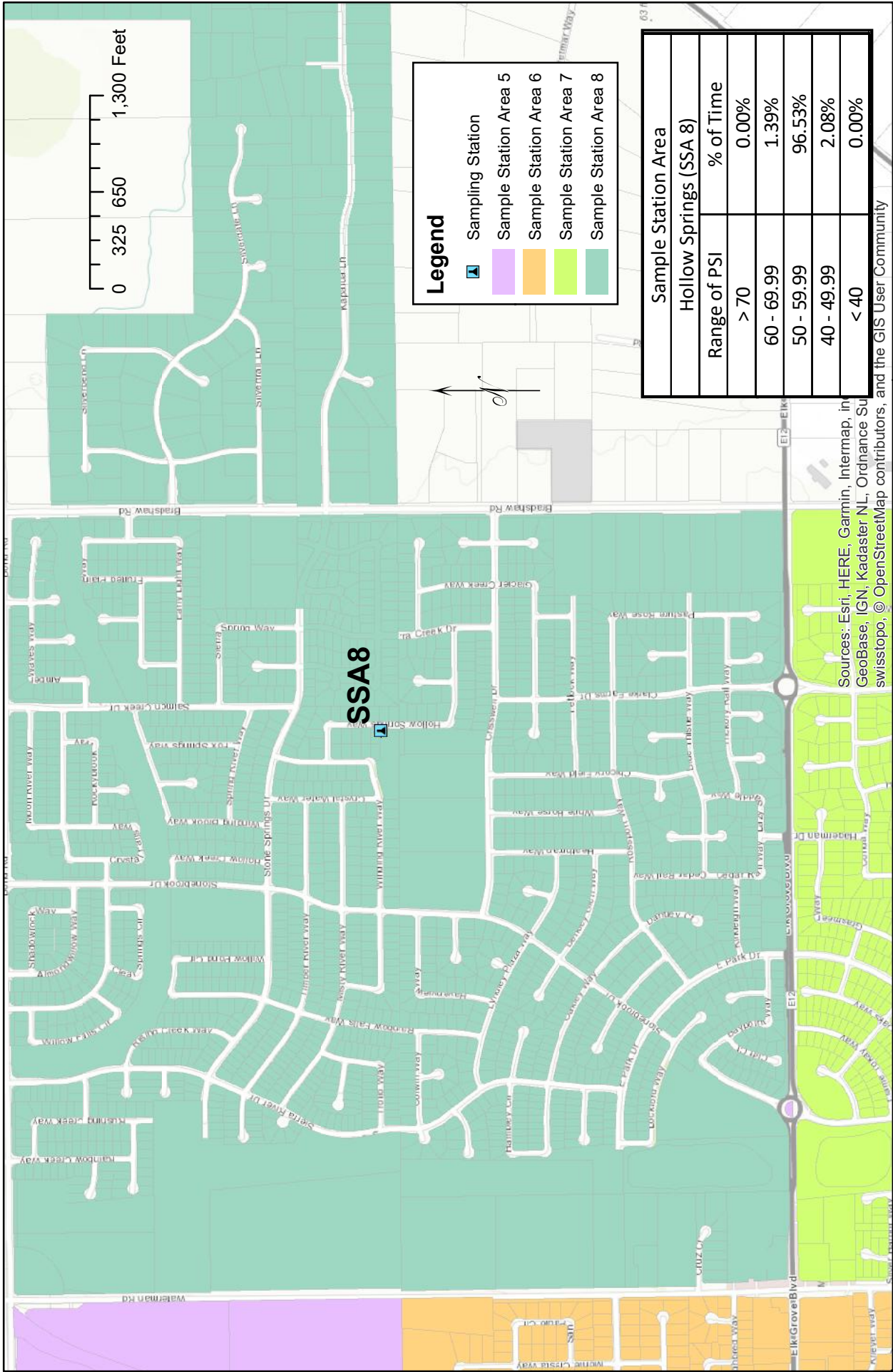
Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source: EGWD GIS database  
 Created by: Travis Franklin  
 May 7, 2020

**Sample Station #7**

Note: Sample Station takes a reading every 5 minutes.

April 2020

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



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

Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source: EGWD GIS database  
 Created by: Travis Franklin  
 May 7, 2020

## Elk Grove Water District

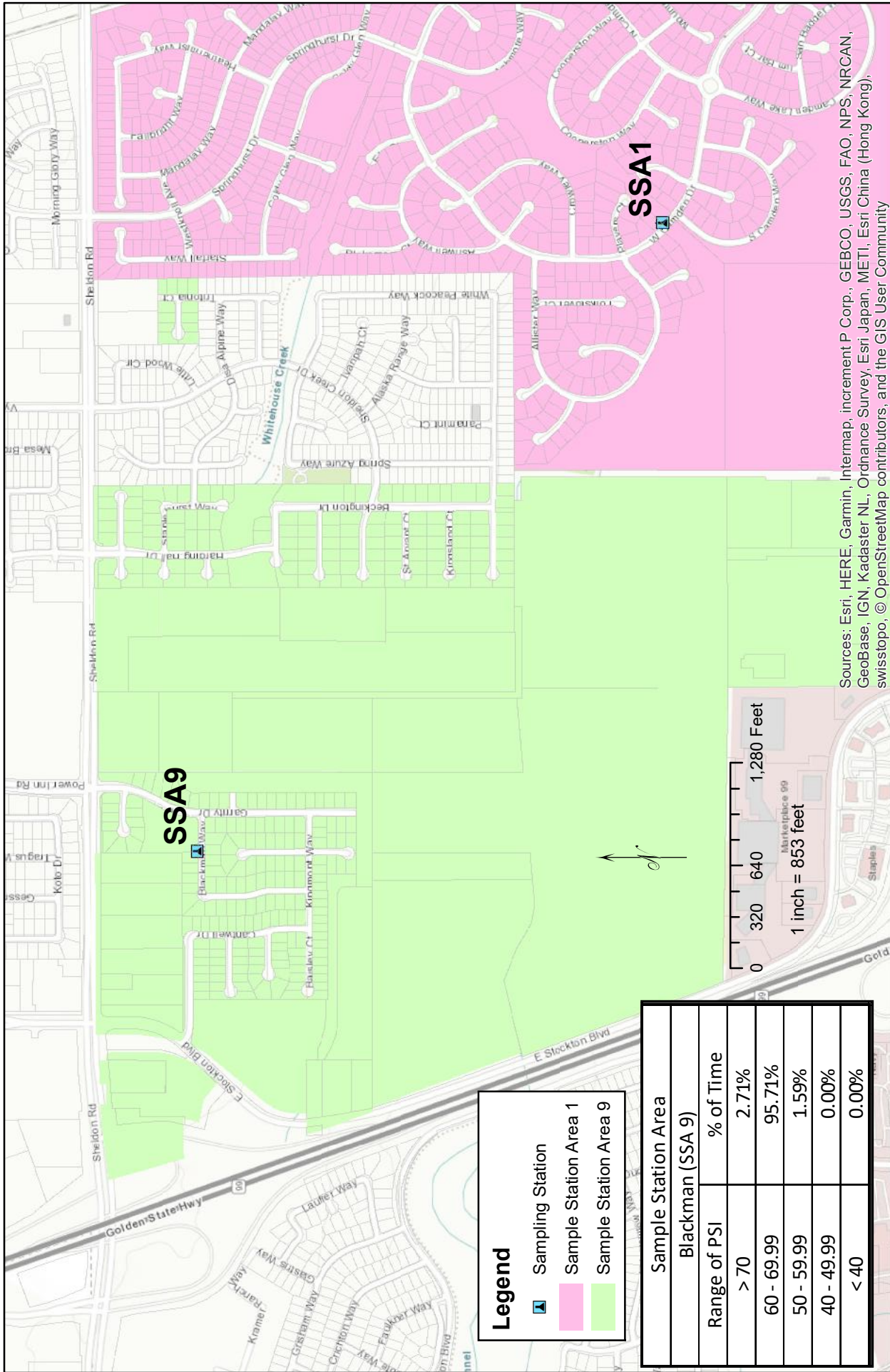
### System Pressure Monitoring

**Sample Station #8**

**Note:** Sample Station takes a reading every 5 minutes.

April 2020





**Legend**

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

Sample Station Area	
Blackman (SSA 9)	
Range of PSI	% of Time
> 70	2.71%
60 - 69.99	95.71%
50 - 59.99	1.59%
40 - 49.99	0.00%
< 40	0.00%

**Sample Station #9**

Note: Sample Station takes a reading every 5 minutes.

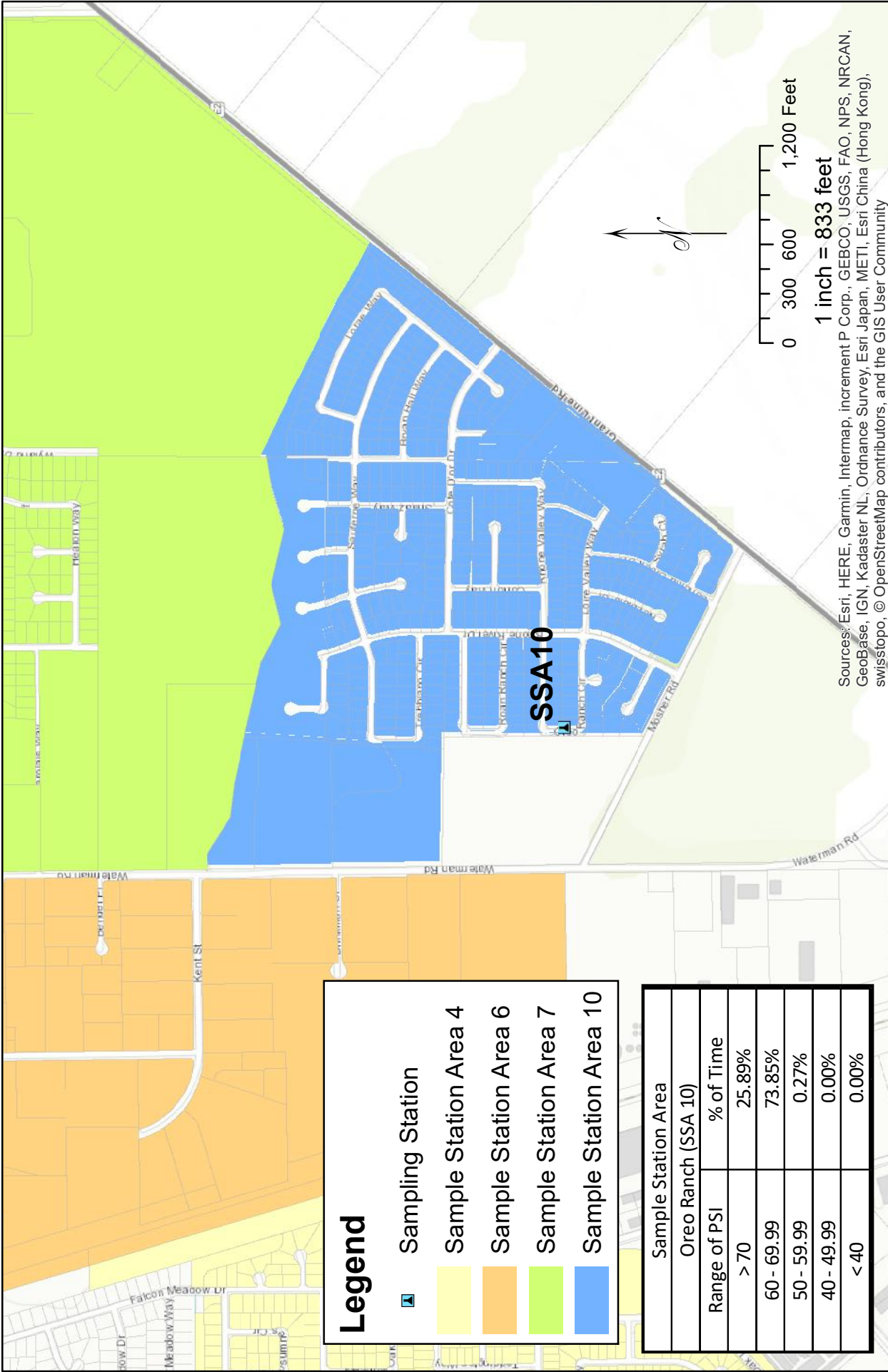
April 2020




**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  
May 7, 2020

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



**Legend**

-  Sampling Station
-  Sample Station Area 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	25.89%
60 - 69.99	73.85%
50 - 59.99	0.27%
40 - 49.99	0.00%
< 40	0.00%

**Sample Station #10**

Note: Sample Station takes a reading every 5 minutes.

April 2020



**Elk Grove Water District**  
System Pressure Monitoring

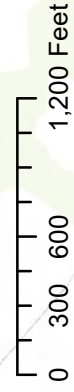
Projected Coordinate System:  
NAD 83 State Plane CA II FIPS 0402

Source: EGWD GIS database

Created by: Travis Franklin

May 7, 2020

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



May 19, 2020

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Patrick Lee, Finance Manager/Treasurer

SUBJECT: **DRAFT ELK GROVE WATER DISTRICT FISCAL YEAR 2020-21 OPERATING BUDGET**

### **RECOMMENDATION**

It is recommended that the Florin Resource Conservation District Board of Directors review and discuss the draft Elk Grove Water District Fiscal Year 2020-21 Operating Budget.

### **SUMMARY**

Each year staff develops the draft operating budget of estimated revenues and expenditures and presents the document to the Finance Committee and Florin Resource Conservation District (District) Board of Directors (Board). Attached to this report is the draft Elk Grove Water District (EGWD) Fiscal Year (FY) 2020-21 Operating Budget development worksheet (Attachment 1) and the draft EGWD FY 2020-21 Proposed Operating Budget (Attachment 2) for review and discussion. Following the presentation and discussion, staff generally makes revisions and brings the revised document back to the Finance Committee and Board at a subsequent meeting(s) for further discussion prior to the advancing to the Board for adoption in June.

### **DISCUSSION**

#### **Background**

The Finance Committee met on May 5, 2020 to discuss the draft EGWD FY 2020-21 Operating Budget development worksheet.

#### **Present Situation**

As more information has been gathered, the following changes have been made to the draft EGWD FY 2020-21 Operating Budget development worksheet since the May 5, 2020 Finance Committee meeting.

- Revenues:
  - Revenues increased by \$10,000 due to the omission of projected Backflow Installation revenues from the draft budget development worksheet.

## **DRAFT ELK GROVE WATER DISTRICT FISCAL YEAR 2020-21 OPERATING BUDGET**

Page 2

- Salaries and Benefits:
  - FY 2020-21 salaries have been updated to reflect a COLA of 0.97%. An estimated COLA of 2.5% was used to calculate salary projections in the draft budget development worksheet presented to the Finance Committee on May 5, 2020
- Office and Operational increased by \$5,000
  - Sacramento Central Groundwater Authority association dues were increased from \$75,000 to \$80,000
- Outside Services increased \$90,000
  - Contracted Services was increased \$85,000 for a potential Utility Billing software review and \$1,500 was a potential OPEB Valuation presentation to the Board.

Including the changes discussed above, the draft proposed EGWD FY 2020-21 Operating Budget projects total revenues of \$15.572 million and total expenditures of \$15.770 million. The expenditures in excess of revenues of \$197,592 will be funded from operating reserves carried over from prior years.

This draft proposed budget does include a 3.0% revenue rate adjustment beginning on January 1, 2021. Staff has engaged HDR Engineering, Inc. to perform an update of the 2018 Water Rate Study model, using more updated account, consumption, financial and capital improvement project information to determine if the 3.0% revenue rate adjustment can be deferred into subsequent years. Staff expects the results of the update to be completed prior to the June Regular Board Meeting, at which time, staff will present the final proposed operating budget for adoption.

### **ENVIRONMENTAL CONSIDERATIONS**

There are no direct environmental considerations associated with this report.

### **STRATEGIC PLAN CONFORMITY**

This item, and all other budget related activities, conforms to the FRCD/EGWD's 2020-25 Strategic Plan. Adoption of an annual balanced budget is specifically identified as a goal in the Fiscal Responsibility section of the Strategic Plan.

May 19, 2020

**DRAFT ELK GROVE WATER DISTRICT FISCAL YEAR 2020-21 OPERATING  
BUDGET**

---

Page 3

**FINANCIAL SUMMARY**

There is no financial impact at this time.

Respectfully submitted,



PATRICK LEE  
FINANCE MANAGER/TREASURER

Attachments





Account	Description	FY 17-18	FY 18-19	FY 19-20	FY 19-20	FY 19-20	Ops	Tech Services	GM	HR	PM	Finance	Admin	FY 2020-21	Difference	Percentage	
		Actual	Actual	Budget	Y-T-D - 3-31-19	Projected	500	560	610	620	640	650	700	Budget	Dollars		
<b>Office &amp; Operational</b>																	
5410	Advertising	\$ 10,615	\$ 5,033	\$ 3,500	\$ 3,959	\$ 5,279	50.82%				\$ 2,000	\$ 2,000		\$ 2,000	\$ 6,000	\$ 2,500	71.43%
5415	Association Dues	79,874	133,306	122,013	120,258	120,258	-1.44%	3,100	400	300		570	150,236	154,606	32,593	26.71%	
5420	Insurance	86,006	54,500	88,450	86,750	86,750	-1.92%						102,880	102,880	14,430	16.31%	
5425	Licenses, Certifications, Fees	2,154	2,969	6,140	4,249	5,665	-7.73%	4,300	235	250	-	500	1,160	6,445	305	4.97%	
5430	Repairs & Maintenance - Automotive	38,236	34,719	46,500	28,367	37,823	-18.66%	40,000	1,500				500	42,000	(4,500)	-9.68%	
5432	Repairs & Maintenance - Building	29,902	28,691	53,900	37,042	49,389	-8.37%	43,000					20,500	63,500	9,600	17.81%	
5434	Repairs & Maintenance - Computers	21,208	35,060	22,630	13,726	18,301	-19.13%	9,975	1,575			7,825		19,375	(3,255)	-14.38%	
5435	Repairs & Maintenance - Equipment	97,388	99,860	119,500	95,551	127,401	6.61%	100,000	500				1,500	102,000	(17,500)	-14.64%	
5438	Fuel	40,128	38,956	51,000	27,406	36,541	-28.35%	40,000	1,000			720		41,720	(9,280)	-18.20%	
5440	Materials	122,500	64,740	125,000	60,104	80,139	-35.89%	95,000					2,000	97,000	(28,000)	-22.40%	
5445	Chemicals	42,494	39,418	52,000	27,196	36,261	-30.27%	45,000						45,000	(7,000)	-13.46%	
5450	Meter Repairs	27,055	64,073	64,500	146,378	146,378	126.94%	130,000						130,000	65,500	101.55%	
5453	Permits	83,498	47,486	55,050	56,416	56,416	2.48%	65,000					50	65,050	10,000	18.17%	
5455	Postage	76,355	55,593	70,200	38,822	51,763	-26.26%		100		26,750		58,000	84,950	14,750	21.01%	
5460	Printing	10,514	13,067	24,600	4,171	5,561	-77.39%		250		26,000	4,000		30,350	5,750	23.37%	
5465	Safety Equipment	7,633	5,381	27,200	17,379	23,172	-14.81%	15,000			500			15,500	(11,700)	-43.01%	
5470	Software Programs & Updates	105,785	156,644	171,469	73,268	73,268	-57.27%	69,653	45,360		45,000	50,680		210,693	39,224	22.88%	
5475	Supplies	32,351	24,674	31,000	18,949	25,265	-18.50%	14,000	2,600		1,000	120	13,000	30,720	(280)	-0.90%	
5480	Telephone	39,030	32,310	37,704	19,451	25,935	-31.22%	29,589					10,000	39,589	1,885	5.00%	
5485	Tools	5,370	17,059	10,000	7,532	10,043	0.43%	11,000	1,500					12,500	2,500	25.00%	
5490	Clothing Allowance	8,206	8,576	7,700	1,778	2,371	-69.21%	7,000	700					7,700	-	0.00%	
5491	EGWD Other Clothing	6,223	5,687	13,108	8,265	11,020	-15.93%	13,000						13,000	(108)	-0.82%	
5493	Water Conservation Materials	12,289	6,224	5,000	-	-	-100.00%				18,000			18,000	13,000	260.00%	
	<b>Category Subtotal</b>	<b>\$ 984,814</b>	<b>\$ 974,026</b>	<b>\$ 1,208,164</b>	<b>\$ 897,017</b>	<b>\$ 1,034,999</b>	<b>-14.33%</b>	<b>\$ 734,617</b>	<b>\$ 55,720</b>	<b>\$ 550</b>	<b>\$ 48,200</b>	<b>\$ 73,870</b>	<b>\$ 87,955</b>	<b>\$ 337,666</b>	<b>\$ 1,338,578</b>	<b>\$ 130,415</b>	<b>10.79%</b>
5495	<b>Purchased Water</b>	<b>\$ 2,873,292</b>	<b>\$ 2,777,344</b>	<b>\$ 3,135,689</b>	<b>\$ 2,012,630</b>	<b>\$ 3,018,945</b>	<b>-3.72%</b>	<b>\$ 3,198,404</b>						<b>\$ 3,198,404</b>	<b>\$ 62,715</b>	<b>2.00%</b>	
<b>Outside Services</b>																	
5505	Administration Services	\$ 3,200	\$ 3,820	\$ 3,590	\$ 4,921	\$ 6,561	82.77%				\$ 3,590			\$ 3,590	\$ -	0.00%	
5510	Bank Charges	132,426	159,130	178,808	128,223	170,964	-4.39%					184,308		184,308	5,500	3.08%	
5515	Billing Services	23,597	19,228	31,800	12,738	21,251	-33.17%					28,800		28,800	(3,000)	-9.43%	
5520	Contracted Services	297,891	345,052	416,625	220,711	294,281	-29.37%	24,000	50,000	5,000	30,000	31,500	380,500	521,000	104,375	25.05%	
5525	Accounting Services	25,536	34,860	35,000	17,100	17,100	-51.14%						35,000	35,000	-	0.00%	
5530	Engineering	21,858	68,671	184,000	83,818	111,757	-39.26%		115,000					115,000	(69,000)	-37.50%	
5532	Special Projects	-	-	-	-	-	0.00%		100,000					100,000	100,000	100.00%	
5535	Legal Services	192,023	118,159	175,000	53,736	71,648	-59.06%			175,000				175,000	-	0.00%	
5540	Financial Consultants	112,879	10,421	10,000	1,750	1,750	-82.50%					10,000		10,000	-	0.00%	
5545	Community Relations	8,679	16,958	21,200	7,030	9,373	-55.79%			1,200		8,000		9,200	(12,000)	-56.60%	
5552	Misc. Medical	2,548	2,648	2,500	891	1,188	-52.48%				2,500			2,500	-	0.00%	
5550	Pre-employment	425	46	1,000	1,185	1,185	18.50%				1,000			1,000	-	0.00%	
5555	Janitorial	7,015	7,655	16,000	8,089	10,785	-32.59%	15,000					7,000	22,000	6,000	37.50%	
5560	Bond Administration	4,220	3,800	7,050	5,770	5,770	-18.16%						7,050	7,050	-	0.00%	
5570	Security	51,049	20,874	28,500	18,593	24,791	-13.02%	18,000					11,100	29,100	600	2.11%	
5575	Sampling	39,230	32,094	49,500	23,973	31,964	-35.43%	40,000						40,000	(9,500)	-19.19%	
5580	Board Secretary/Treasurer	-	-	-	-	-	0.00%							-	-	0.00%	
	<b>Category Subtotal</b>	<b>\$922,576</b>	<b>\$843,416</b>	<b>\$1,160,573</b>	<b>\$588,528</b>	<b>\$780,369</b>	<b>-32.76%</b>	<b>\$97,000</b>	<b>\$265,000</b>	<b>\$181,200</b>	<b>\$37,090</b>	<b>\$39,500</b>	<b>\$258,108</b>	<b>\$405,650</b>	<b>1,283,548</b>	<b>122,975</b>	<b>10.60%</b>

(380,204)

Account	Description	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Y-T-D - 3-31-19	FY 19-20 Projected		Ops 500	Tech Services 560	GM 610	HR 620	PM 640	Finance 650	Admin 700	FY 2020-21 Budget	Difference Dollars	Percentage
<b>Equipment Rent, Taxes and Utilities</b>																	
5620	Equipment Rental	\$ 23,266	\$ 16,075	\$ 17,800	\$ 15,689	\$ 20,919	17.52%	\$ 15,000						\$ 12,800	\$ 27,800	\$ 10,000	56.18%
5710	Property Taxes	959	1,116	1,500	995	995	-33.67%							1,500	1,500	-	0.00%
5740	Electricity	320,004	292,047	362,000	286,014	365,462	0.96%	390,000						7,000	397,000	35,000	9.67%
5750	Natural Gas	517	779	900	565	753.33	-16.30%							900	900	-	0.00%
5760	Sewer & Garbage	29,532	23,982	34,000	25,409	33,879	-0.36%	25,000						12,180	37,180	3,180	9.35%
	<b>Category Subtotal</b>	<b>\$ 374,278</b>	<b>\$ 333,999</b>	<b>\$ 416,200</b>	<b>\$ 328,672</b>	<b>\$ 422,008</b>	<b>1.40%</b>	<b>\$ 430,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 34,380</b>	<b>\$ 464,380</b>	<b>\$ 48,180</b>	<b>11.58%</b>
	<b>Gross O&amp;M Expenses</b>	<b>\$ 9,106,617</b>	<b>\$ 8,911,329</b>	<b>\$ 10,304,600</b>	<b>\$ 6,954,262</b>	<b>\$ 9,521,442</b>	<b>-7.60%</b>	<b>\$ 6,569,605</b>	<b>\$ 753,817</b>	<b>\$ 471,675</b>	<b>\$ 374,410</b>	<b>\$ 274,932</b>	<b>\$ 1,323,784</b>	<b>\$ 943,012</b>	<b>\$ 10,711,235</b>	<b>\$ 406,635</b>	<b>3.95%</b>
	<b>Less: Capitalized Labor</b>	<b>\$ (279,633)</b>	<b>\$ (279,633)</b>	<b>\$ (424,667)</b>	<b>\$ (180,994)</b>	<b>\$ (217,193)</b>	<b>-48.86%</b>	<b>\$ (376,961)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (376,961)</b>	<b>\$ 47,706</b>	<b>-11.23%</b>
	<b>Net O&amp;M Expenses</b>	<b>\$ 8,826,984</b>	<b>\$ 8,631,696</b>	<b>\$ 9,879,933</b>	<b>\$ 6,773,268</b>	<b>\$ 9,304,249</b>	<b>-5.83%</b>	<b>\$ 6,192,645</b>	<b>\$ 753,817</b>	<b>\$ 471,675</b>	<b>\$ 374,410</b>	<b>\$ 274,932</b>	<b>\$ 1,323,784</b>	<b>\$ 943,012</b>	<b>\$ 10,334,275</b>	<b>\$ 454,342</b>	<b>4.60%</b>
	<b>Net Revenues</b>	<b>\$ 6,516,141</b>	<b>\$ 6,601,978</b>	<b>\$ 5,292,310</b>	<b>\$ 5,623,558</b>	<b>\$ 6,760,009</b>	<b>27.73%</b>								<b>\$ 5,237,877</b>	<b>\$ (54,434)</b>	<b>-1.03%</b>

**2. Capital Improvement Funding**

3560	Repair & Replacement Reserve	\$ 626,000	\$ 626,000	\$ 1,513,000	\$ 611,011	\$ 1,513,000	0.00%							\$ 905,000	\$ 905,000	\$ (608,000)	-40.19%
3565	Long-Term Capital Improvement Reserve	1,130,000	1,130,000	325,000	283,776	325,000	0.00%							525,000	525,000	200,000	61.54%
	Contribution to Reserves	-	-	-	-	-	0.00%							-	-	-	0.00%
	<b>TOTAL CAPITALIZED EXPENSES</b>	<b>\$ 1,756,000</b>	<b>\$ 1,756,000</b>	<b>\$ 1,838,000</b>	<b>\$ 894,787</b>	<b>\$ 1,838,000</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,430,000</b>	<b>\$ 1,430,000</b>	<b>\$ (408,000)</b>	<b>-22.20%</b>

**3. Nonoperating (Revenue) / Expenses**

6440	Depreciation	-	-	-	-	-	0.00%							-	-	-	0.00%
6450	Amortization	-	-	-	-	-	0.00%							-	-	-	0.00%
7300	Debt Service (Bond Interest Expense)	1,807,502	1,726,795	1,661,739	1,661,739	1,661,739	0.00%							1,555,469	1,555,469	(106,270)	-6.40%
7320	Offering Expense - Deferred Charges	-	-	-	-	-	0.00%							-	-	-	0.00%
2500	Bond Retirement	1,990,000	2,165,000	2,165,000	2,165,000	2,165,000	0.00%							2,300,000	2,300,000	135,000	6.24%
9910	Interest Earned	(105,884)	(213,052)	(100,000)	(153,918)	(205,224)	105.22%							(100,000)	(100,000)	-	0.00%
9911	Unrealized Gains/Losses	67,877	(198,473)	-	(68,241)	(90,988)	0.00%							-	-	-	0.00%
9920	Other (Income)/expenses	91,661	(39,929)	-	(27,175)	(27,175)	0.00%							-	-	-	0.00%
3500	Contribution from Operating Reserves	-	-	-	-	-	0.00%							-	-	-	0.00%
9920	Other Expenses (Toilet Program Costs, Other Income)	-	-	-	-	-	0.00%							-	-	-	0.00%
9950	Election Costs	-	2,008	-	-	-	0.00%							250,000	250,000	250,000	0.00%
9970	Rebate Program	-	-	-	-	-	0.00%							-	-	-	0.00%
	<b>TOTAL OTHER EXPENSES</b>	<b>\$ 3,851,156</b>	<b>\$ 3,442,349</b>	<b>\$ 3,726,739</b>	<b>\$ 3,577,405</b>	<b>\$ 3,503,352</b>	<b>-5.99%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,005,469</b>	<b>\$ 4,005,469</b>	<b>\$ 278,730</b>	<b>7.48%</b>

**TOTAL EXPENDITURES**

<b>\$ 14,434,140</b>	<b>\$ 13,830,045</b>	<b>\$ 15,444,672</b>	<b>\$ 11,245,460</b>	<b>\$ 14,645,601</b>	<b>-5.17%</b>	<b>\$ 6,192,645</b>	<b>\$ 753,817</b>	<b>\$ 471,675</b>	<b>\$ 374,410</b>	<b>\$ 274,932</b>	<b>\$ 1,323,784</b>	<b>\$ 6,378,481</b>	<b>\$ 15,769,743</b>	<b>\$ 325,072</b>	<b>2.10%</b>
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**DISTRICT REVENUES IN EXCESS OF EXPENDITURES**

<b>\$ 908,985</b>	<b>\$ 1,403,629</b>	<b>\$ (272,428)</b>	<b>\$ 1,151,366</b>	<b>\$ 1,418,657</b>	<b>-620.75%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (197,592)</b>	<b>\$ 74,836</b>	<b>27.47%</b>
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**TRANSFERS (TO)/FROM RESERVES**

<b>\$ -</b>	<b>\$ -</b>	<b>\$ 272,428</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-100.00%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 197,592</b>		
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**NET BUDGET EXCESS/(DEFICIENCY)**

<b>\$ 908,985</b>	<b>\$ 1,403,629</b>	<b>\$ -</b>	<b>\$ 1,151,366</b>	<b>\$ 1,418,657</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 74,836</b>	<b>#DIV/0!</b>
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# **Fiscal Year 2020-21 Operating Budget**



**Elk Grove Water District**  
9257 Elk Grove Boulevard  
Elk Grove, CA 95624  
(916) 685-3556  
[www.egwd.org](http://www.egwd.org)

**Board of Directors**

Tom Nelson, Chairperson  
Bob Gray, Vice-Chairperson  
Lisa Medina, Director  
Elliot Mulberg, Director  
Sofia Scherman, Director

**Appointed Official**

Mark J. Madison, General Manager

**Leadership Team**

Bruce Kamilos, Assistant General Manager  
Stefani Phillips, Human Resource Administrator/Board Secretary  
Patrick Lee, Finance Manager/Board Treasurer  
Donella Murillo, Finance Supervisor  
Travis Franklin, Program Manager  
Steve Shaw, Water Treatment Supervisor  
Sean Hinton, Water Distribution Supervisor  
Alan Aragon, Water Distribution Supervisor

## GOVERNING VALUES

Board members and employees of the Florin Resource Conservation District and Elk Grove Water District commit to the following values:

- **Transparency:** We recognize that transparency is the foundation of good governance. We are committed to openness and accountability in all District endeavors.
- **Leadership:** We are a team. The community is supported through mutual cooperation and respect. Great ideas come from many sources and we listen with an open mind.
- **Caring:** We care about the quality of our water, we care about our customers' satisfaction and we care about the quality of the working environment.
- **Integrity:** We are honest with one another, with our customers and with our industry partners. We maintain a quality operation that is fiscally sound and forthright. We want the trust and respect of our community and ratepayers.
- **Professionalism:** We are committed to standards of excellence, accuracy and superior conduct.
- **Vision:** We recognize that decisions we make today impact the future of this District and our community. We value our community's natural resources and actively seek ways to improve our services through local control and stewardship.



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**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

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**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

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**To:** Florin Resource Conservation District Board of Directors  
**From:** Mark J. Madison, General Manager  
**Date:** June 19, 2019  
**Subject:** **ELK GROVE WATER DISTRICT FY 2020-21 OPERATING BUDGET**

For your consideration, I respectfully submit the proposed annual Elk Grove Water District (EGWD) Operating Budget for the fiscal year beginning July 1, 2020. This proposed operating budget reflects a collaborative effort between staff and the Board, as well as allowing for input from the public during several meetings.

The EGWD continued to be successful in fiscal year (FY) 2019-20 in controlling costs to maintain financial stability. This was aided as EGWD revenues are anticipated to be higher than budgeted by approximately \$892,000. Overall, the bottom-line (Revenues in Excess of Expenditures) is projected to close approximately \$1.7 million higher than the projection in the EGWD FY 2019-20 Operating Budget. Cost savings were achieved in all expenditure categories through careful monitoring of expenditures throughout the year, with Office and Operational and Outside Services accounting for the expenditure categories with the most cost savings, totaling approximately \$550,000. These savings were offset by the capitalization of less labor costs than budgeted.

Office and Operational costs are projected to be approximately \$173,000 under budget and this is primarily due to lower costs associated with materials and software program updates, which was offset by an increase in spending for meters.

Outside Services costs are projected to be approximately \$380,000 under budget and this is primarily due to a decrease in legal, engineering and contracted services costs. The majority of these services were handled in-house and resulted in savings from the amounts budgeted.

For the proposed FY 2020-21 budget, expenditures are projected to exceed revenues by approximately \$198,000. This is due mainly to an overall increase in Office and Operational costs anticipated in FY 2020-21, as well as anticipate elections cost due to FY 2020-21 being an election year. Revenues are projected to increase by approximately \$400,000 in FY 2020-

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

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21, which includes a 3.0% revenue rate adjustment based on the 2018 Water Rate Fee Study approved by the Board on July 18<sup>th</sup>, 2018. Information on this Rate Study and the anticipated revenue increase is provided in the Revenue Section of this budget document.

EGWD expenditures have been reduced to the maximum extent possible. The largest expenditure categories in FY 2020-21 are Salaries and Benefits at 27.73% of total projected expenditures, Purchased Water cost at 20.28% of total projected expenditures and Debt Service at 24.45% of total projected expenditures. The proposed FY 2020-21 Operating Budget also reflects a 0.97% cost-of-living adjustment (COLA) applied to salaries.

Certain expenditures are expected to inflate, and the notable examples include medical costs (estimated to go up 6.0% for any employees who have not exceeded the EGWD medical subsidy cap), purchase water costs (up an estimated 2.0%) and office and operational by approximately 10.79%.

This next year also updates the 5-year Capital Improvement Program (CIP), in which all capital expenditures will be assigned to specific projects. Notable projects for FY 2020-21 include service replacements for backyard water mains, well rehabilitation service line replacements and the replacement of a fleet vehicle. Cost estimates for next year's projects are \$1,430,000 and will be funded using capital improvement and capital replacement reserves.

The Board of Directors and Staff of the FRCD/EGWD remain committed to prudent, conservative financial practices, with goals of continuing to reduce long-term debt and funding capital improvements on a pay as you go basis.

The EGWD has also completed efforts to review its rates and fees with the intent of attaining long-term stability and maintaining sufficient debt service coverage required by its outstanding bond covenant.

I would like to thank staff for their conscientious efforts in prudent management of EGWD resources to meet the demands of great customer service and responsible facilities maintenance. I want to also thank the Board of Directors for their leadership and continued interest in prudent fiscal management.

In summary, the EGWD will continue to maintain financial discipline during FY 2020-21 and this reflects a concerted effort by the Board and staff to maintain our customer rates and charges as low as possible.



MARK J. MADISON, P.E.  
GENERAL MANAGER

## INDUSTRY ANALYSIS AND CURRENT STATUS

**Issues Currently Affecting the Water Industry.** The American Water Works Association (AWWA) 2019 State of the Water Industry Report has identified the top five issues facing the water industry as: 1) renewal and replacement of aging infrastructure; 2) financing for capital improvements; 3) long-term water supply availability; 4) public understanding of the value of water systems and services; and 5) watershed/source water protection.

The EGWD is proactively addressing these top five issues identified by AWWA. As part of its five-year CIP, EGWD is replacing aging infrastructure such as old water mains each and every year. In addition, EGWD, through its Asset Management Plan, annually assesses the condition of all of its assets to determine when projects should be undertaken to replace assets. EGWD currently has a pay-as-you-go policy to fund replacement of aging assets. To address long-term water supply availability, the EGWD prepares an urban water management plan every five years as required by law that verifies its ability to meet long-term water demands. To improve public understanding of the value of water, water systems and services, EGWD periodically issues a newsletter to its customers, and participates in two large annual events where people in our community gather. To ensure watershed/source water protections, EGWD is working with the Sacramento Regional Water Authority to prepare a Regional Water Reliability Plan that addresses, in part, source water protection in the American River Basin. EGWD will also be preparing a Risk and Resiliency Plan which will link to the United States Bureau of Reclamation American River Basin Study which forecasts the long-term effects of climate change.

**Changing Water Demands.** Although more efficient use of water is a major goal of the industry, in areas where customer growth is slow or nonexistent, declining water use left unaddressed can decrease operating revenue and affect how costs are recovered through rates and charges. In some cases, utilities must explain to customers that their rates must go up even as their community uses the same amount of water or less water.

The EGWD has experienced gradual decreases in water consumption from 2014 to 2016 due to the drought starting in 2014. In 2017, when the emergency drought declaration was lifted by the Governor, the EGWD started to experience gradual increases in water consumption. This gradual increase, however, was offset by certain conservation efforts, such as installing water efficient appliances and landscaping, which result in long-term water use reductions. Water consumption still has not returned to the pre-drought levels experienced in 2013 and earlier.

**Cost Recovery and Affordability.** Faced with increasing capital needs and potential funding shortfalls, many utilities must increase the rates they charge for water services in the immediate future. The affordability of water has become a significant issue for low-income households and a higher priority for water utilities that struggle to reconcile the need to

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

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adequately fund infrastructure while not overburdening those who cannot afford rate increases.

The EGWD completed a 5-year water rate study during the summer of 2018, setting forth the incremental rate adjustments for years 2019 through 2023, necessary to continue to fund debt service costs, operating costs and anticipated repairs and replacement costs of aging infrastructure of the water utility. Through prudent financial management, cost control and the implementation of certain cost reduction programs, the EGWD will be able to hold off any rate adjustments for the first two years and only adjust rates by 3.0% for the following 3 years. The EGWD is further investigating whether rate adjustments in the final 3 years of the study can be deferred to maintain affordability while still providing sufficient revenues to maintain operations.

**Long Term Water Supply Availability.** Shifting from long-term to near-term water supply, water systems are dramatically affected by shortages resulting from drought, the severity of which will likely be influenced by climate change moving forward. As communities evaluate their water shortage preparedness, it is also an opportunity to gain an overall better understanding of regional water supply sustainability. EGWD potentially will be partnering with other agencies in the Sacramento region to evaluate the feasibility of groundwater recharge projects and the prospects for developing a flood managed aquifer recharge program.

**Regulatory Compliance.** The importance of current and future regulatory compliance continues to be a main concern of the water industry. New regulatory compliance requirements challenge the ability of water utilities to meet such requirements financially and operationally while continuing to maintain affordability to customers.

Local, State, and Federal regulatory compliance continues to be a concern of the water industry. New standards challenge the ability of water utilities to meet such requirements financially and operationally while continuing to maintain affordability to customers. EGWD is closely tracking these new requirements and is prepared to meet them if implemented.

Tighter State and Federal regulations are expected for perchlorate, coliform bacteria, lead and copper, and possible microplastics and hexavalent chromium. Revised Cross-connection requirements are also expected, and this may require an update of the current EGWD Cross-Connection Ordinance.

## ABOUT THE ELK GROVE WATER DISTRICT

### Introduction

In 1893, after several fires threatened the small town of Elk Grove, CA, local residents banded together and founded the Elk Grove Water Company. The water company began business with twelve owners and 10 customers. The Jones family later purchased the water company in the early 1900's and operated the utility as a private company known as the Elk Grove Water Works. The Florin Resource Conservation District (FRCD) acquired the Elk Grove Water Works in 1999 from the Jones family and created the EGWD, which is a Department of the FRCD. This acquisition changed the governance of the water utility from private ownership to a publicly owned and operated agency. The EGWD is structured as an enterprise fund of the FRCD.

The FRCD and EGWD are governed by an elected five-member Board and advice from one volunteer associate Board member. Board members serve four-year, staggered terms. FY 2019-20 does not reflect any election costs as no Board member terms are set to expire this budget year. The Board of Directors delegate the daily operations of EGWD to the General Manager, who supervises the work of 29 staff members.

### Elk Grove Water District Service Area



The EGWD service area covers 13 sq. miles with a population of approximately 45,000 people, providing water to over 12,600 homes and businesses in Elk Grove. Much of the water supplied is produced by wells located throughout Elk Grove, the treatment and storage

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

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facility at the Railroad Water Treatment Facility (RRWTF) on Railroad Street and the treatment facility on Hampton Drive. EGWD produces over 1.3 billion gallons of water each year, providing supply to approximately two-thirds of the EGWD service area. The remaining area is supplied with water purchased from the SCWA under a long-term agreement. The EGWD also has a robust CIP, which includes many projects to maintain outstanding customer service and water quality that meets all drinking water standards.

**Budget Process**

The EGWD adopts an annual operating budget and an annual CIP to ensure the adequacy of resources to meet EGWD needs and to accomplish the EGWD's mission.

The EGWD's budget process begins with a Leadership Team Budget Kickoff Workshop to discuss timeline and identify strategic goals and objectives. Each department head is then responsible for developing their departmental operating budget for submission to the Finance Department. The Human Resources Department is responsible for the development of personnel budget and the Finance Department is responsible for the preparation of revenue estimates. Once all departmental operating budgets, personnel budget and the revenue estimates are completed, the Finance Department will compile the information into the budget document.

As required by certain debt covenants, the annual operating budget is evaluated to ensure that net revenues, as defined by the debt covenant, are equal to or exceed a minimum of 115 percent of the anticipated debt service for the budget year.

The preliminary budget is presented to the Finance Committee during a public meeting to solicit feedback and comments from the committee and the public. Once all feedback and comments received have been considered and incorporated as appropriate, the final budget is presented to the Board of Directors for adoption during a public meeting prior to each fiscal year end.

**Basis of Accounting**

The EGWD operates on a fiscal year that runs from July 1, through June 30. Accounting and budgetary records are maintained using the full accrual basis of accounting. The EGWD is a single enterprise fund where revenues are recognized when they are earned, and the expenses are recognized when they are incurred. The budget does not include amounts for depreciation, pension expense in accordance with Government Accounts Standards Board (GASB) Statement No. 68, or retiree medical expenses in accordance with GASB Statement No. 75 but does include an expenditure for debt principal. Therefore, the budget is not prepared in the same manner as the Comprehensive Annual Finance Report (CAFR). The budget detailed in this document is used as a management tool for projecting and measuring revenues and expenses.

### **Budgetary Control**

Since the budget is an estimate, from time to time, it may be necessary to make adjustments to fine tune budget line items within expenditure categories. Various levels of budgetary control have been established to maintain the Budget's integrity. The levels of budgetary control are as follows: The General Manager controls the budget at the operating level and budgets are monitored by each respective department head. The General Manager has the authority to transfer balances between budget lines within an expenditure category. Any transfers between expenditure categories or increases in appropriations require approval by the Board of Directors. Budget to actual reports are prepared by the Finance Department and presented to the Board of Directors on a monthly basis.

### **Reserve Policy**

It is the policy of the EGWD that all funds held in reserve be designated to specific uses. The EGWD holds cash reserves for special projects and operations. Such monies are not considered 'surplus' and shall not be made available for other uses without the express authorization of the Board of Directors.

The adequacy of the target reserve year-end balance ranges and/or annual contributions will be reviewed annually during the budgeting and planning process and may be revised accordingly as necessary. The following EGWD reserve fund categories are to be established:

- Operating Reserve Fund – Used to ensure cash resources are available to fund daily administration, operations and customer services. Target Balance is 120 Days of the Annual Operations and Maintenance Budget.
- Capital Improvement Reserve Fund – Used to fund the new assets needed for the operations of the EGWD that enhance or increase capacity. Target Balance is equal to the annual Capital Improvement Program Budget.
- Capital Replacement Reserve Fund – Used to fund replacement of existing assets. Target Balance is equal to the annual Capital Replacement Budget.
- Elections and Special Studies Reserve Fund – Used to fund various special studies, as needs arise in the EGWD such as election costs, Board expenses, etc. Target Balance is \$150,000.
- Future Years Capital Improvement Reserve Fund – Used to fund future assets needed for the operations of the EGWD that enhance or increase capacity in future years not yet identified in the annual CIP. Target Balance is 75% of the balance of the Unrestricted Net Position not allocated to the Operating Reserve Fund, Capital

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

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Improvement Reserve Fund, Capital Replacement Reserve Fund and the Elections Special Studies Reserve Fund upon conclusion of the annual audit.

- Future Years Capital Replacement Reserve Fund – Used to fund the replacement of existing assets in future years not yet identified in the annual CIP. Target Balance is 25% of the balance of the Unrestricted Net Position not allocated to the Operating Reserve Fund, Capital Improvement Reserve Fund, Capital Replacement Reserve Fund and the Elections Special Studies Reserve Fund upon conclusion of the annual audit.

### **Investment Policy**

It is the policy of the EGWD to invest public funds in a manner which will provide the highest investment return with the maximum security while meeting the daily cash flow demands of the EGWD and conforming to all state and local statutes governing the investment of public funds. In accordance with section 53600 et. seq. of the Government Code of the State of California, the authority to invest public funds is expressly delegated to the Board of Directors for subsequent re-delegation to the Finance Manager/District Treasurer.

Investments by the Finance Manager are limited to those instruments specifically described in the EGWD's investment policy. The Finance Manager submits monthly reports to the Board of Directors detailing all investment holdings. In order of importance, the following three fundamental criteria are followed in the investment program: 1) safety of principal; 2) liquidity; and 3) return on investment.

### **Procurement Policy**

The EGWD's procurement policies creates uniform procedures for acquiring general goods and services, professional services, public construction contracts and the acquisition of real property. The primary purpose of the policies are to provide for the purchase of materials and trade services with the objective that they will be available at the proper time, place, quantity and at the best available price, consistent with the needs of the EGWD.

### **Accounting Systems and Controls**

The EGWD uses Sage 100 as its financial accounting system to record its financial transactions. Management has established a system of internal controls that provide a reasonable basis for protecting the EGWD's assets from fraud, waste and abuse and compile sufficient reliable information for the preparation of the EGWD's financial statements. At the end of the year, the EGWD prepares a CAFR consisting of management's representations concerning the EGWD's finances. An independent auditing firm audits this report and examines the EGWD's internal controls and provides an opinion on the financial reporting and suggestions on ways to improve the internal control processes of the EGWD.



### **Long-Term Financial Planning**

With the approval of the 2018 Water Rate Study and associated rate ordinance, the EGWD has a five-year plan that provides for the stable funding of operations, capital projects and debt service. In conjunction with this plan, the EGWD restructured approximately \$32.3 million of outstanding bonded indebtedness in December 2014 and \$16.4 million in June 2016 to provide an average annual savings of \$194,000 over the remaining term of the debt. It should be noted that the EGWD contributed \$1.5 million of reserve funds in order to reduce the remaining term of the debt by 13 years and maintain annual debt service savings on the refinanced bonds. The EGWD has no legal debt limit and does not intend to issue any additional debt. This, along with continued prudent financial management, has assisted in minimizing revenue rate adjustments in FY 2019-20 and will only require a 3.0% revenue rate adjustment in FY 2020-21. Staff will continue to review revenues and expenditures annually to determine whether the projected revenue adjustments as recommended by the 2018 Water Rate Study will be necessary.

### **Budget Assumptions**

A budget is an estimate of revenues and expenditures for a set period of time. The creation of estimates involves a set of assumptions. It is important that the reader of this budget understands the assumptions used in preparing the revenue and expenditures estimates contained herein. Listed below are the primary assumptions used in the creation of this budget:

- 2018 Water Rates Study adopted by the Board on July 18, 2018 will result in a 3.0% revenue rate adjustment beginning January 1, 2021.
- Water consumption will remain unchanged from the prior year due to unknown factors including the economic recession.
- Estimated 2.00% rate increase in Purchased Water cost from the SCWA.
- Estimated 10.57% decrease in workers compensation expense – no rate increases but experience modifier is expected to decrease due to a decrease in claims.
- Estimated 13.40% decrease in employer retirement costs through California Public Employees Retirement System (CalPERS) as a result of the completion of the amortization period for previous performance bases.
- Estimated 6.0% increase in health care insurance costs for all employees that have not yet met the EGWD's medical contribution cap.
- Salary increases will be based on a COLA of 0.97%, in accordance with the consumers price index (CPI), and potential merit increases based upon specific employee performance.

## EGWD by the Numbers

MAXIMUM DAILY WATER SUPPLY CAPACITY	14.4 MGD
NUMBER OF TREATMENT FACILITIES	2
AGGREGATE TREATMENT FACILITY CAPACITY	13.0 MGD
NUMBER OF WELLS	8
MILES OF WATER MAINS	153.6
NUMBER OF BOOSTER PUMPS	10
NUMBER OF ACTIVE SERVICE CONNECTIONS	12,899
NUMBER OF BOND ISSUES OUTSTANDING	2
NUMBER OF CERTIFIED WATER DISTRIBUTION OPERATORS	16
NUMBER OF CERTIFIED WATER TREATMENT OPERATORS	16
NUMBER OF PUBLIC FIRE HYDRANTS	1,660
EGWD SERVICE AREA POPULATION	46,212



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished  
Budget Presentation  
Award*

PRESENTED TO

**Elk Grove Water District  
California**

For the Fiscal Year Beginning

**July 1, 2019**

*Christopher P. Morrill*

Executive Director

**FISCAL YEAR 2020-21**  
**BUDGET OVERVIEW**

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***(Insert FY 2020-21 Budget Adoption Resolution Here)***

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## **Fiscal Year 2020-21 Budget Preparation Timeline**

- April 01 Leadership Team Budget Kick-Off.
- April 07 Infrastructure Committee meeting to discuss the 1<sup>st</sup> draft of the FY 2021-25 CIP.
- April 10 All department budget initial requests are due to FM.
- April 14 FM submits budget development worksheet to the GM for first review.
- April 16 Leadership Team meeting to review the 1<sup>st</sup> draft of the budget development worksheet.
- April 21 Present to the Board the 3<sup>rd</sup> quarter financial report.
- April 22 GM to provide first round comments and revisions on budget development worksheet to FM.
- April 28 FM makes the required revisions and disperses the first draft of the budget development worksheet to the Finance Committee (Board).
- April 28 Infrastructure Committee meeting to go over 2<sup>nd</sup> draft of the CIP (if necessary).
- May 05 Finance Committee meeting to go over 1<sup>st</sup> draft of budget development worksheet.
- May 12 Issue the 1<sup>st</sup> draft of the actual budget document and 2<sup>nd</sup> draft of budget development worksheet to the Board for review.
- May 19 Present to the Board Y-T-D budget to actual data thru April 30<sup>th</sup>, review the 2<sup>nd</sup> draft budget development worksheet and discuss 1<sup>st</sup> draft of actual budget document.
- May 26 Finance Committee Meeting (if necessary).
- June 02 Issue revised budget to Finance Committee (if necessary).
- June 09 Finance Committee Meeting (if necessary).
- June 11 Final Budget and staff report due for Board Packet inclusion.
- June 16 Board considers all budgets for adoption.

**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

## SUMMARY OF REVENUES AND EXPENDITURES

**Elk Grove Water District  
Budgeted Revenues and Expenditures by Category  
For the Fiscal Year ending June 30, 2021**

Expenditure	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Projected	FY 2020-21 Budget	Change in Budget
Revenues	\$ 14,210,971	\$ 15,343,125	\$ 15,233,674	\$ 15,172,243	\$ 16,064,258	\$ 15,572,151	\$ 399,908
Salaries and Benefits	3,565,721	3,922,785	3,943,543	4,332,850	4,233,138	4,373,018	40,168
Seminars, Conventions and Travel	29,137	28,872	39,001	51,124	31,983	53,307	2,183
Office and Operational	969,217	984,814	974,026	1,208,164	1,034,999	1,338,578	130,415
Purchased Water	2,732,016	2,873,292	2,777,344	3,135,689	3,018,945	3,198,404	62,715
Outside Services	610,219	922,576	843,416	1,160,573	780,369	1,283,548	122,975
Equipment Rent, Taxes and Utilities	358,058	374,278	333,999	416,200	422,008	464,380	48,180
Subtotal Operational Expenditures	8,264,368	9,106,617	8,911,329	10,304,600	9,521,442	10,711,235	406,635
Less: Capitalized Labor	(528,352)	(279,633)	(279,633)	(424,667)	(217,193)	(376,961) *	47,706
Total Operational Expenses	7,736,016	8,826,984	8,631,696	9,879,933	9,304,249	10,334,275	454,342
Non-Operating Expenditures (Income)	3,346,863	3,851,156	3,442,349	3,726,739	3,503,352	4,005,469	278,730
Capital Equipment and Expenditures	1,700,000	1,756,000	1,756,000	1,838,000	1,838,000	1,430,000	(408,000)
Total Net Expenditures	12,782,879	14,434,140	13,830,045	15,444,672	14,645,601	15,769,743	325,072
Revenues In Excess of Expenditures, Principal Retirement and Capital Labor	\$ 1,428,092	\$ 908,985	\$ 1,403,629	\$ (272,428)	\$ 1,418,657	\$ (197,592)	\$ 74,836
Transfers (to)/from Reserves	-	-	-	272,428	-	197,592	(74,836)
Net Budget Excess/(Deficiency)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

\* This represents approximately 60% of Salaries and Benefits of the Utility Division which will be charged to the Capital Improvement Program

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

## SUMMARY OF NET POSITION ACTIVITY

**Elk Grove Water District**  
**Summary of Net Position Activity**  
**For the Fiscal Year Ending June 30, 2021**

	FY 19-20 Budget	FY 19-20 Projected	FY 2020-21 Budget
<b>Beginning Net Position</b>	\$ 39,303,071	\$ 39,303,071	\$ 40,721,728
<b>Estimated Revenues</b>	<u>15,172,243</u>	<u>16,064,258</u>	<u>15,572,151</u>
<b>Estimated Operational Expenditures</b>			
Salaries and Benefits	4,332,850	4,233,138	4,373,018
Seminars, Conventions and Travel	51,124	31,983	53,307
Office and Operational	1,208,164	1,034,999	1,338,578
Purchased Water	3,135,689	3,018,945	3,198,404
Outside Services	1,160,573	780,369	1,283,548
Equipment Rent, Taxes and Utilities	<u>416,200</u>	<u>422,008</u>	<u>464,380</u>
Total Operational Expenditures	<u>10,304,600</u>	<u>9,521,442</u>	<u>10,711,235</u>
<b>Estimated Nonoperational Expenditures</b>			
Capitalized Labor	(424,667)	(217,193)	(376,961)
Non-Operating Expenditures (Income)	3,726,739	3,503,352	4,005,469
Capital Equipment and Expenditures	<u>1,838,000</u>	<u>1,838,000</u>	<u>1,430,000</u>
Total Nonoperational Expenditures	<u>5,140,072</u>	<u>5,124,159</u>	<u>5,058,508</u>
<b>Revenues in Excess of Expenditures</b>	<u>(272,428)</u>	<u>1,418,657</u>	<u>(197,592)</u>
<b>Estimated Ending Net Position</b>	<u>\$ 39,030,643</u>	<u>\$ 40,721,728</u>	<u>\$ 40,524,136</u>



## BUDGET HIGHLIGHTS

### FISCAL YEAR 2020-21

The EGWD budget for FY 2020-21 projects total operating revenues of approximately \$15.572 million and total expenditures of approximately \$15.770 million including Capital Improvement and Capital Repair & Replacement Reserve contributions of approximately \$1.430 million. The projected expenditures in excess of revenues are approximately \$197,592 which will be funded from operating reserves carried over from prior years.

Despite many non-discretionary cost increases, staff undertook efforts to find cost reductions as well as minimize increases and these are reflected in the FY 2020-21 budget. The budget has an increase in total expenditures of \$325,072 (2.10%) from the adopted budget for FY 2019-20. The major highlights are listed below, and comparisons made are against the budgeted amounts for FY 2019-20:

- Revenues for FY 2020-21 is budgeted at \$15.572 million, an increase of \$399,908 (2.64%) from prior year's budget based on the following assumptions:
  - A 3.0% revenue rate adjustment effective January 1, 2021, as recommended by the 2018 Water Rate Study adopted by the Board on July 18, 2018.
  - No changes in consumption levels or new accounts from prior year.
  - A 10% conservation factor in residential revenues due to the unknown nature of the economic downturn.
  - A 5% conservation factor in non-residential revenues due to the unknown nature of the economic downturn.
- Total Salaries and Benefits budgeted is \$4.373 million, an increase of \$40,168 (0.93%) from prior year's budget mainly due to:
  - An increase in Executive, Exempt and Non-Exempt salaries of \$50,570 (2.22%) due to:
    - No anticipated vacancies in positions.
    - Merit increases for eligible employees.
    - Longevity pay increases for eligible employees.
    - A 0.97% cost of living adjustment (COLA) based on the April 2020 Consumers Price Index.
  - An increase in medical benefits of \$31,988 (4.18%) based on estimated medical premium increases provided by JPIA.
  - A decrease in Retirement Benefits of \$55,899 (13.40%) due to FY 2019-20 being the last year of amortization for certain plan performance losses in prior years.
  - An increase in Employee Training of \$24,000 (111.63%) due to anticipated safety training and Class A license training for field staff.

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

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- Seminars, Conventions and Travel budgeted is \$53,307, an increase of \$2,183 (4.27%) from prior year's budget due mainly to anticipated seminars and conferences for Operations and Tech Services staff.
- Total Office and Operational Costs budgeted is \$1.338 million, an increase of \$130,415 (10.79%) from prior year's budget mainly due to:
  - An increase in Association Dues of \$32,593 (26.71%) due to increased SCGA dues.
  - An increase in Insurance of \$14,430 (16.31%) based on estimated insurance premium increases as provided by JPIA.
  - A decrease in Materials of \$28,000 (22.40%) based on the average spending in prior years.
  - An increase in Meters of \$65,500 (101.55%) due to the decision to replace all meters going forward as opposed to repairing just the registers.
  - An increase in Software Program & Updates of \$39,224 (22.88%) due to new board packet software and document management software.
  - An increase in Water Conservation Material of \$13,000 (260.00%) due to the need for more program materials.
- Purchased Water budgeted is \$3.198 million, an increase of \$62,715 (2.00%) from prior year's budget due mainly to:
  - An estimated 2% rate increase in the wholesale water rate as provided the SCWA.
  - An estimated 3% consumption increase based on prior year trends.
  - A 10% conservation factor due to the unknown nature of the economic downturn.
- Total Outside Services budgeted is \$1.284 million, an increase of \$122,975 (10.60%) from prior year's budget due mainly to:
  - An increase in Contracted Services of \$104,375 (25.05%) due to required support for annual reporting, social media consulting and utility billing consulting service.
  - A decrease in Engineering Services of \$69,000 (37.50%) due to the completion of the Uni-Directional Flushing program.
  - An increase in Special Projects of \$100,000 (100.00%) due to the cost associated with Well 3 destruction.
  - A decrease in Community Relations of \$12,000 (56.60%) based on the average spending in prior years.
- Total Equipment Rent, Taxes and Utility budgeted is \$464,380, an increase of \$48,180 (11.58%) from prior year's budget due mainly to:

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

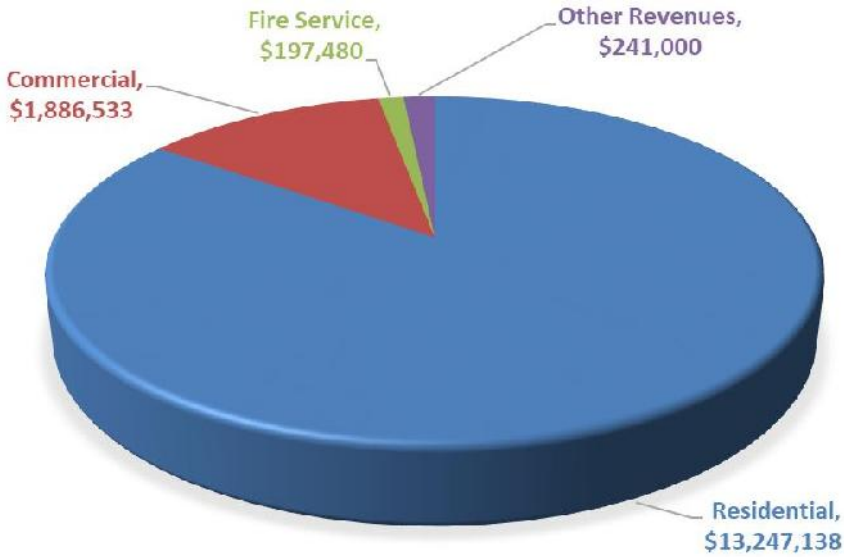
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- An increase in Equipment Rental of \$10,000 (56.18%) due to anticipated increase in the need to rent equipment for CIP projects.
- An increase of \$35,000 (9.67%) in Electricity based on anticipated electricity rate increases through SMUD.
- Capital Improvement Funding includes contributions to the Repair & Replacement Reserve, as well as the Capital Improvement Reserve for a total of \$1.430 million. This represents a decrease of \$408,000 from prior year's budget and is based on actual funding needs from the FY 2021-25 CIP Program.
- Bond interest expenses will decrease by \$106,270 (6.40%) while bond principal retirements will increase by \$135,000 (6.24%).
- Elections Costs budgeted is \$250,000, based on estimated costs of elections to be held in FY 2021.
- This budget anticipates capitalizing \$376,961 of Salaries and Benefits for capital improvements constructed by the Distribution and Utility Divisions, which are funded in the Five-Year Capital Improvement Program. Capitalized labor is estimated at 60% of the total salaries and benefits of the Utility Division.
- The budget, as recommended, will meet bond covenant requirements as follows:
  - Covenant – 1.36 (1.15 required)
- The Board adopted a Five-Year Capital Improvement Program (CIP) which only appropriated funding for the CIP projects scheduled in FY 2021.
- Staff has determined that Grants or Special Funding are not currently available for the EGWD. Therefore, no revenues from these income sources are included in this budget document.

**REVENUE SECTION**

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## BUDGETED REVENUES BY CATEGORY



Other Revenues include:

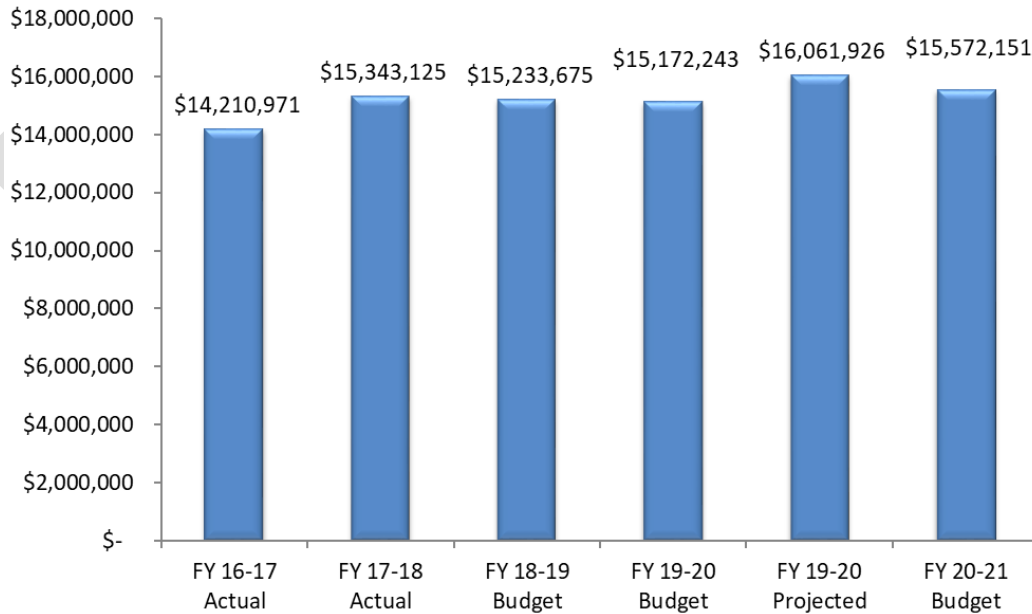
- Meter/Plan Check/Water Capacity Fees
- Door Hanger Fees
- New Account Fees
- NSF Fees
- Credit Card Fees
- Backflow Prevention Installations

Commercial Revenues Include:

- Non-Residential Revenue
- Irrigation Revenue

Note: Residential Revenue in this chart is net of customer refunds.

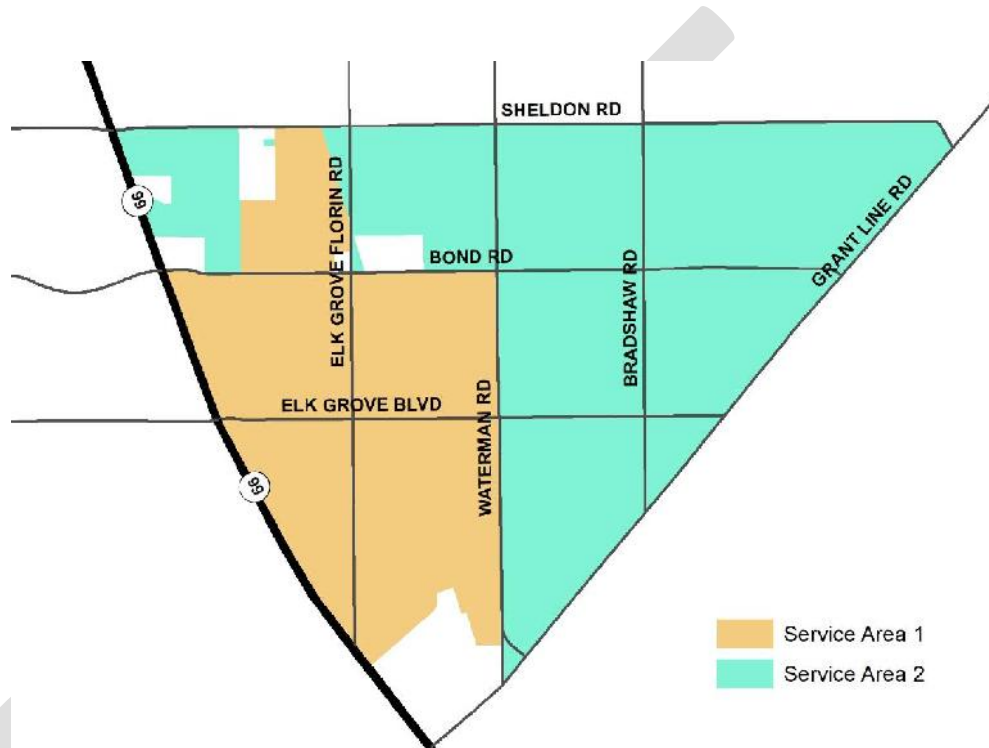
## TOTAL REVENUES FISCAL YEARS 2016-17 THROUGH 2020-21



The FY 2020-21 Budget reflects a 3.0% revenue rate adjustment, as recommended in the 2018 Water Rate Study, adopted by the Board of Directors on July 18<sup>th</sup>, 2018 and no anticipated increase in water consumption.

## MAJOR REVENUE SOURCES

Approximately 98% of the EGWD's revenues are derived from recurring water revenues related to water consumption and availability charges. These rates are expected to increase by 3.0% in FY 2021. In addition, the EGWD derives revenues from new connection fees for development within Service Area 1 of its two service areas. Connection fees for development within Service Area 2 of the EGWD's service area are paid to the SCWA.



Revenue projections are developed using a fee/rate-based projection, taking account and consumption information for the most recent twelve-month period and applying it against the current and proposed fee/rates. Depending on drought conditions, revenue projections are adjusted by what the EGWD deems to be an appropriate conservation factor and anticipated increase in water consumption as a result of the lifted drought restrictions.

### Revenue Rate Increase Projections

Utility rate setting is subject to the provisions of Proposition 218 wherein customers are provided information on proposed rate changes and are invited to attend a public hearing on the proposed changes. Proposed rate changes can be denied if a majority of ratepayers submit written protests opposing them. If a majority of ratepayers do not protest, the Board of Directors vote on the proposed rate changes and set the effective date for any proposed

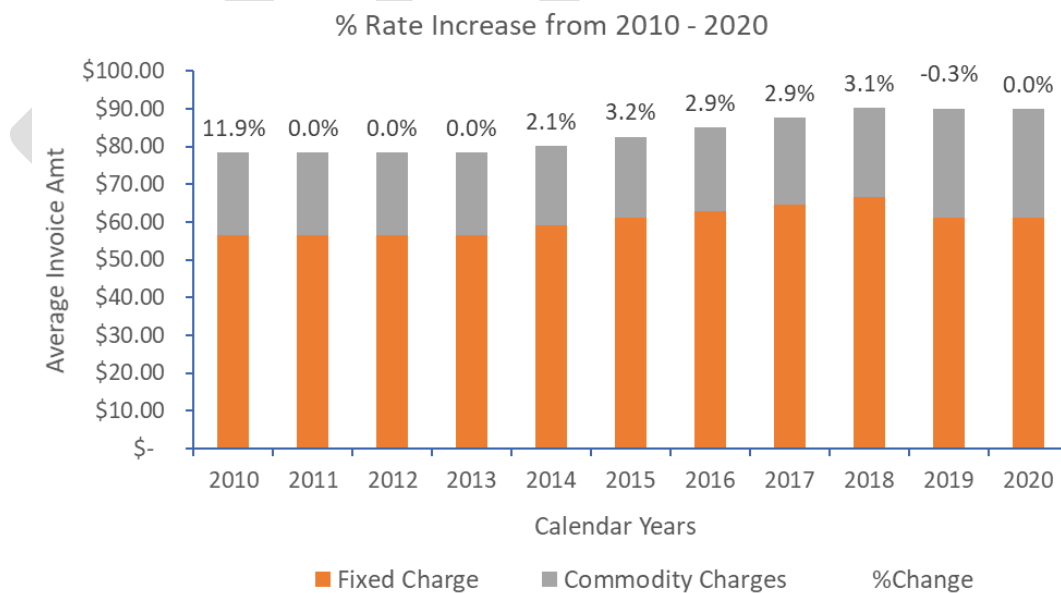
**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

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and approved changes. On July 18<sup>th</sup>, 2018, the 2018 Water Rate Study was adopted by the Board with recommended revenue adjustments over the next five years beginning on January 1, 2019, as follows:

- January 1, 2019 – 0%
- January 1, 2020 – 0%
- January 1, 2021 – 3%
- January 1, 2022 – 3%
- January 1, 2023 – 3%

The table below shows the average revenue rate adjustment each calendar year since 2010 in relation to an average bill, assuming the customer is a single-family residential service customer with a 1" meter consuming 15 CCF's of water. As can be seen, the increases in rates have been very consistent and relatively minimal. For the years with a rate increase, the increase is approximately equal to the average inflation rate. This is all made possible through prudent financial management and budgeting; however, future revenue adjustments will be necessary to fund various capital projects and to pay for increased operating cost, primarily due to inflation.



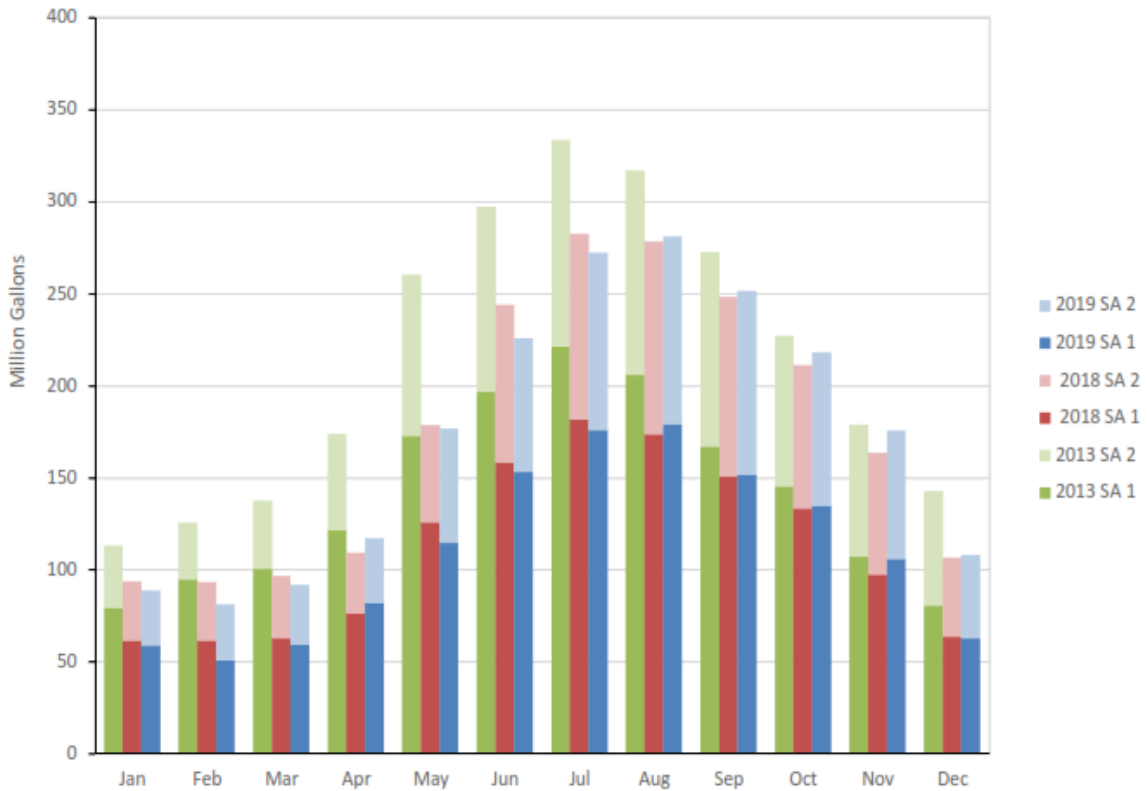
**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

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**WATER CONSUMPTION TREND**

Water revenues are driven by two primary factors, the amount of water sold and the rate per unit, with increases in water consumption generating more revenues to offset the increased costs of operations. The graph below shows the consumption trends for the prior two calendar years as compared to the pre-drought calendar year of 2013. The graph also shows the correlation between the annual seasonal change and overall water consumption, with the highest level of consumption occurring during the summer months.

As can be seen in the graph below, the EGWD has experienced gradual increases in water consumption in 2018 and 2019, however, the total level of water consumption still has not reach the pre-drought levels of 2013. Attributable to the overall decrease in water consumption for the most recent two calendar years, as compare to the pre-drought levels of 2013, is the implementation of certain water conservation efforts, such as installing water efficient appliances and landscaping, which result in long-term water use reductions.





**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

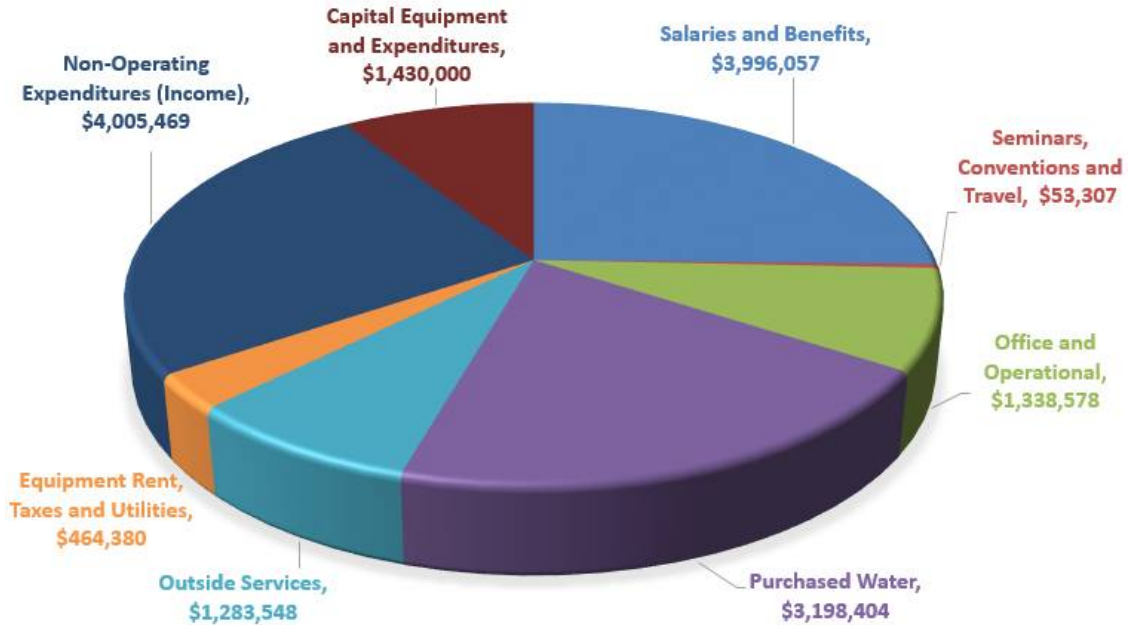
**Elk Grove Water District**  
**Budgeted Revenue Accounts Detail**  
**For the Fiscal Year ending June 30, 2021**

Account#	Description	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Projected	FY 2020-21 Requested Budget
4100	Water Payment Revenues - Residential	\$12,220,127	\$12,848,104	\$12,818,495	\$12,816,040	\$13,245,994	\$ 13,248,138
4110	Water Payment Revenues - Commercial	1,525,449	1,831,522	1,926,887	1,914,362	1,873,918	1,886,533
4120	Water Payment Revenues - Fire Service	188,543	188,957	177,326	186,842	200,265	197,480
4200	Meter Fees/Plan Check/Water Capacity	72,188	240,190	56,944	30,000	490,266	30,000
4300	Backflow Install EGWD	23,948	15,116	8,555	25,000	6,501	10,000
4520	Door Hanger Fees	121,850	149,725	144,700	115,000	144,570	115,000
4540	New Account Fees	26,640	22,791	24,000	25,000	35,015	25,000
4550	NSF Fees	3,430	3,640	2,660	3,000	2,901	3,000
4570	Shut-off Fees	51,425	63,166	63,750	50,000	54,278	50,000
4580	Credit Card Fees	8,480	10,000	10,725	8,000	8,220	8,000
4900	Customer Refunds	(31,109)	(30,086)	(368)	(1,000)	-	(1,000)
	<b>Total Revenues</b>	<b>\$14,210,971</b>	<b>\$15,343,125</b>	<b>\$15,233,675</b>	<b>\$15,172,243</b>	<b>\$16,061,926</b>	<b>\$ 15,572,151</b>

**EXPENDITURE SECTION**

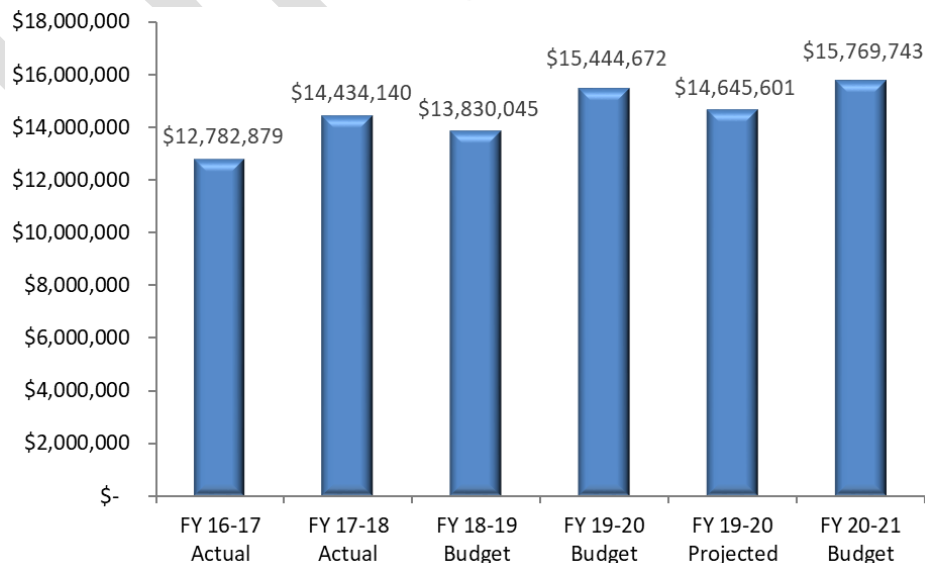
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## BUDGETED EXPENDITURES BY CATEGORY



Note: Total Salaries and Benefits Expenditures are net of capitalized labor costs of \$376,961, which is included in total Capital Equipment and Expenditures.

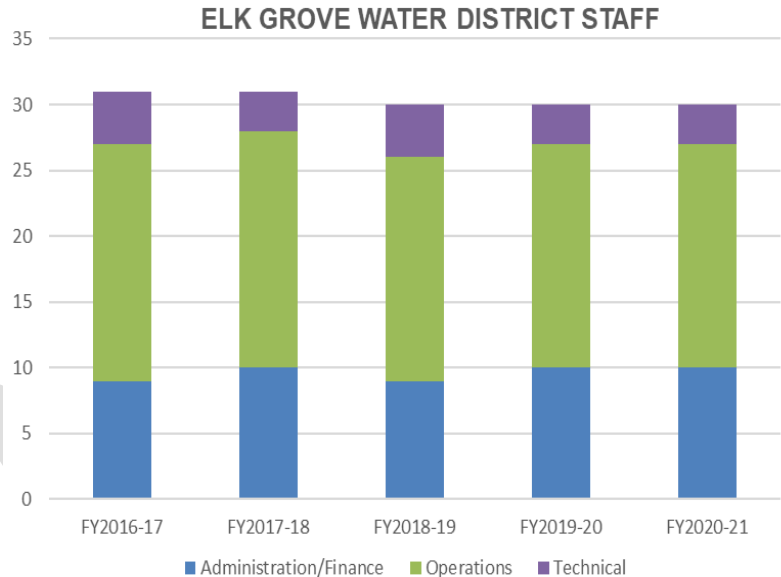
## TOTAL NET EXPENDITURES FISCAL YEARS 2016-17 THROUGH 2020-21



## SALARIES AND BENEFITS FISCAL YEARS 2016-17 THROUGH 2020-21

Aside from the cost of water purchased from the SCWA for the EGWD’s Service Area 2 and debt service payments, Salaries and Benefits represent the largest expense of the EGWD.

Staffing levels at the EGWD has remained relatively unchanged. In FY 2019-20, the EGWD added a provision to the Employee Policy Manual for Class A Differential pay of \$1.50. The Class A Differential was applicable to all field operators who possess a Class A License. The EGWD also provides COLAs annually based on the average of the U.S. City Average, West Urban Size B/C and San Francisco-Oakland-San Jose, CA indices. The COLA for FY 2020-21 is 0.97%.



### Employee Cost Control Program

During FY 2012, EGWD staff developed an Employee Cost Control Program (ECCP) that helped reduce and control employee costs by obtaining savings through selected employee concessions, including, freezing certain full-time equivalent (FTE) positions, a phase in reduction of the employer portion of employee retirement contributions and placing a cap on the amount of employer paid health premiums. To offset these concessions, the EGWD created an alternative 9/80 work schedule and established a permanent disability retirement benefit program. The ECCP has resulted in a compounding cumulative cost savings of approximately \$2.5 million since its implementation.

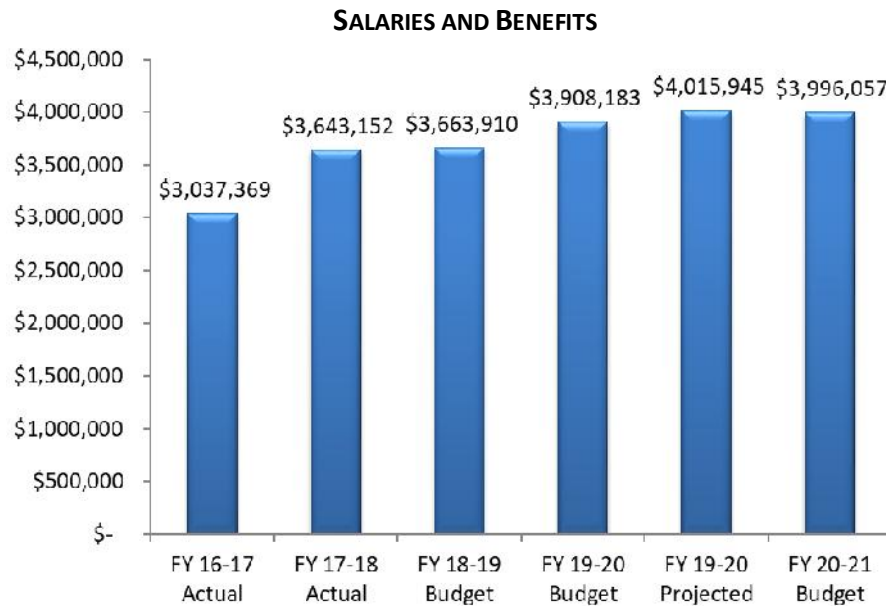
### Pension and other Post-Employment benefits

The EGWD’s retirement program remains with the CalPERS. The EGWD currently pays the employer costs and a portion (one percent) of the employees’ tax-deferred member contributions to the system monthly. The EGWD provides post-employment healthcare benefits to retirees and their dependents. Five retired employees receive these benefits, which are financed on a pay-as-go basis. The EGWD pays the medical, dental, and vision insurance premiums for eligible retired employees (and qualified spouse) that are enrolled in

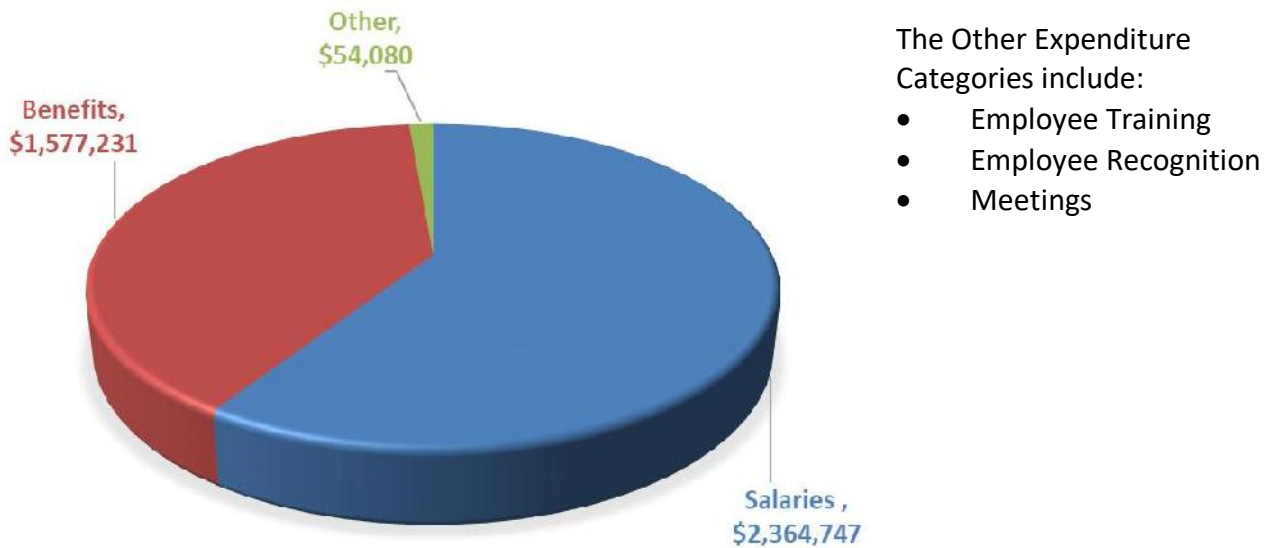
**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

the health insurance plan. The current requirements for eligibility are: attaining age 55, having at least fifteen years of continuous service, and retiring from the EGWD.

The following tables show the trend in salaries and benefits in comparison to prior years, as well as the breakout of the current proposed budgeted salaries and related components.



**NET SALARIES AND BENEFITS \$3,996,057\***



\*The total Salaries and Benefits are net of capitalized labor costs of \$376,961 for capital improvements constructed by the Distribution and Utility Departments.

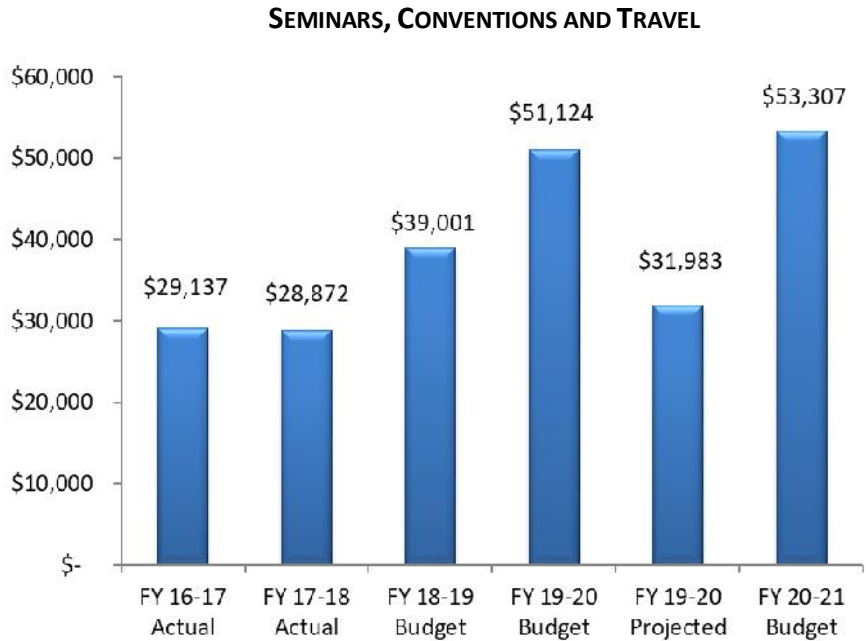
**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

**Elk Grove Water District  
Budgeted Salaries and Benefits Accounts Detail  
For the Fiscal Year ending June 30, 2021**

Account#	Description	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Projected	FY 2020-21 Requested Budget
5100	Executive Salary	\$ 163,831	\$ 151,934	\$ 171,220	\$ 208,444	\$ 185,747	\$ 211,486
5110	Exempt Salaries	511,040	525,448	581,962	568,146	587,679	576,491
5120	Non-Exempt Salaries	1,200,261	1,295,333	1,193,993	1,499,539	1,517,513	1,538,721
5130	Overtime Compensation	39,278	60,799	43,164	55,000	35,745	48,500
5140	On Call Pay	18,199	18,200	17,650	18,250	18,200	18,250
5150	Holiday Pay	104,736	109,632	111,283	122,535	122,272	124,981
5160	Vacation Pay	129,244	159,232	161,000	121,994	118,756	123,294
5170	Personal Time Pay	110,052	105,387	106,307	98,028	104,653	99,985
5180	Internship Program	-	-	-	-	-	-
5200	Medical Benefits	568,711	593,653	588,241	764,556	708,632	796,543
5195	EAP	825	825	813	863	929	944
5201	EGWD Contribution H.S.A	13,149	13,352	13,251	20,000	21,092	23,500
5210	Dental/Vision/Life Insurance	50,227	52,337	55,117	65,946	61,745	63,562
5220	Retirement Benefits	247,260	524,139	460,006	417,176	408,224	361,277
5225	Retirement Benefits - Post Employment	243,577	131,063	278,088	167,670	167,670	165,316
5230	Medical Tax, Social Security and SUI	45,154	46,990	47,036	62,791	58,656	63,503
5240	Worker's Compensation Insurance	94,085	114,479	91,338	114,712	94,316	102,585
5250	Education Assistance	17,062	2,566	-	2,500	-	2,500
5260	Employee Training	7,286	13,697	18,378	21,500	17,331	45,500
5270	Employee Recognition	1,577	3,530	4,634	2,100	3,171	2,880
5280	Meetings	167	189	62	1,100	807	3,200
	Less Capitalized Labor	(528,352)	(279,633)	(279,633)	(424,667)	(217,193)	(376,961)
		<u>\$3,037,369</u>	<u>\$3,643,152</u>	<u>\$3,663,910</u>	<u>\$3,908,183</u>	<u>\$4,015,945</u>	<u>\$ 3,996,057</u>

## SEMINARS, CONVENTIONS AND TRAVEL FISCAL YEARS 2016-17 THROUGH 2020-21

Seminars, Conventions and Travel expenditures are budgeted based on the anticipated travel to and from various conferences and seminars. It is in the best interest of the EGWD to invest in the employees to allow them to stay current and educated about activities, developments, and professional trends affecting their ability to provide high-quality job performance, which includes external and internal customer service. As such, travel to attend hearings, meetings, conferences, or other gatherings is of value to the EGWD. The two major conferences that EGWD staff attend are the semi-annual Association of California Water Associations (ACWA) conferences and the annual California Society of Municipal Finance Officers (CSMFO) conference.



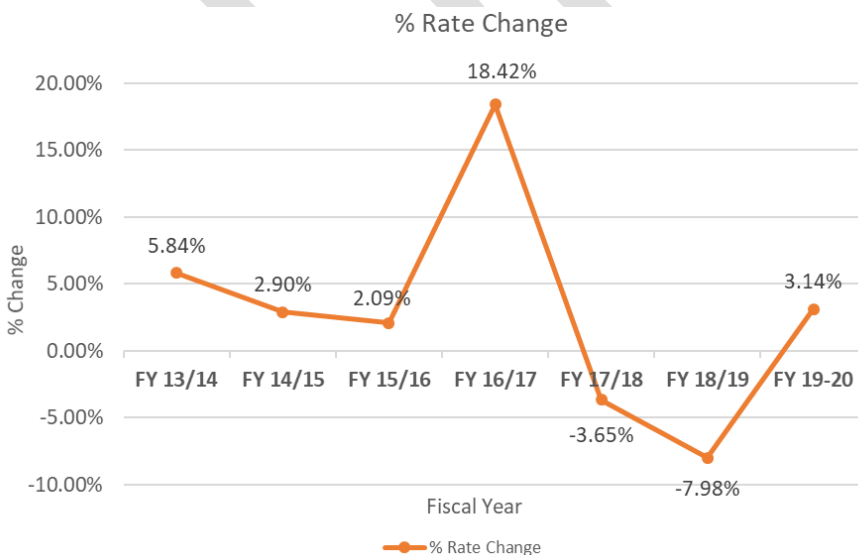
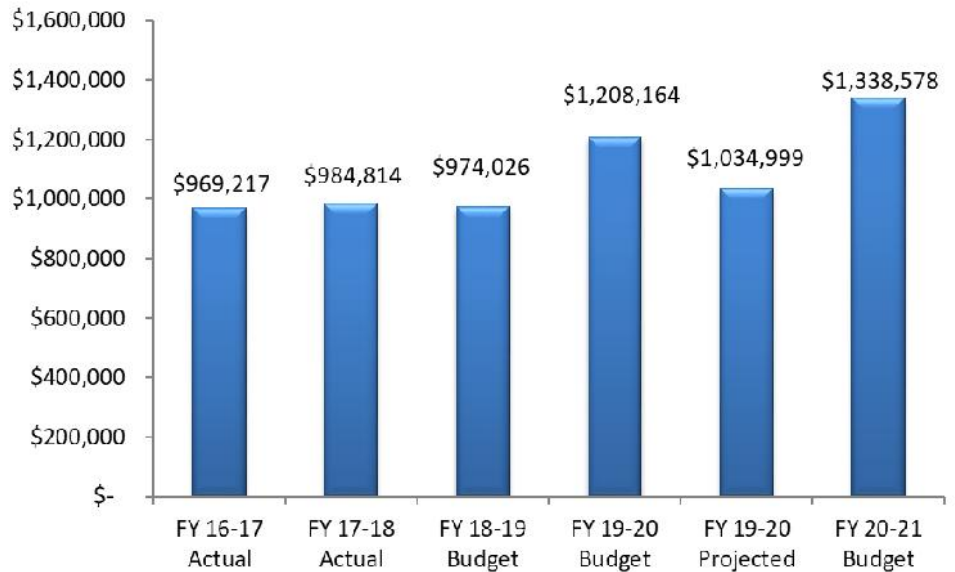
**Elk Grove Water District  
Budgeted Seminars, Conventions and Travel Accounts Detail  
For the Fiscal Year ending June 30, 2021**

Account#	Description	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 19-20	FY 2020-21
		Actual	Actual	Actual	Budget	Projected	Requested Budget
5300	Airfare	\$ 2,100	\$ 1,685	\$ 2,536	\$ 6,100	\$ 2,928	\$ 5,600
5310	Hotels	7,431	5,022	11,024	14,902	7,949	17,441
5320	Meals	3,315	3,282	4,585	6,052	3,487	7,246
5330	Auto Rental	10	-	373	1,900	63	2,200
5340	Seminars & Conferences	7,184	9,109	12,588	14,290	10,256	12,900
5345	Seminars & Conferences - Board	1,807	2,197	725	-	-	-
5350	Mileage Reimbursement, Parking, Tolls	1,290	1,577	1,170	1,880	1,300	1,920
5375	Auto Allowance	6,000	6,000	6,000	6,000	6,000	6,000
		<u>\$ 29,137</u>	<u>\$ 28,872</u>	<u>\$ 39,001</u>	<u>\$ 51,124</u>	<u>\$ 31,983</u>	<u>\$ 53,307</u>

## OFFICE AND OPERATIONAL AND PURCHASED WATER FISCAL YEARS 2016-17 THROUGH 2020-21

Office and Operational expenditures are budgeted to cover administrative costs such as repairs and maintenance of equipment, buildings and computers, purchases of chemicals for water treatment, postage, printing and association dues. These costs allow the EGWD to continue to operate and maintain the water system and to continue to provide water services to its ratepayers. As can be seen by the table above, office and operational expenditures have remained relatively consistent from year to year and only expected to increase by approximately \$130,000 in FY 2020-21 as compared to the FY 2019-20 budgeted amount.

**OFFICE AND OPERATIONAL**



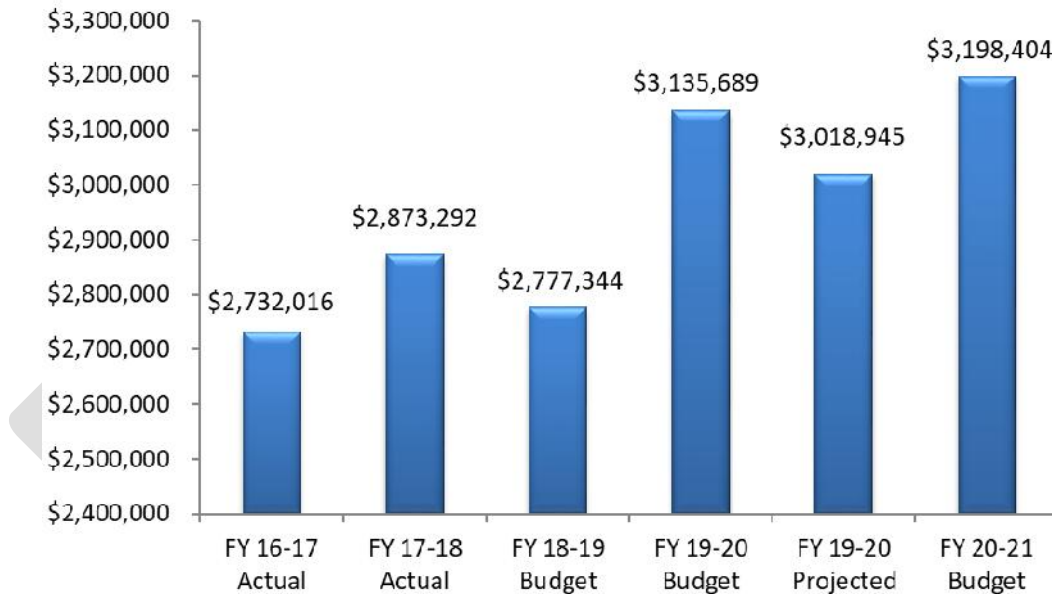
Through the First Amended and Restated Master Water Agreement between Sacramento County Water Agency and Florin Resource Conservation District/Elk Grove Water District, entered into on June 28<sup>th</sup>, 2002, the EGWD has agreed to purchase, on a wholesale basis, potable water supply from the SCWA. The purchased water from the SCWA is used to supply the EGWD Service Area 2



**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

ratepayers with their water source. Under the general terms of the agreement, the cost of the wholesale purchased water supply is based on a rate as determined by the actual cost of procurement, extraction, diversion, treatment and conveyance of potable water actually delivered to the EGWD. The table on the previous page shows the trend in the wholesale purchase water rate since FY 13-14. The percentage change in the wholesale purchase water rate is a direct correlation to the conservation efforts during the drought in FY 2014. As drought restrictions from FY 2014 to 2016 resulted in less water delivered to the EGWD and operational and maintenance costs remained stable, there was an overall increase to the wholesale purchase water rate. When drought restrictions were lifted in FY 2017, the gradual increase in water consumption resulted in an increase of purchased water delivered to the EGWD. This resulted in a decrease to the wholesale purchased water rate in FY 2018. As consumption trends start to normalize and operating costs continue to increase, the EGWD expects the wholesale purchased water rate to gradually increase as well without the major swings experienced during the drought.

**PURCHASED WATER COST**



The table above shows the total annual purchased water costs since FY 2016-17. Purchased water cost has continued to increase slightly from year to year as drought restrictions have been lifted. For FY 2020-21, the EGWD expects to see water consumption and delivery continue to increase slightly due to the continued residential development in the EGWD's Service Area 2.

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

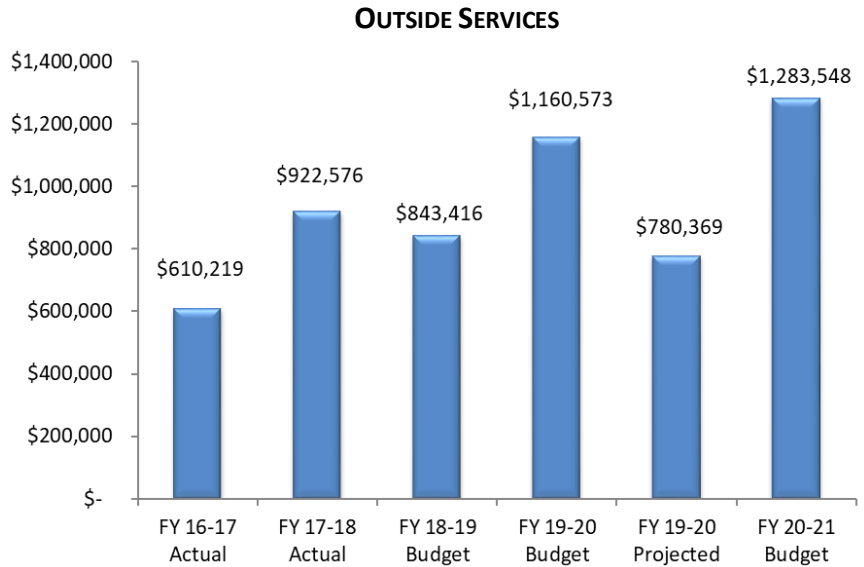
**Elk Grove Water District**  
**Budgeted Office and Operational Accounts Detail**  
**For the Fiscal Year ending June 30, 2021**

Account#	Description	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Projected	FY 2020-21 Requested Budget
5410	Advertising	\$ 6,420	\$ 10,615	\$ 5,033	\$ 3,500	\$ 5,279	\$ 6,000
5415	Association Dues	77,585	79,874	133,306	122,013	120,258	154,606
5420	Insurance	125,199	86,006	54,500	88,450	86,750	102,880
5425	Licenses, Certifications, Fees	3,147	2,154	2,969	6,140	5,665	6,445
5430	Repairs & Maintenance - Automotive	48,093	38,236	34,719	46,500	37,823	42,000
5432	Repairs & Maintenance - Building	25,902	29,902	28,691	53,900	49,389	63,500
5434	Repairs & Maintenance - Computers	33,518	21,208	35,060	22,630	18,301	19,375
5435	Repairs & Maintenance - Equipment	51,231	97,388	99,860	119,500	127,401	102,000
5438	Fuel	34,033	40,128	38,956	51,000	36,541	41,720
5440	Materials	157,244	122,500	64,740	125,000	80,139	97,000
5445	Chemicals	19,507	42,494	39,418	52,000	36,261	45,000
5450	Meter Repairs	6,563	27,055	64,073	64,500	146,378	130,000
5453	Permits	93,895	83,498	47,486	55,050	56,416	65,050
5455	Postage	65,102	76,355	55,593	70,200	51,763	84,950
5460	Printing	6,686	10,514	13,067	24,600	5,561	30,350
5465	Safety Equipment	13,164	7,633	5,381	27,200	23,172	15,500
5470	Software Programs & Updates	103,776	105,785	156,644	171,469	73,268	210,693
5475	Supplies	22,191	32,351	24,674	31,000	25,265	30,720
5480	Telephone	36,395	39,030	32,310	37,704	25,935	39,589
5485	Tools	22,877	5,370	17,059	10,000	10,043	12,500
5490	Clothing Allowance	9,691	8,206	8,576	7,700	2,371	7,700
5491	EGWD - Other Clothing	6,998	6,223	5,687	13,108	11,020	13,000
5493	Water Conservation Materials	-	12,289	6,224	5,000	-	18,000
		969,217	984,814	974,026	1,208,164	1,034,999	1,338,578
5495	Purchased Water	\$2,732,016	\$2,873,292	\$2,777,344	\$3,135,689	\$3,018,945	\$ 3,198,404

**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

## OUTSIDE SERVICES FISCAL YEARS 2016-17 THROUGH 2020-21

Outside Services expenditures consist mostly of outside professional services, such as banking services, engineering services, contracted services, pre-employment medical services and legal services. EGWD utilizes specialized outside service firms and professionals to assist in the development of various technical studies and projects. An example of such a technical study would be the use of a professional consulting firm in FY 2018 to complete the 5-year water rate study that was adopted by the Board on July 18, 2018, setting forth the planned revenue rate increases for the next 5 years. The EGWD expects outside services to remain relatively stable and consistent with prior year.

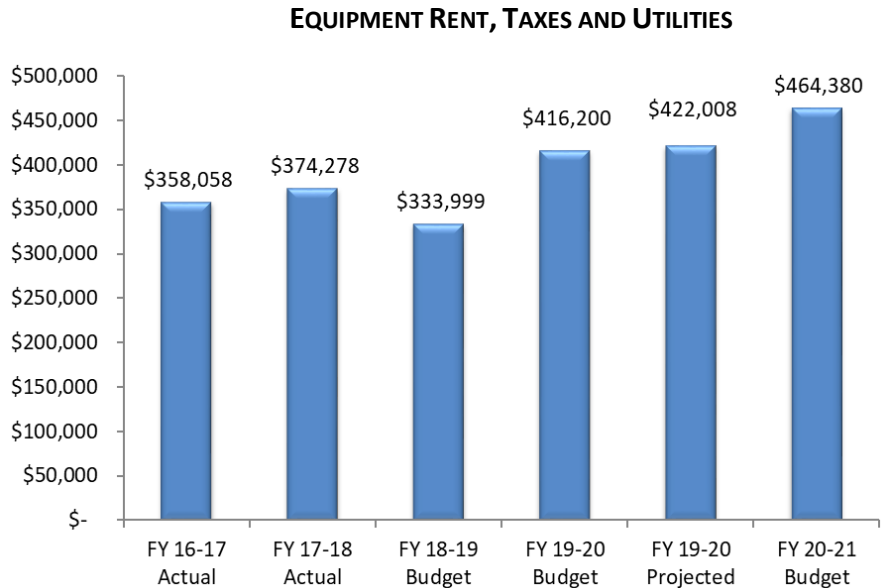


**Elk Grove Water District  
Budgeted Outside Services Accounts Detail  
For the Fiscal Year ending June 30, 2021**

Account#	Description	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Projected	FY 2020-21 Requested Budget
5505	Administration Services	\$ 1,480	\$ 3,200	\$ 3,820	\$ 3,590	\$ 6,561	\$ 3,590
5510	Bank Charges	106,873	132,426	159,130	178,808	170,964	184,308
5515	Billing Services	24,694	23,597	19,228	31,800	21,251	28,800
5520	Contracted Services	266,148	297,891	345,052	416,625	294,281	521,000
5525	Accounting Services	24,553	25,536	34,860	35,000	17,100	35,000
5530	Engineering	10,188	21,858	68,671	184,000	111,757	115,000
5532	Special Projects	-	-	-	-	-	100,000
5535	Legal Services	76,958	192,023	118,159	175,000	71,648	175,000
5540	Financial Consultants	13,427	112,879	10,421	10,000	1,750	10,000
5545	Community Relations	15,894	8,679	16,958	21,200	9,373	9,200
5552	Misc. Medical	475	2,548	2,648	2,500	1,188	2,500
5550	Pre-employment	343	425	46	1,000	1,185	1,000
5555	Janitorial	6,685	7,015	7,655	16,000	10,785	22,000
5560	Bond Administration	6,782	4,220	3,800	7,050	5,770	7,050
5570	Security	12,444	51,049	20,874	28,500	24,791	29,100
5575	Sampling	43,275	39,230	32,094	49,500	31,964	40,000
		<b>\$ 610,219</b>	<b>\$ 922,576</b>	<b>\$ 843,416</b>	<b>\$1,160,573</b>	<b>\$ 780,369</b>	<b>\$ 1,283,548</b>

## EQUIPMENT RENT, TAXES AND UTILITIES FISCAL YEARS 2016-17 THROUGH 2020-21

Equipment Rent, Taxes and Utilities are budgeted to cover the cost of utilities to extract, treat and pump the water supply to ratepayers. With the rising cost for most utilities and the expected gradual increase in water consumption, the EGWD is expecting to see an increase in this expenditure category. However, to assist in improving or maintaining operational efficiencies and keep operating costs low, the EGWD has installed a series of variable frequency drives (VFD) on the booster pumps that deliver treated drinking water to our customers. The VFD provides energy savings by matching pump motor load to the work needed for water delivery instead of always running the pump at peak load. The EGWD also has an ongoing well rehabilitation program where it monitors the efficiencies of each water well. Over time, well screens plug up, making well pumping operations inefficient. EGWD rehabilitates its water wells when certain inefficient thresholds are reached, thereby returning the wells to efficient operations.

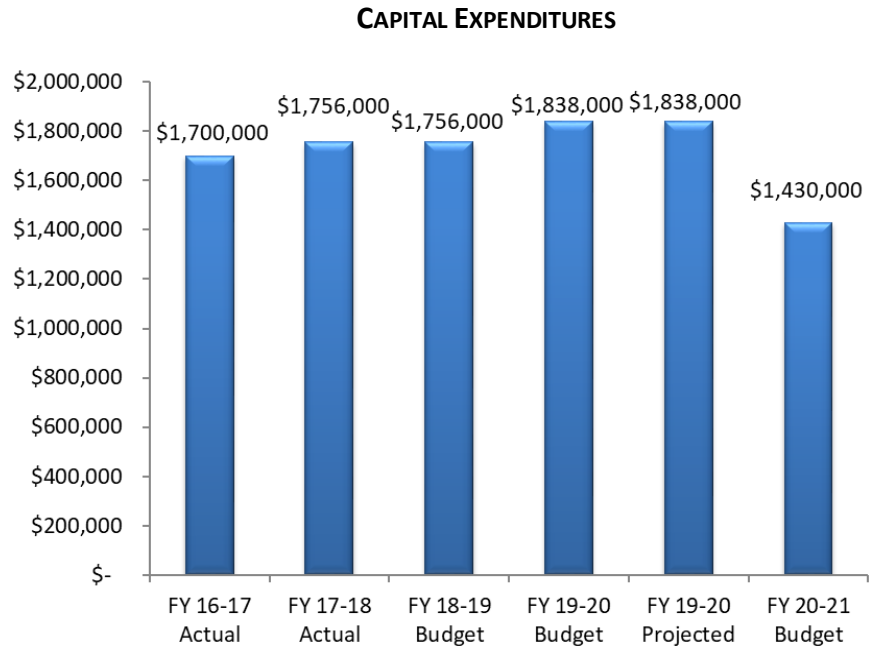


**Elk Grove Water District  
Budgeted Rents, Taxes and Utilities Accounts Detail  
For the Fiscal Year ending June 30, 2021**

Account#	Description	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Projected	FY 2020-21 Requested Budget
5620	Equipment Rental	\$ 20,771	\$ 23,266	\$ 16,075	\$ 17,800	\$ 20,919	\$ 27,800
5710	Property Taxes	1,299	959	1,116	1,500	995	1,500
5740	Electricity	314,161	320,004	292,047	362,000	365,462	397,000
5750	Natural Gas	601	517	779	900	753	900
5760	Sewer & Garbage	21,226	29,532	23,982	34,000	33,879	37,180
		<u>\$ 358,058</u>	<u>\$ 374,278</u>	<u>\$ 333,999</u>	<u>\$ 416,200</u>	<u>\$ 422,008</u>	<u>\$ 464,380</u>

## CAPITAL EXPENDITURES FISCAL YEARS 2016-17 THROUGH 2020-21

Fiscal year 2020-21 Capital Expenditures consist of funding for Repair & Replacement and Long-term Capital Improvement based on the FY 2021-25 CIP. The CIP is developed by staff in parallel to the budget and is a key component of the EGWD's Strategic Plan. Annually, Staff will identify projects to be included in the CIP. Each project is defined in the CIP and summarized by a brief description and justification. Each project is detailed by location, timing, expenditure schedule, funding source, useful life and impact on operating costs. Before the CIP is completed, it is reviewed to ensure the financial elements are consistent with the EGWD's financial policies. The EGWD's current approach to capital funding is pay as you go. The expenditures for the capital projects, identified by staff to be included in the CIP, are included in the budget. The table on the next page lists the capital projects included in the FY 2021-25 CIP and budgeted for in the current year proposed budget.



**Elk Grove Water District  
Budgeted Capital Expenses Detail  
For the Fiscal Year ending June 30, 2021**

Account#	Description	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Projected	FY 2020-21 Requested Budget
3560	Repair & Replacement Reserve	\$ 700,000	\$ 626,000	\$ 626,000	\$ 1,513,000	\$ 1,513,000	\$ 905,000
3565	L-T Capital Improvement Reserve	1,000,000	1,130,000	1,130,000	325,000	325,000	525,000
		<u>\$ 1,700,000</u>	<u>\$ 1,756,000</u>	<u>\$ 1,756,000</u>	<u>\$ 1,838,000</u>	<u>\$ 1,838,000</u>	<u>\$ 1,430,000</u>

## FY 2020-21 CAPITAL PROJECTS LISTING

AMOUNT IN 000's

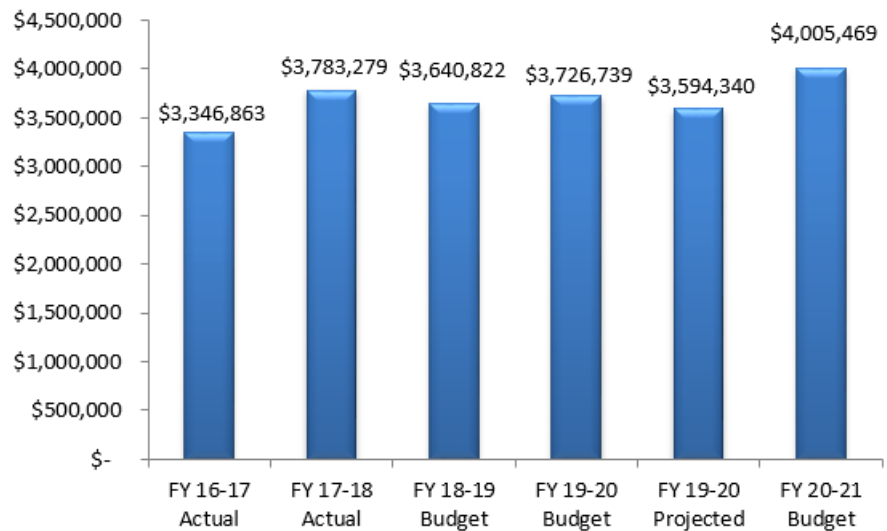
PROJECT NAME	FY20/21
<b>SUPPLY / DISTRIBUTION IMPROVEMENTS</b>	
Well Rehabilitation Program	\$ 120
Backyard Water Mains/Services Replacement	675
Service Line Replacements	140
<b>TREATMENT IMPROVEMENTS</b>	
Chlorine Analyzers Shallow Wells	75
PLC/MCC Bucket Replacement (Wells 4D & 11D)	50
Security Cameras	25
<b>BUILDING &amp; SITE IMPROVEMENTS / VEHICLES</b>	
Truck Replacements	135
Pavement Repair & Seal Coat - HVWTP	10
Vacuum Excavator	100
<b>UNFORESEEN CAPITAL PROJECTS</b>	
Unforeseen Capital Projects	100
<b>SUBTOTAL</b>	<b>\$ 1,430</b>



## NON-OPERATING EXPENDITURES (REVENUES) FISCAL YEARS 2016-17 THROUGH 2020-21

Non-Operating Expenditures/ (Revenues) account for debt service interest and principal payments, elections costs and any interest earned on investments. The major increase in budgeted non-operating expenditures/ (revenues) for FY 2020-21 is due to an increase in elections costs.

**NON-OPERATING EXPENDITURES/(INCOME)**



**Elk Grove Water District  
Budgeted Non Operating Activity Detail  
For the Fiscal Year ending June 30, 2021**

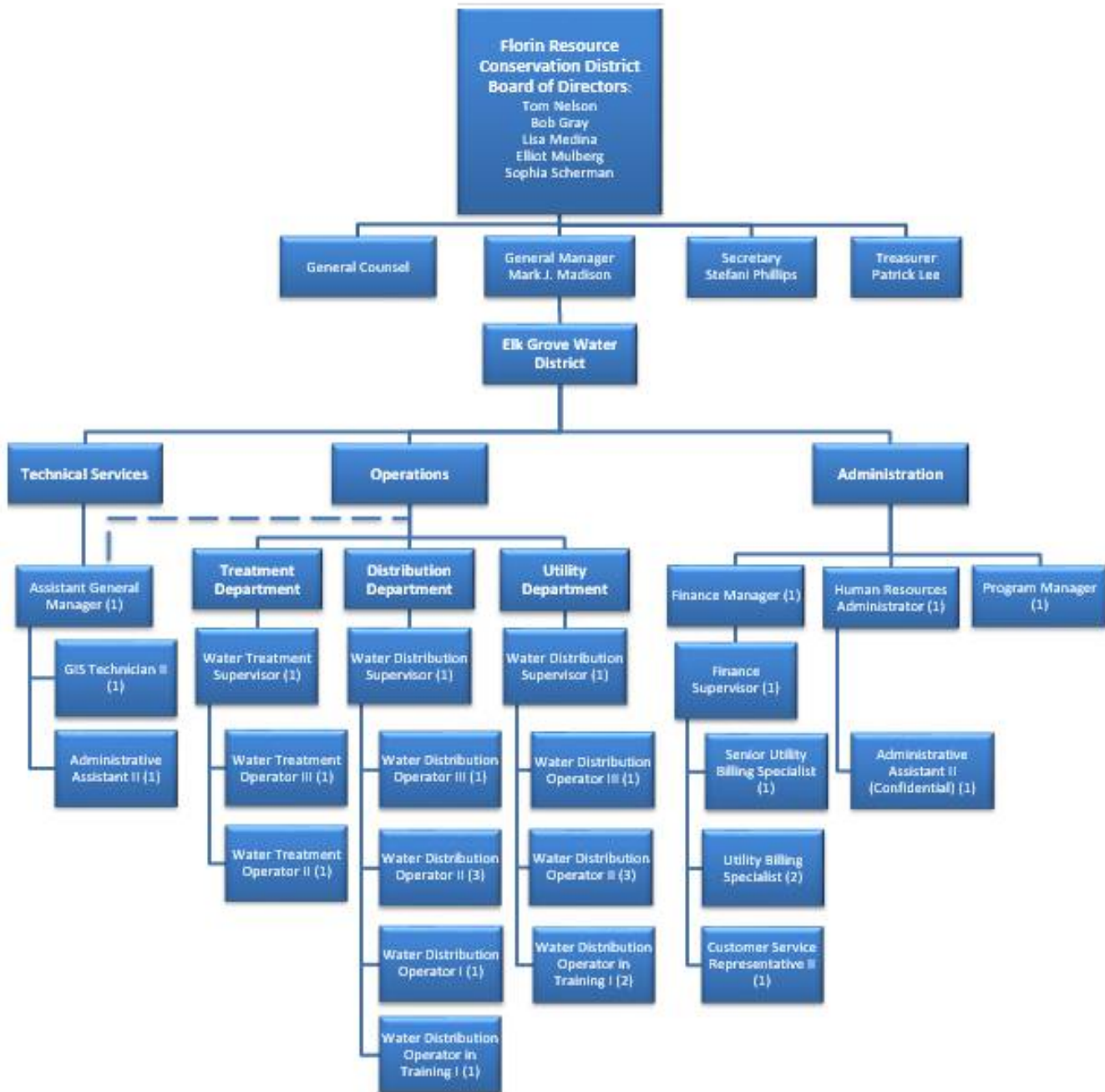
Account#	Description	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Projected	FY 2020-21 Requested Budget
7300	Debt Service (Bond Interest Expense)	\$ 1,868,979	\$ 1,807,502	\$ 1,726,795	\$ 1,661,739	\$ 1,661,739	\$ 1,555,469
9920	Other Expenses (Income)	(42,415)	91,661	(39,929)	-	(27,175)	-
2500	Bond Retirement	1,440,000	1,990,000	2,165,000	2,165,000	2,165,000	2,300,000
9910	Interest Earned	(46,228)	(105,884)	(213,052)	(100,000)	(205,224)	(100,000)
9950	Election Costs	126,527	-	2,008	-	-	250,000
		<u>\$ 3,346,863</u>	<u>\$ 3,783,279</u>	<u>\$ 3,640,822</u>	<u>\$ 3,726,739</u>	<u>\$ 3,594,340</u>	<u>\$ 4,005,469</u>

**ORGANIZATIONAL AND BUDGET  
SUMMARIES BY DEPARTMENT**

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## ELK GROVE WATER DISTRICT ORGANIZATION CHART



**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

## ELK GROVE WATER DISTRICT STAFF FTE

	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
<b>Administration &amp; Finance</b>					
General Manager	1.00	1.00	1.00	1.00	1.00
Finance Manager	1.00	1.00	1.00	1.00	1.00
Management Analyst	-	-	-	-	-
Program Manager	1.00	1.00	1.00	1.00	1.00
Human Resources Specialist	-	-	-	-	-
Human Resources Administrator	1.00	1.00	1.00	1.00	1.00
Administrative Assistant II	1.00	1.00	1.00	1.00	1.00
Finance Supervisor	1.00	1.00	1.00	1.00	1.00
Senior Utility Billing Specialist	1.00	1.00	1.00	1.00	1.00
Utility Billing Specialist	1.00	1.00	2.00	2.00	2.00
Customer Service Representative I	-	1.00	-	-	-
Customer Service Representative II	1.00	1.00	-	1.00	1.00
<b>Department Total</b>	<b>9.00</b>	<b>10.00</b>	<b>9.00</b>	<b>10.00</b>	<b>10.00</b>
<b>Technical Services</b>					
Assistant General Manager	1.00	1.00	1.00	1.00	1.00
Associate Civil Engineer (Frozen)	1.00	-	-	-	-
Administrative Assistant II	1.00	1.00	1.00	1.00	1.00
GIS Technician I	-	-	-	-	-
GIS Technician II	1.00	1.00	1.00	1.00	1.00
<b>Department Total</b>	<b>4.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>
<b>Operations</b>					
Foremen	-	-	-	-	-
Supervisors	3.00	3.00	3.00	3.00	3.00
Water Distribution Operator in Training	1.00	-	-	1.00	3.00
Water Distribution Operator I	5.00	6.00	6.00	4.00	1.00
Water Distribution Operator II	4.00	4.00	3.00	6.00	6.00
Water Distribution Operator III	3.00	3.00	3.00	1.00	2.00
Water Treatment Operator II	1.00	1.00	1.00	1.00	1.00
Water Treatment Operator III	1.00	1.00	1.00	1.00	1.00
<b>Departmental Total</b>	<b>18.00</b>	<b>18.00</b>	<b>17.00</b>	<b>17.00</b>	<b>17.00</b>
<b>Organizational Total</b>	<b>31.00</b>	<b>31.00</b>	<b>29.00</b>	<b>30.00</b>	<b>30.00</b>

**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

## JURISDICTIONAL COMPARISON

District	Elk Grove Water District (EGWD)	Carmichael Water District	San Juan Water District
<b>Year Established</b>	1953	1916	1854
<b>Governed By</b>	Board of Directors	Board of Directors	Board of Directors
<b>Size</b>	13 sq miles	8 sq miles	17 sq miles
<b>Number of Connections</b>	12,600	11,693	10,700
<b>Number of Customers</b>	46,000	37,897	29,830
<b>Budget Comparison - Fiscal Year Basis</b>	July-June	July-June	July-June
Revenues - FY 2019-20 Budget			
Retail Water Sales	\$ 14,917,244	\$ 12,117,735	\$ 12,399,400
Other Revenues	254,999	130,154	517,600
<b>TOTAL REVENUE BUDGET</b>	<b>\$ 15,172,243</b>	<b>\$ 12,247,889</b>	<b>\$ 12,917,000</b>
Expenditures - FY 2019-20 Budget			
Personnel Costs	\$ 3,908,183	\$ 3,716,756	\$ 5,040,100
Operating Costs	5,971,750	5,377,333	3,075,500
Non-Operating Costs	3,726,739	2,850,250	3,677,800
<b>EXPENDITURE BUDGET</b>	<b>\$ 13,606,672</b>	<b>\$ 11,944,339</b>	<b>\$ 11,793,400</b>
<b>CAPITAL BUDGET</b>	<b>\$ 1,838,000</b>	<b>\$ 4,942,816</b>	<b>\$ 3,994,300</b>
<b>TOTAL EXPENDITURE BUDGET</b>	<b>\$ 15,444,672</b>	<b>\$ 16,887,155</b>	<b>\$ 15,787,700</b>
<b>REVENUES IN EXCESS OF EXPENDITURES</b>	<b>\$ (272,429)</b>	<b>\$ (4,639,266)</b>	<b>\$ (2,870,700)</b>
<b>OUTSTANDING DEBT</b>	<b>\$ 42,075,000</b>	<b>\$ 19,571,557</b>	<b>\$ 37,062,806</b>
<b>FTE</b>	<b>30</b>	<b>29</b>	<b>48</b>

Note: The information above is based on FY 2019-20 approved budgets for each District. Both the Carmichael and San Juan Water Districts generate revenue from sources other than retail water sales. For comparison purposes, revenues reflected above include only the portion applicable to retail water sales and expenditures reflect total expenditure for all operations, not just retail water sales.

**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

## EXPENDITURES BY DEPARTMENTS

For the Fiscal Year ending June 30, 2021

Expenditure	Operations	Technical Services	General Manager	Human Resources	Program Manager	Finance	Admin	Total Budget
Revenues								\$15,572,151
Salaries and Benefits	\$2,101,904	\$425,806	\$268,625	\$284,220	\$158,647	\$ 968,500	\$ 165,316	\$ 4,373,018
Seminars, Conventions and Travel	7,680	7,291	21,300	4,900	2,915	9,221	-	53,307
Office and Operational	734,617	55,720	550	48,200	73,870	87,955	337,666	1,338,578
Purchased Water	3,198,404	-	-	-	-	-	-	3,198,404
Outside Services	97,000	265,000	181,200	37,090	39,500	258,108	405,650	1,283,548
Equipment Rent, Taxes and Utilities	430,000	-	-	-	-	-	34,380	464,380
Subtotal Operational Expenditures	6,569,605	753,817	471,675	374,410	274,932	1,323,784	943,012	10,711,235
Less: Capitalized Labor	(376,961) *	-	-	-	-	-	-	(376,961)
Total Operational Expenses	6,192,645	753,817	471,675	374,410	274,932	1,323,784	943,012	10,334,275
Non-Operating Expenditures (Income)	-	-	-	-	-	-	4,005,469	4,005,469
Capital Equipment and Expenditures	-	-	-	-	-	-	1,430,000	1,430,000
Total Net Expenditures	\$6,192,645	\$753,817	\$471,675	\$374,410	\$274,932	\$1,323,784	\$6,378,481	\$15,769,743
Transfers (to)/from reserves								197,592
Revenues In Excess of Expenditures, Principal Retirement and Capital Expenditures								\$ -

\* This represents approximately 60% of salaries and benefits of the Utility Division which will be charged to Capital Projects.

## SUMMARY BY DEPARTMENTS

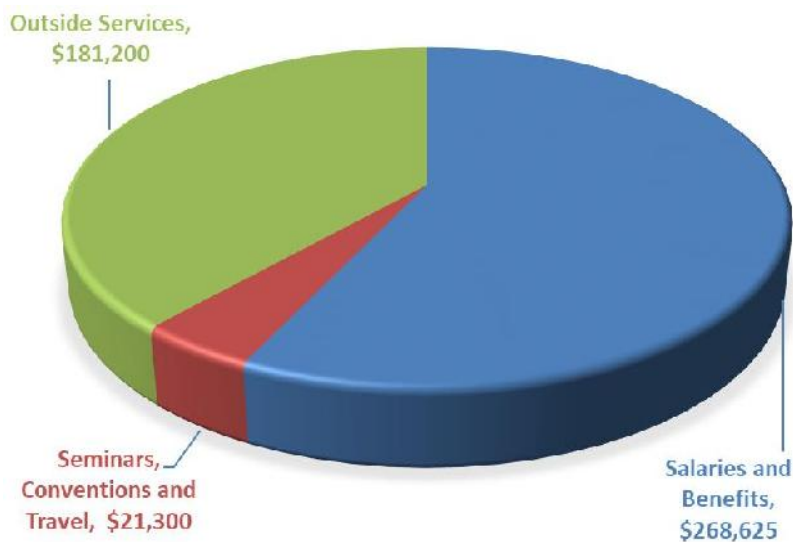


## OFFICE OF THE GENERAL MANAGER

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



### FY 2020-21 GENERAL MANAGER EXPENDITURES



### FY 2020-21 GOALS AND OBJECTIVES GENERAL OBJECTIVES

- Provide leadership to ensure that EGWD's overall mission and values are accomplished.
- Provide the Board of Directors timely support and information.
- Ensure that all water facilities and programs are operated in compliance with all applicable standards.
- Promote continued innovation and creativity in providing services in a more effective and cost-efficient manner.
- Maintain effective long-term financial and operational plans.
- Implement sound fiscal policies, budgets, and controls.
- Maintain effective coordination, cooperation, and communication with local governments, State and Federal agencies and continue involvement in civic, professional and community affairs.
- Motivate employees and encourage teamwork throughout the organization.
- Complete all approved CIP projects identified in the EGWD FY 2020-21 CIP.

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

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**Specific Key Objectives**

- Complete the update of the EGWD's Urban Water Management Plan.
- Develop a new Urban Water Shortage Contingency Plan for the EGWD.
- Conduct a new Water System Risk and Resiliency Assessment for the EGWD.
- Review and update the EGWD's Emergency Response Plan.
- Develop and implement a new Records Management and Document Storage System for the EGWD.
- Acquire a new Administration Building and complete the remodel design.
- Complete the disposition of all surplus remnant properties owned by the EGWD.
- Complete a Groundwater Recharge Feasibility Study.
- Design, develop and implement a Public Outreach Plan for the EGWD that incorporates electronic communications and social media.

**FY 2019-20 ACCOMPLISHMENTS**

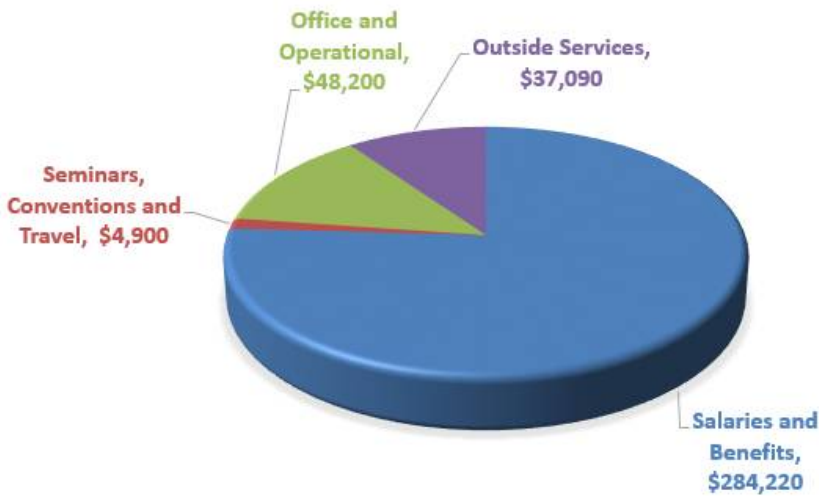
- Reviewed, updated and adopted new Bylaws for the Florin Resource Conservation District.
- Developed and adopted the 2020-2025 Strategic Plan for the FRCD/EGWD.
- Completed the major overhaul of the Board Policies.
- Completed an update to the EGWD's Employee Manual.
- Completed the acquisition of a new admin building
- Initiated an investigation into the potential for a groundwater recharge project that benefits the EGWD ratepayers.
- Responded to and/or complied with all recommendations and findings contained in the 2019 Grand Jury Report.
- Adopted new ordinances for water theft, claims and lawsuits, and provisions of water service.

## HUMAN RESOURCES DEPARTMENT

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



### FY 2020-21 HUMAN RESOURCE EXPENDITURES



### FY 2020-21 GOALS AND OBJECTIVES

- Complete the review and update of all EGWD job descriptions.
- Develop standard operating procedures (SOP) for Board Secretary and Human Resources duties.
- Complete the review of staffing requirements and implement the recruitment of qualified candidates for vacant positions.
- Develop a comprehensive Wellness Program utilizing results of the pilot program.
- Maintain and commit to a comprehensive wellness program by obtaining grant funding.
- Implement electronic filing and storage solution for key EGWD documents.
- Review and potentially implement Board Meeting and Agenda Software.

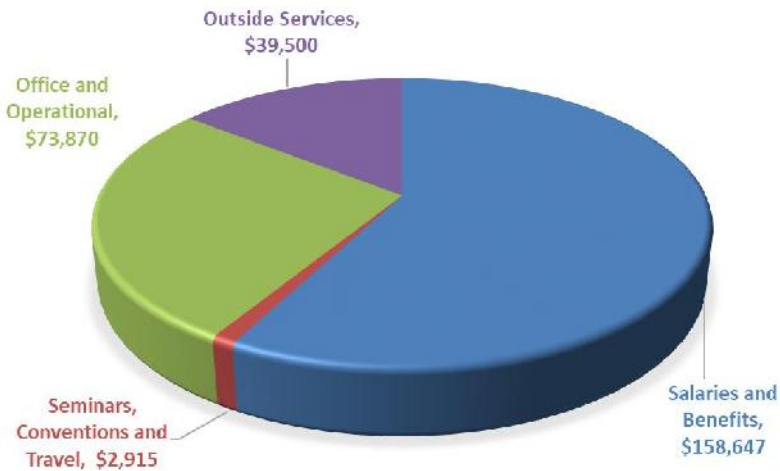
### FY 2019-20 ACCOMPLISHMENTS

- Completed the review and update of all EGWD Board related policies.
- Updated various provisions within the EGWD Employee Policy Manual.
- Completed the review of staffing requirements and implemented the recruitment of qualified candidates for vacant positions.
- Obtained Grant Funding for comprehensive wellness program
- Implemented Zoom to hold virtual Board meetings, Leadership meetings, and staff meetings during the COVID -19 pandemic.

## PROGRAM MANAGER DEPARTMENT

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

### FY 2020-21 PROGRAM MANAGER EXPENDITURES



### FY 2020-21 GOALS AND OBJECTIVES

- Work with legislative representative to advance the EGWD’s proposed water theft legislation, as well as legislation to allow Conservation Districts to compensate board members.
- Track and monitor legislation that may impact EGWD operations in coordination with CSDA, RWA and ACWA.
- Work with the Regional Water Efficiency Program Advisory Committee to develop and implement water efficiency programs that will benefit the EGWD.
- Obtain Cal OSHA 30 Certification.

### FY 2019-20 ACCOMPLISHMENTS

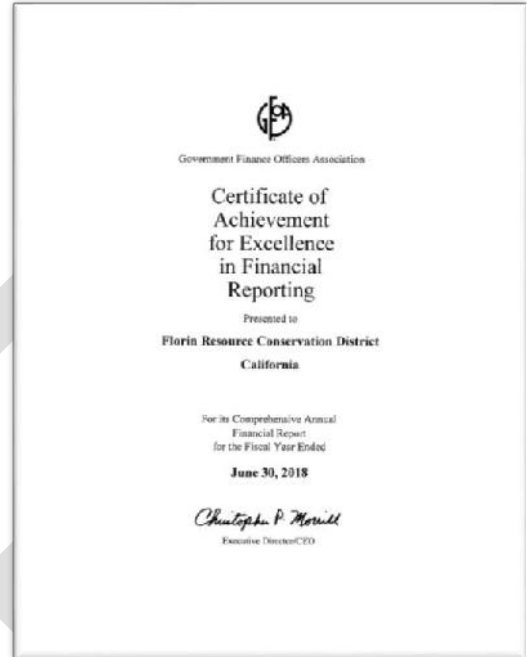
- Completed the 2020-2025 FRCD/EGWD Strategic Plan.
- Worked with legislative representative to draft and introduced Assembly Bill 2095 “Cooper” Water Theft Legislation to broaden the authority of Water Districts to impose fines and penalties for water theft.
- Successfully applied for and was awarded the ACWA/JPIA Risk Control Grant to retrofit utility fleet vehicles with video and back-up alarm systems.



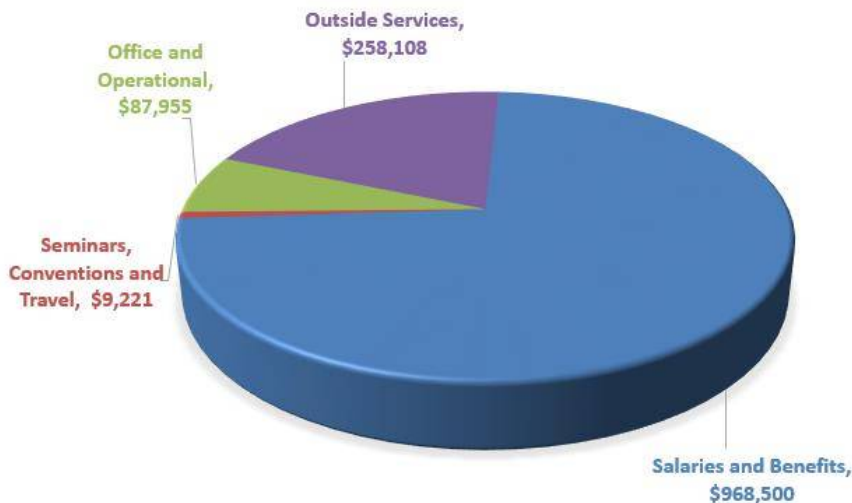


## FINANCE AND ADMINISTRATIVE DEPARTMENTS

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



**FY 2020-21 FINANCE EXPENDITURES**



**FY 2020-21 GOALS AND OBJECTIVES**

- Develop a funding plan to increase the funded ratio of the EGWD’s retirement plan and other post-employment benefit plan.
- Develop a policy to address unclaimed property in the EGWD’s possession.
- Update the EGWD’s Reserve Policy to increase the Operating reserve and establish a new debt service reserve.
- Implement electronic check signatures for accounts payable vendor checks and payroll checks and update internal controls accordingly.
- Implement electronic payroll timesheets that integrate with payroll system.
- Establish a program to encourage and increase the number of ratepayers subscribed for paperless billing.
- Develop and implement a system of paperless forms to increase customer service efficiency and reduce carbon footprint.

**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

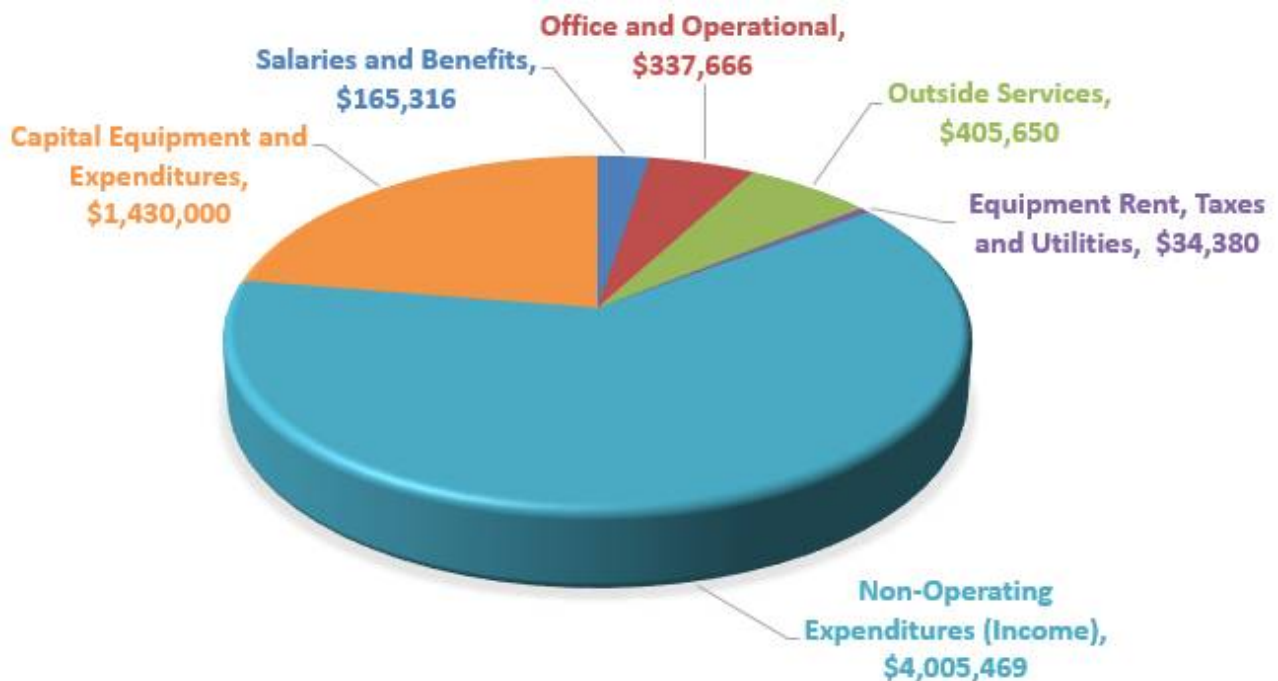
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- Increase security over Customer Information by developing and implementing a process to validate customer authenticity during voice calls.

**FY 2019-20 ACCOMPLISHMENTS**

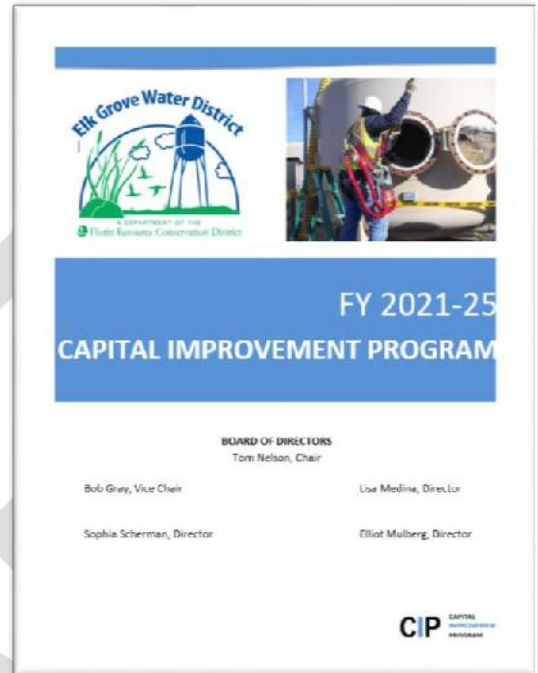
- Developed a budget consistent with the guidelines of the GFOA Distinguished Budget Presentation Award Program and Received the GFOA Distinguished Budget Presentation Award.
- Achieved the District Transparency Certificate of Excellence award from the Special District Leadership Foundation.
- Facilitated and completed the dissolution of the Florin Resource Conservation District Economic Development Corporation.
- Completed the implementation of the requirements of Senate Bill 998 – Discontinuation of Residential Water Service.
- Established online bill payment consolidation services to increase the number of payments received by automated clearing house (ACH).
- Continued to manage the EGWD’s debt service, maintaining strict compliance with bond covenants.
- Achieved the GFOA Certificate of Excellence in Financial Reporting for the 11<sup>th</sup> consecutive year.

**FY 2020-21 ADMINISTRATIVE EXPENDITURES**

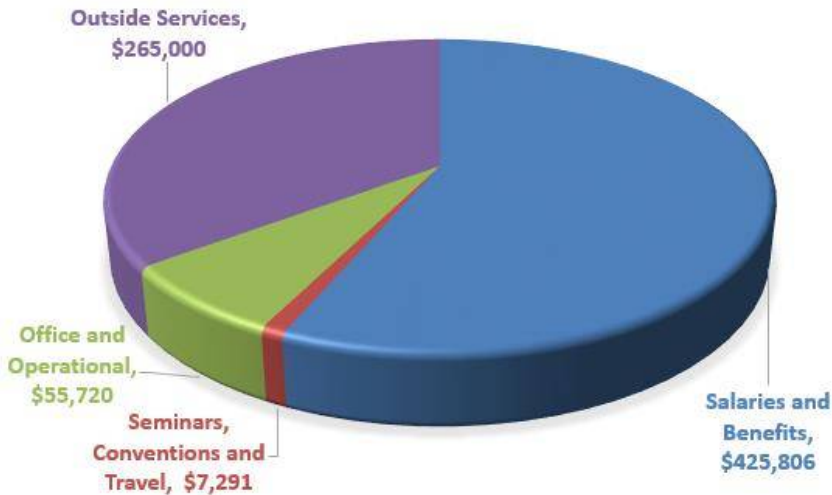


## ASSISTANT GENERAL MANAGER/TECHNICAL SERVICES DEPARTMENT

The Assistant General Manager is responsible for assisting the General Manager, as directed, with all aspects of the EGWD's policies, procedures, programs and operations; and assumes the duties and responsibilities of the General Manager in his/her absence. In addition, the Assistant General Manager oversees the Technical Services Department and CIP and is responsible for planning, engineering, construction management and technical support for EGWD operations.



### FY 2020-21 TECHNICAL SERVICES EXPENDITURES



### FY 2020-21 GOALS AND OBJECTIVES

- Coordinate and complete all required CIP projects identified in the FY 2020-21 CIP budget.
- Complete the unidirectional flushing of the Service Area 1 water distribution system.
- Complete the 2020 Urban Water Management Plan, including the development of a new Water Shortage Contingency Plan.
- Review and update the EGWD Standard Construction Specifications and Detail Drawings.
- Review and update the EGWD Asset Management Plan.
- Provide management as required related to a new administrative facility.
- Provide guidance and stakeholder representation with respect to the Regional Water Authority's (RWA) development of the Sacramento Regional Water Bank.

**FY 2019-20 ACCOMPLISHMENTS**

- Completed 6 of the 8 CIP projects identified in the FY 2019-20 CIP budget.
- Developed the FY 2021-2025 CIP for the next fiscal year.
- Completed the development of the Uni-Directional Flushing Program and began unidirectional flushing of the Service Area 1 water distribution system.
- Provided technical support as needed to the Treatment and Distribution Divisions.
- Participated as an alternate board member on the SCGA.
- Provided guidance and stakeholder representation with respect to SCGA's management of the South American groundwater sub-basin.
- Reviewed and updated the EGWD Asset Management Program.

## **INFORMATION TECHNOLOGY**

The EGWD contracts its Information Technology (IT) services to an IT Professional that reports to the General Manager, who is responsible for information services, including development and support of computers and software, information network, program development, office telecommunications, office security, and office systems. All hardware and software IT costs are budgeted for and directly charged to each department based on actual costs for equipment and software. Contract costs are budgeted for and paid out of the Administrative Budget, as such, there are no expenditures to report for Information Technology.

**FY 2020-21 GOALS AND OBJECTIVES**

- Refresh the network documentation – get the network fully documented – including all systems and how to set each one up in case of a disaster.
- Continue to improve the EGWD's cyber-security posture by doing monthly vulnerability scanning and handling all vulnerabilities found.
- Review and revise the Disaster Recovery Plan in-light of the Covid-19 Pandemic.
- Rework the offsite disaster recovery assets to bring these in line with the infrastructure changes done.
- Set up automated disaster recovery response and test response systems to test the effectiveness of the server and system backups.
- Upgrade all server systems to newest version.
- Get all servers and services fully integrated into the monitoring solution.
- Successfully passing the annual Payment Card Industry (PCI) audit.

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

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- Complete all users on a new cyber security awareness training program and reduce the click rate to below 2%.
- Migrate Backflow Tester software and Portal into Truepoint.
- Migrate our “O” and “Z” drives to SharePoint online for improved disaster recovery and security for the EGWD.
- Get Data Retention reworked in line with the new policies.

**FY 2019-20 ACCOMPLISHMENTS**

- Installed 10,068 security patches to servers and systems.
- Completed and closed out 6,615 help desk tickets - an increase of 147%.
- Completed the Self-Assessment Questionnaire demonstrating compliance with the PCI and earning the seal of validation of PCI compliance.
- Deployed three new Virtual Server Hosts and completed the migration of servers for the Railroad Operations systems to new physical servers and operating systems.
- Migrated the EGWD’s email to Office 365 which improved filtering and security for EGWD Users.
- Completed a security scan of all the EGWD’s network assets for twelve consecutive months and fixed any major flaws found.
- Implemented a “Phishing Alert” system and increased user reported phishing scams by 137X
- Reduced the EGWD’s phish-proneness to 0.0% compared to the same Industry value (Energy & Utilities less than 250 staff) of 12.5%



## OPERATIONS DEPARTMENT

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

### TREATMENT DIVISION

The Treatment Division oversees the operation and maintenance of EGWD's water supply and treatment facilities to ensure safe and reliable water supplies to ratepayers. Responsibilities of the Treatment Division include: maintaining strict compliance with all State and Federal regulatory agencies with the intent of safeguarding public health and the environment; maintenance and management of all water quality sampling and reporting to Local, State and Federal agencies; maintaining water production and equipment maintenance records and reports; and management of the Backflow/Cross-Connection Control Program.



### DISTRIBUTION DIVISION

The Distribution Division oversees the operation and maintenance of the EGWD's water distribution facilities to ensure the reliable and safe distribution of water to ratepayers. Responsibilities of the Distribution Division include: maintenance of 1,610 fire hydrants to ensure reliable fire flows during emergencies and maintenance and exercise of 1,843 valves to ensure that every valve is checked and exercised every three years. The Distribution Division also conducts the necessary monthly meter readings



**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

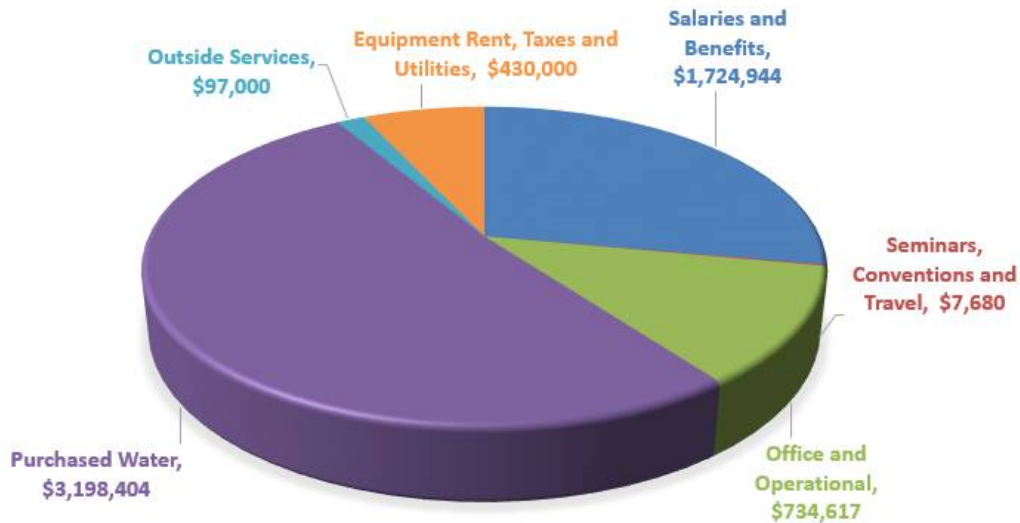
and responds to and handles all customer service requests and corrective maintenance in accordance with State and Federal regulations regarding repairs that impact potable water.

**UTILITY DIVISION**

The Utility Division oversees the operation and maintenance of capital improvement projects for the EGWD’s water system. Responsibilities of the Utility Division include: the necessary repairs and upgrades to the water systems aging infrastructure; staffing and coordination to complete capital improvement projects; the installation of new pipeline due to expanding development; and any and all construction related activities required by the EGWD that is not contracted to outside contractors.



**FY 2020-21 OPERATIONS DEPARTMENT EXPENDITURES**



**FY 2020-21 GOALS AND OBJECTIVES**

- Obtain comprehensive OSHA 30 training for all field employees to increase staff safety awareness related to the construction industry.
- Obtain Backhoe/Excavator Operator Training for field employees whose job duties require the operation of such equipment.

**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

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- Develop and implement a proper Lockout, Tagout program for the EGWD.
- Provide technical and operational resources to assist field employees in obtaining the necessary certifications and licenses (i.e. Class A commercial driver's licenses, Water Distribution Operator and Water Treatment Operator).
- Review training records and conduct the necessary training to ensure field employees are up to date on the necessary trainings (i.e. Back Flow Prevention Device Tester and Cross Connection Control Specialist).

**FY 2019-20 ACCOMPLISHMENTS**

- Designed and developed a Water Systems Operations Plan to optimize the production and operations of the EGWD water wells and treatment facilities.
- Completed all routine maintenance on all water production and treatment equipment.
- Completed all State and Federal required water quality sampling and reporting.
- Maintained all Cross-Connection Control Program requirements.
- Completed the maintenance and exercise of 1,374 fire hydrants and 1,202 valves.
- Replaced 323 water meters.
- Handled 2,406 Underground Service Alert requests.
- Read of approximately 12,500 meters a month.
- Completed the Service Line Replacements project.
- Completed the construction of the radio antenna at the Hampton Water Treatment Plant.
- Completed the grinding and paving of 50+ potholes throughout the EGWD's service area.



**Elk Grove Water District  
Fiscal Year 2020-21 Operating Budget**

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**LONG-TERM INDEBTEDNESS  
REVENUE BONDS  
BOND COVENANT RATIO**

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### Elk Grove Water District Long-Term Indebtedness to Maturity

Payment Date	Total Principal	Total Interest	Fiscal Year Total
9/1/2020	2,300,000.00	805,119.38	
3/1/2021	-	750,349.38	3,855,468.76
9/1/2021	2,440,000.00	750,349.38	
3/1/2022	-	692,149.38	3,882,498.76
9/1/2022	2,560,000.00	692,149.38	
3/1/2023	-	631,054.38	3,883,203.76
9/1/2023	2,675,000.00	631,054.38	
3/1/2024	-	580,939.38	3,886,993.76
9/1/2024	2,780,000.00	580,939.38	
3/1/2025	-	527,089.38	3,888,028.76
9/1/2025	2,935,000.00	527,089.38	
3/1/2026	-	479,413.13	3,941,502.51
9/1/2026	3,075,000.00	479,413.13	
3/1/2027	-	426,633.75	3,981,046.88
9/1/2027	3,180,000.00	426,633.75	
3/1/2028	-	370,576.25	3,977,210.00
9/1/2028	3,295,000.00	370,576.25	
3/1/2029	-	310,960.00	3,976,536.25
9/1/2029	3,430,000.00	310,960.00	
3/1/2030	-	234,170.00	3,975,130.00
9/1/2030	3,595,000.00	234,170.00	
3/1/2031	-	158,190.00	3,987,360.00
9/1/2031	3,745,000.00	158,190.00	
3/1/2032	-	80,735.00	3,983,925.00
9/1/2032	3,900,000.00	80,735.00	
3/1/2033	-	-	3,980,735.00
<b>Totals</b>	<b>39,910,000.00</b>	<b>11,289,639.44</b>	<b>51,199,639.44</b>

**Elk Grove Water District  
Fiscal Year 2020-21  
Long-Term Indebtedness  
Schedule of Required Payments**

Series	Description	Principal	Interest	Total Payment
2014 A	Water Revenue Refunding Bonds	1,910,000	1,084,769	2,994,769
2016 A	Water Revenue Refunding Bonds	390,000	470,700	860,700
<b>TOTAL DEBT SERVICE PAYMENTS</b>		<b>\$ 2,300,000</b>	<b>\$ 1,555,469</b>	<b>\$ 3,855,469</b>

	Required	Proposed
Debt Covenant Ratio	1.15	1.36
Net Income	\$ 5,237,877	
Total Debt Service	\$ 3,855,469	

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**FISCAL YEAR 2020-21  
RATES AND FEES SCHEDULE**

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**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

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**Use Charges:**

Fixed charge based on the number of accounts and the size of the water meter/connections:

Connection Size	Jan. 1, 2020	Jan. 1, 2021
1"	\$ 61.15	\$ 62.99
1.5"	\$ 86.07	\$ 88.65
2"	\$ 115.97	\$ 119.45
3"	\$ 185.76	\$ 191.33
4"	\$ 285.43	\$ 293.99
6"	\$ 534.64	\$ 550.68
8"	\$ 833.69	\$ 858.70
10"	\$ 1,182.57	\$ 1,218.05

Commodity charge for units of water used in a month:

Service Type	Jan. 1, 2020	Jan. 1, 2021
Residential Metered		
Tier 1 (0-30 CCF)	\$ 1.92	\$ 1.98
Tier 2 (30.01+ CCF)	\$ 4.04	\$ 4.17
CCF = Hundred Cubic Feet		
Non-residential	\$ 1.79	\$ 1.84
Irrigation	\$ 2.27	\$ 2.34

**Other Fees:**

Private Fire Protection Service Rates:

Connection Size	Jan. 1, 2020	Jan. 1, 2021
2"	\$ 3.02	\$ 3.11
3"	\$ 8.78	\$ 9.04
4"	\$ 18.71	\$ 19.27
6"	\$ 54.34	\$ 55.97
8"	\$ 115.80	\$ 119.27
10"	\$ 208.25	\$ 214.49
12"	\$ 336.37	\$ 346.47

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

New Connections: Effective August 15, 2018

Fees for new connection to EGWD contain two components. The base charge for a 1-inch meter is \$926.00 and larger meter installations will be charged any additional time and material (T&M) cost. The second is a capacity charge, which covers the cost of “buying-in” to an existing system. New connections in EGWD’s Service Area 2 do not pay the capacity charge, as those costs are part of Sacramento County’s infrastructure.

Meter Size	Meter Charge	Capacity Fee	Total
1”	\$ 926	\$ 4,479	\$ 5,405
1.5”	T&M	\$ 8,958	\$ 8,958 + T&M
2”	T&M	\$ 14,333	\$ 14,333 + T&M
3”	T&M	\$ 26,874	\$ 26,874 + T&M
4”	T&M	\$ 44,790	\$ 44,790 + T&M
6”	T&M	\$ 89,580	\$ 89,580 + T&M

Other: Effective November 18, 2019

Account set up	\$30.00
Return check charge	\$35.00, plus amount of check
Over the phone payments	\$5.00
Meter re-read	
First request	Free
Subsequent requests	\$25.00
Photocopies	
Black and white	\$0.10/page
Color	\$0.15/page
Delinquency shutoff	
Delinquent amount	Amount of past due bill
Door Tag Fee	\$25.00
Late Payment Penalty	\$100.00
24-hour turn-on fee	\$100.00
Meter testing	\$47/hour
Back flow Tag Fee	\$25/tag
Fire flow testing	\$156.00
Violation of ordinance (within 1 year)	
First occurrence	\$100.00
Second occurrence	\$200.00
Each additional occurrence	\$500.00
Plan check fees	
Irrigation only	\$500.00
1 lot (EDU)	\$500.00
2-9 lots (EDUs)	\$2,000.00
10 lots (EDUs) or more	\$5,000.00
Construction/temporary service	
Installation & removal	\$194.00
Weekly rental	\$50.00
Deposit	\$2,000.00



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**FISCAL YEAR 2020-21  
SALARY SCHEDULE**

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**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

**ELK GROVE WATER DISTRICT**  
**Salary Schedule**  
**Annual, Monthly, Bi-Weekly & Hourly Wage**  
**As of July 1, 2020**

Grade	Step I	Step II	Step III	Step IV	Step V
1	\$ 18,449.60	\$ 19,364.80	\$ 20,300.80	\$ 21,340.80	\$ 22,401.60
	\$ 1,537.47	\$ 1,613.73	\$ 1,691.73	\$ 1,778.40	\$ 1,866.80
	\$ 709.60	\$ 744.80	\$ 780.80	\$ 820.80	\$ 861.60
	\$ 8.87	\$ 9.31	\$ 9.76	\$ 10.26	\$ 10.77
2	\$ 18,886.40	\$ 19,843.20	\$ 20,841.60	\$ 21,860.80	\$ 22,984.00
	\$ 1,573.87	\$ 1,653.60	\$ 1,736.80	\$ 1,821.73	\$ 1,915.33
	\$ 726.40	\$ 763.20	\$ 801.60	\$ 840.80	\$ 884.00
	\$ 9.08	\$ 9.54	\$ 10.02	\$ 10.51	\$ 11.05
3	\$ 19,364.80	\$ 20,300.80	\$ 21,340.80	\$ 22,401.60	\$ 23,545.60
	\$ 1,613.73	\$ 1,691.73	\$ 1,778.40	\$ 1,866.80	\$ 1,962.13
	\$ 744.80	\$ 780.80	\$ 820.80	\$ 861.60	\$ 905.60
	\$ 9.31	\$ 9.76	\$ 10.26	\$ 10.77	\$ 11.32
4	\$ 19,843.20	\$ 20,841.60	\$ 21,860.80	\$ 22,984.00	\$ 24,107.20
	\$ 1,653.60	\$ 1,736.80	\$ 1,821.73	\$ 1,915.33	\$ 2,008.93
	\$ 763.20	\$ 801.60	\$ 840.80	\$ 884.00	\$ 927.20
	\$ 9.54	\$ 10.02	\$ 10.51	\$ 11.05	\$ 11.59
5	\$ 20,300.80	\$ 21,340.80	\$ 22,401.60	\$ 23,545.60	\$ 24,689.60
	\$ 1,691.73	\$ 1,778.40	\$ 1,866.80	\$ 1,962.13	\$ 2,057.47
	\$ 780.80	\$ 820.80	\$ 861.60	\$ 905.60	\$ 949.60
	\$ 9.76	\$ 10.26	\$ 10.77	\$ 11.32	\$ 11.87
6	\$ 20,841.60	\$ 21,860.80	\$ 22,984.00	\$ 24,107.20	\$ 25,334.40
	\$ 1,736.80	\$ 1,821.73	\$ 1,915.33	\$ 2,008.93	\$ 2,111.20
	\$ 801.60	\$ 840.80	\$ 884.00	\$ 927.20	\$ 974.40
	\$ 10.02	\$ 10.51	\$ 11.05	\$ 11.59	\$ 12.18
7	\$ 21,340.80	\$ 22,401.60	\$ 23,545.60	\$ 24,689.60	\$ 25,937.60
	\$ 1,778.40	\$ 1,866.80	\$ 1,962.13	\$ 2,057.47	\$ 2,161.47
	\$ 820.80	\$ 861.60	\$ 905.60	\$ 949.60	\$ 997.60
	\$ 10.26	\$ 10.77	\$ 11.32	\$ 11.87	\$ 12.47
8	\$ 21,860.80	\$ 22,984.00	\$ 24,107.20	\$ 25,334.40	\$ 26,582.40
	\$ 1,821.73	\$ 1,915.33	\$ 2,008.93	\$ 2,111.20	\$ 2,215.20
	\$ 840.80	\$ 884.00	\$ 927.20	\$ 974.40	\$ 1,022.40
	\$ 10.51	\$ 11.05	\$ 11.59	\$ 12.18	\$ 12.78
9	\$ 22,401.60	\$ 23,545.60	\$ 24,689.60	\$ 25,937.60	\$ 27,248.00
	\$ 1,866.80	\$ 1,962.13	\$ 2,057.47	\$ 2,161.47	\$ 2,270.67
	\$ 861.60	\$ 905.60	\$ 949.60	\$ 997.60	\$ 1,048.00
	\$ 10.77	\$ 11.32	\$ 11.87	\$ 12.47	\$ 13.10
10	\$ 22,984.00	\$ 24,107.20	\$ 25,334.40	\$ 26,582.40	\$ 27,913.60
	\$ 1,915.33	\$ 2,008.93	\$ 2,111.20	\$ 2,215.20	\$ 2,326.13
	\$ 884.00	\$ 927.20	\$ 974.40	\$ 1,022.40	\$ 1,073.60
	\$ 11.05	\$ 11.59	\$ 12.18	\$ 12.78	\$ 13.42

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

**ELK GROVE WATER DISTRICT**  
**Salary Schedule**  
**Annual, Monthly, Bi-Weekly & Hourly Wage**  
**As of July 1, 2020**

Grade	Step I	Step II	Step III	Step IV	Step V
11	\$ 23,545.60	\$ 24,689.60	\$ 25,937.60	\$ 27,248.00	\$ 28,579.20
	\$ 1,962.13	\$ 2,057.47	\$ 2,161.47	\$ 2,270.67	\$ 2,381.60
	\$ 905.60	\$ 949.60	\$ 997.60	\$ 1,048.00	\$ 1,099.20
	\$ 11.32	\$ 11.87	\$ 12.47	\$ 13.10	\$ 13.74
12	\$ 24,107.20	\$ 25,334.40	\$ 26,582.40	\$ 27,913.60	\$ 29,307.20
	\$ 2,008.93	\$ 2,111.20	\$ 2,215.20	\$ 2,326.13	\$ 2,442.27
	\$ 927.20	\$ 974.40	\$ 1,022.40	\$ 1,073.60	\$ 1,127.20
	\$ 11.59	\$ 12.18	\$ 12.78	\$ 13.42	\$ 14.09
13	\$ 24,689.60	\$ 25,937.60	\$ 27,248.00	\$ 28,579.20	\$ 30,014.40
	\$ 2,057.47	\$ 2,161.47	\$ 2,270.67	\$ 2,381.60	\$ 2,501.20
	\$ 949.60	\$ 997.60	\$ 1,048.00	\$ 1,099.20	\$ 1,154.40
	\$ 11.87	\$ 12.47	\$ 13.10	\$ 13.74	\$ 14.43
14	\$ 25,334.40	\$ 26,582.40	\$ 27,913.60	\$ 29,307.20	\$ 30,763.20
	\$ 2,111.20	\$ 2,215.20	\$ 2,326.13	\$ 2,442.27	\$ 2,563.60
	\$ 974.40	\$ 1,022.40	\$ 1,073.60	\$ 1,127.20	\$ 1,183.20
	\$ 12.18	\$ 12.78	\$ 13.42	\$ 14.09	\$ 14.79
15	\$ 25,937.60	\$ 27,248.00	\$ 28,579.20	\$ 30,014.40	\$ 31,532.80
	\$ 2,161.47	\$ 2,270.67	\$ 2,381.60	\$ 2,501.20	\$ 2,627.73
	\$ 997.60	\$ 1,048.00	\$ 1,099.20	\$ 1,154.40	\$ 1,212.80
	\$ 12.47	\$ 13.10	\$ 13.74	\$ 14.43	\$ 15.16
16	\$ 26,582.40	\$ 27,913.60	\$ 29,307.20	\$ 30,763.20	\$ 32,302.40
	\$ 2,215.20	\$ 2,326.13	\$ 2,442.27	\$ 2,563.60	\$ 2,691.87
	\$ 1,022.40	\$ 1,073.60	\$ 1,127.20	\$ 1,183.20	\$ 1,242.40
	\$ 12.78	\$ 13.42	\$ 14.09	\$ 14.79	\$ 15.53
17	\$ 27,248.00	\$ 28,579.20	\$ 30,014.40	\$ 31,532.80	\$ 33,092.80
	\$ 2,270.67	\$ 2,381.60	\$ 2,501.20	\$ 2,627.73	\$ 2,757.73
	\$ 1,048.00	\$ 1,099.20	\$ 1,154.40	\$ 1,212.80	\$ 1,272.80
	\$ 13.10	\$ 13.74	\$ 14.43	\$ 15.16	\$ 15.91
18	\$ 27,913.60	\$ 29,307.20	\$ 30,763.20	\$ 32,302.40	\$ 33,945.60
	\$ 2,326.13	\$ 2,442.27	\$ 2,563.60	\$ 2,691.87	\$ 2,828.80
	\$ 1,073.60	\$ 1,127.20	\$ 1,183.20	\$ 1,242.40	\$ 1,305.60
	\$ 13.42	\$ 14.09	\$ 14.79	\$ 15.53	\$ 16.32
19	\$ 28,579.20	\$ 30,014.40	\$ 31,532.80	\$ 33,092.80	\$ 34,756.80
	\$ 2,381.60	\$ 2,501.20	\$ 2,627.73	\$ 2,757.73	\$ 2,896.40
	\$ 1,099.20	\$ 1,154.40	\$ 1,212.80	\$ 1,272.80	\$ 1,336.80
	\$ 13.74	\$ 14.43	\$ 15.16	\$ 15.91	\$ 16.71
20	\$ 29,307.20	\$ 30,763.20	\$ 32,302.40	\$ 33,945.60	\$ 35,630.40
	\$ 2,442.27	\$ 2,563.60	\$ 2,691.87	\$ 2,828.80	\$ 2,969.20
	\$ 1,127.20	\$ 1,183.20	\$ 1,242.40	\$ 1,305.60	\$ 1,370.40
	\$ 14.09	\$ 14.79	\$ 15.53	\$ 16.32	\$ 17.13

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

**ELK GROVE WATER DISTRICT**  
**Salary Schedule**  
**Annual, Monthly, Bi-Weekly & Hourly Wage**  
**As of July 1, 2020**

Grade	Step I	Step II	Step III	Step IV	Step V
21	\$ 30,014.40	\$ 31,532.80	\$ 33,092.80	\$ 34,756.80	\$ 36,504.00
	\$ 2,501.20	\$ 2,627.73	\$ 2,757.73	\$ 2,896.40	\$ 3,042.00
	\$ 1,154.40	\$ 1,212.80	\$ 1,272.80	\$ 1,336.80	\$ 1,404.00
	\$ 14.43	\$ 15.16	\$ 15.91	\$ 16.71	\$ 17.55
22	\$ 30,763.20	\$ 32,302.40	\$ 33,945.60	\$ 35,630.40	\$ 37,398.40
	\$ 2,563.60	\$ 2,691.87	\$ 2,828.80	\$ 2,969.20	\$ 3,116.53
	\$ 1,183.20	\$ 1,242.40	\$ 1,305.60	\$ 1,370.40	\$ 1,438.40
	\$ 14.79	\$ 15.53	\$ 16.32	\$ 17.13	\$ 17.98
23	\$ 31,532.80	\$ 33,092.80	\$ 34,756.80	\$ 36,504.00	\$ 38,313.60
	\$ 2,627.73	\$ 2,757.73	\$ 2,896.40	\$ 3,042.00	\$ 3,192.80
	\$ 1,212.80	\$ 1,272.80	\$ 1,336.80	\$ 1,404.00	\$ 1,473.60
	\$ 15.16	\$ 15.91	\$ 16.71	\$ 17.55	\$ 18.42
24	\$ 32,302.40	\$ 33,945.60	\$ 35,630.40	\$ 37,398.40	\$ 39,291.20
	\$ 2,691.87	\$ 2,828.80	\$ 2,969.20	\$ 3,116.53	\$ 3,274.27
	\$ 1,242.40	\$ 1,305.60	\$ 1,370.40	\$ 1,438.40	\$ 1,511.20
	\$ 15.53	\$ 16.32	\$ 17.13	\$ 17.98	\$ 18.89
25	\$ 33,092.80	\$ 34,756.80	\$ 36,504.00	\$ 38,313.60	\$ 40,248.00
	\$ 2,757.73	\$ 2,896.40	\$ 3,042.00	\$ 3,192.80	\$ 3,354.00
	\$ 1,272.80	\$ 1,336.80	\$ 1,404.00	\$ 1,473.60	\$ 1,548.00
	\$ 15.91	\$ 16.71	\$ 17.55	\$ 18.42	\$ 19.35
26	\$ 33,945.60	\$ 35,630.40	\$ 37,398.40	\$ 39,291.20	\$ 41,246.40
	\$ 2,828.80	\$ 2,969.20	\$ 3,116.53	\$ 3,274.27	\$ 3,437.20
	\$ 1,305.60	\$ 1,370.40	\$ 1,438.40	\$ 1,511.20	\$ 1,586.40
	\$ 16.32	\$ 17.13	\$ 17.98	\$ 18.89	\$ 19.83
27	\$ 34,756.80	\$ 36,504.00	\$ 38,313.60	\$ 40,248.00	\$ 42,265.60
	\$ 2,896.40	\$ 3,042.00	\$ 3,192.80	\$ 3,354.00	\$ 3,522.13
	\$ 1,336.80	\$ 1,404.00	\$ 1,473.60	\$ 1,548.00	\$ 1,625.60
	\$ 16.71	\$ 17.55	\$ 18.42	\$ 19.35	\$ 20.32
28	\$ 35,630.40	\$ 37,398.40	\$ 39,291.20	\$ 41,246.40	\$ 43,305.60
	\$ 2,969.20	\$ 3,116.53	\$ 3,274.27	\$ 3,437.20	\$ 3,608.80
	\$ 1,370.40	\$ 1,438.40	\$ 1,511.20	\$ 1,586.40	\$ 1,665.60
	\$ 17.13	\$ 17.98	\$ 18.89	\$ 19.83	\$ 20.82
29	\$ 36,504.00	\$ 38,313.60	\$ 40,248.00	\$ 42,265.60	\$ 44,366.40
	\$ 3,042.00	\$ 3,192.80	\$ 3,354.00	\$ 3,522.13	\$ 3,697.20
	\$ 1,404.00	\$ 1,473.60	\$ 1,548.00	\$ 1,625.60	\$ 1,706.40
	\$ 17.55	\$ 18.42	\$ 19.35	\$ 20.32	\$ 21.33
30	\$ 37,398.40	\$ 39,291.20	\$ 41,246.40	\$ 43,305.60	\$ 45,468.80
	\$ 3,116.53	\$ 3,274.27	\$ 3,437.20	\$ 3,608.80	\$ 3,789.07
	\$ 1,438.40	\$ 1,511.20	\$ 1,586.40	\$ 1,665.60	\$ 1,748.80
	\$ 17.98	\$ 18.89	\$ 19.83	\$ 20.82	\$ 21.86

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

**ELK GROVE WATER DISTRICT**  
**Salary Schedule**  
**Annual, Monthly, Bi-Weekly & Hourly Wage**  
**As of July 1, 2020**

Grade	Step I	Step II	Step III	Step IV	Step V
31	\$ 38,313.60	\$ 40,248.00	\$ 42,265.60	\$ 44,366.40	\$ 46,571.20
	\$ 3,192.80	\$ 3,354.00	\$ 3,522.13	\$ 3,697.20	\$ 3,880.93
	\$ 1,473.60	\$ 1,548.00	\$ 1,625.60	\$ 1,706.40	\$ 1,791.20
	\$ 18.42	\$ 19.35	\$ 20.32	\$ 21.33	\$ 22.39
32	\$ 39,291.20	\$ 41,246.40	\$ 43,305.60	\$ 45,468.80	\$ 47,736.00
	\$ 3,274.27	\$ 3,437.20	\$ 3,608.80	\$ 3,789.07	\$ 3,978.00
	\$ 1,511.20	\$ 1,586.40	\$ 1,665.60	\$ 1,748.80	\$ 1,836.00
	\$ 18.89	\$ 19.83	\$ 20.82	\$ 21.86	\$ 22.95
33	\$ 40,248.00	\$ 42,265.60	\$ 44,366.40	\$ 46,571.20	\$ 48,921.60
	\$ 3,354.00	\$ 3,522.13	\$ 3,697.20	\$ 3,880.93	\$ 4,076.80
	\$ 1,548.00	\$ 1,625.60	\$ 1,706.40	\$ 1,791.20	\$ 1,881.60
	\$ 19.35	\$ 20.32	\$ 21.33	\$ 22.39	\$ 23.52
34	\$ 41,246.40	\$ 43,305.60	\$ 45,468.80	\$ 47,736.00	\$ 50,128.00
	\$ 3,437.20	\$ 3,608.80	\$ 3,789.07	\$ 3,978.00	\$ 4,177.33
	\$ 1,586.40	\$ 1,665.60	\$ 1,748.80	\$ 1,836.00	\$ 1,928.00
	\$ 19.83	\$ 20.82	\$ 21.86	\$ 22.95	\$ 24.10
35	\$ 42,265.60	\$ 44,366.40	\$ 46,571.20	\$ 48,921.60	\$ 51,355.20
	\$ 3,522.13	\$ 3,697.20	\$ 3,880.93	\$ 4,076.80	\$ 4,279.60
	\$ 1,625.60	\$ 1,706.40	\$ 1,791.20	\$ 1,881.60	\$ 1,975.20
	\$ 20.32	\$ 21.33	\$ 22.39	\$ 23.52	\$ 24.69
36	\$ 43,305.60	\$ 45,468.80	\$ 47,736.00	\$ 50,128.00	\$ 52,644.80
	\$ 3,608.80	\$ 3,789.07	\$ 3,978.00	\$ 4,177.33	\$ 4,387.07
	\$ 1,665.60	\$ 1,748.80	\$ 1,836.00	\$ 1,928.00	\$ 2,024.80
	\$ 20.82	\$ 21.86	\$ 22.95	\$ 24.10	\$ 25.31
37	\$ 44,366.40	\$ 46,571.20	\$ 48,921.60	\$ 51,355.20	\$ 53,913.60
	\$ 3,697.20	\$ 3,880.93	\$ 4,076.80	\$ 4,279.60	\$ 4,492.80
	\$ 1,706.40	\$ 1,791.20	\$ 1,881.60	\$ 1,975.20	\$ 2,073.60
	\$ 21.33	\$ 22.39	\$ 23.52	\$ 24.69	\$ 25.92
38	\$ 45,468.80	\$ 47,736.00	\$ 50,128.00	\$ 52,644.80	\$ 55,286.40
	\$ 3,789.07	\$ 3,978.00	\$ 4,177.33	\$ 4,387.07	\$ 4,607.20
	\$ 1,748.80	\$ 1,836.00	\$ 1,928.00	\$ 2,024.80	\$ 2,126.40
	\$ 21.86	\$ 22.95	\$ 24.10	\$ 25.31	\$ 26.58
39	\$ 46,571.20	\$ 48,921.60	\$ 51,355.20	\$ 53,913.60	\$ 56,617.60
	\$ 3,880.93	\$ 4,076.80	\$ 4,279.60	\$ 4,492.80	\$ 4,718.13
	\$ 1,791.20	\$ 1,881.60	\$ 1,975.20	\$ 2,073.60	\$ 2,177.60
	\$ 22.39	\$ 23.52	\$ 24.69	\$ 25.92	\$ 27.22
40	\$ 47,736.00	\$ 50,128.00	\$ 52,644.80	\$ 55,286.40	\$ 58,032.00
	\$ 3,978.00	\$ 4,177.33	\$ 4,387.07	\$ 4,607.20	\$ 4,836.00
	\$ 1,836.00	\$ 1,928.00	\$ 2,024.80	\$ 2,126.40	\$ 2,232.00
	\$ 22.95	\$ 24.10	\$ 25.31	\$ 26.58	\$ 27.90

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

**ELK GROVE WATER DISTRICT**  
**Salary Schedule**  
**Annual, Monthly, Bi-Weekly & Hourly Wage**  
**As of July 1, 2020**

Grade	Step I	Step II	Step III	Step IV	Step V
41	\$ 48,921.60	\$ 51,355.20	\$ 53,913.60	\$ 56,617.60	\$ 59,446.40
	\$ 4,076.80	\$ 4,279.60	\$ 4,492.80	\$ 4,718.13	\$ 4,953.87
	\$ 1,881.60	\$ 1,975.20	\$ 2,073.60	\$ 2,177.60	\$ 2,286.40
	\$ 23.52	\$ 24.69	\$ 25.92	\$ 27.22	\$ 28.58
42	\$ 50,128.00	\$ 52,644.80	\$ 55,286.40	\$ 58,032.00	\$ 60,944.00
	\$ 4,177.33	\$ 4,387.07	\$ 4,607.20	\$ 4,836.00	\$ 5,078.67
	\$ 1,928.00	\$ 2,024.80	\$ 2,126.40	\$ 2,232.00	\$ 2,344.00
	\$ 24.10	\$ 25.31	\$ 26.58	\$ 27.90	\$ 29.30
43	\$ 51,355.20	\$ 53,913.60	\$ 56,617.60	\$ 59,446.40	\$ 62,441.60
	\$ 4,279.60	\$ 4,492.80	\$ 4,718.13	\$ 4,953.87	\$ 5,203.47
	\$ 1,975.20	\$ 2,073.60	\$ 2,177.60	\$ 2,286.40	\$ 2,401.60
	\$ 24.69	\$ 25.92	\$ 27.22	\$ 28.58	\$ 30.02
44	\$ 52,644.80	\$ 55,286.40	\$ 58,032.00	\$ 60,944.00	\$ 64,001.60
	\$ 4,387.07	\$ 4,607.20	\$ 4,836.00	\$ 5,078.67	\$ 5,333.47
	\$ 2,024.80	\$ 2,126.40	\$ 2,232.00	\$ 2,344.00	\$ 2,461.60
	\$ 25.31	\$ 26.58	\$ 27.90	\$ 29.30	\$ 30.77
45	\$ 53,913.60	\$ 56,617.60	\$ 59,446.40	\$ 62,441.60	\$ 65,540.80
	\$ 4,492.80	\$ 4,718.13	\$ 4,953.87	\$ 5,203.47	\$ 5,461.73
	\$ 2,073.60	\$ 2,177.60	\$ 2,286.40	\$ 2,401.60	\$ 2,520.80
	\$ 25.92	\$ 27.22	\$ 28.58	\$ 30.02	\$ 31.51
46	\$ 55,286.40	\$ 58,032.00	\$ 60,944.00	\$ 64,001.60	\$ 67,184.00
	\$ 4,607.20	\$ 4,836.00	\$ 5,078.67	\$ 5,333.47	\$ 5,598.67
	\$ 2,126.40	\$ 2,232.00	\$ 2,344.00	\$ 2,461.60	\$ 2,584.00
	\$ 26.58	\$ 27.90	\$ 29.30	\$ 30.77	\$ 32.30
47	\$ 56,617.60	\$ 59,446.40	\$ 62,441.60	\$ 65,540.80	\$ 68,827.20
	\$ 4,718.13	\$ 4,953.87	\$ 5,203.47	\$ 5,461.73	\$ 5,735.60
	\$ 2,177.60	\$ 2,286.40	\$ 2,401.60	\$ 2,520.80	\$ 2,647.20
	\$ 27.22	\$ 28.58	\$ 30.02	\$ 31.51	\$ 33.09
48	\$ 58,032.00	\$ 60,944.00	\$ 64,001.60	\$ 67,184.00	\$ 70,553.60
	\$ 4,836.00	\$ 5,078.67	\$ 5,333.47	\$ 5,598.67	\$ 5,879.47
	\$ 2,232.00	\$ 2,344.00	\$ 2,461.60	\$ 2,584.00	\$ 2,713.60
	\$ 27.90	\$ 29.30	\$ 30.77	\$ 32.30	\$ 33.92
49	\$ 59,446.40	\$ 62,441.60	\$ 65,540.80	\$ 68,827.20	\$ 72,259.20
	\$ 4,953.87	\$ 5,203.47	\$ 5,461.73	\$ 5,735.60	\$ 6,021.60
	\$ 2,286.40	\$ 2,401.60	\$ 2,520.80	\$ 2,647.20	\$ 2,779.20
	\$ 28.58	\$ 30.02	\$ 31.51	\$ 33.09	\$ 34.74
50	\$ 60,944.00	\$ 64,001.60	\$ 67,184.00	\$ 70,553.60	\$ 74,048.00
	\$ 5,078.67	\$ 5,333.47	\$ 5,598.67	\$ 5,879.47	\$ 6,170.67
	\$ 2,344.00	\$ 2,461.60	\$ 2,584.00	\$ 2,713.60	\$ 2,848.00
	\$ 29.30	\$ 30.77	\$ 32.30	\$ 33.92	\$ 35.60

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

**ELK GROVE WATER DISTRICT**  
**Salary Schedule**  
**Annual, Monthly, Bi-Weekly & Hourly Wage**  
**As of July 1, 2020**

Grade	Step I	Step II	Step III	Step IV	Step V
51	\$ 62,441.60	\$ 65,540.80	\$ 68,827.20	\$ 72,259.20	\$ 75,878.40
	\$ 5,203.47	\$ 5,461.73	\$ 5,735.60	\$ 6,021.60	\$ 6,323.20
	\$ 2,401.60	\$ 2,520.80	\$ 2,647.20	\$ 2,779.20	\$ 2,918.40
	\$ 30.02	\$ 31.51	\$ 33.09	\$ 34.74	\$ 36.48
52	\$ 64,001.60	\$ 67,184.00	\$ 70,553.60	\$ 74,048.00	\$ 77,771.20
	\$ 5,333.47	\$ 5,598.67	\$ 5,879.47	\$ 6,170.67	\$ 6,480.93
	\$ 2,461.60	\$ 2,584.00	\$ 2,713.60	\$ 2,848.00	\$ 2,991.20
	\$ 30.77	\$ 32.30	\$ 33.92	\$ 35.60	\$ 37.39
53	\$ 65,540.80	\$ 68,827.20	\$ 72,259.20	\$ 75,878.40	\$ 79,684.80
	\$ 5,461.73	\$ 5,735.60	\$ 6,021.60	\$ 6,323.20	\$ 6,640.40
	\$ 2,520.80	\$ 2,647.20	\$ 2,779.20	\$ 2,918.40	\$ 3,064.80
	\$ 31.51	\$ 33.09	\$ 34.74	\$ 36.48	\$ 38.31
54	\$ 67,184.00	\$ 70,553.60	\$ 74,048.00	\$ 77,771.20	\$ 81,681.60
	\$ 5,598.67	\$ 5,879.47	\$ 6,170.67	\$ 6,480.93	\$ 6,806.80
	\$ 2,584.00	\$ 2,713.60	\$ 2,848.00	\$ 2,991.20	\$ 3,141.60
	\$ 32.30	\$ 33.92	\$ 35.60	\$ 37.39	\$ 39.27
55	\$ 68,827.20	\$ 72,259.20	\$ 75,878.40	\$ 79,684.80	\$ 83,657.60
	\$ 5,735.60	\$ 6,021.60	\$ 6,323.20	\$ 6,640.40	\$ 6,971.47
	\$ 2,647.20	\$ 2,779.20	\$ 2,918.40	\$ 3,064.80	\$ 3,217.60
	\$ 33.09	\$ 34.74	\$ 36.48	\$ 38.31	\$ 40.22
56	\$ 70,553.60	\$ 74,048.00	\$ 77,771.20	\$ 81,681.60	\$ 85,758.40
	\$ 5,879.47	\$ 6,170.67	\$ 6,480.93	\$ 6,806.80	\$ 7,146.53
	\$ 2,713.60	\$ 2,848.00	\$ 2,991.20	\$ 3,141.60	\$ 3,298.40
	\$ 33.92	\$ 35.60	\$ 37.39	\$ 39.27	\$ 41.23
57	\$ 72,259.20	\$ 75,878.40	\$ 79,684.80	\$ 83,657.60	\$ 87,838.40
	\$ 6,021.60	\$ 6,323.20	\$ 6,640.40	\$ 6,971.47	\$ 7,319.87
	\$ 2,779.20	\$ 2,918.40	\$ 3,064.80	\$ 3,217.60	\$ 3,378.40
	\$ 34.74	\$ 36.48	\$ 38.31	\$ 40.22	\$ 42.23
58	\$ 74,048.00	\$ 77,771.20	\$ 81,681.60	\$ 85,758.40	\$ 90,043.20
	\$ 6,170.67	\$ 6,480.93	\$ 6,806.80	\$ 7,146.53	\$ 7,503.60
	\$ 2,848.00	\$ 2,991.20	\$ 3,141.60	\$ 3,298.40	\$ 3,463.20
	\$ 35.60	\$ 37.39	\$ 39.27	\$ 41.23	\$ 43.29
59	\$ 75,878.40	\$ 79,684.80	\$ 83,657.60	\$ 87,838.40	\$ 92,248.00
	\$ 6,323.20	\$ 6,640.40	\$ 6,971.47	\$ 7,319.87	\$ 7,687.33
	\$ 2,918.40	\$ 3,064.80	\$ 3,217.60	\$ 3,378.40	\$ 3,548.00
	\$ 36.48	\$ 38.31	\$ 40.22	\$ 42.23	\$ 44.35
60	\$ 77,771.20	\$ 81,681.60	\$ 85,758.40	\$ 90,043.20	\$ 94,536.00
	\$ 6,480.93	\$ 6,806.80	\$ 7,146.53	\$ 7,503.60	\$ 7,878.00
	\$ 2,991.20	\$ 3,141.60	\$ 3,298.40	\$ 3,463.20	\$ 3,636.00
	\$ 37.39	\$ 39.27	\$ 41.23	\$ 43.29	\$ 45.45



**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

**ELK GROVE WATER DISTRICT**  
**Salary Schedule**  
**Annual, Monthly, Bi-Weekly & Hourly Wage**  
**As of July 1, 2020**

Grade	Step I	Step II	Step III	Step IV	Step V
61	\$ 79,684.80	\$ 83,657.60	\$ 87,838.40	\$ 92,248.00	\$ 96,844.80
	\$ 6,640.40	\$ 6,971.47	\$ 7,319.87	\$ 7,687.33	\$ 8,070.40
	\$ 3,064.80	\$ 3,217.60	\$ 3,378.40	\$ 3,548.00	\$ 3,724.80
	\$ 38.31	\$ 40.22	\$ 42.23	\$ 44.35	\$ 46.56
62	\$ 81,681.60	\$ 85,758.40	\$ 90,043.20	\$ 94,536.00	\$ 99,257.60
	\$ 6,806.80	\$ 7,146.53	\$ 7,503.60	\$ 7,878.00	\$ 8,271.47
	\$ 3,141.60	\$ 3,298.40	\$ 3,463.20	\$ 3,636.00	\$ 3,817.60
	\$ 39.27	\$ 41.23	\$ 43.29	\$ 45.45	\$ 47.72
63	\$ 83,657.60	\$ 87,838.40	\$ 92,248.00	\$ 96,844.80	\$101,670.40
	\$ 6,971.47	\$ 7,319.87	\$ 7,687.33	\$ 8,070.40	\$ 8,472.53
	\$ 3,217.60	\$ 3,378.40	\$ 3,548.00	\$ 3,724.80	\$ 3,910.40
	\$ 40.22	\$ 42.23	\$ 44.35	\$ 46.56	\$ 48.88
64	\$ 85,758.40	\$ 90,043.20	\$ 94,536.00	\$ 99,257.60	\$104,228.80
	\$ 7,146.53	\$ 7,503.60	\$ 7,878.00	\$ 8,271.47	\$ 8,685.73
	\$ 3,298.40	\$ 3,463.20	\$ 3,636.00	\$ 3,817.60	\$ 4,008.80
	\$ 41.23	\$ 43.29	\$ 45.45	\$ 47.72	\$ 50.11
65	\$ 87,838.40	\$ 92,248.00	\$ 96,844.80	\$101,670.40	\$106,745.60
	\$ 7,319.87	\$ 7,687.33	\$ 8,070.40	\$ 8,472.53	\$ 8,895.47
	\$ 3,378.40	\$ 3,548.00	\$ 3,724.80	\$ 3,910.40	\$ 4,105.60
	\$ 42.23	\$ 44.35	\$ 46.56	\$ 48.88	\$ 51.32
66	\$ 90,043.20	\$ 94,536.00	\$ 99,257.60	\$104,228.80	\$109,449.60
	\$ 7,503.60	\$ 7,878.00	\$ 8,271.47	\$ 8,685.73	\$ 9,120.80
	\$ 3,463.20	\$ 3,636.00	\$ 3,817.60	\$ 4,008.80	\$ 4,209.60
	\$ 43.29	\$ 45.45	\$ 47.72	\$ 50.11	\$ 52.62
67	\$ 92,248.00	\$ 96,844.80	\$101,670.40	\$106,745.60	\$112,091.20
	\$ 7,687.33	\$ 8,070.40	\$ 8,472.53	\$ 8,895.47	\$ 9,340.93
	\$ 3,548.00	\$ 3,724.80	\$ 3,910.40	\$ 4,105.60	\$ 4,311.20
	\$ 44.35	\$ 46.56	\$ 48.88	\$ 51.32	\$ 53.89
68	\$ 94,536.00	\$ 99,257.60	\$104,228.80	\$109,449.60	\$114,899.20
	\$ 7,878.00	\$ 8,271.47	\$ 8,685.73	\$ 9,120.80	\$ 9,574.93
	\$ 3,636.00	\$ 3,817.60	\$ 4,008.80	\$ 4,209.60	\$ 4,419.20
	\$ 45.45	\$ 47.72	\$ 50.11	\$ 52.62	\$ 55.24
69	\$ 96,844.80	\$101,670.40	\$106,745.60	\$112,091.20	\$117,707.20
	\$ 8,070.40	\$ 8,472.53	\$ 8,895.47	\$ 9,340.93	\$ 9,808.93
	\$ 3,724.80	\$ 3,910.40	\$ 4,105.60	\$ 4,311.20	\$ 4,527.20
	\$ 46.56	\$ 48.88	\$ 51.32	\$ 53.89	\$ 56.59
70	\$ 99,257.60	\$104,228.80	\$109,449.60	\$114,899.20	\$120,660.80
	\$ 8,271.47	\$ 8,685.73	\$ 9,120.80	\$ 9,574.93	\$ 10,055.07
	\$ 3,817.60	\$ 4,008.80	\$ 4,209.60	\$ 4,419.20	\$ 4,640.80
	\$ 47.72	\$ 50.11	\$ 52.62	\$ 55.24	\$ 58.01

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

**ELK GROVE WATER DISTRICT**  
**Salary Schedule**  
**Annual, Monthly, Bi-Weekly & Hourly Wage**  
**As of July 1, 2020**

Grade	Step I	Step II	Step III	Step IV	Step V
71	\$ 101,670.40	\$ 106,745.60	\$ 112,091.20	\$ 117,707.20	\$ 123,593.60
	\$ 8,472.53	\$ 8,895.47	\$ 9,340.93	\$ 9,808.93	\$ 10,299.47
	\$ 3,910.40	\$ 4,105.60	\$ 4,311.20	\$ 4,527.20	\$ 4,753.60
	\$ 48.88	\$ 51.32	\$ 53.89	\$ 56.59	\$ 59.42
72	\$ 104,228.80	\$ 109,449.60	\$ 114,899.20	\$ 120,660.80	\$ 126,692.80
	\$ 8,685.73	\$ 9,120.80	\$ 9,574.93	\$ 10,055.07	\$ 10,557.73
	\$ 4,008.80	\$ 4,209.60	\$ 4,419.20	\$ 4,640.80	\$ 4,872.80
	\$ 50.11	\$ 52.62	\$ 55.24	\$ 58.01	\$ 60.91
73	\$ 106,745.60	\$ 112,091.20	\$ 117,707.20	\$ 123,593.60	\$ 129,771.20
	\$ 8,895.47	\$ 9,340.93	\$ 9,808.93	\$ 10,299.47	\$ 10,814.27
	\$ 4,105.60	\$ 4,311.20	\$ 4,527.20	\$ 4,753.60	\$ 4,991.20
	\$ 51.32	\$ 53.89	\$ 56.59	\$ 59.42	\$ 62.39
74	\$ 109,449.60	\$ 114,899.20	\$ 120,660.80	\$ 126,692.80	\$ 132,995.20
	\$ 9,120.80	\$ 9,574.93	\$ 10,055.07	\$ 10,557.73	\$ 11,082.93
	\$ 4,209.60	\$ 4,419.20	\$ 4,640.80	\$ 4,872.80	\$ 5,115.20
	\$ 52.62	\$ 55.24	\$ 58.01	\$ 60.91	\$ 63.94
75	\$ 112,091.20	\$ 117,707.20	\$ 123,593.60	\$ 129,771.20	\$ 136,260.80
	\$ 9,340.93	\$ 9,808.93	\$ 10,299.47	\$ 10,814.27	\$ 11,355.07
	\$ 4,311.20	\$ 4,527.20	\$ 4,753.60	\$ 4,991.20	\$ 5,240.80
	\$ 53.89	\$ 56.59	\$ 59.42	\$ 62.39	\$ 65.51
76	\$ 114,899.20	\$ 120,660.80	\$ 126,692.80	\$ 132,995.20	\$ 139,672.00
	\$ 9,574.93	\$ 10,055.07	\$ 10,557.73	\$ 11,082.93	\$ 11,639.33
	\$ 4,419.20	\$ 4,640.80	\$ 4,872.80	\$ 5,115.20	\$ 5,372.00
	\$ 55.24	\$ 58.01	\$ 60.91	\$ 63.94	\$ 67.15
77	\$ 117,707.20	\$ 123,593.60	\$ 129,771.20	\$ 136,260.80	\$ 143,083.20
	\$ 9,808.93	\$ 10,299.47	\$ 10,814.27	\$ 11,355.07	\$ 11,923.60
	\$ 4,527.20	\$ 4,753.60	\$ 4,991.20	\$ 5,240.80	\$ 5,503.20
	\$ 56.59	\$ 59.42	\$ 62.39	\$ 65.51	\$ 68.79
78	\$ 120,660.80	\$ 126,692.80	\$ 132,995.20	\$ 139,672.00	\$ 146,660.80
	\$ 10,055.07	\$ 10,557.73	\$ 11,082.93	\$ 11,639.33	\$ 12,221.73
	\$ 4,640.80	\$ 4,872.80	\$ 5,115.20	\$ 5,372.00	\$ 5,640.80
	\$ 58.01	\$ 60.91	\$ 63.94	\$ 67.15	\$ 70.51
79	\$ 123,593.60	\$ 129,771.20	\$ 136,260.80	\$ 143,083.20	\$ 150,238.40
	\$ 10,299.47	\$ 10,814.27	\$ 11,355.07	\$ 11,923.60	\$ 12,519.87
	\$ 4,753.60	\$ 4,991.20	\$ 5,240.80	\$ 5,503.20	\$ 5,778.40
	\$ 59.42	\$ 62.39	\$ 65.51	\$ 68.79	\$ 72.23
80	\$ 126,692.80	\$ 132,995.20	\$ 139,672.00	\$ 146,660.80	\$ 153,982.40
	\$ 10,557.73	\$ 11,082.93	\$ 11,639.33	\$ 12,221.73	\$ 12,831.87
	\$ 4,872.80	\$ 5,115.20	\$ 5,372.00	\$ 5,640.80	\$ 5,922.40
	\$ 60.91	\$ 63.94	\$ 67.15	\$ 70.51	\$ 74.03

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

**ELK GROVE WATER DISTRICT**  
**Salary Schedule**  
**Annual, Monthly, Bi-Weekly & Hourly Wage**  
**As of July 1, 2020**

Grade	Step I	Step II	Step III	Step IV	Step V
81	\$ 129,771.20	\$ 136,260.80	\$ 143,083.20	\$ 150,238.40	\$ 157,747.20
	\$ 10,814.27	\$ 11,355.07	\$ 11,923.60	\$ 12,519.87	\$ 13,145.60
	\$ 4,991.20	\$ 5,240.80	\$ 5,503.20	\$ 5,778.40	\$ 6,067.20
	\$ 62.39	\$ 65.51	\$ 68.79	\$ 72.23	\$ 75.84
82	\$ 132,995.20	\$ 139,672.00	\$ 146,660.80	\$ 153,982.40	\$ 161,699.20
	\$ 11,082.93	\$ 11,639.33	\$ 12,221.73	\$ 12,831.87	\$ 13,474.93
	\$ 5,115.20	\$ 5,372.00	\$ 5,640.80	\$ 5,922.40	\$ 6,219.20
	\$ 63.94	\$ 67.15	\$ 70.51	\$ 74.03	\$ 77.74
83	\$ 136,260.80	\$ 143,083.20	\$ 150,238.40	\$ 157,747.20	\$ 165,609.60
	\$ 11,355.07	\$ 11,923.60	\$ 12,519.87	\$ 13,145.60	\$ 13,800.80
	\$ 5,240.80	\$ 5,503.20	\$ 5,778.40	\$ 6,067.20	\$ 6,369.60
	\$ 65.51	\$ 68.79	\$ 72.23	\$ 75.84	\$ 79.62
84	\$ 139,672.00	\$ 146,660.80	\$ 153,982.40	\$ 161,699.20	\$ 169,769.60
	\$ 11,639.33	\$ 12,221.73	\$ 12,831.87	\$ 13,474.93	\$ 14,147.47
	\$ 5,372.00	\$ 5,640.80	\$ 5,922.40	\$ 6,219.20	\$ 6,529.60
	\$ 67.15	\$ 70.51	\$ 74.03	\$ 77.74	\$ 81.62
85	\$ 143,083.20	\$ 150,238.40	\$ 157,747.20	\$ 165,609.60	\$ 173,888.00
	\$ 11,923.60	\$ 12,519.87	\$ 13,145.60	\$ 13,800.80	\$ 14,490.67
	\$ 5,503.20	\$ 5,778.40	\$ 6,067.20	\$ 6,369.60	\$ 6,688.00
	\$ 68.79	\$ 72.23	\$ 75.84	\$ 79.62	\$ 83.60
86	\$ 146,660.80	\$ 153,982.40	\$ 161,699.20	\$ 169,769.60	\$ 178,256.00
	\$ 12,221.73	\$ 12,831.87	\$ 13,474.93	\$ 14,147.47	\$ 14,854.67
	\$ 5,640.80	\$ 5,922.40	\$ 6,219.20	\$ 6,529.60	\$ 6,856.00
	\$ 70.51	\$ 74.03	\$ 77.74	\$ 81.62	\$ 85.70
87	\$ 150,238.40	\$ 157,747.20	\$ 165,609.60	\$ 173,888.00	\$ 182,603.20
	\$ 12,519.87	\$ 13,145.60	\$ 13,800.80	\$ 14,490.67	\$ 15,216.93
	\$ 5,778.40	\$ 6,067.20	\$ 6,369.60	\$ 6,688.00	\$ 7,023.20
	\$ 72.23	\$ 75.84	\$ 79.62	\$ 83.60	\$ 87.79
88	\$ 153,982.40	\$ 161,699.20	\$ 169,769.60	\$ 178,256.00	\$ 187,158.40
	\$ 12,831.87	\$ 13,474.93	\$ 14,147.47	\$ 14,854.67	\$ 15,596.53
	\$ 5,922.40	\$ 6,219.20	\$ 6,529.60	\$ 6,856.00	\$ 7,198.40
	\$ 74.03	\$ 77.74	\$ 81.62	\$ 85.70	\$ 89.98
89	\$ 157,747.20	\$ 165,609.60	\$ 173,888.00	\$ 182,603.20	\$ 191,734.40
	\$ 13,145.60	\$ 13,800.80	\$ 14,490.67	\$ 15,216.93	\$ 15,977.87
	\$ 6,067.20	\$ 6,369.60	\$ 6,688.00	\$ 7,023.20	\$ 7,374.40
	\$ 75.84	\$ 79.62	\$ 83.60	\$ 87.79	\$ 92.18
90	\$ 161,699.20	\$ 169,769.60	\$ 178,256.00	\$ 187,158.40	\$ 196,539.20
	\$ 13,474.93	\$ 14,147.47	\$ 14,854.67	\$ 15,596.53	\$ 16,378.27
	\$ 6,219.20	\$ 6,529.60	\$ 6,856.00	\$ 7,198.40	\$ 7,559.20
	\$ 77.74	\$ 81.62	\$ 85.70	\$ 89.98	\$ 94.49

**ELK GROVE WATER DISTRICT**  
**General Manager Salary**  
Annual, Monthly, Bi-Weekly & Hourly Wage  
As of July 1, 2020

General Manager	
GM	\$ 205,567
	\$ 17,131
	\$ 7,906
	\$ 98.83

DRAFT

## ACRONYMS & GLOSSARY OF TERMS

### A

**Account** – A category that identifies the justification of the transaction of funds received or paid.

**Account Balance** – The difference in dollars between the total debits and the total credits in an account.

**Accrual Basis of Accounting** – A basis of accounting under which increases and decreases in economic resources are recognized as soon as the underlying event or transaction occurs. Revenues are recognized when earned and expenses are recognized when incurred, regardless of the timing of related cash flows.

**Accrual** – The recognition of a revenue or expense in a current period even though the actual cash may not be received or paid until a following period.

**Acre-foot of Water** – The volume of water that covers one acre to a depth of one foot; 43,560 cubic feet; 1,233.5 cubic meters; 325,872 gallons.

**Actual** – The final audited revenue / expenditure results of operations for the fiscal year indicated.

**ACWA** – Association of California Water Agencies.

**AICPA** – American Institute of Certified Public Accountants.

**Amortization** – Gradual reduction, redemption, or liquidation of the balance of an account according to a specified times and amounts.

**Assets** – Resources owned or held by EGWD/FRCO which have monetary value.

**Audit** – An examination of the books and records of EGWD/FRCO to determine financial status and results of operations (excess or loss).

**AWWA** – American Water Works Association.

### B

**Backflow** – The backing up of water through a conduit or channel in the direction opposite to normal flow.

**BMPs** – Best Management Practices.

**Board of Directors** – The EGWD/FRCO is governed by a Board, the members of which are elected by the voters within the FRCO boundaries. The Board sets policy and provides overall leadership for EGWD/FRCO including the mission, goals, priorities and resource allocation.

**Bond Issuance Costs** – The costs incurred by the bond issuer during the planning, marketing and sale of a bond issue.

**Budget Calendar** – The schedule of key dates or milestones which the EGWD follows in the preparation, adoption, and administration of the budget.

**Budgetary Control** - The control of management in accordance with the approved budget to keep expenditures within the limitations of available appropriations and available revenues.

**Elk Grove Water District**  
**Fiscal Year 2020-21 Operating Budget**

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**C**

**CAC** – Community Advisory Committee.

**CalPERS** – California Public Employees Retirement System.

**Capital Equipment (Assets)** – Fixed assets such as vehicles, computers, equipment, technical instruments, etc., which have a life expectancy of more than one year and a value over \$5,000.

**Cash Flows** – The movement of cash in and out of the EGWD from day-to-day activities.

**Cash Management** – The management of cash flows in such a way that interest and penalties paid are minimized and interest earned is maximized. Funds received are deposited on the day of receipt and invested as soon as the funds are available. The EGWD maximizes the return on all funds available for investment without sacrifice of safety or necessary liquidity.

**CCF** – Centum cubic feet.

**CCR** – Consumer Confidence Report.

**CIP** – Capital Improvement Program.

**COLA** – Cost of Living Adjustment.

**CMTA** – California Municipal Treasurer’s Association.

**Consumer Price Index (CPI)** – A statistical description of price levels provided by the U.S. Department of Labor. The index is used as a measure of the increase in the cost of living or doing business (i.e. economic inflation).

**CSDA** – California Special Districts Association.

**CSR** – Customer Service Representative.

**CSMFO** – California Society of Municipal Finance Officers.

**Current Assets** – Cash plus assets that are expected to be converted to cash, sold or consumed during the next 12 months or as a part of the normal operating cycle.

**Current Liabilities** – Obligations that will become due within the next year or within the normal operating cycle, if longer than a year.

**D**

**Debt** – An obligation resulting from the borrowing of money or from the purchase of goods and services. These include bonds and accounts payable.

**Debt Service** – The payment of principal and interest on any short-term and long-term debt.

**Debt Service Requirements** – The amount of money required to pay interest and principal on outstanding debt.

**Depreciation** – The allocation of the acquisition cost of plant, property and equipment to the particular periods or products that benefit from the utilization of the asset in service.

**E**

**Easement** – An acquired legal right to the use of land owned by others.

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**Fiscal Year 2020-21 Operating Budget**

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**ECCP** – Employee Cost Control Program.

**EGWD** – Elk Grove Water District.

**Enterprise Fund** – A fund established to account for the operation of self-supporting enterprises.

**Expenditures** – A decrease in net financial resources, actual payment for goods and services received.

## **F**

**Financial Statement** – A set of summary documents which pertain to financial information that consist of the following: Balance Sheet or Combining Schedule of Net Assets, Income Statement or Combining Schedule of Revenues and Expenses, Statement of Cash Flows, Notes of Financial Statements and, in the EGWD's case, various Supplements, Schedules, etc.

**Fiscal Policy** – The EGWD's policies with respect to revenues, spending, and debt management as these relate to services, programs and capital investment.

**Fixed Assets** – Long-term tangible assets that have a normal use expectancy of more than one year and do not lose their individual identity through use. Fixed assets include primarily buildings, equipment, and land.

**FRCD** – Florin Resource Conservation District.

**FTE** – Full Time Equivalent.

**Fund** – A fiscal and accounting entity with a self-balancing set of accounts in which cash and other financial resources, all related liabilities and residual equities, or balances and changes therein, are recorded and segregated to carry on specific activities or attain certain objectives in accordance with special regulations, restrictions or limitations.

**Fund Balance** – The cumulative difference of all revenues and all expenditures of the fund from the time the EGWD was established. Fund balance is also considered to be the difference between fund assets and fund liabilities and is sometimes referred to as "fund equity" at any given point in time.

## **G**

**Generally Accepted Accounting Principles (GAAP)** – Uniform minimum standards of, and guidelines for, external financial accounting and reporting. They govern the form and content of the basic financial statements of an entity. GAAP encompasses the conventions, rules, and procedures necessary to define accepted accounting practices at a particular time. They include not only broad guidelines of general application, but also detailed practices and procedures. GAAP provides a standard by which to measure financial presentations. The primary authoritative statement on the application of GAAP to state and local governments is Government Accounting Standards Board (GASB) pronouncements.

**Geographic Information System (GIS)** – An organized collection of computer hardware, software and geographic data designed to efficiently capture, store, update, manipulate, analyze, and display all forms of geographically referenced information.

**Goals** – General statements of desired state, condition, or situation to be achieved, which may be viewed from a short or long-term perspective.

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**Governmental Accounting Standards Board (GASB)** – Their mission is to establish and improve standards of state and local governmental accounting and financial reporting that will result in useful information for users of financial reports.

**Governmental Finance Officers of America (GFOA)** – Their purpose is to enhance and promote the professional management of governments for the public benefit. The GFOA accomplishes this mission by identifying and developing financial policies and practices and promoting them through education, training and leadership.

**Groundwater** – Water produced by pumping from underground.

**H**

**I**

**Independent Auditor** – External public accounting firm hired to audit the annual financial statements and express an opinion on those statements as to conformity with generally accepted accounting principles.

**Infrastructure** – EGWD owned capital assets that provide services to the ratepayers.

**Internal Control** – Methods and procedures that are primarily concerned with the authorization of transactions, safeguarding of assets, and accuracy of the financial records.

**Inventories** – Items held for future use.

**Investment Income** – Income derived by investing certain fund balance in interest-yielding securities in compliance with the provisions of the EGWD’s Investment policy.

**J**

**K**

**L**

**Liabilities** – Obligations incurred in past or current transactions requiring present or future settlement.

**Long-Term Debt** – Debt with a maturity of more than one year after the date of issuance.

**M**

**Meter** – An instrument of measuring the flow of water.

**MGD** – Million gallons per day.

**Mid-Year Review** – Midway through the fiscal year the current year budget is evaluated based on spending to date and current projections. The primary areas reviewed and analyzed are year-to-date expenditure and revenue status plus expenditure and revenue projections for the remainder of the year.

**Modified Accrual Basis** – The accrual basis of accounting adapted to the governmental fund type. Revenues are recognized when they become both “measurable” and “available to finance expenditures of the current period.” Expenditures are recognized when the liability is incurred except on long-term debt which is recognized when due.



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**N**

**Notes Payable** – Long or short-term obligations that are payable according to a contract or agreement in which the timeframe is executed.

**NSF** – Non-sufficient funds.

**O**

**Objective** – A statement of purpose defined more specifically than goals, defining the result-oriented activities necessary to achieve a stated goal.

**Obligation** – Amounts which the EGWD may be legally required to meet out of its resources and includes not only actual liabilities, but also encumbrances not yet paid.

**OPEB** – Other Post Employment Benefit.

**Operating Expense** – All costs required for the daily operation of the EGWD necessary to provide services and maintain the systems in good operating condition that are not considered capital improvements or debt repayments.

**Overtime** – Hours worked in excess of 40 hours per work week or hours worked in excess of those scheduled in a shift.

**P**

**Projected** – An estimate of revenues or expenditures based on past trends, the present economic situation and future financial forecasts.

**PTO** – Personal time off.

**Q**

**R**

**Ratepayers**– Those being provided with water service by Elk Grove Water District.

**Refunding Bonds** – Bonds issued to retire bonds already outstanding.

**Reimbursements** – Payment made to someone for out-of-pocket expenses incurred.

**Reserves** – An account used to indicate that a portion of a fund’s assets are restricted for a specific purpose.

**Revenue** – An inflow of assets in exchange for services.

**Revenue Bonds** – Municipal bonds that finance income-producing projects and are secured by a specific revenue source.

**Risk Management** – A coordinated effort to minimize costs – typically where insurance policies are purchased to manage the EGWD’s exposure to various risks of loss; Workers’ Compensation; theft of, damage to, and destruction of assets, errors and omissions; injuries to employees; and natural disasters.

**RRWTF** – Railroad Water Treatment Facility.

**RWA** – Regional Water Authority.

**S**

**SCADA System** – “*Supervisory Control and Data Acquisition*” System. The computer system that collects data, processes the data and allows operating personnel to take corrective actions.

**SCGA** – Sacramento Central Groundwater Authority.

**SCWA** – Sacramento County Water Agency.

**SOP** – Standard operating procedures.

**T**

**Treated Water** – Water which has been processed through the EGWD’s water treatment plant(s) or imported from other utilities to supplement the EGWD’s water supplies.

**U**

**V**

**Variance** – The dollar and/or percentage difference between two sets of figures.

**VFD** – Variable frequency drive.

**VTO** – Vacation time off.

**W**

**Water Conservation** – Reducing the demand for water through activities that alter water use practices, e.g., improving efficiency in water use, and reducing losses of water from leaks.

**Water Quality** – The chemical, physical and biological characteristics of water with respect to its suitability for a particular purpose. The same water may be of good quality for one purpose or use, and bad for another, depending on its characteristics and the requirements for the particular use.

**Well** – A vertical drilled hole into an underground formation, usually to obtain a source of water, to monitor ground water quality or to determine the position of the water table.

**WDO** – Water Distribution Operator.

**X**

**Y**

**Z**

May 19, 2020

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Bruce M. Kamilos, Assistant General Manager

SUBJECT: **ELK GROVE WATER DISTRICT FISCAL YEAR 2021-25 CAPITAL IMPROVEMENT PROGRAM**

## **RECOMMENDATION**

It is recommended that the Florin Resource Conservation District Board of Directors adopt Resolution No. 05.19.20.01, approving the Elk Grove Water District Fiscal Year 2021-25 Capital Improvement Program and the appropriation of \$1,430,000 from designated reserve funds to the Fiscal Year 2020-21 Capital Improvement Program budget.

## **SUMMARY**

The Fiscal Year (FY) 2021-25 Capital Improvement Program (CIP) describes capital improvement projects planned by the Elk Grove Water District (EGWD) over the next five (5) fiscal years. Staff presented the FY 2021-25 CIP at the Infrastructure Committee (IC) meeting held on April 8, 2020. Revisions to the CIP have been made based on comments from that meeting. The final version of the FY 2021-25 CIP (attached) is being presented to the Florin Resource Conservation District (FRCD) Board of Directors (Board) for consideration.

By this action, if approved, the Board will adopt Resolution No. 05.19.20.01, approving the Elk Grove Water District Fiscal Year 2021-25 Capital Improvement Program and the appropriation of \$1,430,000 from designated reserve funds to the Fiscal Year 2020-21 Capital Improvement Program budget.

## **DISCUSSION**

### **Background**

The FY 2021-25 CIP describes capital improvement projects planned by EGWD over the next five (5) fiscal years. The CIP serves as a plan to improve, rehabilitate, and replace EGWD's water system infrastructure, and other facilities owned and operated by the EGWD. Staff presented the FY 2021-25 CIP to the IC on April 8, 2020. Revisions to the CIP have been made based on comments from that meeting. One (1) change that will be reserved for next year's CIP will be to list the projects in Table 1 by order of priority.

### **Present Situation**

The following is a summary of notable changes to this year's CIP.

## **ELK GROVE WATER DISTRICT FISCAL YEAR 2021-25 CAPITAL IMPROVEMENT PROGRAM**

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Page 2

- The Water Meter Replacement Program has been eliminated from the CIP because water meters are not a capitalized expense. EGWD will continue to replace water meters on an as-needed basis and expense the costs against the operating budget.
- Unspent FY 2019-20 capital funds in the amount of approximately \$700,000 for the Backyard Water Mains/Services Replacement project have been carried over and added to FY 2020-21.

### New Projects

- Service Line Replacements (This project is finished and has been re-added to the CIP list to repave, to City standards, the numerous patched potholes left over from the project.)
- Media Replacement – RRWTP Filter Vessels
- Media Replacement – HVWTP Filter Vessels
- PLC/MCC Bucket Replacement (Wells 4D & 11D)
- Security Cameras
- ChlorTec Electrolytic Cells Replacement
- ChlorTec Controls & Rectifier Replacement
- Pavement Repair & Seal Coat – RRWTP
- Pavement Repair & Seal Coat – HVWTP
- Vacuum Excavator
- Backhoe Loader

The final version of the FY 2021-25 CIP is being presented to the Board for consideration. Although the FY 2021-25 CIP is a five-year program, the CIP is funded on a year-to-year basis therefore an appropriation of \$1,430,000 is being requested from designated reserve funds to the FY 2020-21 CIP budget.

Staff recommends the Board adopt Resolution No. 05.19.20.01, approving the Elk Grove Water District Fiscal Year 2021-25 Capital Improvement Program and the appropriation of \$1,430,000 from designated reserve funds to the Fiscal Year 2020-21 Capital Improvement Program budget.

**ELK GROVE WATER DISTRICT FISCAL YEAR 2021-25 CAPITAL IMPROVEMENT PROGRAM**

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**ENVIRONMENTAL CONSIDERATIONS**

The adoption of the FY 2021-25 CIP does not in and of itself have a physical effect on the environment. Any environmental considerations related to the projects contained in the FY 2021-25 CIP will be addressed in the future, consistent with California Environmental Quality Act (CEQA). Environmental considerations will be addressed when staff reports are taken to the Board requesting authorization to proceed on each project.

**STRATEGIC PLAN CONFORMITY**

The recommendation made in this staff report conforms to Goal 2, Fiscal Responsibility, of the FRCD/EGWD 2020-2025 Strategic Plan. An approved CIP that guides how capital money will be spent is key to operating with fiscal responsibility and balancing the annual budget.

**FINANCIAL SUMMARY**

The financial impact of the FY 2021-25 CIP on capital funds is \$7,589,000 over five (5) fiscal years. A breakdown by year of capital funds required is as follows:

FY 2019-20 Carryover	\$ 700,000
FY 2020-21	\$1,430,000
FY 2021-22	\$2,048,000
FY 2022-23	\$1,125,000
FY 2023-24	\$1,184,000
<u>FY 2024-25</u>	<u>\$1,102,000</u>
Total	\$7,589,000

To fund the FY 2021-25 CIP would require an appropriation of \$1,430,000 from designated reserves to the FY 2020-21 CIP budget.

Respectfully submitted,



BRUCE M. KAMILOS  
ASSISTANT GENERAL MANAGER

Attachment

**RESOLUTION NO. 05.19.20.01**

**A RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS APPROVING THE ELK GROVE WATER DISTRICT FISCAL YEAR 2021-25 CAPITAL IMPROVEMENT PROGRAM THE APPROPRIATION OF \$1,430,000 FROM DESIGNATED RESERVE FUNDS TO THE FISCAL YEAR 2020-21 CAPITAL IMPROVEMENT PROGRAM BUDGET**

**WHEREAS**, the Florin Resource Conservation District (District) is a Resource Conservation District organized pursuant to Division 9 of the California Public Resources Code, Sections 9001, et seq. (Resource Conservation Law); and

**WHEREAS**, the District is formed for the purposes delineated in the Public Resources Code Section 9001 and all things necessary to carry out the provisions of the Resource Conservation Law and adopted District Bylaws; and

**WHEREAS**, the Elk Grove Water District Fiscal Year 2021-25 Capital Improvement Program (hereinafter, EGWD FY 2021-25 CIP) was presented to the Infrastructure Committee on April 8, 2020 for review; and

**WHEREAS**, comments from the Infrastructure Committee have been incorporated into the final version of the EGWD FY 2021-25 CIP; and

**WHEREAS**, the adoption of the EGWD FY 2021-25 CIP does not in and of itself have a physical effect on the environment. Any environmental considerations related to the projects contained in the EGWD FY 2021-25 CIP will be addressed in the future, consistent with the California Environmental Quality Act (CEQA); and

**WHEREAS**, the adoption of the EGWD FY 2021-25 CIP conforms to Goal No. 2, Fiscal Responsibility, of the Florin Resource Conservation District/Elk Grove Water District's 2020-2025 Strategic Plan; and

**WHEREAS**, the financial impact of the EGWD FY 2021-25 CIP on capital funds is \$7,589,000 over the next five fiscal years, the actual commitment of CIP funds is done on a year-to-year basis with \$1,430,000 being requested for the FY 2020-21 Capital Improvement Program.

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

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

SECTION 2. The Board of Directors hereby adopts Resolution No. 05.19.20.01, approving the Elk Grove Water District Fiscal Year 2021-25 Capital Improvement Program, attached hereto as Exhibit "A", and the appropriation of \$1,430,000 from designated reserve funds to the Fiscal Year 2020-21 Capital Improvement Program budget.

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

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

**PASSED, APPROVED AND ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2020.

**AYES:**

**NOES:**

**ABSENT:**

**ABSTAIN:**

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Tom Nelson  
Chair

ATTEST:

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Stefani Phillips  
Board Secretary

APPROVED AS TO FORM:

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Ren Nosky  
General Counsel

**EXHIBIT “A”**

**“ELK GROVE WATER DISTRICT  
FY 2021-25 CAPITAL IMPROVEMENT PROGRAM”**

[Attached behind this cover page]





# FY 2021-25 CAPITAL IMPROVEMENT PROGRAM

## BOARD OF DIRECTORS

Tom Nelson, Chair

Bob Gray, Vice Chair

Lisa Medina, Director

Sophia Scherman, Director

Elliot Mulberg, Director



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## OVERVIEW

The Elk Grove Water District's (District) FY 2021-25 Five-Year Capital Improvement Program (CIP) is a projection of the District's capital funding for planned capital projects in fiscal years 2020/21 through 2024/25. The CIP is reviewed and updated on an annual basis, and is a key component of the District's overall Strategic Plan. The CIP is an important document for performing water rate studies and for managing the District's operations. The CIP also provides a basis to align District plans with other local agency plans so that an integrated approach may be applied to projects within the community at large.

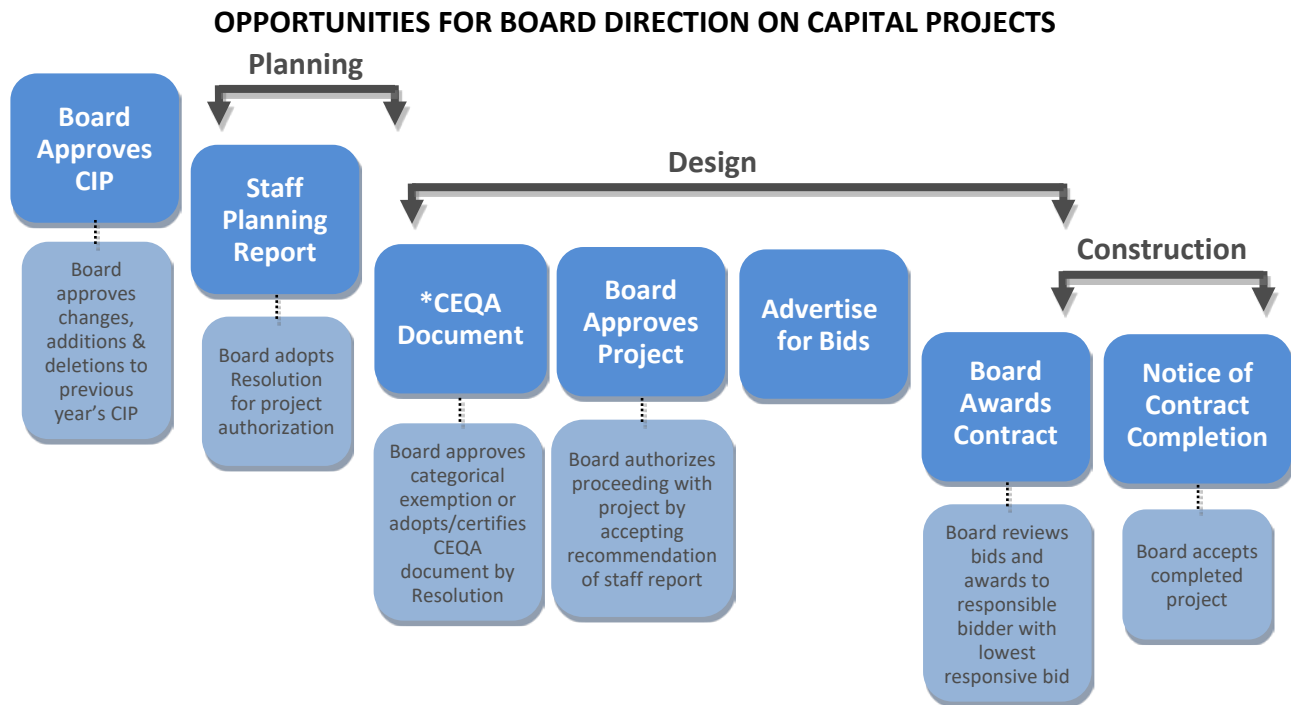
Annually, District staff members and the General Manager meet to identify projects to be included in the CIP. Each project defined in the CIP is summarized by a brief project description and justification. The project location, timing, expenditure schedule, funding source, impact on operating costs and useful life are given for each project. After the CIP is updated, the General Manager reviews the CIP to ensure proposed projects are aligned with the District's Strategic Plan. The CIP is developed in parallel with the District's budget and water rate setting analyses. The General Manager reviews the CIP's proposed expenditure schedule and funding sources to ensure that the CIP's financial elements are consistent with the District's financial policies.

The Board has opportunities each year to provide direction on projects contained in the CIP. During the year, the CIP is presented to the Board on separate occasions for review and input. The Board's comments and direction are incorporated into a draft CIP. The draft CIP is reviewed and accepted by the Board prior to releasing the CIP for public view.

Each project in the CIP goes through a planning phase, design phase and construction phase. At the beginning of the design phase, the environmental impacts relevant to the California Environmental Quality Act (CEQA) are determined for the project. For smaller projects with little or no impact on the environment, the lead agency may declare a negative declaration for the project or deem it exempt from CEQA. In these cases, project-specific information from the planning phase and requirements related to CEQA may be combined and summarized in a single staff report. This approach will help expedite the project schedule.

The Board may determine to not implement a project based on various considerations such as financial constraints, environmental impacts or community desire during a project's planning or design phases. Approval of a capital project by the Board occurs near the end of the design phase when the Board approves proceeding with contract document preparation per the recommendation of a staff report. Figure 1 schematically summarizes the opportunities for Board direction on capital projects.

**FIGURE 1**



*\*For smaller projects that have a negative declaration or are exempt, CEQA determination may be included in the staff planning report to expedite the project schedule.*

Principal sources of revenue for the District come from water usage charges and developer connection fees. These revenues are organized into four fund sources – unrestricted reserves, capital improvements, capital repairs/replacements, elections and special studies. The CIP allocates the use of funds related only to capital improvements and capital repairs/replacements.

On the following page, Table 1 presents the project funding schedule of capital improvements for fiscal years 2020/21 through 2024/25. Each project was scored on a score sheet using priority ranking criteria. (All of the score sheets are provided in Appendix B.) A project priority list (Appendix A) was generated based on the priority scores from the score sheets. Projects with a priority score of 80-100 were assigned a priority 1. Projects with a priority score of 70-79 were assigned a priority 2. Projects with a priority score of 60-69 were assigned a priority 3. Projects with a priority score of 40-59 were assigned a priority 4. Projects with a priority score of 0-39 were assigned a priority 5. Detailed information for each project can be found starting on page 10 of this document. The detailed information for each project is presented in the same order as that in Table 1.

**Table 1**  
**5-Year CIP Summary** (in thousands \$)

Priority	PROJECT NAME	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	Total
<b>SUPPLY / DISTRIBUTION IMPROVEMENTS</b>							
2	Truman St./Adams St. Water Main <i>pg. 10</i>	-	116	125	-	-	241
2	School/Locust/Summit Alley Water Main <i>pg. 12</i>	-	499	-	-	-	499
2	Elk Grove Blvd Grove St. Alley Water Main <i>pg. 14</i>	-	-	215	-	-	215
2	Locust St.-Elk Grove Blvd Alley/Derr St. Water Main <i>pg. 16</i>	-	-	215	-	-	215
3	Lark St. Water Main <i>pg. 18</i>	-	-	-	234	-	234
2	Grove St. Water Main <i>pg. 20</i>	-	-	290	-	-	290
1	Well Rehabilitation Program <i>pg. 22</i>	120	124	-	131	-	375
3	Railroad Corridor Water Line <i>pg. 24</i>	-	-	-	-	137	137
2	Backyard Water Mains/Services Replacement <i>pg. 26</i>	675	720	-	-	-	1,395
4	Cadura Circle Water Main Looping <i>pg. 28</i>	-	32	-	-	-	32
4	Kilkenny Ct. Water Main <i>pg. 30</i>	-	-	-	141	-	141
4	Leo Virgo Ct. Water Main <i>pg. 32</i>	-	-	-	141	-	141
3	2nd Ave. Water Main <i>pg. 34</i>	-	122	-	-	-	122
4	Plaza Park Dr. Water Main <i>pg. 36</i>	-	-	-	-	506	506
4	Durango Wy. Water Main <i>pg. 38</i>	-	-	-	237	-	237
4	Aizenberg Cir. Water Main Looping <i>pg. 40</i>	-	-	-	-	79	79
2	Service Line Replacements <i>pg. 42</i>	140	-	-	-	-	140
<b>TREATMENT IMPROVEMENTS</b>							
2	Chlorine Analyzers Shallow Wells <i>pg. 44</i>	75	-	-	-	-	75
2	Media Replacement - RRWTP Filter Vessels <i>pg. 46</i>	-	-	60	-	-	60
2	Media Replacement - HVWTP Filter Vessels <i>pg. 48</i>	-	-	-	-	60	60
1	PLC/MCC Bucket Replacement (Wells 4D & 11D) <i>pg. 50</i>	50	-	-	-	-	50
2	PLC - RRWTP Main & Filter Panel <i>pg. 52</i>	-	-	-	-	60	60
2	Security Cameras <i>pg. 54</i>	25	-	-	-	-	25
2	ChlorTec Electrolytic Cells Replacement <i>pg. 56</i>	-	-	-	-	15	15
2	ChlorTec Controls & Rectifier Replacement <i>pg. 58</i>	-	-	-	70	-	70
<b>BUILDING &amp; SITE IMPROVEMENTS / VEHICLES</b>							
3	Truck Replacements <i>pg. 60</i>	135	150	120	130	145	680
3	Pavement Repair & Seal Coat - RRWTP <i>pg. 62</i>	-	25	-	-	-	25
3	Pavement Repair & Seal Coat - HVWTP <i>pg. 64</i>	10	-	-	-	-	10
2	Vacuum Excavator <i>pg. 66</i>	100	-	-	-	-	100
2	Backhoe Loader <i>pg. 68</i>	-	160	-	-	-	160
<b>UNFORESEEN CAPITAL PROJECTS</b>							
	Unforeseen Capital Projects <i>pg. 70</i>	100	100	100	100	100	500
<b>SUBTOTAL</b>		<b>1,430</b>	<b>2,048</b>	<b>1,125</b>	<b>1,184</b>	<b>1,102</b>	<b>6,889</b>
	Estimated CIP Carryover (Backyard Water Mains)	700	-	-	-	-	700
<b>TOTAL CAPITAL IMPROVEMENT BUDGET</b>		<b>2,130</b>	<b>2,048</b>	<b>1,125</b>	<b>1,184</b>	<b>1,102</b>	<b>7,589</b>

Table 2 and Table 3 separate the funding source requirements into two components – user fees, and connection fees. The relevance of separating the funding source requirements into two components is critical when performing water rate studies. Water rate studies determine how capital improvements will be funded – either through rates charged to existing users (user fees), or through fees collected from new users (connection fees). On the next pages, Tables 4A through 4G provide supporting data for Table 2. Tables 4A through 4G break down **user fees** by funding sources and capital improvement programs. Tables 5A and 5B provide supporting data for Table 3. Tables 5A and 5B break down **connection fees** by capital improvement programs.

Table 2  
Funding Source Requirements  
User Fees

FUND	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	Total
<b>CAPITAL IMPROVEMENT FUNDS</b>						
Supply/Distribution Improvements	140	32	-	-	216	388
Treatment Improvements	100	-	-	-	-	100
Building & Site Improvements/Vehicles	235	310	120	130	145	940
SUB-TOTAL	475	342	120	130	361	1,428
<b>CAPITAL REPAIR/REPLACEMENT FUNDS</b>						
Supply/Distribution Improvements	795	1,581	845	884	506	4,611
Treatment Improvements	50	-	60	70	135	315
Building & Site Improvements/Vehicles	10	25	-	-	-	35
SUB-TOTAL	855	1,606	905	954	641	4,961
<b>UNFORESEEN CAPITAL PROJECT FUNDS</b>						
Unforeseen Capital Projects	100	100	100	100	100	500
SUB-TOTAL	100	100	100	100	100	500
<b>TOTAL</b>	<b>1,430</b>	<b>2,048</b>	<b>1,125</b>	<b>1,184</b>	<b>1,102</b>	<b>6,889</b>

Table 3  
Funding Source Requirements  
Connection Fees

FUND	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	Total
<b>CAPITAL IMPROVEMENT FUNDS</b>						
Supply/Distribution Improvements	-	-	-	-	-	0
Treatment Improvements	-	-	-	-	-	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



Table 4A  
 Schedule of User Fees  
 Supply / Distribution Improvements  
 Capital Improvement Funds

CAPITAL IMPROVEMENT FUND	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	Total
<b>SUPPLY / DISTRIBUTION IMPROVEMENTS</b>						
Railroad Corridor Water Line	-	-	-	-	137	137
Cadura Circle Water Main Looping	-	32	-	-	-	32
Aizenberg Cir. Water Main Looping	-	-	-	-	79	79
Service Line Replacements	140	-	-	-	-	140
<b>TOTAL</b>	<b>140</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>216</b>	<b>388</b>

Table 4B  
 Schedule of User Fees  
 Treatment Improvements  
 Capital Improvement Funds

CAPITAL IMPROVEMENT FUND	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	Total
<b>TREATMENT IMPROVEMENTS</b>						
Chlorine Analyzers Shallow Wells	75	-	-	-	-	75
Security Cameras	25	-	-	-	-	25
<b>TOTAL</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>

Table 4C  
 Schedule of User Fees  
 Building & Site Improvements/Vehicles  
 Capital Improvement Funds

CAPITAL IMPROVEMENT FUND	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	Total
<b>BUILDING &amp; SITE IMPROVEMENTS</b>						
Truck Replacements	135	150	120	130	145	680
Vacuum Excavator	100	-	-	-	-	100
Backhoe Loader	-	160	-	-	-	160
<b>TOTAL</b>	<b>235</b>	<b>310</b>	<b>120</b>	<b>130</b>	<b>145</b>	<b>940</b>

Table 4D  
 Schedule of User Fees  
 Supply / Distribution Improvements  
 Capital Repair/Replacement Funds

CAPITAL REPAIR/REPLACEMENT	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	Total
<b>SUPPLY / DISTRIBUTION IMPROVEMENTS</b>						
Truman St./Adams St. Water Main	-	116	125	-	-	241
School/Locust/Summit Alley Water Main	-	499	-	-	-	499
Elk Grove Blvd Grove St. Alley Water Main	-	-	215	-	-	215
Locust St.-Elk Grove Blvd Alley/Derr St. Water M	-	-	215	-	-	215
Lark St. Water Main	-	-	-	234	-	234
Grove St. Water Main	-	-	290	-	-	290
Well Rehabilitation Program	120	124	-	131	-	375
Backyard Water Mains/Services Replacement	675	720	-	-	-	1395
Kilkenny Ct. Water Main	-	-	-	141	-	141
Leo Virgo Ct. Water Main	-	-	-	141	-	141
2nd Ave. Water Main	-	122	-	-	-	122
Plaza Park Dr. Water Main	-	-	-	-	506	506
Durango Wy. Water Main	-	-	-	237	-	237
<b>TOTAL</b>	<b>795</b>	<b>1,581</b>	<b>845</b>	<b>884</b>	<b>506</b>	<b>4,611</b>

Table 4E  
 Schedule of User Fees  
 Treatment Improvements  
 Capital Repair/Replacement Funds

CAPITAL REPAIR/REPLACEMENT	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	Total
<b>TREATMENT IMPROVEMENTS</b>						
Media Replacement - RRWTP Filter Vessels	-	-	60	-	-	60
Media Replacement - HVWTP Filter Vessels	-	-	-	-	60	60
PLC/MCC Bucket Replacement (Wells 4D & 11D)	50	-	-	-	-	50
PLC - RRWTP Main & Filter Panel	-	-	-	-	60	60
ChlorTec Electrolytic Cells Replacement	-	-	-	-	15	15
ChlorTec Controls & Rectifier Replacement	-	-	-	70	-	70
<b>TOTAL</b>	<b>50</b>	<b>0</b>	<b>60</b>	<b>70</b>	<b>135</b>	<b>315</b>

Table 4F  
 Schedule of User Fees  
 Building & Site Improvements/Vehicles  
 Capital Repair/Replacement Funds

CAPITAL REPAIR/REPLACEMENT	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	Total
<b>BUILDING &amp; SITE IMPROVEMENTS</b>						
Pavement Repair & Seal Coat - RRWTP	-	25	-	-	-	25
Pavement Repair & Seal Coat - HVWTP	10	-	-	-	-	10
<b>TOTAL</b>	<b>10</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>

Table 4G  
 Schedule of User Fees  
 Unforeseen Capital Projects  
 Unforeseen Capital Projects Funds

UNFORESEEN CAPITAL PROJECTS	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	Total
Unforeseen Capital Projects	100	100	100	100	100	500
TOTAL	100	100	100	100	100	500

Table 5A  
 Schedule of Connection Fees  
 Supply / Distribution Improvements

CAPITAL IMPROVEMENT FUND	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	Total
SUPPLY / DISTRIBUTION IMPROVEMENTS						
None	-	-	-	-	-	0
TOTAL	0	0	0	0	0	0

Table 5B  
 Schedule of Connection Fees  
 Treatment Improvements

CAPITAL IMPROVEMENT FUND		FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	Total
TREATMENT IMPROVEMENTS							
None		-	-	-	-	-	0
	TOTAL	0	0	0	0	0	0

<b>Project</b>	<b>Truman St./Adams St. Water Main</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



### PROJECT DESCRIPTION

This project installs approximately 700 lineal feet of 8" C900 PVC water main in Truman Street and 380 lineal feet of 8" C900 PVC water main in Adams Street for a total 1,025 lineal feet of 8" C900 PVC water main.

### JUSTIFICATION

Truman Street and Adams Street are currently served by 4" water mains installed in 1975. EGWD standard construction specifications specify minimum size of water mains to be 8" diameter. The lots on Truman Street and Adams Street are served by 3/4" service lines. This project installs an 8" water main in Truman Street and Adams Street to current EGWD standards and replaces the 3/4" service lines with 1" service lines. It also connects the water main in Adams Street to the existing water main in Eva Street to provide looped service.

### PROJECT LOCATION

The project is located on Truman Street and Adams Street.



★ Project Location

— Proposed Water Main

— Existing Water Main

**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 20/21 and construction is scheduled to occur in FY 21/22 and FY22/23.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Truman St./Adams St. Water Main	0	113	118	0	0	231
with inflation (3%)	0	116	125	0	0	241

*Expenditure breakdown: \$6,000 design, \$235,000 construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	241
<b>Total</b>	<b>241</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$300.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>School/Locust/Summit Alley Water Main</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

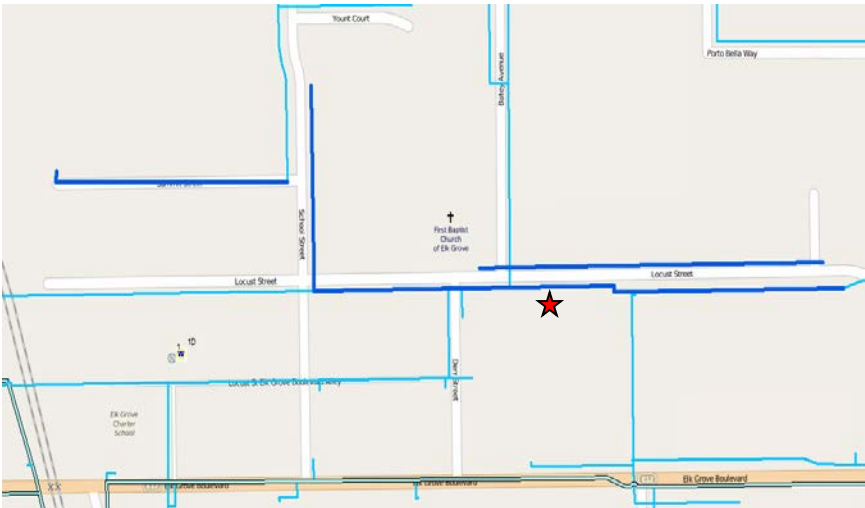
This project installs approximately 225 lineal feet of 8” C900 PVC water main in School Street, 1,300 lineal feet of 8” C900 PVC water main in Locust Street, and 625 lineal feet of 8” C900 PVC water main in Summit St. Alley for a total 2,150 lineal feet of 8” C900 PVC water main.

**JUSTIFICATION**

Locust Street is currently served by a 4” water main installed in 1965, and School Street and Summit St. Alley are currently served by 4” water mains installed in 1977. EGWD standard construction specifications specify minimum size of water mains to be 8” diameter. Also, the lots on School Street, Locust Street, and Summit St. Alley are served by 3/4” service lines. This project installs an 8” water main in School Street, Locust Street and Summit St. Alley to current EGWD standards and replaces the 3/4” service lines with 1” service lines.

**PROJECT LOCATION**

The project is located on School Street, Locust Street, and Summit Alley.



- ★ Project Location
- Proposed Water Main
- Existing Water Main

**SCHEDULE & STATUS**



Engineering is scheduled to occur in FY 20/21 and construction is scheduled to occur in FY 21/22.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
School/Locust/Summit Alley Water Main	0	484	0	0	0	484
with inflation (3%)	0	499	0	0	0	499

*Expenditure breakdown: \$9,000 design, \$490,000 construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	499
<b>Total</b>	<b>499</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$600.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Elk Grove Blvd Grove St. Alley Water Main</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

This project installs approximately 900 lineal feet of 8” C900 PVC water main in Elk Grove Blvd Grove St. Alley.

**JUSTIFICATION**

Elk Grove Blvd Grove St. Alley is currently served by a 4” water main installed in 1975. EGWD standard construction specifications specify minimum size of water mains to be 8” diameter. Also, the lots on Elk Grove Blvd Grove St. Alley are served by 3/4” service lines. This project installs an 8” water main in Elk Grove Blvd Grove St. Alley to current EGWD standards and replaces the 3/4” service lines with 1” service lines.

**PROJECT LOCATION**

The project is located on Elk Grove Blvd Grove St. Alley.



- ★ Project Location
- Proposed Water Main
- Existing Water Main

**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 21/22 and construction is scheduled to occur in FY 22/23.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Elk Grove Blvd/Grove St. Alley Water Main	0	0	203	0	0	203
with inflation (3%)	0	0	215	0	0	215

*Expenditure breakdown: \$7,500 design, \$207,500 construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	215
<b>Total</b>	<b>215</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$175.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Locust St.-Elk Grove Blvd Alley/Derr St. Water Main</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

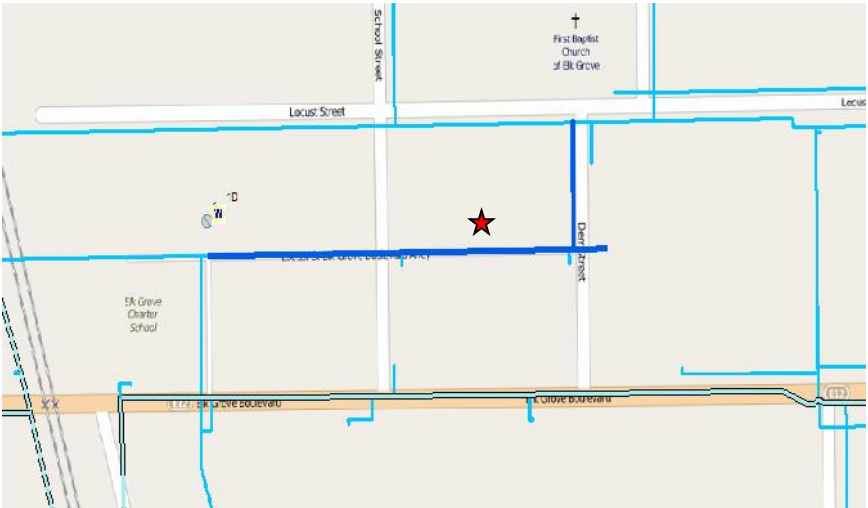
This project installs approximately 725 lineal feet of 8” C900 PVC water main in Locust St.-Elk Grove Blvd Alley and 175 lineal feet of 8” C900 PVC water main in Derr Street.

**JUSTIFICATION**

Locust St.-Elk Grove Blvd Alley and Derr Street are currently served by 4” water mains installed in 1965. EGWD standard construction specifications specify minimum size of water mains to be 8” diameter. Also, the lots on Locust St.-Elk Grove Blvd Alley are served by 3/4” service lines. This project installs an 8” water main in Locust St.-Elk Grove Blvd Alley and Derr Street to current EGWD standards and replaces the 3/4” service lines on Locust St. with 1” service lines.

**PROJECT LOCATION**

The project is located on Locust St.-Elk Grove Blvd Alley and Deer Street.



- ★ Project Location
- Proposed Water Main
- Existing Water Main

**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 21/22 and construction is scheduled to occur in FY 22/23.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Locust St.-Elk Grove Blvd Alley/Derr St. Water Main	0	0	203	0	0	203
with inflation (3%)	0	0	215	0	0	215

*Expenditure breakdown: \$7,500 design, \$207,500 construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	215
<b>Total</b>	<b>215</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$260.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Lark St. Water Main</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	3
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

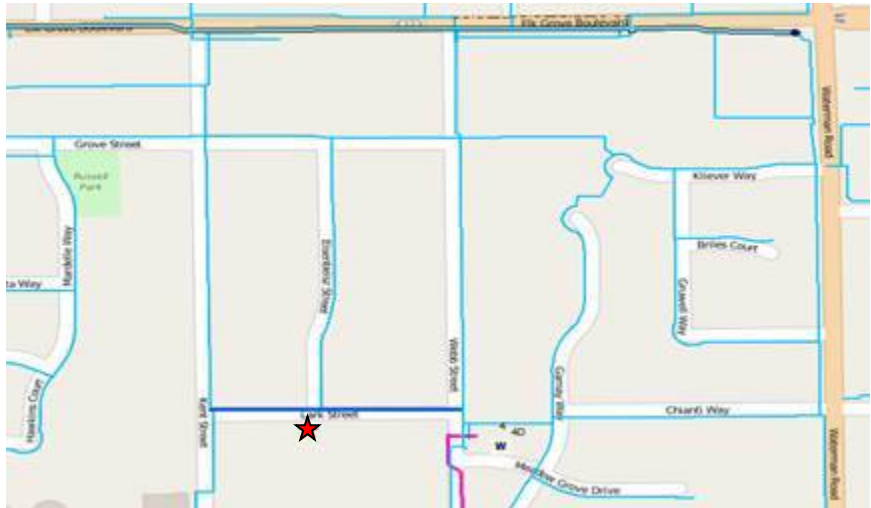
This project installs approximately 730 lineal feet of 8” C900 PVC water main in Lark Street and 250 lineal feet of 8” C900 PVC water main in Eisenbeisz Street.

**JUSTIFICATION**

Lark Street is currently served by a 6” water main installed in 1960 and a portion of Eisenbeisz Street is served by a 4” water main. The material of the Lark St. and Eisenbeisz Street water mains is asbestos-cement pipe (ACP). Repairs on the Lark St. water main in September 2015 revealed that the wall of the ACP is becoming soft from water absorption. Due to the deteriorating condition of the Lark Street pipe and the inadequate size of the Eisenbeisz Street pipe, the water mains will be replaced and brought up to current EGWD standard construction specifications. Six of the eighteen lots on Lark Street are served by 3/4” service lines. This project installs an 8” water main in Lark Street and a portion of Eisenbeisz Street and replaces the six (6) 3/4” service lines with 1” service lines.

**PROJECT LOCATION**

The project is located on Lark Street and Eisenbeisz Street.



- ★ Project Location
- Proposed Water Main
- Existing Water Main

**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 22/23 and construction is scheduled to occur in FY 23/24.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Lark St. Water Main	0	0	0	214	0	214
with inflation (3%)	0	0	0	234	0	234

*Expenditure breakdown: \$7,500 design, \$226,500 construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	234
<b>Total</b>	<b>234</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$300.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Grove St. Water Main</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

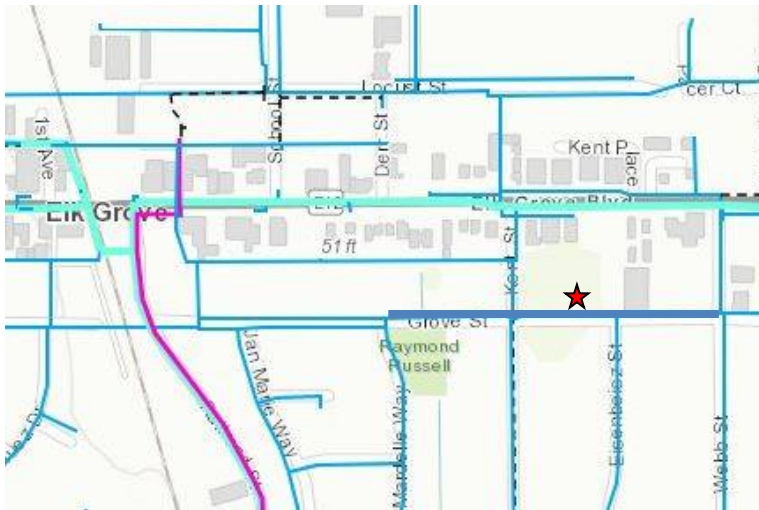
This project installs approximately 1,180 lineal feet of 8” C900 PVC water main in Grove Street.

**JUSTIFICATION**

Grove Street is currently served by a 4” water main installed in 1960. EGWD standard construction specifications specify minimum size of water mains to be 8” diameter. Also, the lots on Grove Street are served by 3/4” service lines. This project installs an 8” water main in Grove Street to current EGWD standards and replaces the 3/4” service lines on Grove Street with 1” service lines.

**PROJECT LOCATION**

The project is located on Grove Street.





**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 21/22 and construction is scheduled to occur in FY 22/23.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Grove St. Water Main	0	0	273	0	0	273
with inflation (3%)	0	0	290	0	0	290

*Expenditure breakdown: \$7,500 design, \$282,500 construction*

**FUNDING SOURCES**

(in thousands \$)

**USER FEES**

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	290
<b>Total</b>	<b>290</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$340.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Well Rehabilitation Program</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	1
<b>Project No.</b>	503



**PROJECT DESCRIPTION**

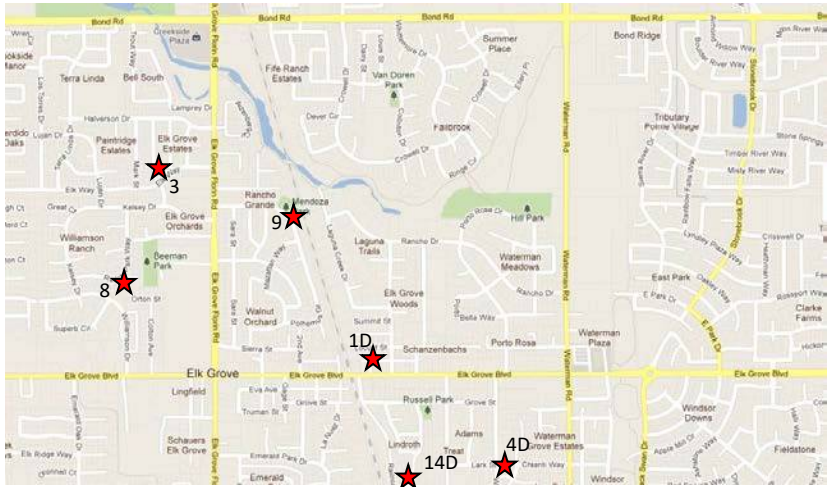
The well rehabilitation program provides for well rehabilitation projects on an as needed basis.

**JUSTIFICATION**

The well rehabilitation program maintains production and water quality from the District’s wells. By putting the well rehabilitation program in place, the District spreads the capital costs associated with maintaining its well assets. Maintaining production and water quality from the District’s wells are critical to meeting the required source capacity as prescribed by the Division of Drinking Water regulations.

**PROJECT LOCATION**

The project locations, some of which are shown below, are the wells within the District’s boundary.



★ Project Location

**SCHEDULE & STATUS**

These projects are scheduled for FY 19/20, FY 21/22 and FY 23/24.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Well Rehabilitation Program	120	120	0	120	0	360
with inflation (3%)	120	124	0	131	0	375

*Expenditure breakdown: \$15,000 design, \$360,000 construction*

**FUNDING SOURCES**

(in thousands \$)

**USER FEES**

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	375
<b>Total</b>	<b>375</b>

**OPERATING COST IMPACTS**

The completion of this project is expected to decrease operating costs by an estimated \$10,000 per year due to improved efficiency of the wells and savings in electrical consumption.

**USEFUL LIFE:** 5-7 years (for each rehabilitated well)

<b>Project</b>	<b>Railroad Corridor Water Line</b>
<b>Funding Type</b>	Capital Improvement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	3
<b>Project No.</b>	210



**PROJECT DESCRIPTION**

This project connects the recently completed Railroad Corridor transmission main to two (2) additional points of connection (POC) of the District’s water distribution system. These POCs are located along Falcon Meadow Dr.

**JUSTIFICATION**

This project will improve the delivery of water in the District’s water distribution system in the southwestern portion of Service Area 1.

**PROJECT LOCATION**

The project is located in the corridor along the west side of the Southern Pacific Railroad tracks, in the vicinity of Falcon Meadow Dr.



★ Project Location

## SCHEDULE & STATUS

Engineering is scheduled to occur in FY 23/24 and construction is scheduled to occur in FY 24/25.

## EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Railroad Corridor Water Line	0	0	0	0	122	122
with inflation (3%)	0	0	0	0	137	137

*Expenditure breakdown: \$20,000 design, \$117,000 construction*

## FUNDING SOURCES

(in thousands \$)

### USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	137
<b>Total</b>	<b>137</b>

## OPERATING COST IMPACTS

The completion of this project is not anticipated to increase or decrease operating costs as the project does not significantly alter the existing facilities or modes of operation.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Backyard Water Mains/ Services Replacements</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	2
<b>Project No.</b>	505



**PROJECT DESCRIPTION**

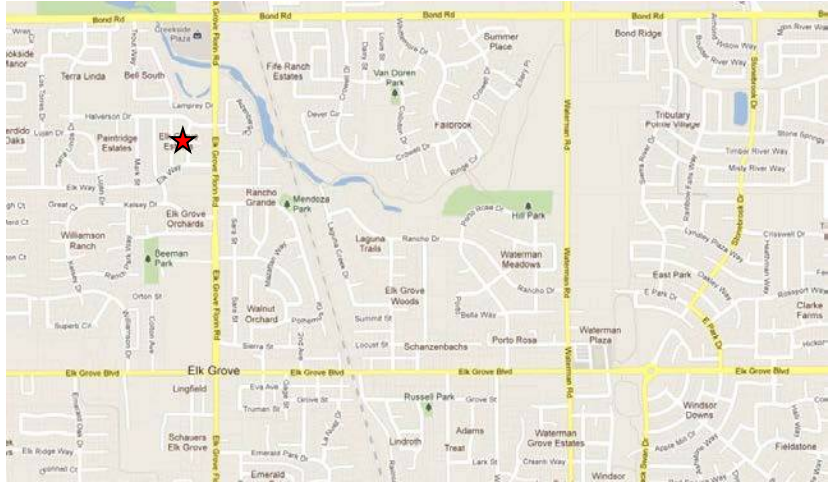
This project replaces existing 4” water mains with larger diameter water mains and relocates the mains from backyard public utilities easements to rights-of-ways in the streets. Water services will be moved from the backyards to the front sides of homes.

**JUSTIFICATION**

Some of the District’s older areas are served by 4” water mains located in backyard public utilities easements. EGWD standard construction specifications specify minimum size of water mains to be 8” diameter. This project will bring undersized water mains up to current EGWD standards and will place water mains on the front sides of properties for better access.

**PROJECT LOCATION**

Project locations include Elk Grove-Florin (Frontage), Sara Street, Durango Way, Mary Ellen Way, Mark Street, Emily Street, Barth Street, Amethyst Court, Garnet Court, Elk Way, Kelsey Drive, Sharkey Avenue, Fenton Court, and Skydome Court. Due to the many locations, the project locations are not shown.



★ Project Location

**SCHEDULE & STATUS**

Engineering is underway and ongoing. Construction is underway and ongoing. District crews are currently installing this project. It is planned to also use contract labor to complete the project.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Backyard Water Mains/Services Replacements	675	700	0	0	0	1,375
with inflation (3%)	675	720	0	0	0	1,395

*Expenditure breakdown: \$1,395,000 construction*

**FUNDING SOURCES**

(in thousands \$)

**USER FEES**

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	1,395
<b>Total</b>	<b>1,395</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$3,200.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Cadura Circle Water Main Looping</b>
<b>Funding Type</b>	Capital Improvement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	4
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

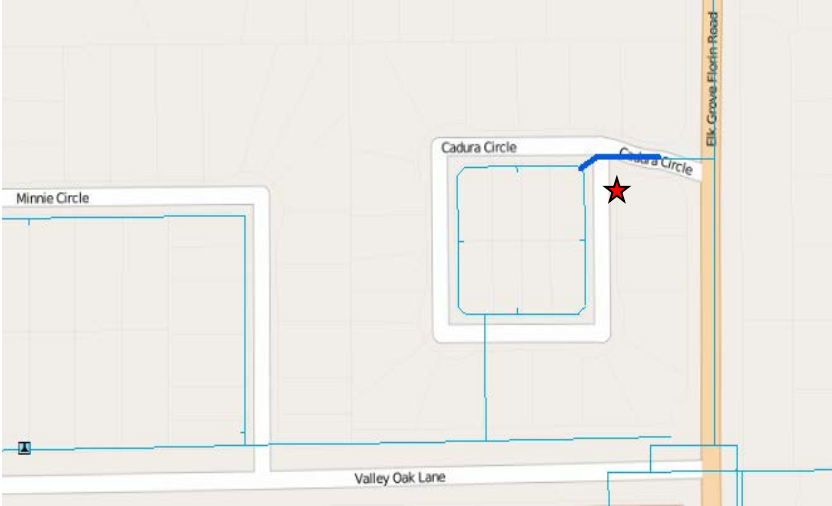
This project installs approximately 130 lineal feet of 8” C900 PVC water main to provide a water main loop so that Cadura Circle is fed by two (2) water mains.

**JUSTIFICATION**

Cadura Circle is presently served by an 8” water main off of Valley Oak Lane. An 8” water main stub for future connection already exists off of Elk Grove-Florin Road. This project connects the existing 8” water stub off of Elk Grove-Florin Road to Cadura Circle to enhance water system performance and water quality.

**PROJECT LOCATION**

The project is located on Cadura Circle.



- ★ Project Location
- Proposed Water Main
- Existing Water Main



**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 21/22 and construction is scheduled to occur in FY 21/22.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Cadura Circle Water Main Looping	0	31	0	0	0	31
with inflation (3%)	0	32	0	0	0	32

*Expenditure breakdown: \$2,000 design, \$30,000 construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	32
<b>Total</b>	<b>32</b>

**OPERATING COST IMPACTS**

The completion of this project is not anticipated to increase or decrease operating costs as the project does not significantly alter the existing facilities or modes of operation.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Kilkenny Ct. Water Main</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	4
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

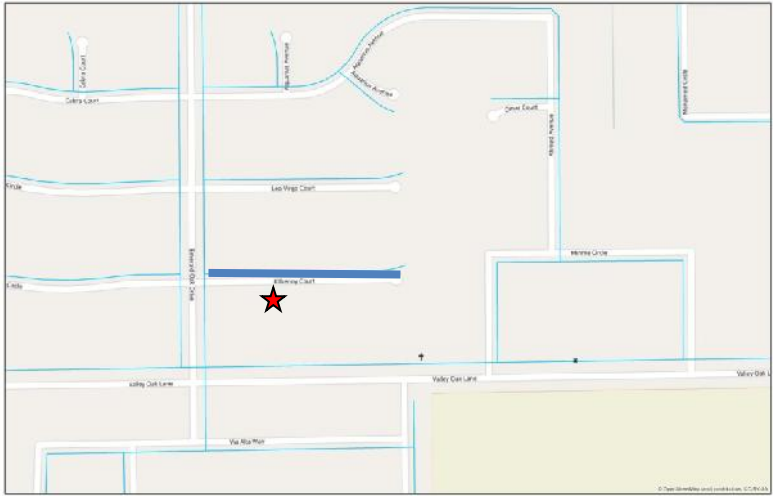
This project installs approximately 575 lineal feet of 8” C900 PVC water main in Kilkenny Court.

**JUSTIFICATION**

Kilkenny Court is currently served by a 6” water main installed in 1980. The material of the water main is asbestos-cement pipe (ACP). Repairs on this water main in December 2016 revealed that the wall of the ACP is becoming soft from water absorption. Due to the deteriorating condition of the pipe, it is time to replace this water main and bring it up to current EGWD standard construction specifications. EGWD standard construction specifications require a minimum pipe diameter of 8”, and pipe material of either PVC or ductile iron.

**PROJECT LOCATION**

The project is located on Kilkenny Court.



- ★ Project Location
- Proposed Water Main
- Existing Water Main

**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 22/23 and construction is scheduled to occur in FY 23/24.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Kilkenny Water Main	0	0	0	129	0	129
with inflation (3%)	0	0	0	141	0	141

*Expenditure breakdown: \$3,000 design, \$138,000 construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	141
<b>Total</b>	<b>141</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$165.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Leo Virgo Ct. Water Main</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	4
<b>Project No.</b>	TBD



## PROJECT DESCRIPTION

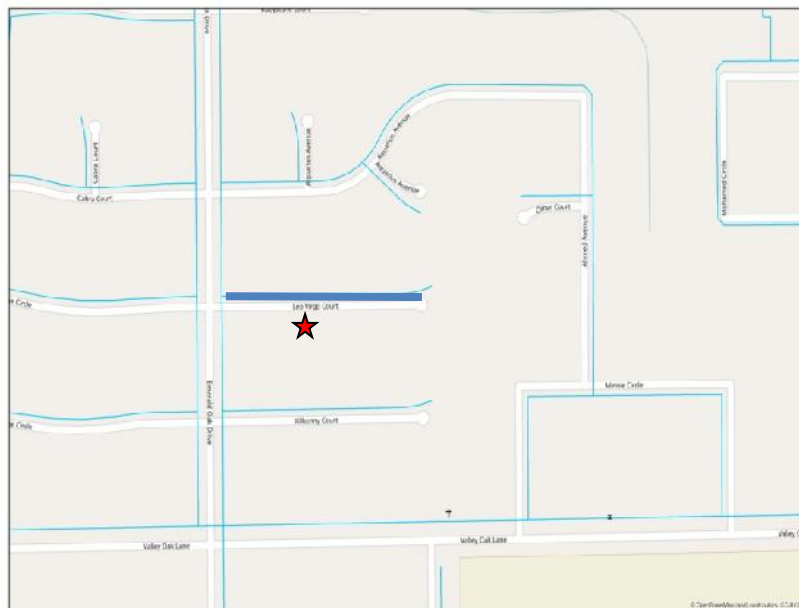
This project installs approximately 575 lineal feet of 8" C900 PVC water main in Leo Virgo Court.

## JUSTIFICATION

Leo Virgo Court is currently served by a 6" water main installed in 1980. The material of the water main is asbestos-cement pipe (ACP). Repairs on this water main in July 2016 revealed that the wall of the ACP is becoming soft from water absorption. Due to the deteriorating condition of the pipe, it is time to replace this water main and bring it up to current EGWD standard construction specifications. EGWD standard construction specifications require a minimum pipe diameter of 8", and pipe material of either PVC or ductile iron.

## PROJECT LOCATION

The project is located on Leo Virgo Court.



★ Project Location

— Proposed Water Main

— Existing Water Main

**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 22/23 and construction is scheduled to occur in FY 23/24.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Leo Virgo Ct. Water Main	0	0	0	129	0	129
with inflation (3%)	0	0	0	141	0	141

*Expenditure breakdown: \$4,000 design, \$137,000 construction*

**FUNDING SOURCES**

(in thousands \$)

**USER FEES**

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	141
<b>Total</b>	<b>141</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$165.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>2<sup>nd</sup> Ave. Water Main</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	3
<b>Project No.</b>	TBD



### PROJECT DESCRIPTION

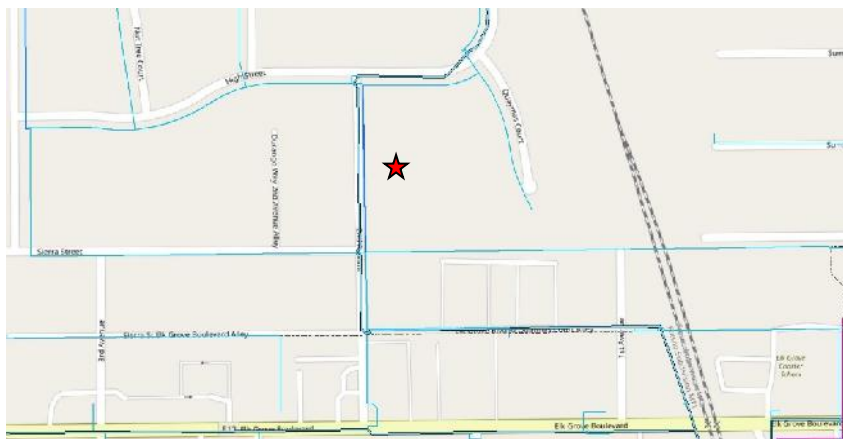
This project installs approximately 360 lineal feet of 8” C900 PVC water main in 2<sup>nd</sup> Avenue.

### JUSTIFICATION

2<sup>nd</sup> Avenue is currently served by a 6” water main installed in 1965. The material of the water main is asbestos-cement pipe (ACP). When performing water service line replacement work on this water main in January 2019, crews discovered a broken 4” sanitary sewer lateral located 6” above the water main. There is a good possibility that all the sanitary sewer laterals on 2<sup>nd</sup> Avenue are located above EGWD’s water main. EGWD standard construction specifications require a minimum one foot (1’) vertical separation between the water main and the sanitary sewer lateral, with the water main located above the sewer lateral. EGWD will make every attempt to place the new water main above the sewer laterals. If it is not possible to place the water main above the sewer laterals due to lack of cover over the water main, then ductile iron pipe (pressure class 350) will be used for the water main instead of C900 PVC.

### PROJECT LOCATION

The project is located on 2<sup>nd</sup> Avenue.



- ★ Project Location
- Proposed Water Main
- Existing Water Main

**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 20/21 and construction is scheduled to occur in FY 21/22. EGWD is coordinating this project with the City to accommodate the City’s plans to repave 2<sup>nd</sup> Avenue after the water main is installed.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
2 <sup>nd</sup> Ave. Water Main	0	118	0	0	0	0
with inflation (3%)	0	122	0	0	0	0

*Expenditure breakdown: \$3,000 design, \$119,000 construction*

**FUNDING SOURCES**

(in thousands \$)

**USER FEES**

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	122
<b>Total</b>	<b>122</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$100.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Plaza Park Dr. Water Main</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	4
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

This project installs approximately 2,000 lineal feet of 8” C900 PVC water main in Plaza Park Drive.

**JUSTIFICATION**

Plaza Park Drive is currently served by a 6” water main installed in 1975. The material of the water main is asbestos-cement pipe (ACP). When performing water service line replacement work on this water main in October 2018, crews discovered that the wall of the ACP is becoming soft from water absorption. Due to the deteriorating condition of the pipe, it is time to replace this water main and bring it up to current EGWD standard construction specifications. EGWD standard construction specifications require a minimum pipe diameter of 8”, and pipe material of either PVC or ductile iron.

**PROJECT LOCATION**

The project is located on Plaza Park Drive.



- ★ Project Location
- Proposed Water Main
- Existing Water Main



**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 23/24 and construction is scheduled to occur in FY 24/25.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Plaza Park Dr. Water Main	0	0	0	0	450	450
with inflation (3%)	0	0	0	0	506	506

*Expenditure breakdown: \$6,000 design, \$500,000 construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	506
<b>Total</b>	<b>506</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$600.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Durango Wy. Water Main</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	4
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

This project installs approximately 965 lineal feet of 8” C900 PVC water main in Durango Way.

**JUSTIFICATION**

Durango Way is currently served by a 6” water main installed in 1975. The material of the water main is asbestos-cement pipe (ACP). When performing water service line replacement work on this water main in August 2018, crews discovered that the wall of the ACP is becoming soft from water absorption. Due to the deteriorating condition of the pipe, it is time to replace this water main and bring it up to current EGWD standard construction specifications. EGWD standard construction specifications require a minimum pipe diameter of 8”, and pipe material of either PVC or ductile iron.

**PROJECT LOCATION**

The project is located on Durango Way.



- ★ Project Location
- Proposed Water Main
- Existing Water Main

**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 22/23 and construction is scheduled to occur in FY 23/24.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Durango Wy. Water Main	0	0	0	217	0	217
with inflation (3%)	0	0	0	237	0	237

*Expenditure breakdown: \$4,000 design, \$233,000 construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	237
<b>Total</b>	<b>237</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. Based on EGWD’s 2019 Water Loss Audit, the distribution system loses water at a rate of 14.7 CCF per 100 lineal feet of water main. At the current Tier 1 rate of \$1.92, it is estimated that the elimination of future leaks will result in an annual savings of \$300.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Aizenberg Cir. Water Main Looping</b>
<b>Funding Type</b>	Capital Improvement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	4
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

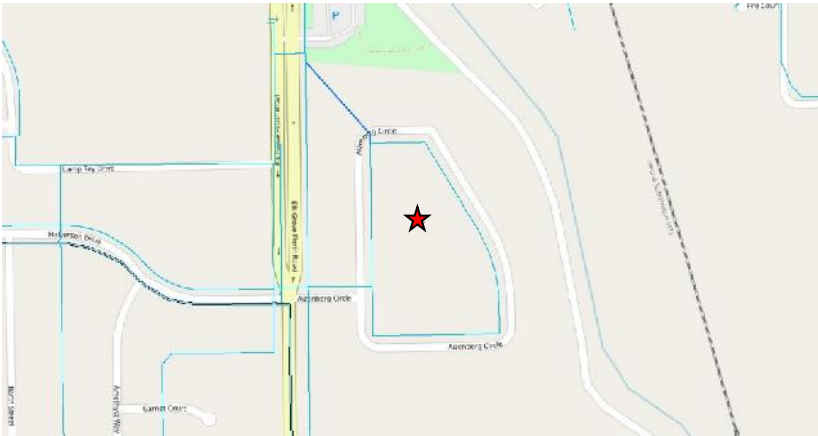
This project provides a second point of connection to a distribution water main that supplies water to seventy-six (76) single-family residences.

**JUSTIFICATION**

Seventy-six (76) single-family residences are located on Aizenberg Circle. EGWD currently serves water to these residences through an 8” water main in Aizenberg Circle. The 8” water main is connected through only one point-of-connection to another 8” water main in Elk Grove-Florin Road. Industry best practice is to provide two points-of-connection when serving water to greater than twenty-five (25) single-family residences. Two points-of-connection allow water service to continue to a large number of residences in the event the other point-of-connection is compromised. This project will require approximately 270 lineal feet of 8” C900 PVC water main and the granting of an easement along the property line of 9326 Aizenberg Circle and 9328 Aizenberg Circle.

**PROJECT LOCATION**

The project is located on Aizenberg Circle.



- ★ Project Location
- Proposed Water Main
- Existing Water Main

**SCHEDULE & STATUS**

Engineering is scheduled to occur in FY 23/24 and construction is scheduled to occur in FY 24/.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Aizenberg Cir. Water Main Looping	0	0	0	0	70	70
with inflation (3%)	0	0	0	0	79	79

*Expenditure breakdown: \$4,000 design, \$75,000 construction*

**FUNDING SOURCES**

(in thousands \$)

**USER FEES**

Capital Improvement Funds	
▪ Supply / Distribution Improvements	79
<b>Total</b>	<b>79</b>

**OPERATING COST IMPACTS**

The completion of this project is not anticipated to increase or decrease operating costs as the project does not significantly alter the existing facilities or modes of operation.

**USEFUL LIFE:** 125 years

<b>Project</b>	<b>Service Line Replacements</b>
<b>Funding Type</b>	Capital Improvement Funds
<b>Program</b>	Supply / Distribution Improvements
<b>Priority</b>	2
<b>Project No.</b>	200



**PROJECT DESCRIPTION**

Except for pavement repairs associated with the Service Line Replacements project, this project was completed in FY 18/19. Numerous potholes were required as part of the Service Line Replacements project. This project will use a paving contractor to complete pavement repairs in conformance with City standards in those streets affected by this project.

**JUSTIFICATION**

The City of Elk Grove has standards for repairing potholes. This project repairs the Service Line Replacement potholes in conformance with those standards.

**PROJECT LOCATION**

The project is located throughout various areas of Service Area 1.



★ Project Location

**SCHEDULE & STATUS**

Construction for this project is scheduled to occur in FY 20/21.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Service Line Replacements	140	0	0	0	0	140
with inflation (3%)	140	0	0	0	0	140

*Expenditure breakdown: no design, 100% construction*

**FUNDING SOURCES**

(in thousands \$)

**USER FEES**

Capital Improvement Funds	
▪ Supply / Distribution Improvements	140
<b>Total</b>	<b>140</b>

**OPERATING COST IMPACTS**

The completion of this project is anticipated to decrease operating costs by replacing old service lines and tapping saddles that have reached their useful life and are at risk of developing leaks. It is anticipated that the elimination of future leaks will result in an annual savings of \$25,000 over a 5-year period.

**USEFUL LIFE:** 25 years

<b>Project</b>	<b>Chlorine Analyzers Shallow Wells</b>
<b>Funding Type</b>	Capital Improvement Funds
<b>Program</b>	Treatment Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

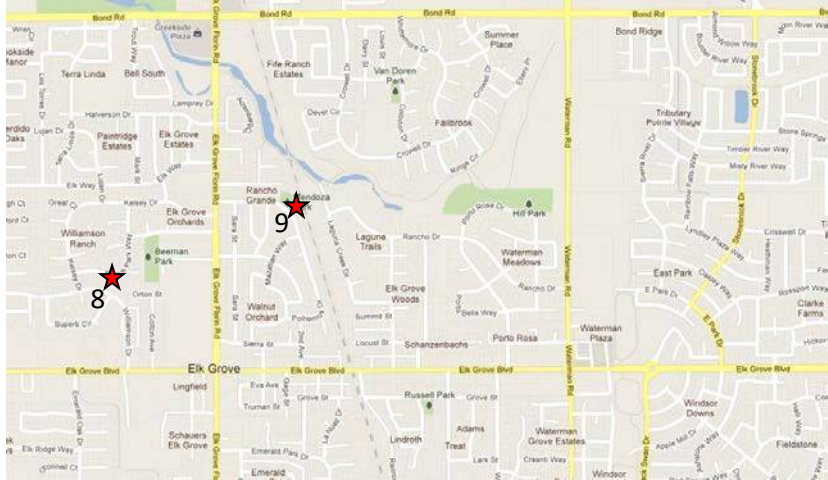
This project installs a chlorine analyzer at each of the two (2) shallow wells and connects the information to the District’s supervisory control and data acquisition (SCADA) system.

**JUSTIFICATION**

The shallow wells consist of Well 8 and Well 9. The shallow wells pump directly into the water distribution system. To disinfect the water, sodium hypochlorite is injected into the water stream at these two (2) well sites. On one occasion, the chlorine injection pump at Well 9 stopped working resulting in raw water being pumped into the distribution system. A chlorine analyzer at Well 9 would have alerted operations staff that chlorine residual had fallen to zero at that well site, and enabled staff to take more immediate corrective action.

**PROJECT LOCATION**

The address for Well 8 is 9457 Ranch Park Wy. and Well 9 is 9035 Polhemus Dr., Elk Grove, California. The assessor’s parcel numbers are APN 12504100610000 and APN 12502010160000, respectively.



★ Project Location



**SCHEDULE & STATUS**

Engineering and construction are scheduled for FY 20/21.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Chlorine Analyzers Shallow Wells	75	0	0	0	0	75
with inflation (3%)	75	0	0	0	0	75

*Expenditure breakdown: \$7,500 design, \$67,500 construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Treatment Improvements	75
<b>Total</b>	<b>75</b>

**OPERATING COST IMPACTS**

The completion of this project is not anticipated to increase or decrease operating costs as the project does not alter the existing facilities or modes of operation.

**USEFUL LIFE:** 10 years

<b>Project</b>	<b>Media Replacement – RRWTP Filter Vessels</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Treatment Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

This project replaces the media in the filter vessels of Filter Train D at the Railroad Water Treatment Plant (RRWTP). Each filter train contains two (2) filter vessels, therefore, the total number of filter vessels for media replacement is two (2).

**JUSTIFICATION**

Filter media used in the filter vessels at the RRWTP is GreensandPlus. As part of the asset management plan, the District has assigned a useful life of 10 years to GreensandPlus. The media in the filter vessels of Filter Train D was installed in year 2012. This project is justified on the basis of the District’s proactive operational practices of preventative maintenance.

**PROJECT LOCATION**

The address for the RRWTP is 9175 Railroad Street, Elk Grove, California. The assessor’s parcel number is APN 13400500810000.



★ Project Location

**SCHEDULE & STATUS**

Construction is scheduled for FY 22/23.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Media Replacement – RRWTP Filter Vessels	0	0	57	0	0	57
with inflation (3%)	0	0	60	0	0	60

*Expenditure breakdown: no design, 100% construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	60
<b>Total</b>	<b>60</b>

**OPERATING COST IMPACTS**

The completion of this project is not anticipated to increase or decrease operating costs as the project does not significantly alter the existing facilities or modes of operation.

**USEFUL LIFE:** 10 years

<b>Project</b>	<b>Media Replacement – HVWTP Filter Vessels</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Treatment Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

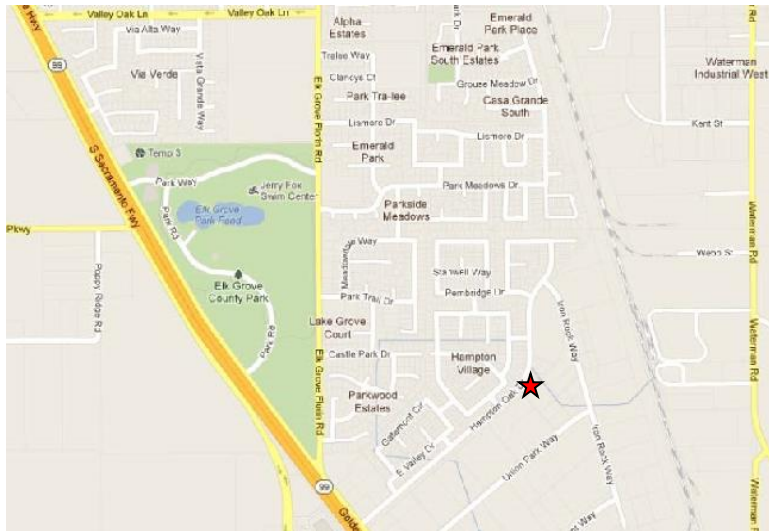
This project replaces the media in the three (3) vertical filter vessels at the Hampton Village Water Treatment Plant (HVWTP).

**JUSTIFICATION**

Filter media used in the filter vessels at the HVWTP is GreensandPlus. As part of the asset management plan, the District has assigned a useful life of 10 years to GreensandPlus. The media in the filter vessels at HVWTP was installed in year 2015. This project is justified on the basis of the District’s proactive operational practices of preventative maintenance.

**PROJECT LOCATION**

The address for the HVWTP is 10113 Hampton Oak Dr., Elk Grove, California. The assessor’s parcel number is APN 13407100390000.



★ Project Location

**SCHEDULE & STATUS**

Construction scheduled for FY 24/25.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Media Replacement – HVWTP Filter Vessels	0	0	0	0	53	53
with inflation (3%)	0	0	0	0	60	60

*Expenditure breakdown: no design, 100% construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	60
<b>Total</b>	<b>60</b>

**OPERATING COST IMPACTS**

The completion of this project is not anticipated to increase or decrease operating costs as the project does not significantly alter the existing facilities or modes of operation.

**USEFUL LIFE:** 10 years

<b>Project</b>	<b>PLC/MCC Bucket Replacement (Wells 4D &amp; 11D)</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Treatment Improvements
<b>Priority</b>	1
<b>Project No.</b>	TBD



### PROJECT DESCRIPTION

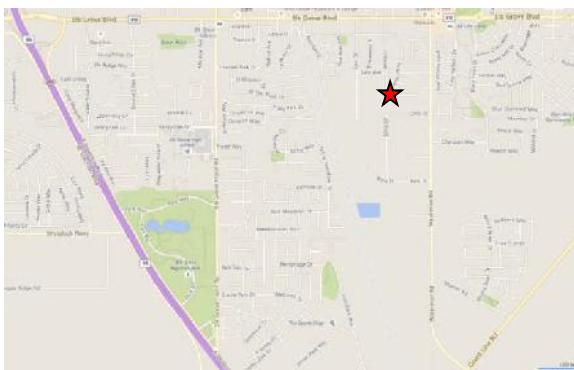
This project replaces the programmable logic controllers (PLC) at Well 4D and Well 11D and moves them into larger buckets in their respective motor control center (MCC) panels, improving maintenance accessibility and air flow to the PLCs.

### JUSTIFICATION

The PLC is a critical piece of equipment that communicates with the Railroad Water Treatment Plant and activates when the well pump turns on. The PLC's at Well 4D and Well 11D are fifteen years old and have met the end of their useful life as dictated by the District's asset management program. The criticality of these devices demands that they are in good working order. Also, the PLCs are currently located in tight compartments referred to as buckets in their respective MCC panels. The cramped buckets make it difficult for Operators to perform maintenance on support components such as backup batteries. It is also critical for PLCs to stay below 140 degrees F, therefore, good air flow to keep the PLCs cool is important. The current tight spacing does not allow for good air flow. This project is justified as dictated by the asset management plan.

### PROJECT LOCATION

The address for Well 4D is 9206 Meadow Grove Dr., Elk Grove, California. The assessor's parcel number is APN 12504100610000.



★ Project Location

## SCHEDULE & STATUS

Engineering and construction is scheduled for FY 20/21.

## EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
PLC/MCC Bucket Replacement (Wells 4D & 11D)	50	0	0	0	0	50
with inflation (3%)	50	0	0	0	0	50

*Expenditure breakdown: design \$5,000, construction \$45,000*

## FUNDING SOURCES

(in thousands \$)

### USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	50
<b>Total</b>	<b>50</b>

## OPERATING COST IMPACTS

The completion of this project is not anticipated to increase or decrease operating costs as the project does not significantly alter the existing facilities or modes of operation.

**USEFUL LIFE:** 15 years

<b>Project</b>	<b>PLC – RRWTP Main &amp; Filter Panel</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Treatment Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



## PROJECT DESCRIPTION

This project replaces the programmable logic controllers (PLC) in the main panel and filter panel at the Railroad Water Treatment Plant (RRWTP).

## JUSTIFICATION

The PLCs at the RRWTP are critical pieces of equipment that control the automation of the RRWTP. The PLC's at the RRWTP will be over fifteen years old and have met the end of their useful life as dictated by the District's asset management program. The criticality of these devices demands that they are in good working order. This project is justified as dictated by the asset management plan.

## PROJECT LOCATION

The address for the RRWTP is 9175 Railroad Street, Elk Grove, California. The assessor's parcel number is APN 13400500810000.



★ Project Location



**SCHEDULE & STATUS**

Engineering and construction is scheduled for FY 24/25.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
PLC – RRWTP Main & Filter Panel	0	0	0	0	53	53
with inflation (3%)	0	0	0	0	60	60

*Expenditure breakdown: design \$5,000, construction \$55,000*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	60
<b>Total</b>	<b>60</b>

**OPERATING COST IMPACTS**

The completion of this project is not anticipated to increase or decrease operating costs as the project does not significantly alter the existing facilities or modes of operation.

**USEFUL LIFE:** 15 years

<b>Project</b>	<b>Security Cameras</b>
<b>Funding Type</b>	Capital Improvement Funds
<b>Program</b>	Treatment Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

This project adds security cameras at the Railroad Water Treatment Plant (RRWTP).

**JUSTIFICATION**

In response to a vandalism incident to an employee’s personal vehicle, the District purchased three (3) security cameras and a 16-channel network video recorder (NVR) to observe and record the employee parking lot and entry area at the RRWTP. Only three (3) of the NVR channels are currently being used and the District would like to add more cameras to enhance security at the RRWTP. Conduit and mounting locations are already in place from old analog cameras. This project entails pulling new CAT-6 cable and installing stationary high, resolution color cameras.

**PROJECT LOCATION**

The address for the RRWTP is 9175 Railroad Street, Elk Grove, California. The assessor’s parcel number is APN 13400500810000.



★ Project Location

## SCHEDULE & STATUS

Engineering and construction is scheduled for FY 20/21.

## EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Security Cameras	25	0	0	0	0	25
with inflation (3%)	25	0	0	0	0	25

*Expenditure breakdown: no design, 100% construction*

## FUNDING SOURCES

(in thousands \$)

### USER FEES

Capital Improvement Funds	
▪ Treatment Improvements	25
<b>Total</b>	<b>25</b>

## OPERATING COST IMPACTS

The completion of this project is not anticipated to increase or decrease operating costs as the project does not significantly alter the existing facilities or modes of operation.

**USEFUL LIFE:** 10 years

<b>Project</b>	<b>ChlorTec Electrolytic Cells Replacement</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Treatment Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

This project replaces the ChlorTec electrolytic cells at the Railroad Water Treatment Plant (RRWTP).

**JUSTIFICATION**

The ChlorTec unit is an electrochlorination generator designed to produce a 0.8% solution of sodium hypochlorite from water, salt, and electricity. The ChlorTec unit at the RRWTP has two (2) electrolytic cells. The electrolytic cells have a useful life of around eight (8) years. The current cells were installed in year 2016, and are due for replacement in year 2024.

**PROJECT LOCATION**

The address for the RRWTP is 9175 Railroad Street, Elk Grove, California. The assessor’s parcel number is APN 13400500810000.



★ Project Location

## SCHEDULE & STATUS

Construction is scheduled for FY 24/25.

## EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
ChlorTec Electrolytic Cells Replacement	0	0	0	0	13	13
with inflation (3%)	0	0	0	0	15	15

*Expenditure breakdown: no design, 100% construction*

## FUNDING SOURCES

(in thousands \$)

### USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	15
<b>Total</b>	<b>15</b>

## OPERATING COST IMPACTS

The completion of this project is not anticipated to increase or decrease operating costs as the project does not significantly alter the existing facilities or modes of operation.

**USEFUL LIFE:** 8 years

<b>Project</b>	<b>ChlorTec Controls &amp; Rectifier Replacement</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Treatment Improvements
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

This project replaces the ChlorTec controls and rectifier at the Railroad Water Treatment Plant (RRWTP).

**JUSTIFICATION**

The ChlorTec unit is an electrochlorination generator designed to produce a 0.8% solution of sodium hypochlorite from water, salt, and electricity. The generation process is controlled through a programmable logic control and other controls. Two (2) electrolytic cells which produce the sodium hypochlorite require direct current (DC) electricity from a rectifier. The controls and rectifier have a useful life of twenty (20) years. The controls and rectifier were installed in year 2005, and are due for replacement no later than year 2025.

**PROJECT LOCATION**

The address for the RRWTP is 9175 Railroad Street, Elk Grove, California. The assessor’s parcel number is APN 13400500810000.



★ Project Location

## SCHEDULE & STATUS

Construction is scheduled for FY 23/24.

## EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
ChlorTec Controls & Rectifier Replacement	0	0	0	64	0	64
with inflation (3%)	0	0	0	70	0	70

*Expenditure breakdown: no design, 100% construction*

## FUNDING SOURCES

(in thousands \$)

### USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	70
<b>Total</b>	<b>70</b>

## OPERATING COST IMPACTS

The completion of this project is not anticipated to increase or decrease operating costs as the project does not significantly alter the existing facilities or modes of operation.

**USEFUL LIFE:** 20 years

<b>Project</b>	<b>Truck Replacements</b>
<b>Funding Type</b>	Capital Improvement Funds
<b>Program</b>	Building & Site Improvements/ Vehicles
<b>Priority</b>	3
<b>Project No.</b>	401



**PROJECT DESCRIPTION**

This project replaces aging work vehicles with new vehicles.

**JUSTIFICATION**

Because distances traveled by work trucks are relatively short within the EGWD boundary, the replacement of vehicles in the EGWD truck fleet is primarily predicated on wear and age, and not mileage. EGWD typically keeps trucks for 10 to 12 years. The following are trucks planned for replacement over the next five years.

**FY 20/21**

- Truck 102 – 2007 Chevy 3500 (77,360 Miles).....Replace w/Ford F150 w/toolbox - \$45K
- Truck 413 – 2014 Ford F250 (116,436 Miles).....Replace w/Ford F150 w/toolbox - \$45K
- Truck 402 – 2008 Ford F250 (81,763 Miles).....Replace w/Ford F150 w/toolbox - \$45K

**FY 21/22**

- Truck 410 – 2009 Ford F550 (28,145 Miles).....Replace w/Ford F650 w/crane and boxes - \$150K

**FY 22/23**

- Truck 403 – 2007 Chevy Tahoe (47,413 Miles).....Replace w/SUV - \$45K
- Truck 411 – 2009 Ford F250 Truck (79,479 Miles).....Replace w/Ford F350 (gas) - \$45K
- Truck 406 – 2008 Ford Escape, Blue (38,363 Miles).....Replace w/SUV - \$30K

**FY 23/24**

- Truck 404 – 2008 Ford Escape, Gray (82,555 Miles).....Replace w/SUV- \$30K
- Truck 409 – 2009 Ford F650 Dump Truck (33,329 Miles).....Replace w/Ford F650 Dump Truck- \$100K

**FY 24/25**

- Truck 412 – 2011 Ford F150 (27,756).....Replace w/Ford F150 - \$45K
- Truck 405 – 2007 Ford F550 Dump Truck (26,386 Miles).....Replace w/Ford F650 Dump Truck - \$100K

**PROJECT LOCATION**

These work vehicles cover all areas of the Elk Grove Water District.



## SCHEDULE & STATUS

Refer to the Justification section above for vehicle replacement schedule.

## EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Truck Replacements	135	146	113	119	129	642
with inflation (3%)	135	150	120	130	145	680

*Expenditure breakdown: no design, 100% purchase*

## FUNDING SOURCES

(in thousands \$)

### USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	680
<b>Total</b>	<b>680</b>

## OPERATING COST IMPACTS

It is anticipated that the purchase of the replacement trucks will decrease maintenance costs by \$2,500 per year by lowering the incidence of repairs needed to keep older trucks operational.

**USEFUL LIFE:** 10 years

<b>Project</b>	<b>Pavement Repair &amp; Seal Coat - RRWTP</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Building & Site Improvements/ Vehicles
<b>Priority</b>	3
<b>Project No.</b>	TBD



### PROJECT DESCRIPTION

This project makes repairs to the asphalt pavement of the Railroad Water Treatment Plant (RRWTP) by filling in cracks with an elastomer product and applying a seal coat to the entire pavement area.

### JUSTIFICATION

The asphalt pavement in the RRWTP yard receives high traffic and heavy use. The pavement is in good condition; however, preventative maintenance is necessary to keep it in good condition. Regular maintenance at an interval of every three years is justified on this basis.

### PROJECT LOCATION

The address for RRWTP is 9715 Railroad Street, Elk Grove, California. The assessor’s parcel number is APN 13400500810000.



★ Project Location

## SCHEDULE & STATUS

Construction is scheduled for FY 21/22.

## EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Pavement Repair & Seal Coat – RRWTP	0	24	0	0	0	24
with inflation (3%)	0	25	0	0	0	25

*Expenditure breakdown: no design, \$25,000 construction*

## FUNDING SOURCES

(in thousands \$)

### USER FEES

Capital Repair/Replacement Funds	
▪ Building & Site Improvements/Vehicles	25
<b>Total</b>	<b>25</b>

## OPERATING COST IMPACTS

The completion of this project is not anticipated to increase or decrease operating costs.

**USEFUL LIFE:** 3 years

<b>Project</b>	<b>Pavement Repair &amp; Seal Coat - HVWTP</b>
<b>Funding Type</b>	Capital Repair/Replacement Funds
<b>Program</b>	Building & Site Improvements/ Vehicles
<b>Priority</b>	3
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

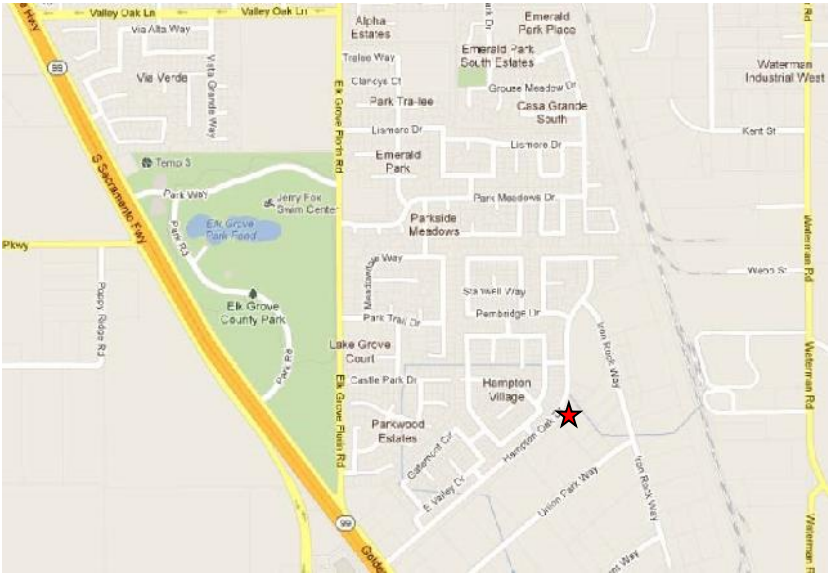
This project makes repairs to the asphalt pavement of the Hampton Village Water Treatment Plant (HVWTP) by filling in cracks with an elastomer product and applying a seal coat to the entire pavement area.

**JUSTIFICATION**

The asphalt pavement in the HVWTP requires regular maintenance and upkeep. The HVWTP pavement was last slurry sealed in year 2015. To keep the pavement in good condition, the District’s asset management plan has assigned regular maintenance of the HVWTP pavement at an interval of every five years.

**PROJECT LOCATION**

The address for the HVWTP is 10113 Hampton Oak Dr., Elk Grove, California. The assessor’s parcel number is APN 13407100390000.



★ Project Location

**SCHEDULE & STATUS**

Construction is scheduled for FY 21/22.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Pavement Repair & Seal Coat – HWWTP	0	24	0	0	0	24
with inflation (3%)	0	25	0	0	0	25

*Expenditure breakdown: no design, 100% construction*

**FUNDING SOURCES**

(in thousands \$)

**USER FEES**

Capital Repair/Replacement Funds	
▪ Building & Site Improvements/Vehicles	25
<b>Total</b>	<b>25</b>

**OPERATING COST IMPACTS**

The completion of this project is not anticipated to increase or decrease operating costs.

**USEFUL LIFE:** 5 years

<b>Project</b>	<b>Vacuum Excavator</b>
<b>Funding Type</b>	Capital Improvement Funds
<b>Program</b>	Building & Site Improvements/ Vehicles
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

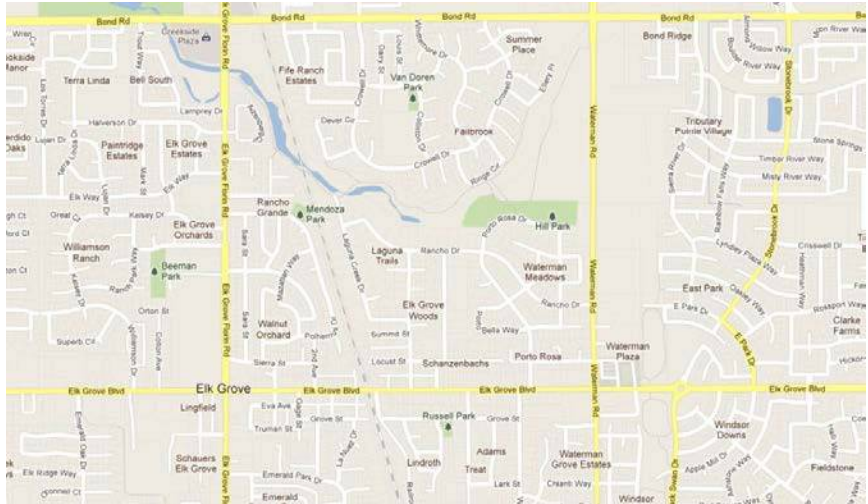
This project replaces the oldest of the three (3) vacuum excavators in the District’s fleet.

**JUSTIFICATION**

The District currently has a 2004 Ditch Witch model FX30 vacuum excavator. The vacuum excavator is a critical piece of equipment that the District uses on a daily basis. Field staff use the vacuum excavator to identify the location of underground utilities. The vacuum excavator uses water jetting and vacuum suction to neatly make a pothole for this purpose. The vacuum excavator is also used during water main repair work. Field staff use the vacuum to remove water from the trench while performing the repair work. The 2004 Ditch Witch has required numerous repairs and is in poor condition. The District’s asset management plan has identified the useful life of the vacuum excavator as 15 years. Replacement is justified on these bases.

**PROJECT LOCATION**

This piece of equipment is used in all areas of the Elk Grove Water District.



★ Project Location

## SCHEDULE & STATUS

This equipment is scheduled for purchase in FY 20/21.

## EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Vacuum Excavator	100	0	0	0	0	100
with inflation (3%)	100	0	0	0	0	100

*Expenditure breakdown: 100% purchase*

## FUNDING SOURCES

(in thousands \$)

### USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	100
<b>Total</b>	<b>100</b>

## OPERATING COST IMPACTS

The purchase of this equipment is anticipated to decrease annual repair costs by \$7,500.

**USEFUL LIFE:** 15 years

<b>Project</b>	<b>Backhoe Loader</b>
<b>Funding Type</b>	Capital Improvement Funds
<b>Program</b>	Building & Site Improvements/ Vehicles
<b>Priority</b>	2
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

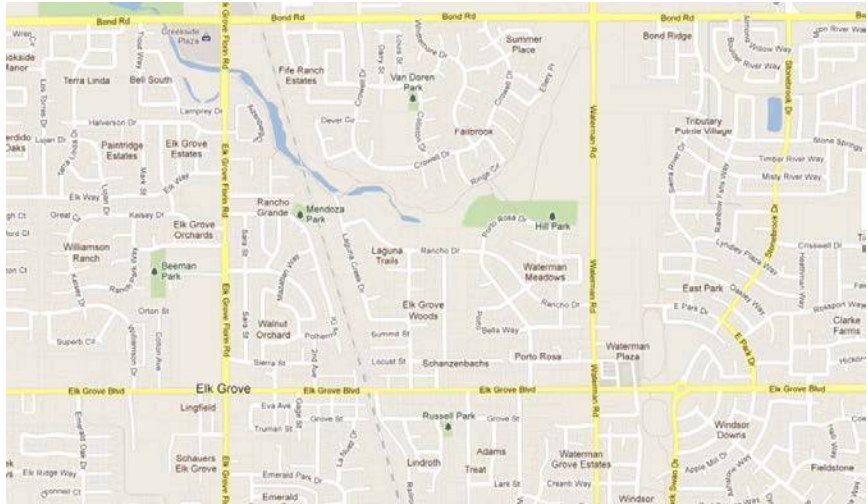
This project purchases an additional backhoe loader so that the District will have two (2) in its fleet.

**JUSTIFICATION**

The District currently has a 2006 Caterpillar model 420E backhoe loader in its fleet. This backhoe is primarily dedicated to the Utility crew for water main replacement projects. As a result, the Distribution crew must borrow the backhoe from the Utility crew when it needs to perform repair and maintenance work. Based on the average of water main and service line leaks for the past four years, the Distribution crew requires the backhoe for 154.7 hours per year to repair leaks. When the Distribution crew has the backhoe, the Utility crew loses production at an estimated 70% rate of time. This lost production time amounts to \$31,458 per year. In addition, for two (2) weeks out of the year, a backhoe must be rented at a cost of \$2,784 so the District’s backhoe may be serviced and/or repaired. Using these costs and a backhoe purchase price of \$160,000, the payback period on the purchase of the backhoe is 4.7 years. This is a reasonable payback period and the purchase of the backhoe is justified on this basis.

**PROJECT LOCATION**

This piece of equipment is used in all areas of the Elk Grove Water District.



★ Project Location



## SCHEDULE & STATUS

This equipment is scheduled for purchase in FY 21/22.

## EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Backhoe Loader	0	155	0	0	0	155
with inflation (3%)	0	160	0	0	0	160

*Expenditure breakdown: 100% purchase*

## FUNDING SOURCES

(in thousands \$)

### USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	160
<b>Total</b>	<b>160</b>

## OPERATING COST IMPACTS

The purchase of this equipment is estimated to increase annual operating costs by \$500 to perform basic maintenance on the additional backhoe.

**USEFUL LIFE:** 20 years

<b>Project</b>	<b>Unforeseen Capital Projects</b>
<b>Funding Type</b>	Unforeseen Capital Projects Funds
<b>Program</b>	Unforeseen Capital Projects
<b>Priority</b>	N/A
<b>Project No.</b>	TBD



**PROJECT DESCRIPTION**

This project provides reserve funds for unforeseen future capital projects.

**JUSTIFICATION**

The purpose of the capital improvement program is to plan and fund capital projects in advance of the projects’ needed design and construction date. The unforeseen capital projects program provides the Elk Grove Water District with a safety net for funding future capital projects that are not included in the CIP planning process. In some cases, these unforeseen capital projects may be the result of emergencies that have occurred in the district.

**PROJECT LOCATION**

Project locations are unknown at this time and therefore not shown.



★ Project Location

**SCHEDULE & STATUS**

Engineering, design, and construction associated with the unforeseen capital projects program are unknown.

**EXPENDITURE SCHEDULE**

(in thousands \$)

Project	Planned Expenditures					Total
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	
Unforeseen Capital Projects	100	100	100	100	100	500
no inflation used	100	100	100	100	100	500

*Expenditure breakdown: \$50,000 design, \$450,000 construction*

**FUNDING SOURCES**

(in thousands \$)

USER FEES

Unforeseen Capital Projects Funds	
▪ Unforeseen Capital Projects	500
<b>Total</b>	<b>500</b>

**OPERATING COST IMPACTS**

It is not known if the completion of projects associated with the unforeseen capital projects program will increase or decrease operating costs.

**USEFUL LIFE:** Unknown

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## APPENDIX A – PROJECT LIST BY PRIORITY

Priority	PROJECT NAME	Priority Score
1	Well Rehabilitation Program <i>pg. 22</i>	91
1	PLC/MCC Bucket Replacement (Wells 4D & 11D) <i>pg. 50</i>	82
2	Service Line Replacements <i>pg. 42</i>	79
2	Security Cameras <i>pg. 54</i>	79
2	Vacuum Excavator <i>pg. 66</i>	75
2	Backhoe Loader <i>pg. 68</i>	75
2	Backyard Water Mains/Services Replacement <i>pg. 26</i>	74
2	Truman St./Adams St. Water Main <i>pg. 10</i>	73
2	School/Locust/Summit Alley Water Main <i>pg. 12</i>	73
2	Elk Grove Blvd Grove St. Alley Water Main <i>pg. 14</i>	73
2	Locust St.-Elk Grove Blvd Alley/Derr St. Water Main <i>pg. 16</i>	73
2	Grove St. Water Main <i>pg. 20</i>	73
2	Media Replacement - RRWTP Filter Vessels <i>pg. 46</i>	71
2	Media Replacement - HVWTP Filter Vessels <i>pg. 48</i>	71
2	PLC - RRWTP Main & Filter Panel <i>pg. 50</i>	71
2	ChlorTec Electrolytic Cells Replacement <i>pg. 56</i>	71
2	ChlorTec Controls & Rectifier Replacement <i>pg. 58</i>	71
2	Chlorine Analyzers Shallow Wells <i>pg. 44</i>	70
3	Truck Replacements <i>pg. 60</i>	69
3	Railroad Corridor Water Line <i>pg. 24</i>	66
3	2nd Ave. Water Main <i>pg. 34</i>	64
3	Lark St. Water Main <i>pg. 18</i>	62
3	Pavement Repair & Seal Coat - RRWTP <i>pg. 62</i>	61
3	Pavement Repair & Seal Coat - HVWTP <i>pg. 64</i>	61
4	Cadura Circle Water Main Looping <i>pg. 28</i>	54
4	Kilkenny Ct. Water Main <i>pg. 30</i>	54
4	Leo Virgo Ct. Water Main <i>pg. 32</i>	54
4	Plaza Park Dr. Water Main <i>pg. 36</i>	54
4	Durango Wy. Water Main <i>pg. 38</i>	54
4	Aizenberg Cir. Water Main Looping <i>pg. 40</i>	54

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## APPENDIX B – CIP PRIORITY RANKING CRITERIA SCORE SHEETS

### ▪ **FY 2021-25 WATER SUPPLY / TREATMENT IMPROVEMENT PROJECTS**

- Truman St./Adams St. Water Main
- School/Locust/Summit Alley Water Main
- Elk Grove Blvd/Grove St. Alley Water Main
- Locust St.-Elk Grove Blvd Alley/Derr St. Water Main
- Lark St. Water Main
- Grove St. Water Main
- Well Rehabilitation Program
- Railroad Corridor Water Line
- Backyard Water Mains/Services Replacement
- Cadura Circle Water Main Looping
- Kilkenny Ct. Water Main
- Leo Virgo Ct. Water Main
- 2<sup>nd</sup> Ave. Water Main
- Plaza Park Dr. Water Main
- Durango Wy. Water Main
- Aizenberg Cir. Water Main
- Service Line Replacements
- Chlorine Analyzers Shallow Wells
- Media Replacement – RRWTP Filter Vessels
- Media Replacement – HVWTP Filter Vessels
- PLC/MCC Bucket Replacement (Wells 4D & 11D)
- PLC – RRWTP Main & Filter Panel
- Security Cameras
- ChlorTec Electrolytic Cells Replacement
- ChlorTec Controls & Rectifier Replacement

### ▪ **FY 2021-25 BUILDING & SITE IMPROVEMENT/VEHICLES PROJECTS**

- Truck Replacements
- Pavement Repair & Seal Coat – RRWTP
- Pavement Repair & Seal Coat - HVWTP
- Vacuum Excavator
- Backhoe Loader

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 73**  
**RAW SCORE = 58**

Truman St./Adams St. Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span>		50.25
	A	<input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
C	<input checked="" type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>		
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		2.50
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>Positive Interaction (E 4)</b> - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input type="checkbox"/>	With other agencies
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		5.63
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
<input checked="" type="checkbox"/>	Promotes water use efficiency	<input checked="" type="checkbox"/>	Promotes energy efficiency or incorporates energy efficient features
<input type="checkbox"/>	Promotes groundwater basin management		
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
	<input type="checkbox"/>	Over 50% of project costs available from other agencies	
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.



# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here Truman St./Adams St. Water Main

Impact = ; Probability = 75.00 <-- Totals from

**Water Supply (E 2)**  
Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**  
Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**  
**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.  
**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup *4" mains are undersized for fire protection*  
**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**  
**High** – Likely to almost certain 65% – 100% ←  
**Medium** – Possible 35% – 65%  
**Low** – Unlikely or rare 0% – 35%

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**  
Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**  
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**  
**High (H)** – Provides benefits for more than 30,000 customers.  
**Medium (M)** – Provides benefits for 10,000 to 30,000 customers. ← *Affects Service Area 1*  
**Low (L)** – Provides benefits for less than 10,000 customers.

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**  
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**  
Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**  
**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years.  
**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. ←  
**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

## FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 73**  
**RAW SCORE = 58**

School/Locust/Summit Alley Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<p><b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span> <span style="float: right;">50.25</span></p> <p>A <input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b></p> <p>B <input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b></p> <p>C <input checked="" type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b></p>
<b>SOCIAL FACTORS</b> (7.5%)	<p><b>Social Factor</b> - Check if applicable <span style="float: right;">2.50</span></p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p><b>Positive Interaction (E 4)</b> - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input type="checkbox"/> With other agencies</span></p>
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<p><b>Water Quality (E 3.2)</b> - Check if applicable <span style="float: right;">5.63</span></p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p><b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply</p> <p><input checked="" type="checkbox"/> Promotes water use efficiency <span style="margin-left: 100px;"><input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</span></p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
<b>ECONOMIC FACTORS</b> (10%)	<p><b>Lifecycle costs are minimized</b> - Check One <span style="float: right;">0.00</span></p> <p><input type="checkbox"/> Annual cost savings of more than \$50,000</p> <p><input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000</p> <p><input type="checkbox"/> Annual cost savings of less than \$10,000</p> <p><b>Funding Available from Other Agencies</b> - Check One</p> <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p><input type="checkbox"/> 26% to 50% of project costs available from other agencies</p> <p><input type="checkbox"/> Up to 25% of project costs available from other agencies</p>

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **School/Locust/Summit Alley Water Main**

	<b>Water Supply (E 2)</b>	Impact = ; Probability =	75.00 <-- Totals from																								
WATER SUPPLY OBJECTIVE (75% of Raw Score)  This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.	Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure																										
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## FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 73**  
**RAW SCORE = 58**

Elk Grove Blvd. Grove St. Alley Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<p><b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span> <span style="float: right;">50.25</span></p> <p>A <input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b></p> <p>B <input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b></p> <p>C <input checked="" type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b></p>
<b>SOCIAL FACTORS</b> (7.5%)	<p><b>Social Factor</b> - Check if applicable <span style="float: right;">2.50</span></p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p><b>Positive Interaction (E 4)</b> - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input type="checkbox"/> With other agencies</span></p>
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<p><b>Water Quality (E 3.2)</b> - Check if applicable <span style="float: right;">5.63</span></p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p><b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply</p> <p><input checked="" type="checkbox"/> Promotes water use efficiency <span style="margin-left: 100px;"><input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</span></p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
<b>ECONOMIC FACTORS</b> (10%)	<p><b>Lifecycle costs are minimized</b> - Check One <span style="float: right;">0.00</span></p> <p><input type="checkbox"/> Annual cost savings of more than \$50,000</p> <p><input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000</p> <p><input type="checkbox"/> Annual cost savings of less than \$10,000</p> <p><b>Funding Available from Other Agencies</b> - Check One</p> <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p><input type="checkbox"/> 26% to 50% of project costs available from other agencies</p> <p><input type="checkbox"/> Up to 25% of project costs available from other agencies</p>

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Elk Grove Blvd. Grove St. Alley Water Main**

75.00 <-- Totals fro

**Water Supply (E 2)**

Impact = ; Probability =

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100% ←

**Medium** – Possible 35% – 65%

**Low** – Unlikely or rare 0% – 35%

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers. ← Affects Service Area 1

**Low (L)** – Provides benefits for less than 10,000 customers.

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years.

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. ←

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS**  
**Priority Ranking Criteria**

**PRIORITY SCORE = 73**  
**RAW SCORE = 58**

Locust St.-Elk Grove Blvd. Alley/Derr St. Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span>		50.25
	A	<input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
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<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		2.50
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		5.63
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
	<input checked="" type="checkbox"/>	Promotes water use efficiency	<input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
	<input type="checkbox"/>	Over 50% of project costs available from other agencies	
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
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NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Locust St.-Elk Grove Blvd. Alley/Derr St. Water Main**

	<b>Water Supply (E 2)</b>	Impact = ; Probability =	75.00	<-- Totals from																																									
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**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
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**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 62**  
**RAW SCORE = 49**

Lark St. Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span>		41.25
	A	<input checked="" type="checkbox"/> <b>M+</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
	C	<input type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>	
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		2.50
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		5.63
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
	<input checked="" type="checkbox"/>	Promotes water use efficiency	<input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
	<input type="checkbox"/>	Over 50% of project costs available from other agencies	
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.



# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Lark St. Water Main**

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**Water Supply (E 2)** Impact = ; Probability = 75.00 ← Totals from

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

*During a repair, an inspection showed a section AC pipe is soft from water saturation of pipe wall.*

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100%

**Medium** – Possible 35% – 85% ←

**Low** – Unlikely or rare 0% – 35%

Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers. ← Affects Service Area 1

**Low (L)** – Provides benefits for less than 10,000 customers.

Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years.

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. ←

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 73**  
**RAW SCORE = 58**

Grove St. Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span>		50.25
	A	<input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
C	<input checked="" type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>		
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		2.50
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>Positive Interaction (E 4)</b> - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input type="checkbox"/>	With other agencies
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		5.63
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
<input checked="" type="checkbox"/>	Promotes water use efficiency	<input checked="" type="checkbox"/>	Promotes energy efficiency or incorporates energy efficient features
<input type="checkbox"/>	Promotes groundwater basin management		
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
<input type="checkbox"/>	Over 50% of project costs available from other agencies		
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Grove St. Water Main**

	<b>Water Supply (E 2)</b>	Impact =	Probability =	75.00	<-- Totals fro																							
<p>Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure</p>																												
<b>Criterion A: Protecting Existing Assets</b>																												
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<table border="1" style="margin: auto;"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Probability</th> </tr> <tr> <th colspan="2"></th> <th>High</th> <th>Med.</th> <th>Low</th> </tr> </thead> <tbody> <tr> <th rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">Impact</th> <th>High</th> <td style="text-align: center;">H+ 55</td> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> </tr> <tr> <th>Med.</th> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> </tr> <tr> <th>Low</th> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> <td style="text-align: center;">L 5.5</td> </tr> </tbody> </table>								Probability					High	Med.	Low	Impact	High	H+ 55	H- 42	M+ 30	Med.	H- 42	M+ 30	M- 17	Low	M+ 30	M- 17	L 5.5
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<p><input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.</p>																												
<b>Criterion C: Project Urgency</b>																												
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<p><input type="checkbox"/> I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.</p>																												

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 91**  
**RAW SCORE = 73**

Well Rehabilitation Program

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span>		68.25
	A	<input checked="" type="checkbox"/> <b>H+</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
	C	<input type="checkbox"/> <b>I</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>	
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		2.50
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		1.88
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
	<input type="checkbox"/>	Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
	<input type="checkbox"/>	Over 50% of project costs available from other agencies	
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

## WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

Project Name Here **Well Rehabilitation Program**

PRIORITY SCORE =  
RAW SCORE = 100

	<p><b>Water Supply (E 2)</b> Impact = ; Probability = <span style="float: right;">75.00</span> &lt;-- Totals from</p> <p>Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure</p>																							
<p><b>WATER SUPPLY OBJECTIVE</b> (75% of Raw Score)</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.</p>	<p><b>Criterion A: Protecting Existing Assets</b> Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". 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However, the system will advance to a higher state of risk, or the project is related to a backup system.</p> <p><b>Probability of Impact occurring:</b>  <b>High</b> – Likely to almost certain 65% – 100% <i>Prod. &amp; water quality will decline w/o rehabs.</i>  <b>Medium</b> – Possible 35% – 65%  <b>Low</b> – Unlikely or rare 0% – 35%</p> <p><input type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.</p>			Probability					High	Med.	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<p><b>Criterion B: Improving Existing Assets</b> Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".</p> <p><b>Definition:</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].</p> <p><b>Effect of Project Impact:</b>  <b>High (H)</b> – Provides benefits for more than 30,000 customers.  <b>Medium (M)</b> – Provides benefits for 10,000 to 30,000 customers. <i>Affects Service Area 1 customers.</i>  <b>Low (L)</b> – Provides benefits for less than 10,000 customers.</p> <p><input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.</p>																								
<p><b>Criterion C: Project Urgency</b> Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".</p> <p><b>Definition:</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.</p> <p><b>Project Urgency:</b>  <b>Immediate Need (I)</b> – Project is needed to meet current demands or regulations within the next three (3) years. <i>→</i>  <b>Short-Term Need (S)</b> – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.  <b>Long-Term Need (L)</b> – Project is needed to meet demands beyond the next five (5) years.</p> <p><input type="checkbox"/> I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.</p>																								

## FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 66**  
**RAW SCORE = 53**

Railroad Corridor Water Line

<b>PRIMARY OBJECTIVE</b> (75%)	<p><b>Water Supply (E 2)</b> <span style="float: right;">Impact = M ; Probability = H</span> <span style="float: right;">41.25</span></p> <p>A <input checked="" type="checkbox"/> <b>M+</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b></p> <p>B <input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b></p> <p>C <input checked="" type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b></p>
<b>SOCIAL FACTORS</b> (7.5%)	<p><b>Social Factor</b> - Check if applicable <span style="float: right;">7.50</span></p> <p><input checked="" type="checkbox"/> Promotes Emergency Recovery</p> <p><b>Positive Interaction (E 4)</b> - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input checked="" type="checkbox"/> With other agencies</span></p>
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<p><b>Water Quality (E 3.2)</b> - Check if applicable <span style="float: right;">3.75</span></p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p><b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply</p> <p><input type="checkbox"/> Promotes water use efficiency <span style="margin-left: 100px;"><input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</span></p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
<b>ECONOMIC FACTORS</b> (10%)	<p><b>Lifecycle costs are minimized</b> - Check One <span style="float: right;">0.00</span></p> <p><input type="checkbox"/> Annual cost savings of more than \$50,000</p> <p><input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000</p> <p><input type="checkbox"/> Annual cost savings of less than \$10,000</p> <p><b>Funding Available from Other Agencies</b> - Check One</p> <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p><input type="checkbox"/> 26% to 50% of project costs available from other agencies</p> <p><input type="checkbox"/> Up to 25% of project costs available from other agencies</p>

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

## WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

Project Name Here **Railroad Corridor Water Line**

**PRIORITY SCORE =**  
**RAW SCORE = 100**

	<p><b>Water Supply (E 2)</b> <span style="float: right;">Impact = ; Probability = <span style="border: 1px solid black; padding: 2px;">75.00</span></span> <span style="float: right;">← Totals from</span></p> <p>Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure</p>																							
<p><b>WATER SUPPLY OBJECTIVE</b> (75% of Raw Score)</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.</p>	<p><b>Criterion A: Protecting Existing Assets</b> Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2"></th> <th colspan="3" style="text-align: center;">Probability</th> </tr> <tr> <th colspan="2"></th> <th style="text-align: center;">High</th> <th style="text-align: center;">Med.</th> <th style="text-align: center;">Low</th> </tr> </thead> <tbody> <tr> <th rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">Impact</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">High</th> <td style="text-align: center;">H+ 55</td> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> </tr> <tr> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Med.</th> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> </tr> <tr> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Low</th> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> <td style="text-align: center;">L 5.5</td> </tr> </tbody> </table> <p><b>Definition:</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.</p> <p><b>Impact:</b>  <b>High</b> – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.  <b>Medium</b> – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup. <i>This proj. installs a major T-main between RRUTP &amp; Hampton allowing for much greater redundancy in EGWD distr. system</i>  <b>Low</b> – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.</p> <p><b>Probability of impact occurring:</b>  <b>High</b> – Likely to almost certain 65% – 100%  <b>Medium</b> – Possible 35% – 65%  <b>Low</b> – Unlikely or rare 0% – 35%</p> <p><input type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.</p>			Probability					High	Med.	Low	Impact	High	H+ 55	H- 42	M+ 30	Med.	H- 42	M+ 30	M- 17	Low	M+ 30	M- 17	L 5.5
			Probability																					
			High	Med.	Low																			
	Impact	High	H+ 55	H- 42	M+ 30																			
Med.		H- 42	M+ 30	M- 17																				
Low		M+ 30	M- 17	L 5.5																				
<p><b>Criterion B: Improving Existing Assets</b> Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".</p> <p><b>Definition:</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].</p> <p><b>Effect of Project Impact:</b>  <b>High (H)</b> – Provides benefits for more than 30,000 customers.  <b>Medium (M)</b> – Provides benefits for 10,000 to 30,000 customers. <i>Impacts Service Area 1 primarily</i>  <b>Low (L)</b> – Provides benefits for less than 10,000 customers.</p> <p><input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.</p>																								
<p><b>Criterion C: Project Urgency</b> Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".</p> <p><b>Definition:</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.</p> <p><b>Project Urgency:</b>  <b>Immediate Need (I)</b> – Project is needed to meet current demands or regulations within the next three (3) years.  <b>Short-Term Need (S)</b> – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.  <b>Long-Term Need (L)</b> – Project is needed to meet demands beyond the next five (5) years.</p> <p><input type="checkbox"/> I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.</p>																								

## FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 74**  
**RAW SCORE = 59**

### Backyard Water Mains/Services Replacement

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = M ; Probability = M</span> <span style="float: right; border: 1px solid black; padding: 2px;">50.25</span> A <input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b> B <input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b> C <input checked="" type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">5.00</span> <input type="checkbox"/> Promotes Emergency Recovery <b>Positive Interaction (E 4)</b> - Check all that apply <input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input checked="" type="checkbox"/> With other agencies</span>
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">3.75</span> <input checked="" type="checkbox"/> Promotes drinking water quality <b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply <input type="checkbox"/> Promotes water use efficiency <span style="margin-left: 100px;"><input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</span> <input type="checkbox"/> Promotes groundwater basin management
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One <span style="float: right; border: 1px solid black; padding: 2px;">0.00</span> <input type="checkbox"/> Annual cost savings of more than \$50,000 <input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000 <input type="checkbox"/> Annual cost savings of less than \$10,000 <b>Funding Available from Other Agencies</b> - Check One <input type="checkbox"/> Over 50% of project costs available from other agencies <input type="checkbox"/> 26% to 50% of project costs available from other agencies <input type="checkbox"/> Up to 25% of project costs available from other agencies

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.



# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Backyard Water Mains/Services Replacements**

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**Water Supply (E 2)**

Impact = ; Probability = 75.00 ← Totals from

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100%

**Medium** – Possible 35% – 65%

**Low** – Unlikely or rare 0% – 35%

*Backyard mains undersized and difficult to access to repair leaks. Current configuration has District-owned infrastructure related to front-yard meters on private property.*

**H+** Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers. ← *Impacts areas of Service Area 1*

**Low (L)** – Provides benefits for less than 10,000 customers.

**H** Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years.

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. ←

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

**I** Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 54**  
**RAW SCORE = 43**

Cadura Circle Water Main Looping

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = M ; Probability = M</span>		34.50
	A	<input checked="" type="checkbox"/> <b>M+</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input type="checkbox"/> <b>L</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
C	<input type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>		
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		5.00
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>Positive Interaction (E 4)</b> - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/>	With other agencies
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		3.75
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
<input type="checkbox"/>	Promotes water use efficiency	<input checked="" type="checkbox"/>	Promotes energy efficiency or incorporates energy efficient features
<input type="checkbox"/>	Promotes groundwater basin management		
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
	<input type="checkbox"/>	Over 50% of project costs available from other agencies	
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY PROJECTS Priority Ranking Criteria

**PRIORITY SCORE =**  
**RAW SCORE = 100**

Project Name Here **Cadura Circle Water Main Looping**

Impact = ; Probability = 75.00 <-- Totals from

**Water Supply (E 2)**

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100%

**Medium** – Possible 35% – 65%

**Low** – Unlikely or rare 0% – 35%

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers.

**Low (L)** – Provides benefits for less than 10,000 customers.

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years.

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

## FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 54**  
**RAW SCORE = 43**

Kilkenny Ct. Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = M ; Probability = M</span> <span style="float: right; border: 1px solid black; padding: 2px;">34.50</span> A <input checked="" type="checkbox"/> <b>M+</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b> B <input type="checkbox"/> <b>L</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b> C <input type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">5.00</span> <input type="checkbox"/> Promotes Emergency Recovery <b>Positive Interaction (E 4)</b> - Check all that apply <input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input checked="" type="checkbox"/> With other agencies</span>
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">3.75</span> <input checked="" type="checkbox"/> Promotes drinking water quality <b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply <input type="checkbox"/> Promotes water use efficiency <span style="margin-left: 100px;"><input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</span> <input type="checkbox"/> Promotes groundwater basin management
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One <span style="float: right; border: 1px solid black; padding: 2px;">0.00</span> <input type="checkbox"/> Annual cost savings of more than \$50,000 <input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000 <input type="checkbox"/> Annual cost savings of less than \$10,000 <b>Funding Available from Other Agencies</b> - Check One <input type="checkbox"/> Over 50% of project costs available from other agencies <input type="checkbox"/> 26% to 50% of project costs available from other agencies <input type="checkbox"/> Up to 25% of project costs available from other agencies

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS

## Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Kilkenny Ct. Water Main**

Impact = ; Probability = 75.00 <-- Totals from

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**Water Supply (E 2)**

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**  
Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M- 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.**

**Impact:**  
**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.  
**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup  
**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of Impact occurring:**  
**High** – Likely to almost certain 65% – 100%  
**Medium** – Possible 35% – 65% ←  
**Low** – Unlikely or rare 0% – 35%

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**  
Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**  
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**  
**High (H)** – Provides benefits for more than 30,000 customers.  
**Medium (M)** – Provides benefits for 10,000 to 30,000 customers.  
**Low (L)** – Provides benefits for less than 10,000 customers. ←

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**  
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**  
Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**  
**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years. ←  
**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.  
**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

## FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 54**  
**RAW SCORE = 43**

Leo Virgo Ct. Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = M ; Probability = M</span> <span style="float: right; border: 1px solid black; padding: 2px;">34.50</span> A <input checked="" type="checkbox"/> <b>M+</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b> B <input type="checkbox"/> <b>L</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b> C <input type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">5.00</span> <input type="checkbox"/> Promotes Emergency Recovery <b>Positive Interaction (E 4)</b> - Check all that apply <input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input checked="" type="checkbox"/> With other agencies</span>
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">3.75</span> <input checked="" type="checkbox"/> Promotes drinking water quality <b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply <input type="checkbox"/> Promotes water use efficiency <span style="margin-left: 100px;"><input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</span> <input type="checkbox"/> Promotes groundwater basin management
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One <span style="float: right; border: 1px solid black; padding: 2px;">0.00</span> <input type="checkbox"/> Annual cost savings of more than \$50,000 <input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000 <input type="checkbox"/> Annual cost savings of less than \$10,000 <b>Funding Available from Other Agencies</b> - Check One <input type="checkbox"/> Over 50% of project costs available from other agencies <input type="checkbox"/> 26% to 50% of project costs available from other agencies <input type="checkbox"/> Up to 25% of project costs available from other agencies

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS

## Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Leo Virgo Ct. Water Main**

**Water Supply (E 2)**

Impact = ; Probability = 75.00 <-- Totals from

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100%

**Medium** – Possible 35% – 65% ←

**Low** – Unlikely or rare 0% – 35%

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers.

**Low (L)** – Provides benefits for less than 10,000 customers. ←

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years. ←

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 64**  
**RAW SCORE = 52**

2nd Ave. Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = M ; Probability = M</span>		42.75
	A	<input checked="" type="checkbox"/> <b>M+</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input type="checkbox"/> <b>L</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
C	<input type="checkbox"/> <b>I</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>		
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		5.00
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>Positive Interaction (E 4)</b> - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies	
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		3.75
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
<input type="checkbox"/>	Promotes water use efficiency	<input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features	
<input type="checkbox"/>	Promotes groundwater basin management		
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
	<input type="checkbox"/>	Over 50% of project costs available from other agencies	
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.



# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE =**  
**RAW SCORE = 100**

Project Name Here **2nd Ave. Water Wain**

	<b>Water Supply (E 2)</b>	Impact =		Probability =	75.00	← Totals from	
WATER SUPPLY OBJECTIVE (75% of Raw Score)  This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.	Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure						
	<b>Criterion A: Protecting Existing Assets</b> Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:						
			<b>Probability</b> High    Med.    Low				
	<b>Impact</b>	<b>High</b>	H+ 55	H- 42	M+ 30	<b>Definition:</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.  <b>Impact:</b> <b>High</b> – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.  <b>Medium</b> – <u>Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup</u>  <b>Low</b> – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.  <b>Probability of impact occurring:</b>  <b>High</b> – Likely to almost certain 65% – 100%  <b>Medium</b> – Possible 35% – 65%  <b>Low</b> – Unlikely or rare 0% – 35%	
		<b>Med.</b>	H- 42	M+ 30	M- 17		
		<b>Low</b>	M+ 30	M- 17	L 5.5		
	<input type="checkbox"/> Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.						
	<b>Criterion B: Improving Existing Assets</b> Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".						
	<b>Definition:</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].						
	<b>Effect of Project Impact:</b> <b>High (H)</b> – Provides benefits for more than 30,000 customers.  <b>Medium (M)</b> – Provides benefits for 10,000 to 30,000 customers.  <b>Low (L)</b> – Provides benefits for less than 10,000 customers.						
<input type="checkbox"/> Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.							
<b>Criterion C: Project Urgency</b> Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".							
<b>Definition:</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.							
<b>Project Urgency:</b> <b>Immediate Need (I)</b> – Project is needed to meet current demands or regulations within the next three (3) years.  <b>Short-Term Need (S)</b> – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.  <b>Long-Term Need (L)</b> – Project is needed to meet demands beyond the next five (5) years.							
<input type="checkbox"/> Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.							

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 54**  
**RAW SCORE = 43**

Plaza Park Dr. Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = M ; Probability = M</span>		34.50
	A	<input checked="" type="checkbox"/> <b>M+</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input type="checkbox"/> <b>L</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
C	<input type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>		
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		5.00
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>Positive Interaction (E 4)</b> - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies	
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		3.75
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
<input type="checkbox"/>	Promotes water use efficiency	<input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features	
<input type="checkbox"/>	Promotes groundwater basin management		
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
	<input type="checkbox"/>	Over 50% of project costs available from other agencies	
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Plaza Park Dr. Water Main**

75.00 <-- Totals from

**Water Supply (E 2)**

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100%

**Medium** – Possible 35% – 65%

**Low** – Unlikely or rare 0% – 35%

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers.

**Low (L)** – Provides benefits for less than 10,000 customers.

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years.

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

WATER SUPPLY OBJECTIVE (75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 54**  
**RAW SCORE = 43**

Durango Wy. Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = M ; Probability = M</span>		34.50
	A	<input checked="" type="checkbox"/> <b>M+</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input type="checkbox"/> <b>L</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
C	<input type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>		
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		5.00
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>Positive Interaction (E 4)</b> - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/>	With other agencies
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		3.75
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
<input type="checkbox"/>	Promotes water use efficiency	<input checked="" type="checkbox"/>	Promotes energy efficiency or incorporates energy efficient features
<input type="checkbox"/>	Promotes groundwater basin management		
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
	<input type="checkbox"/>	Over 50% of project costs available from other agencies	
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS

## Priority Ranking Criteria

Project Name Here **Durango Wy. Water Main**

**PRIORITY SCORE =**  
**RAW SCORE = 100**

Impact = ; Probability = 75.00 <-- Totals from

**Water Supply (E 2)**

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

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**Criterion A: Protecting Existing Assets**  
Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**  
**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.  
**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup  
**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**  
**High** – Likely to almost certain 65% – 100%  
**Medium** – Possible 35% – 65% →  
**Low** – Unlikely or rare 0% – 35%

**H+** Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

---

**Criterion B: Improving Existing Assets**  
Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**  
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**  
**High (H)** – Provides benefits for more than 30,000 customers.  
**Medium (M)** – Provides benefits for 10,000 to 30,000 customers.  
**Low (L)** – Provides benefits for less than 10,000 customers. →

**H** Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

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**Criterion C: Project Urgency**  
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**  
Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**  
**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years.  
**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. →  
**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

**I** Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 54**  
**RAW SCORE = 43**

Aizenberg Cir. Water Main

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = M ; Probability = M</span>		34.50
	A	<input checked="" type="checkbox"/> <b>M+</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input type="checkbox"/> <b>L</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
	C	<input type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>	
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		5.00
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		3.75
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
	<input type="checkbox"/>	Promotes water use efficiency	<input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
	<input type="checkbox"/>	Over 50% of project costs available from other agencies	
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS

## Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Aizenberg Cir. Water Main Looping**

	<p><b>Water Supply (E 2)</b> Impact = ; Probability = <span style="float: right;">75.00</span> &lt;-- Totals from</p> <p>Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure</p>																							
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">WATER SUPPLY OBJECTIVE (75% of Raw Score)  This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.</p>	<p><b>Criterion A: Protecting Existing Assets</b> Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="3" style="text-align: center;">Probability</th> </tr> <tr> <th colspan="2"></th> <th style="text-align: center;">High</th> <th style="text-align: center;">Med.</th> <th style="text-align: center;">Low</th> </tr> </thead> <tbody> <tr> <td rowspan="3" style="vertical-align: middle; text-align: center;">Impact</td> <td style="text-align: center;">High</td> <td style="text-align: center;">H+ 55</td> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> </tr> <tr> <td style="text-align: center;">Med.</td> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> </tr> <tr> <td style="text-align: center;">Low</td> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> <td style="text-align: center;">L 5.5</td> </tr> </tbody> </table> <p><b>Definition:</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.</p> <p><b>Impact:</b>  <b>High</b> – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.  <b>Medium</b> – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup  <b>Low</b> – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.</p> <p><b>Probability of impact occurring:</b>  <b>High</b> – Likely to almost certain 65% – 100%  <b>Medium</b> – Possible 35% – 65% ←  <b>Low</b> – Unlikely or rare 0% – 35%</p> <p><input type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.</p>			Probability					High	Med.	Low	Impact	High	H+ 55	H- 42	M+ 30	Med.	H- 42	M+ 30	M- 17	Low	M+ 30	M- 17	L 5.5
			Probability																					
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Low		M+ 30	M- 17	L 5.5																				
<p><b>Criterion B: Improving Existing Assets</b> Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".</p> <p><b>Definition:</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].</p> <p><b>Effect of Project Impact:</b>  <b>High (H)</b> – Provides benefits for more than 30,000 customers.  <b>Medium (M)</b> – Provides benefits for 10,000 to 30,000 customers.  <b>Low (L)</b> – Provides benefits for less than 10,000 customers. ←</p> <p><input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.</p>																								
<p><b>Criterion C: Project Urgency</b> Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".</p> <p><b>Definition:</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.</p> <p><b>Project Urgency:</b>  <b>Immediate Need (I)</b> – Project is needed to meet current demands or regulations within the next three (3) years.  <b>Short-Term Need (S)</b> – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. ←  <b>Long-Term Need (L)</b> – Project is needed to meet demands beyond the next five (5) years.</p> <p><input type="checkbox"/> I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.</p>																								

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS**  
**Priority Ranking Criteria**

**PRIORITY SCORE = 79**  
**RAW SCORE = 64**

**Service Line Replacements**

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = M ; Probability = H</span>		58.50
	A	<input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
C	<input type="checkbox"/> <b>I</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>		
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		5.00
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>Positive Interaction (E 4)</b> - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies	
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		0.00
	<input type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
<input type="checkbox"/>	Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features	
<input type="checkbox"/>	Promotes groundwater basin management		
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
<input type="checkbox"/>	Over 50% of project costs available from other agencies		
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.



# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Service Line Replacements**

	<b>Water Supply (E 2)</b>	Impact =	Probability =	75.00	← Totals from										
<p>Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure</p>															
<p><b>Criterion A: Protecting Existing Assets</b> Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:</p>															
<p><b>Probability</b></p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">High</td> <td style="text-align: center;">Med.</td> <td style="text-align: center;">Low</td> </tr> </table>							High	Med.	Low						
	High	Med.	Low												
Impact	High	<table border="1" style="border-collapse: collapse;"> <tr> <td style="text-align: center;">H+</td> <td style="text-align: center;">H-</td> <td style="text-align: center;">M+</td> </tr> <tr> <td style="text-align: center;">55</td> <td style="text-align: center;">42</td> <td style="text-align: center;">30</td> </tr> </table>	H+	H-	M+	55	42	30	<table border="1" style="border-collapse: collapse;"> <tr> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> <td style="text-align: center;">L</td> </tr> <tr> <td style="text-align: center;">30</td> <td style="text-align: center;">17</td> <td style="text-align: center;">5.5</td> </tr> </table>	M+	M-	L	30	17	5.5
	H+	H-	M+												
	55	42	30												
M+	M-	L													
30	17	5.5													
Med.	<table border="1" style="border-collapse: collapse;"> <tr> <td style="text-align: center;">H-</td> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> </tr> <tr> <td style="text-align: center;">42</td> <td style="text-align: center;">30</td> <td style="text-align: center;">17</td> </tr> </table>	H-	M+	M-	42	30	17	<table border="1" style="border-collapse: collapse;"> <tr> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> <td style="text-align: center;">L</td> </tr> <tr> <td style="text-align: center;">30</td> <td style="text-align: center;">17</td> <td style="text-align: center;">5.5</td> </tr> </table>	M+	M-	L	30	17	5.5	
H-	M+	M-													
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M+	M-	L													
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M+	M-	L													
30	17	5.5													

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.  **Impact:**  High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.  Medium – Without the project, the District likely can continue meeting current or future demands, and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup. *Numerous pothole repairs exist throughout City streets as a result of this proj. These need to get fixed per the City's standards*  Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.  **Probability of impact occurring:**  High – Likely to almost certain 65% – 100%  Medium – Possible 35% – 65%  Low – Unlikely or rare 0% – 35%					
**H+** Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.					
**Criterion B: Improving Existing Assets** Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".  **Definition:** Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure (Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance).  **Effect of Project Impact:**  High (H) – Provides benefits for more than 30,000 customers.  Medium (M) – Provides benefits for 10,000 to 30,000 customers. *← Service Area 1*  Low (L) – Provides benefits for less than 10,000 customers.					
**H** Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.					
**Criterion C: Project Urgency** Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".  **Definition:** Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.  **Project Urgency:**  Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years.  Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.  Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.					
**I** Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.					

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 70**  
**RAW SCORE = 56**

**Chlorine Analyzers Shallow Wells**

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span>		49.50
	A	<input checked="" type="checkbox"/> <b>M+</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
C	<input type="checkbox"/> <b>I</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>		
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		5.00
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>Positive Interaction (E 4)</b> - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies	
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		1.88
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
<input type="checkbox"/>	Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features	
<input type="checkbox"/>	Promotes groundwater basin management		
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
<input type="checkbox"/>	Over 50% of project costs available from other agencies		
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS

## Priority Ranking Criteria

Project Name Here **Chlorine Analyzers Shallow Wells**

**PRIORITY SCORE =**  
**RAW SCORE = 100**

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100%

**Medium** – Possible 35% – 65% ←

**Low** – Unlikely or rare 0% – 35%

**H+** Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers. ← Service Area 1

**Low (L)** – Provides benefits for less than 10,000 customers.

**H** Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years. ←

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

## FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 71**  
**RAW SCORE = 57**

### Media Replacement - RRWTP Filter Vessels

<b>PRIMARY OBJECTIVE</b> (75%)	<p><b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span> <span style="float: right;">50.25</span></p> <p>A <input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b></p> <p>B <input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b></p> <p>C <input checked="" type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b></p>
<b>SOCIAL FACTORS</b> (7.5%)	<p><b>Social Factor</b> - Check if applicable <span style="float: right;">5.00</span></p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p><b>Positive Interaction (E 4)</b> - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input checked="" type="checkbox"/> With other agencies</span></p>
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<p><b>Water Quality (E 3.2)</b> - Check if applicable <span style="float: right;">1.88</span></p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p><b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply</p> <p><input type="checkbox"/> Promotes water use efficiency <span style="margin-left: 100px;"><input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</span></p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
<b>ECONOMIC FACTORS</b> (10%)	<p><b>Lifecycle costs are minimized</b> - Check One <span style="float: right;">0.00</span></p> <p><input type="checkbox"/> Annual cost savings of more than \$50,000</p> <p><input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000</p> <p><input type="checkbox"/> Annual cost savings of less than \$10,000</p> <p><b>Funding Available from Other Agencies</b> - Check One</p> <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p><input type="checkbox"/> 26% to 50% of project costs available from other agencies</p> <p><input type="checkbox"/> Up to 25% of project costs available from other agencies</p>

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Media Replacement - RRWTP Filter Vessels**

75.00 ← Totals from

**Water Supply (E 2)**

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100% ←

**Medium** – Possible 35% – 65%

**Low** – Unlikely or rare 0% – 35%

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers. ← Service Area 1

**Low (L)** – Provides benefits for less than 10,000 customers.

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years.

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. ←

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

## FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 71**  
**RAW SCORE = 57**

### Media Replacement - HVWTP Filter Vessels

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span> <span style="float: right; border: 1px solid black; padding: 2px;">50.25</span> A <input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b> B <input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b> C <input checked="" type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">5.00</span> <input type="checkbox"/> Promotes Emergency Recovery <b>Positive Interaction (E 4)</b> - Check all that apply <input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input checked="" type="checkbox"/> With other agencies</span>
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">1.88</span> <input checked="" type="checkbox"/> Promotes drinking water quality <b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply <input type="checkbox"/> Promotes water use efficiency <span style="margin-left: 100px;"><input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</span> <input type="checkbox"/> Promotes groundwater basin management
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One <span style="float: right; border: 1px solid black; padding: 2px;">0.00</span> <input type="checkbox"/> Annual cost savings of more than \$50,000 <input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000 <input type="checkbox"/> Annual cost savings of less than \$10,000 <b>Funding Available from Other Agencies</b> - Check One <input type="checkbox"/> Over 50% of project costs available from other agencies <input type="checkbox"/> 26% to 50% of project costs available from other agencies <input type="checkbox"/> Up to 25% of project costs available from other agencies

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Media Replacement - HVWTP Filter Vessels**

75.00 ← Totals from

**Water Supply (E 2)**

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100% ←

**Medium** – Possible 35% – 65%

**Low** – Unlikely or rare 0% – 35%

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers. ← Service Area 1

**Low (L)** – Provides benefits for less than 10,000 customers.

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years.

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. ←

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 82**  
**RAW SCORE = 65**

PLC/MCC Bucket Replacement (Wells 4D & 11D)

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span>		58.50
	A	<input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
	C	<input type="checkbox"/> <b>I</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>	
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
<b>Positive Interaction (E 4)</b> - Check all that apply			
<input checked="" type="checkbox"/> With the Community		<input checked="" type="checkbox"/> With other agencies	
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		1.88
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
	<input type="checkbox"/> Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features	
<input type="checkbox"/> Promotes groundwater basin management			
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	<b>Funding Available from Other Agencies</b> - Check One		
	<input type="checkbox"/> Over 50% of project costs available from other agencies		
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.



## WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **PLC/MCC Bucket Replacement (Wells 4D & 11D)**

75.00 <-- Totals fro

**Water Supply (E 2)**

Impact = ; Probability =

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup *without the PLC, the wells cannot be operated in automation with the RRWTP*

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100% ←

**Medium** – Possible 35% – 65%

**Low** – Unlikely or rare 0% – 35%

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers. ← *Service Area 1*

**Low (L)** – Provides benefits for less than 10,000 customers.

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years. ←

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

WATER SUPPLY OBJECTIVE (75% of Raw Score) This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

## FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 71**  
**RAW SCORE = 57**

PLC - RRWTP Main & Filter Panel

<b>PRIMARY OBJECTIVE</b> (75%)	<p><b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span> <span style="float: right; border: 1px solid black; padding: 2px;">50.25</span></p> <p>A <input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b></p> <p>B <input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b></p> <p>C <input checked="" type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b></p>
<b>SOCIAL FACTORS</b> (7.5%)	<p><b>Social Factor</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">5.00</span></p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p><b>Positive Interaction (E 4)</b> - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input checked="" type="checkbox"/> With other agencies</span></p>
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<p><b>Water Quality (E 3.2)</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">1.88</span></p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p><b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply</p> <p><input type="checkbox"/> Promotes water use efficiency <span style="margin-left: 100px;"><input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</span></p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
<b>ECONOMIC FACTORS</b> (10%)	<p><b>Lifecycle costs are minimized</b> - Check One <span style="float: right; border: 1px solid black; padding: 2px;">0.00</span></p> <p><input type="checkbox"/> Annual cost savings of more than \$50,000</p> <p><input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000</p> <p><input type="checkbox"/> Annual cost savings of less than \$10,000</p> <p><b>Funding Available from Other Agencies</b> - Check One</p> <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p><input type="checkbox"/> 26% to 50% of project costs available from other agencies</p> <p><input type="checkbox"/> Up to 25% of project costs available from other agencies</p>

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **PLC - RRWTP Main & Filter Panel**

75.00 <-- Totals from

**Water Supply (E 2)**

Impact = ; Probability =

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup *without the PLC, the wells cannot be operated in automation with the RRWTP*

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100% ←

**Medium** – Possible 35% – 65%

**Low** – Unlikely or rare 0% – 35%

Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers. ← *Service Area 1*

**Low (L)** – Provides benefits for less than 10,000 customers.

Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years.

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. ←

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 79**  
**RAW SCORE = 63**

**Security Cameras**

<b>PRIMARY OBJECTIVE</b> (75%)	<b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span>		58.50
	A	<input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b>	
	B	<input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b>	
C	<input checked="" type="checkbox"/> <b>I</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b>		
<b>SOCIAL FACTORS</b> (7.5%)	<b>Social Factor</b> - Check if applicable		2.50
	<input type="checkbox"/>	Promotes Emergency Recovery	
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<b>Water Quality (E 3.2)</b> - Check if applicable		1.88
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		
<input type="checkbox"/>	Promotes water use efficiency	<input type="checkbox"/>	Promotes energy efficiency or incorporates energy efficient features
<input type="checkbox"/>	Promotes groundwater basin management		
<b>ECONOMIC FACTORS</b> (10%)	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
<input type="checkbox"/>	Over 50% of project costs available from other agencies		
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

**WATER SUPPLY / TREATMENT PROJECTS  
Priority Ranking Criteria**

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Security Cameras**

75.00 <-- Totals from

**Water Supply (E 2)**

Impact = ; Probability =

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup *Security is of high importance at the RRWTP.*

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100% ←

**Medium** – Possible 35% – 65%

**Low** – Unlikely or rare 0% – 35%

Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers. ← *Service Area 1*

**Low (L)** – Provides benefits for less than 10,000 customers.

Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years. ←

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

WATER SUPPLY OBJECTIVE (75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

## FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 71**  
**RAW SCORE = 57**

ChlorTec Electrolytic Cells Replacement

<b>PRIMARY OBJECTIVE</b> (75%)	<p><b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span> <span style="float: right; border: 1px solid black; padding: 2px;">50.25</span></p> <p>A <input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b></p> <p>B <input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b></p> <p>C <input checked="" type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b></p>
<b>SOCIAL FACTORS</b> (7.5%)	<p><b>Social Factor</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">5.00</span></p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p><b>Positive Interaction (E 4)</b> - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input checked="" type="checkbox"/> With other agencies</span></p>
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<p><b>Water Quality (E 3.2)</b> - Check if applicable <span style="float: right; border: 1px solid black; padding: 2px;">1.88</span></p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p><b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply</p> <p><input type="checkbox"/> Promotes water use efficiency <span style="margin-left: 100px;"><input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</span></p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
<b>ECONOMIC FACTORS</b> (10%)	<p><b>Lifecycle costs are minimized</b> - Check One <span style="float: right; border: 1px solid black; padding: 2px;">0.00</span></p> <p><input type="checkbox"/> Annual cost savings of more than \$50,000</p> <p><input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000</p> <p><input type="checkbox"/> Annual cost savings of less than \$10,000</p> <p><b>Funding Available from Other Agencies</b> - Check One</p> <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p><input type="checkbox"/> 26% to 50% of project costs available from other agencies</p> <p><input type="checkbox"/> Up to 25% of project costs available from other agencies</p>

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

Project Name Here **ChlorTec Electrolytic Cells Replacement**

PRIORITY SCORE =  
RAW SCORE = 100

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals from

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup *This equipment is critical to the RRWTP's disinfection system.*

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk or the project is related to a backup system.

**Probability of impact occurring:**

High – Likely to almost certain 65% – 100% →

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: Improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers. ← *Service Area 1*

Low (L) – Provides benefits for less than 10,000 customers.

Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years.

Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. →

Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.

Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

## FY 2021-2025 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 71**  
**RAW SCORE = 57**

### ChlorTec Controls & Rectifier Replacement

<b>PRIMARY OBJECTIVE</b> (75%)	<p><b>Water Supply (E 2)</b> <span style="float: right;">Impact = H ; Probability = H</span> <span style="float: right;">50.25</span></p> <p>A <input checked="" type="checkbox"/> <b>H-</b> Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. <b>(H+, H-, M+, M-, L)</b></p> <p>B <input checked="" type="checkbox"/> <b>M</b> Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. <b>(H, M, L)</b></p> <p>C <input checked="" type="checkbox"/> <b>S</b> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. <b>(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</b></p>
<b>SOCIAL FACTORS</b> (7.5%)	<p><b>Social Factor</b> - Check if applicable <span style="float: right;">5.00</span></p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p><b>Positive Interaction (E 4)</b> - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input checked="" type="checkbox"/> With other agencies</span></p>
<b>ENVIRONMENTAL FACTORS</b> (7.5%)	<p><b>Water Quality (E 3.2)</b> - Check if applicable <span style="float: right;">1.88</span></p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p><b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply</p> <p><input type="checkbox"/> Promotes water use efficiency <span style="margin-left: 100px;"><input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</span></p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
<b>ECONOMIC FACTORS</b> (10%)	<p><b>Lifecycle costs are minimized</b> - Check One <span style="float: right;">0.00</span></p> <p><input type="checkbox"/> Annual cost savings of more than \$50,000</p> <p><input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000</p> <p><input type="checkbox"/> Annual cost savings of less than \$10,000</p> <p><b>Funding Available from Other Agencies</b> - Check One</p> <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p><input type="checkbox"/> 26% to 50% of project costs available from other agencies</p> <p><input type="checkbox"/> Up to 25% of project costs available from other agencies</p>

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.



# WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **ChlorTec Controls & Rectifier Replacement**

75.00 <-- Totals from

**Water Supply (E 2)**

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

**Criterion A: Protecting Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

**Definition:** Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

**Impact:**

**High** – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

**Medium** – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup *This equipment is critical to the RRWTP's disinfection system.*

**Low** – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk or the project is related to a backup system.

**Probability of impact occurring:**

**High** – Likely to almost certain 65% – 100% →

**Medium** – Possible 35% – 65%

**Low** – Unlikely or rare 0% – 35%

**H+** Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Improving Existing Assets**

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

**Definition:**

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: Improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

**Effect of Project Impact:**

**High (H)** – Provides benefits for more than 30,000 customers.

**Medium (M)** – Provides benefits for 10,000 to 30,000 customers. ← *Service Area 1*

**Low (L)** – Provides benefits for less than 10,000 customers.

**H** Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Project Urgency**

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

**Definition:**

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

**Project Urgency:**

**Immediate Need (I)** – Project is needed to meet current demands or regulations within the next three (3) years.

**Short-Term Need (S)** – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. →

**Long-Term Need (L)** – Project is needed to meet demands beyond the next five (5) years.

**I** Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**WATER SUPPLY OBJECTIVE**  
(75% of Raw Score)  
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2021-2025 BUILDING & SITE / VEHICLES PROJECTS**  
**Priority Ranking Criteria**

**PRIORITY SCORE = 69**

**RAW SCORE = 55**

Truck Replacements

<b>PRIMARY OBJECTIVE (60%)</b>	<b>Buildings and Grounds (EL 3.4)</b> <span style="float: right;">Impact = M ; Probability = H</span>		53.40
	A	<input checked="" type="checkbox"/> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer or public safety standards.	
	B	<input checked="" type="checkbox"/> Project enhances building infrastructure to address treatment of staff or public issues.	
	C	<input checked="" type="checkbox"/> Project positions the District to meet projected future space needs.	
<b>CLEANER OBJECTIVE (10%)</b>	<b>Positive Interaction (E 4)</b> - Check all that apply		2.00
	<input checked="" type="checkbox"/>	With the Community	<input type="checkbox"/> With other agencies
	<b>Good Neighbor (E 4)</b> - Check all that apply		
	<input type="checkbox"/>	Graffiti removal or Prevention Features	
	<input type="checkbox"/>	Trash removal features (vortex weirs)	
	<input type="checkbox"/>	Improves esthetics of project location	
<b>GREENER OBJECTIVE (15%)</b>	<b>Natural Resources Sustainability (E 3.2)</b> - Check all that apply		0.00
	<input type="checkbox"/>	Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized
	<input type="checkbox"/>	Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input type="checkbox"/> Construction Site Waste Management
	<input type="checkbox"/>	Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste
	<input type="checkbox"/>	Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production
			<input type="checkbox"/> Use of Recycled or Alternative Building Materials
	<b>Trails &amp; Open Space (E3.3)</b> - Check all that apply		
	<input type="checkbox"/>	Trail friendly features	<input type="checkbox"/> Open Space Protection / Preservation
	<input type="checkbox"/>	Provides/Improves Bicycle Commute Route	
<b>LEANER OBJECTIVE (15%)</b>	<b>Lifecycle costs are minimized</b> - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies</b> - Check One		
	<input type="checkbox"/>	Over 50% of project costs available from other agencies	
	<input type="checkbox"/>	26% to 50% of project costs available from other agencies	
	<input type="checkbox"/>	Up to 25% of project costs available from other agencies	

# BUILDINGS & SITE / VEHICLES PROJECTS

## Priority Ranking Criteria

Project Name Here **Truck Replacements**

PRIORITY SCORE =  
RAW SCORE = 100

<b>BUILDINGS &amp; GROUNDS OBJECTIVE</b> Clean (60% of Raw Score)	<b>Buildings and Grounds (EL 3.4)</b>		Impact = ; Probability =	60.00
	Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.			
	<b>Criterion A: Protect Existing Assets</b>			
	Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:			
<b>Impact</b>	<b>Probability</b>			<p><b>Definition:</b> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.</p> <p><b>Impact:</b>  <u>High</u> – Without the project, District staff likely can not perform their normal daily work  <u>Medium</u> – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds. <i>Broken down equipment will result in this.</i>  <u>Low</u> – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.</p> <p><b>Probability of impact occurring:</b>  <u>High</u> – Likely to almost certain 65% – 100% <i>← Due to age, mileage and general conditions of equipment.</i>  <u>Medium</u> – Possible 35% – 65%  <u>Low</u> – Unlikely or rare 0% – 35%</p>
	High	Med.	Low	
	High	Med.	Low	
	High	Med.	Low	
High	H+ 55	H- 44	M+ 33	
Med.	H- 44	M+ 33	M- 19.3	
Low	M+ 33	M- 19.3	L 5.5	
<input type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.				
<b>Criterion B: Enhancement of Existing Assets</b>				
Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".				
<b>Definition:</b> Project enhances building infrastructure to address treatment of staff issues.				
<b>Effect of Project Impact:</b>				
<u>High</u> (H) – Provides benefits for all employees or the public. <i>← Impacts the public</i>				
<u>Medium</u> (M) – Provides benefits for between 10 to all employees.				
<u>Low</u> (L) – Provides benefits for below 10 employees.				
<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.				
<b>Criterion C: Addressing Future Space Needs</b>				
Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".				
<b>Definition:</b> Project positions the District to meet projected future space needs.				
<b>Effect of Project Impact:</b>				
<u>High</u> (H) – Meet projected demand 10 years in the future. <i>←</i>				
<u>Medium</u> (M) – Meet projected demand 10 to 20 years in the future.				
<u>Low</u> (L) – Meet projected demand beyond 20 years in the future.				
<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.				

## FY 2021-2025 BUILDING & SITE / VEHICLES PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 61**

Pavement Repair & Seal Coat - RRWTP

**RAW SCORE = 49**

<b>PRIMARY OBJECTIVE (60%)</b>	<b>Buildings and Grounds (EL 3.4)</b> <span style="float: right;">Impact = M ; Probability = H</span> <span style="float: right; border: 1px solid black; padding: 2px;">46.80</span> A <input checked="" type="checkbox"/> <b>M+</b> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer or public safety standards. B <input type="checkbox"/> <b>H</b> Project enhances building infrastructure to address treatment of staff or public issues. C <input type="checkbox"/> <b>H</b> Project positions the District to meet projected future space needs.										
<b>CLEANER OBJECTIVE (10%)</b>	<b>Positive Interaction (E 4) - Check all that apply</b> <span style="float: right; border: 1px solid black; padding: 2px;">2.00</span> <input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input type="checkbox"/> With other agencies</span> <b>Good Neighbor (E 4) - Check all that apply</b> <input type="checkbox"/> Graffiti removal or Prevention Features <input type="checkbox"/> Trash removal features (vortex weirs) <input type="checkbox"/> Improves esthetics of project location										
<b>GREENER OBJECTIVE (15%)</b>	<b>Natural Resources Sustainability (E 3.2) - Check all that apply</b> <span style="float: right; border: 1px solid black; padding: 2px;">0.00</span> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input type="checkbox"/> Air Quality &amp; Visibility Improvement</td> <td style="width: 50%; border: none;"><input type="checkbox"/> Recycled Water, rain water or gray water utilized</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)</td> <td style="border: none;"><input type="checkbox"/> Construction Site Waste Management</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Renewable Energy Use</td> <td style="border: none;"><input type="checkbox"/> Recycle/Re-use Solid Waste</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.</td> <td style="border: none;"><input type="checkbox"/> Reduce Solid Waste Production</td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;"><input type="checkbox"/> Use of Recycled or Alternative Building Materials</td> </tr> </table> <b>Trails &amp; Open Space (E3.3) - Check all that apply</b> <input type="checkbox"/> Trail friendly features <span style="margin-left: 100px;"><input type="checkbox"/> Open Space Protection / Preservation</span> <input type="checkbox"/> Provides/Improves Bicycle Commute Route	<input type="checkbox"/> Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized	<input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input type="checkbox"/> Construction Site Waste Management	<input type="checkbox"/> Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste	<input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production		<input type="checkbox"/> Use of Recycled or Alternative Building Materials
<input type="checkbox"/> Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized										
<input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input type="checkbox"/> Construction Site Waste Management										
<input type="checkbox"/> Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste										
<input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production										
	<input type="checkbox"/> Use of Recycled or Alternative Building Materials										
<b>LEANER OBJECTIVE (15%)</b>	<b>Lifecycle costs are minimized - Check One</b> <span style="float: right; border: 1px solid black; padding: 2px;">0.00</span> <input type="checkbox"/> Annual cost savings of more than \$50,000 <input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000 <input type="checkbox"/> Annual cost savings of less than \$10,000 <b>Funding Available from Other Agencies - Check One</b> <input type="checkbox"/> Over 50% of project costs available from other agencies <input type="checkbox"/> 26% to 50% of project costs available from other agencies <input type="checkbox"/> Up to 25% of project costs available from other agencies										

# BUILDINGS & SITE / VEHICLES PROJECTS

## Priority Ranking Criteria

Project Name Here **Pavement Repair & Seal Coat - RRWTP**

**PRIORITY SCORE =**  
**RAW SCORE = 100**

<b>BUILDINGS &amp; GROUNDS OBJECTIVE</b> Clean (60% of Raw Score)	<b>Buildings and Grounds (EL 3.4)</b>			Impact = ; Probability =	60.00
	Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.				
	<b>Criterion A: Protect Existing Assets</b>				
	Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:				
<b>Impact</b>	<b>Probability</b>			<p><b>Definition:</b> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.</p> <p><b>Impact:</b>  <u>High</u> – Without the project, District staff likely can not perform their normal daily work  <u>Medium</u> – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds.  <u>Low</u> – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.</p> <p><b>Probability of impact occurring:</b>  <u>High</u> – Likely to almost certain 65% – 100%  <u>Medium</u> – Possible 35% – 65%  <u>Low</u> – Unlikely or rare 0% – 35%</p>	
	High	Med.	Low		
	High	Med.	Low		
	High	Med.	Low		
	H+ 55	H- 44	M+ 33		
	H- 44	M+ 33	M- 19.3		
	M+ 33	M- 19.3	L 5.5		
<input type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.					
<b>Criterion B: Enhancement of Existing Assets</b>					
Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".					
<b>Definition:</b> Project enhances building infrastructure to address treatment of staff issues.					
<b>Effect of Project Impact:</b>					
<u>High (H)</u> – Provides benefits for all employees or the public.					
<u>Medium (M)</u> – Provides benefits for between 10 to all employees.					
<u>Low (L)</u> – Provides benefits for below 10 employees.					
<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.					
<b>Criterion C: Addressing Future Space Needs</b>					
Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".					
<b>Definition:</b> Project positions the District to meet projected future space needs.					
<b>Effect of Project Impact:</b>					
<u>High (H)</u> – Meet projected demand 10 years in the future.					
<u>Medium (M)</u> – Meet projected demand 10 to 20 years in the future.					
<u>Low (L)</u> – Meet projected demand beyond 20 years in the future.					
<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.					

## FY 2021-2025 BUILDING & SITE / VEHICLES PROJECTS Priority Ranking Criteria

**PRIORITY SCORE = 61**

Pavement Repair & Seal Coat - HVWTP

**RAW SCORE = 49**

<b>PRIMARY OBJECTIVE (60%)</b>	<b>Buildings and Grounds (EL 3.4)</b> <span style="float: right;">Impact = M ; Probability = H</span> <span style="float: right; border: 1px solid black; padding: 2px;">46.80</span> A <input checked="" type="checkbox"/> <b>M+</b> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer or public safety standards. B <input type="checkbox"/> <b>H</b> Project enhances building infrastructure to address treatment of staff or public issues. C <input type="checkbox"/> <b>H</b> Project positions the District to meet projected future space needs.										
<b>CLEANER OBJECTIVE (10%)</b>	<b>Positive Interaction (E 4) - Check all that apply</b> <span style="float: right; border: 1px solid black; padding: 2px;">2.00</span> <input checked="" type="checkbox"/> With the Community <span style="margin-left: 100px;"><input type="checkbox"/> With other agencies</span> <b>Good Neighbor (E 4) - Check all that apply</b> <input type="checkbox"/> Graffiti removal or Prevention Features <input type="checkbox"/> Trash removal features (vortex weirs) <input type="checkbox"/> Improves esthetics of project location										
<b>GREENER OBJECTIVE (15%)</b>	<b>Natural Resources Sustainability (E 3.2) - Check all that apply</b> <span style="float: right; border: 1px solid black; padding: 2px;">0.00</span> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input type="checkbox"/> Air Quality &amp; Visibility Improvement</td> <td style="width: 50%; border: none;"><input type="checkbox"/> Recycled Water, rain water or gray water utilized</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)</td> <td style="border: none;"><input type="checkbox"/> Construction Site Waste Management</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Renewable Energy Use</td> <td style="border: none;"><input type="checkbox"/> Recycle/Re-use Solid Waste</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.</td> <td style="border: none;"><input type="checkbox"/> Reduce Solid Waste Production</td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;"><input type="checkbox"/> Use of Recycled or Alternative Building Materials</td> </tr> </table> <b>Trails &amp; Open Space (E3.3) - Check all that apply</b> <input type="checkbox"/> Trail friendly features <span style="margin-left: 100px;"><input type="checkbox"/> Open Space Protection / Preservation</span> <input type="checkbox"/> Provides/Improves Bicycle Commute Route	<input type="checkbox"/> Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized	<input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input type="checkbox"/> Construction Site Waste Management	<input type="checkbox"/> Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste	<input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production		<input type="checkbox"/> Use of Recycled or Alternative Building Materials
<input type="checkbox"/> Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized										
<input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input type="checkbox"/> Construction Site Waste Management										
<input type="checkbox"/> Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste										
<input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production										
	<input type="checkbox"/> Use of Recycled or Alternative Building Materials										
<b>LEANER OBJECTIVE (15%)</b>	<b>Lifecycle costs are minimized - Check One</b> <span style="float: right; border: 1px solid black; padding: 2px;">0.00</span> <input type="checkbox"/> Annual cost savings of more than \$50,000 <input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000 <input type="checkbox"/> Annual cost savings of less than \$10,000 <b>Funding Available from Other Agencies - Check One</b> <input type="checkbox"/> Over 50% of project costs available from other agencies <input type="checkbox"/> 26% to 50% of project costs available from other agencies <input type="checkbox"/> Up to 25% of project costs available from other agencies										

# BUILDINGS & SITE / VEHICLES PROJECTS

## Priority Ranking Criteria

Project Name Here **Pavement Repair & Seal Coat - HVWTP**

**PRIORITY SCORE =**  
**RAW SCORE = 100**

<b>BUILDINGS &amp; GROUNDS OBJECTIVE</b> Clean (60% of Raw Score)	<b>Buildings and Grounds (EL 3.4)</b>			Impact = ; Probability =	60.00
	Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.				
	<b>Criterion A: Protect Existing Assets</b>				
	Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:				
<b>Impact</b>	<b>Probability</b>			<b>Definition: Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.</b>	
	High	Med.	Low		
	High	Med.	Low		
	H+	H-	M+	<b>Impact:</b>	
	55	44	33	<b>High</b> – Without the project, District staff likely can not perform their normal daily work	
	H-	M+	M-	<b>Medium</b> – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds.	
	44	33	19.3	<b>Low</b> – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.	
	M+	M-	L	<b>Probability of impact occurring:</b>	
	33	19.3	5.5	<b>High</b> – Likely to almost certain 65% – 100%	
				<b>Medium</b> – Possible 35% – 65%	
				<b>Low</b> – Unlikely or rare 0% – 35%	
<input type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.					
<b>Criterion B: Enhancement of Existing Assets</b>					
Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".					
<b>Definition:</b> Project enhances building infrastructure to address treatment of staff issues.					
<b>Effect of Project Impact:</b>					
<b>High (H)</b> – Provides benefits for all employees or the public.					
<b>Medium (M)</b> – Provides benefits for between 10 to all employees.					
<b>Low (L)</b> – Provides benefits for below 10 employees.					
<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.					
<b>Criterion C: Addressing Future Space Needs</b>					
Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".					
<b>Definition:</b> Project positions the District to meet projected future space needs.					
<b>Effect of Project Impact:</b>					
<b>High (H)</b> – Meet projected demand 10 years in the future.					
<b>Medium (M)</b> – Meet projected demand 10 to 20 years in the future.					
<b>Low (L)</b> – Meet projected demand beyond 20 years in the future.					
<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.					

## FY 2021-2025 BUILDING & SITE / VEHICLES PROJECTS Priority Ranking Criteria

PRIORITY SCORE = 75

RAW SCORE = 60

Vacuum Excavator

<b>PRIMARY OBJECTIVE (60%)</b>	<b>Buildings and Grounds (EL 3.4)</b> <span style="float: right;">Impact = M ; Probability = H</span> <div style="text-align: right; border: 1px solid black; padding: 2px;">53.40</div> <p>A <input checked="" type="checkbox"/> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer or public safety standards.</p> <p>B <input checked="" type="checkbox"/> Project enhances building infrastructure to address treatment of staff or public issues.</p> <p>C <input checked="" type="checkbox"/> Project positions the District to meet projected future space needs.</p>										
<b>CLEANER OBJECTIVE (10%)</b>	<b>Positive Interaction (E 4) - Check all that apply</b> <span style="float: right; border: 1px solid black; padding: 2px;">4.00</span> <input checked="" type="checkbox"/> With the Community <span style="margin-left: 150px;"><input checked="" type="checkbox"/> With other agencies</span>										
<b>GREENER OBJECTIVE (15%)</b>	<b>Natural Resources Sustainability (E 3.2) - Check all that apply</b> <span style="float: right; border: 1px solid black; padding: 2px;">2.50</span> <table style="width: 100%; border: none;"> <tr> <td style="border: none;"><input checked="" type="checkbox"/> Air Quality &amp; Visibility Improvement</td> <td style="border: none;"><input type="checkbox"/> Recycled Water, rain water or gray water utilized</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)</td> <td style="border: none;"><input checked="" type="checkbox"/> Construction Site Waste Management</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Renewable Energy Use</td> <td style="border: none;"><input type="checkbox"/> Recycle/Re-use Solid Waste</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.</td> <td style="border: none;"><input type="checkbox"/> Reduce Solid Waste Production</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Use of Recycled or Alternative Building Materials</td> <td style="border: none;"></td> </tr> </table> <b>Trails &amp; Open Space (E3.3) - Check all that apply</b> <input type="checkbox"/> Trail friendly features <span style="margin-left: 150px;"><input type="checkbox"/> Open Space Protection / Preservation</span> <input type="checkbox"/> Provides/Improves Bicycle Commute Route	<input checked="" type="checkbox"/> Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized	<input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input checked="" type="checkbox"/> Construction Site Waste Management	<input type="checkbox"/> Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste	<input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production	<input type="checkbox"/> Use of Recycled or Alternative Building Materials	
<input checked="" type="checkbox"/> Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized										
<input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input checked="" type="checkbox"/> Construction Site Waste Management										
<input type="checkbox"/> Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste										
<input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production										
<input type="checkbox"/> Use of Recycled or Alternative Building Materials											
<b>LEANER OBJECTIVE (15%)</b>	<b>Lifecycle costs are minimized - Check One</b> <span style="float: right; border: 1px solid black; padding: 2px;">0.00</span> <input type="checkbox"/> Annual cost savings of more than \$50,000 <input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000 <input type="checkbox"/> Annual cost savings of less than \$10,000										
	<b>Funding Available from Other Agencies - Check One</b> <input type="checkbox"/> Over 50% of project costs available from other agencies <input type="checkbox"/> 26% to 50% of project costs available from other agencies <input type="checkbox"/> Up to 25% of project costs available from other agencies										



# BUILDINGS & SITE / VEHICLES PROJECTS

## Priority Ranking Criteria

Project Name Here Vacuum Excavator

PRIORITY SCORE =  
RAW SCORE = 100

Buildings and Grounds (EL 3.4)	Impact =	; Probability =	<b>60.00</b>
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Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.

**Criterion A: Protect Existing Assets**

Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability			
		High	Med.	Low	
Impact	High	H+ 55	H- 44	M+ 33	<p><b>Definition:</b> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.</p> <p><b>Impact:</b>  <span style="color: red;">High</span> - Without the project, District staff likely can not perform their normal daily work <span style="color: red;">Critical piece of equipment used daily in operations.</span>                      Medium - Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds.                      Low - Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.</p> <p><b>Probability of impact occurring:</b>                      High - Likely to almost certain 65% - 100%                      Medium - Possible 35% - 65% <span style="color: red;">←</span>                      Low - Unlikely or rare 0% - 35%</p>
	Med.	H- 44	M+ 33	M- 19.3	
	Low	M+ 33	M- 19.3	L 5.5	

**H+** Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

**Criterion B: Enhancement of Existing Assets**

Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".

**Definition:**

Project enhances building infrastructure to address treatment of staff issues.

**Effect of Project Impact:**

**High (H)** - Provides benefits for all employees or the public. ←

**Medium (M)** - Provides benefits for between 10 to all employees.

**Low (L)** - Provides benefits for below 10 employees.

**H** Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

**Criterion C: Addressing Future Space Needs**

Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".

**Definition:**

Project positions the District to meet projected future space needs.

**Effect of Project Impact:**

**High (H)** - Meet projected demand 10 years in the future. ←

**Medium (M)** - Meet projected demand 10 to 20 years in the future.

**Low (L)** - Meet projected demand beyond 20 years in the future.

**H** Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

**BUILDINGS & GROUNDS OBJECTIVE**  
Clean (60% of Raw Score)

**FY 2021-2025 BUILDING & SITE / VEHICLES PROJECTS  
Priority Ranking Criteria**

**PRIORITY SCORE = 75**

**RAW SCORE = 60**

Backhoe Loader

<b>PRIMARY OBJECTIVE (60%)</b>	<b>Buildings and Grounds (EL 3.4)</b> <span style="float: right;">Impact = M ; Probability = H</span>		53.40
	A	<input checked="" type="checkbox"/> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer or public safety standards.	
	B	<input checked="" type="checkbox"/> Project enhances building infrastructure to address treatment of staff or public issues.	
	C	<input checked="" type="checkbox"/> Project positions the District to meet projected future space needs.	
<b>CLEANER OBJECTIVE (10%)</b>	<b>Positive Interaction (E 4) - Check all that apply</b>		4.00
	<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies
	<b>Good Neighbor (E 4) - Check all that apply</b>		
	<input type="checkbox"/>	Graffiti removal or Prevention Features	
	<input type="checkbox"/>	Trash removal features (vortex weirs)	
	<input type="checkbox"/>	Improves esthetics of project location	
<b>GREENER OBJECTIVE (15%)</b>	<b>Natural Resources Sustainability (E 3.2) - Check all that apply</b>		2.50
	<input checked="" type="checkbox"/>	Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized
	<input type="checkbox"/>	Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input checked="" type="checkbox"/> Construction Site Waste Management
	<input type="checkbox"/>	Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste
	<input type="checkbox"/>	Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production
			<input type="checkbox"/> Use of Recycled or Alternative Building Materials
	<b>Trails &amp; Open Space (E3.3) - Check all that apply</b>		
	<input type="checkbox"/>	Trail friendly features	<input type="checkbox"/> Open Space Protection / Preservation
	<input type="checkbox"/>	Provides/Improves Bicycle Commute Route	
<b>LEANER OBJECTIVE (15%)</b>	<b>Lifecycle costs are minimized - Check One</b>		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	<b>Funding Available from Other Agencies - Check One</b>		
	<input type="checkbox"/>	Over 50% of project costs available from other agencies	
	<input type="checkbox"/>	26% to 50% of project costs available from other agencies	
	<input type="checkbox"/>	Up to 25% of project costs available from other agencies	

# BUILDINGS & SITE / VEHICLES PROJECTS

## Priority Ranking Criteria

PRIORITY SCORE =  
RAW SCORE = 100

Project Name Here **Backhoe Loader**

<b>BUILDINGS &amp; GROUNDS OBJECTIVE</b> Clean (60% of Raw Score)	<b>Buildings and Grounds (EL 3.4)</b>		Impact = ; Probability =	60.00
	Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.			
	<b>Criterion A: Protect Existing Assets</b>			
	Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:			
<b>Impact</b>	<b>Probability</b>			<p><b>Definition:</b> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.</p> <p><b>Impact:</b>  <u>High</u> – Without the project, District staff likely can not perform their normal daily work <i>Critical piece of equipment &amp; used in operations.</i>  <u>Medium</u> – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds.  <u>Low</u> – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.</p> <p><b>Probability of impact occurring:</b>  <u>High</u> – Likely to almost certain 65% – 100%  <u>Medium</u> – Possible 35% – 65% ←  <u>Low</u> – Unlikely or rare 0% – 35%</p>
	High	Med.	Low	
	High	Med.	Low	
	High	Med.	Low	
High	H+ 55	H- 44	M+ 33	
Med.	H- 44	M+ 33	M- 19.3	
Low	M+ 33	M- 19.3	L 5.5	
<input type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.				
<b>Criterion B: Enhancement of Existing Assets</b>				
Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".				
<b>Definition:</b> Project enhances building infrastructure to address treatment of staff issues.				
<b>Effect of Project Impact:</b>				
<u>High (H)</u> – Provides benefits for all employees or the public. ←				
<u>Medium (M)</u> – Provides benefits for between 10 to all employees.				
<u>Low (L)</u> – Provides benefits for below 10 employees.				
<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.				
<b>Criterion C: Addressing Future Space Needs</b>				
Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".				
<b>Definition:</b> Project positions the District to meet projected future space needs.				
<b>Effect of Project Impact:</b>				
<u>High (H)</u> – Meet projected demand 10 years in the future. ←				
<u>Medium (M)</u> – Meet projected demand 10 to 20 years in the future.				
<u>Low (L)</u> – Meet projected demand beyond 20 years in the future.				
<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.				

May 19, 2020

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

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### **RECOMMENDATION**

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

1. Adopt Resolution No. 05.19.20.02, amending and replacing the Acceptance of Gifts, Entertainment, and Services Policy; and
2. Adopt Resolution No. 05.19.20.03, amending and replacing the Associate Directors Policy; and
3. Adopt Resolution No. 05.19.20.04, amending and replacing the Contributions, Donations, and Sponsorships Policy; and
4. Adopt Resolution No. 05.19.20.05, amending and replacing the Disclosure Compliance Policies and Procedures with the Debt Obligation Continuing Disclosure Policy; and
5. Adopt Resolution No. 05.19.20.06, amending and replacing the Fixed Assets Policy with the Capital Assets Policy; and
6. Adopt Resolution No. 05.19.20.07, amending and replacing the Professional and Civic Memberships Policy.

### **SUMMARY**

One (1) of the Specific Key Objectives stated in the Elk Grove Water District (EGWD) Fiscal Year 2019-20 Operating Budget is to “Complete the review and update of all Board policies” (Policies). Staff, with the assistance of Regional Government Services (RGS), General Counsel Ren Nosky, and Board Working Groups (BWG) have prepared and reviewed the following draft amended Policies: Acceptance of Gifts, Entertainment, and Services Policy, Associate Directors Policy, Capital Assets Policy, Contributions, Donations, and Sponsorships Policy, Debt Obligation Continuing Disclosure Policy, and Professional and Civic Memberships Policy.

By these actions, if approved, the Florin Resource Conservation District (District) Board of Directors (Board) would adopt Resolution No. 05.19.20.02 through 05.19.20.07.

## **BOARD POLICIES**

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### **DISCUSSION**

#### **Background**

On June 19, 2019, the Board adopted Resolution No. 06.19.19.01, approving the EGWD Fiscal Year 2019-20 Operating Budget. One (1) of the Specific Key Objectives in the Operating Budget is to “Complete the review and update of all Board policies” by June 2020.

Most of the Policies needed an update to meet current laws, regulations, and guidelines, as well as new formatting. The Policies provide guidelines for the Board and staff to follow while conducting District business. Staff retained RGS to assist with updating the Policies.

#### **Present Situation**

Staff, with the assistance of RGS, General Counsel Ren Nosky, and BWG’s have prepared draft amended Policies.

A summary of the substantive changes the BWG’s developed relative to each of the proposed Policies (attached) is provided below:

#### **1. Acceptance of Gifts, Entertainment, and Services Policy**

Board Working Group: Elliot Mulberg and Sophia Scherman

The District’s Acceptance of Gifts, Entertainment and Services Policy did not require substantial changes. The only significant change was the Fair Political Practices Commission required reportable disclosure amount was increased from \$25 to \$50 to meet the current limit.

#### **2. Associate Directors Policy**

Board Working Group: Tom Nelson and Sophia Scherman

The District’s Associate Director Policy did not require substantive changes. With the amendment and replacement of the Associate Director Policy, under qualifications, the requirement of a resume was eliminated and only two (2) letters of recommendations will be required. One (1) additional change is the requirement of attendance.

## **BOARD POLICIES**

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Page 3

### **3. Contributions, Donations, and Sponsorships Policy**

Board Working Group: Lisa Medina and Sophia Scherman

The District's Contributions, Donations, and Sponsorships Policy required substantive changes. The amendment and replacement of the Contributions, Donations, and Sponsorships Policy has been revised to reflect the declaration made by the FRCD in February 2018 that the FRCD will only perform water related activities that provide a benefit to the Elk Grove Water District Ratepayers. Additionally, a provision was added allowing for a budgetary item for Contributions, Donations, and Sponsorships to be placed in the EGWD Operational Budget annually as approved by the FRCD Board of Directors.

### **4. Debt Obligation Continuing Disclosure Policy**

Board Working Group: Bob Gray and Tom Nelson

The District's Debt Obligation Continuing Disclosure Policy previously cited what the District must comply with by law and the associated processes. With the amendment and replacement, the Debt Obligation Continuing Disclosure Policy has been significantly condensed and now adequately explains the purpose of the District's Debt Obligation Continuing Disclosure Policy and provides referral to the federal security laws.

### **5. Capital Assets Policy**

Board Working Group: Bob Gray and Tom Nelson

The District's Capital Assets Policy did not require substantive changes. The only notable changes were the removal of hydrants and meters from the Capital Assets List because these assets, individually, do not exceed the District's capitalization threshold, therefore, they will be expensed when replaced.

### **6. Professional and Civic Memberships Policy**

Board Working Group: Elliot Mulberg and Sophia Scherman

The District's Professional and Civic Memberships Policy did not require substantive changes. The only significant amendment was eliminating the list of membership subscriptions. The list was removed to minimize the frequency of

## **BOARD POLICIES**

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Page 4

having to amend the Professional and Civic Memberships Policy in order to keep the membership subscriptions updated.

Staff recommends the Board 1) Adopt Resolution No. 05.19.20.02, amending and replacing the Acceptance of Gifts, Entertainment, and Services Policy; and 2) Adopt Resolution No. 05.19.20.03, amending and replacing the Associate Directors Policy; and 3) Adopt Resolution No. 05.19.20.04, amending and replacing the Contributions, Donations, and Sponsorships Policy; and 4) Adopt Resolution No. 05.19.20.05, amending and replacing the Disclosure Compliance Policies and Procedures with the Debt Obligation Continuing Disclosure Policy; and 5) Adopt Resolution No. 05.19.20.06, amending and replacing the Fixed Assets Policy with the Capital Assets Policy; and 6) Adopt Resolution No. 05.19.20.07, amending and replacing the Professional and Civic Memberships Policy.

## **ENVIRONMENTAL CONSIDERATIONS**

There are no direct environmental considerations associated with this report.

## **STRATEGIC PLAN CONFORMITY**

Updating Board policies provides the Board the ability to maintain and oversee compliance of operations and thereby conforms with Strategic Goal No. 1, Governance and Customer Engagement, of the Strategic Plan 2020-2025.

## **FINANCIAL SUMMARY**

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

Respectfully submitted,



STEFANI PHILLIPS  
BOARD SECRETARY

Attachments

**RESOLUTION NO. 05.19.20.02**

**A RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS AMENDING AND REPLACING THE ACCEPTANCE OF GIFTS, ENTERTAINMENT, AND SERVICES POLICY**

**WHEREAS**, the Florin Resource Conservation District (“District”) is a Resource Conservation District organized pursuant to Division 9 of the California Public Resources Code, Sections 9001, et seq. (“Resource Conservation Law”);

**WHEREAS**, the District is formed for the purposes delineated in the Public Resources Code Section 9001 and all things necessary to carry out the provisions of the Resource Conservation Law and adopted District Bylaws;

**WHEREAS**, the District’s current Acceptance of Gifts, Entertainment, and Services Policy was adopted April 16, 2003.

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

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

SECTION 2. The Board of Directors hereby adopts Resolution No. 05.19.20.02, amending and replacing the Acceptance of Gifts, Entertainment, and Services Policy as incorporated herein, and attached hereto as Exhibit “A”.

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

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

**PASSED, APPROVED, AND ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2020.

**AYES:**  
**NOES:**  
**ABSENT:**  
**ABSTAIN:**

---

Tom Nelson,  
Chair



Attest:

---

Stefani Phillips  
Board Secretary

Approved as to form:

---

Richard E. Nosky  
District Legal Counsel

**EXHIBIT “A”**

**FLORIN RESOURCE CONSERVATION DISTRICT**

**“ACCEPTANCE OF GIFTS, ENTERTAINMENT, AND SERVICES POLICY”**

[Attached behind this cover page]

Policy Type: Florin Resource Conservation District Board of Directors  
Policy Title: Acceptance of Gifts, Entertainment, and Services Policy  
Date Adopted:  
Resolution No:  
Date Amended:

## **I. PURPOSE**

The purpose of this policy is to prescribe that Florin Resource Conservation District (District) Board of Directors (Board members) and Associate Directors (Associates) comply with the Political Reform Act of the State of California (Government Code 81000 et seq.) and Sections 18730 and 1870 of the Government Code.

## **II. POLICY**

This policy is to establish guidelines for accepting and providing gifts, entertainment and services to all Board members and Associates.

## **III. ACCEPTANCE OF GIFTS, ENTERTAINMENT, AND SERVICES**

### **A. Prohibited Actions**

1. Board members and Associates shall not receive, accept, take, seek or solicit, directly or indirectly, anything of economic value as a gift, gratuity, or favor from a person if it could reasonably be expected it would influence the vote, action, judgement or the performance of, the omission of, or the deferral of the performance of any official duty or be considered as part of a reward for any action or non-action.
2. Board members and Associates or any member of his/her immediate family shall not accept, solicit, or direct any gift, whether in the form of service, loan, thing of value, or promise with a total of \$50 or more in a calendar year from any person, firm, corporation, or business entity which to his/her knowledge is interested in seeking to do business with the District or has done business with the District in the preceding 12 months.

### **B. Exceptions**

1. Gifts extended to all Board members and Associates such as a gift basket of food items are not covered under this policy. In addition, promotional items such as calendars or pens, and unsolicited tokens or awards of appreciation in the form of a plaque, trophy, desk item, wall memento or similar item are not covered. Hospitality or registration materials received by a Board member or Associate as part of a seminar, convention or District sponsored event is not covered, provided that such hospitality is open to all those attending the event.

- C. Form 700 - Under the Political Reform Act, Board members and Associates as defined in the Conflict of Interest Code, are required to disclose certain personal

financial holdings as outlined. The Fair Political Practices Commission (FPPC) requires these individuals to file a “conflict of interest statement” known as Form 700. Schedule D of Form 700 details requirements for reporting gifts. The District’s Conflict of Interest Code has additional information regarding the requirements under the FPPC.

D. Violation of this policy may constitute cause for censure.

**RESOLUTION NO. 05.19.20.03**

**A RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS AMENDING AND REPLACING THE ASSOCIATE DIRECTORS POLICY**

**WHEREAS**, the Florin Resource Conservation District (“District”) is a Resource Conservation District organized pursuant to Division 9 of the California Public Resources Code, Sections 9001, et seq. (“Resource Conservation Law”);

**WHEREAS**, the District is formed for the purposes delineated in the Public Resources Code Section 9001 and all things necessary to carry out the provisions of the Resource Conservation Law and adopted District Bylaws;

**WHEREAS**, the District’s current Associate Directors Policy was amended and restated on August 26, 2015.

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

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

SECTION 2. The Board of Directors hereby adopts Resolution No. 05.19.20.03, amending and replacing the Associate Directors Policy as incorporated herein, and attached hereto as Exhibit “A”.

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

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

**PASSED, APPROVED, AND ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2020.

**AYES:**  
**NOES:**  
**ABSENT:**  
**ABSTAIN:**

---

Tom Nelson,  
Chair

Attest:

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Stefani Phillips  
Board Secretary

Approved as to form:

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Richard E. Nosky  
District Legal Counsel

**EXHIBIT “A”**

**FLORIN RESOURCE CONSERVATION DISTRICT**

**“ASSOCIATE DIRECTORS POLICY”**

[Attached behind this cover page]

Policy Type: Florin Resource Conservation District Board of Directors  
Policy Title: Associate Director Policy  
Date Adopted:  
Resolution No:  
Date Amended:

**I. PURPOSE**

The purpose of this policy is to establish a process to obtain and engage associate directors (Associates) to serve as advisors to the Florin Resource Conservation District (District) Board of Directors (Board).

**II. POLICY**

This policy allows for the Board to appoint Associates as required by Division 9 of the California Public Resources Code.

**III. POSITION AND TERM**

- A. Position - The District may have up to five (5) associate director positions.
- B. Term - Associates are appointed for two-year terms. There are no term limits. An Associate may be removed at any time without cause by a majority vote of the Board. The Board may fill vacancies at any time for the remainder of a two-year term. The Board Secretary shall contact the active Associates no later than May 1 prior to the expiration of their two-year term to ascertain their interest in serving another term. Any Associate who has stated a desire to serve another two-year term will be considered for reappointment at the regular meeting of the Board in June.

**IV. QUALIFICATIONS AND APPOINTMENT**

- A. Qualifications –
  - 1. As Associate must be a registered voter, landowner within the District boundaries or be a designated agent of a resident landowner.
  - 2. Associates should possess expertise in an areas of interest to the District including, but not limited to, finance; government accounting; agricultural practices, public relations, outreach and education; engineering, geochemistry, natural resources conservation and management; water resources; water service delivery; land use; real estate; and local government policy and procedures.
  - 3. Associates should have sufficient time available to meet the responsibilities of the position, including regular attendance at Board meetings and participation in mandatory trainings.
- B. Recruitment – The District shall maintain notice on its website for those interested in the position of Associate. Qualified parties interested in an Associate position may apply during the month of May.
  - 1. In May, the Board Secretary will place an ad in a newspaper with general circulation.



2. The Associate application process shall consist of:
  - a. A letter of interest stating experiences, qualifications and background in at least one of the areas of interest to the District, and
  - b. At least two (2) letters of recommendation by individuals familiar with the applicant's work or qualifications.

C. Appointment –

1. The Board Secretary shall be responsible for reviewing documents submitted by applicants to determine eligibility and make formal recommendations to the Board regarding Associate appointments. Ineligible or incomplete submittals may be rejected by the Board Secretary. The Board Secretary shall submit the documentation for eligible applicants to the Board for consideration, along with a formal recommendation as to their appointment.
2. Consideration of Associate appointments will be discussed in open session. Appointments require a majority vote of the Board of Directors.

**V. RESPONSIBILITIES**

- A. Participation in Board Meetings – Associates are required to attend and participate in the discussion of open session items at Board meetings but cannot vote. They are encouraged to advise and make recommendations to the Board, when prompted.
- B. Participation in Other Meetings – If assigned to a committee, Associates are required to attend and participate as advising members.
  1. Associates may also be designated by the Board to represent the District at specific meetings or events.
- C. Conflict of Interest – Associates are subject to the District's conflict of interest code and are required to complete the same approved ethics course as required for the Directors.
- D. Absences – Notwithstanding any other provision of law, the term of any Associate may be deemed expired if he or she is absent from three (3) consecutive Board meetings and the Board, by resolution, declares the term of that Associate expired and that a vacancy exists. The Board may excuse such absences at their discretion.
- E. Conduct – Associates' activities are to be conducted in consistency with District policy, purpose, and direction.
- F. Authority – Associates are not authorized to attend closed sessions, make agreements, contracts, or representations to any party, other organizations, or government agencies on behalf of the District.

**RESOLUTION NO. 05.19.20.04**

**A RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS AMENDING AND REPLACING THE CONTRIBUTIONS, DONATIONS, AND SPONSORSHIPS POLICY**

**WHEREAS**, the Florin Resource Conservation District (“District”) is a Resource Conservation District organized pursuant to Division 9 of the California Public Resources Code, Sections 9001, et seq. (“Resource Conservation Law”);

**WHEREAS**, the District is formed for the purposes delineated in the Public Resources Code Section 9001 and all things necessary to carry out the provisions of the Resource Conservation Law and adopted District Bylaws;

**WHEREAS**, the District’s current Contributions, Donations, and Sponsorships Policy was adopted on May 21, 2003.

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

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

SECTION 2. The Board of Directors hereby adopts Resolution No. 05.19.20.04, amending and replacing the Contributions, Donations, and Sponsorships Policy as incorporated herein, and attached hereto as Exhibit “A”.

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

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

**PASSED, APPROVED, AND ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2020.

**AYES:**  
**NOES:**  
**ABSENT:**  
**ABSTAIN:**

---

Tom Nelson,  
Chair

Attest:

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Stefani Phillips  
Board Secretary

Approved as to form:

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Richard E. Nosky  
District Legal Counsel

**EXHIBIT “A”**

**FLORIN RESOURCE CONSERVATION DISTRICT**

**“CONTRIBUTIONS, DONATIONS, AND SPONSORSHIPS POLICY”**

[Attached behind this cover page]

Policy Type: Florin Resource Conservation District Board of Directors  
Policy Title: Contributions, Donations, and Sponsorships Policy  
Date Adopted:  
Resolution No:  
Date Amended:

**I. PURPOSE**

The purpose of this policy is intended to provide guidelines for acceptable contributions, donations, and sponsorships.

**II. POLICY**

This policy is to prescribe that the Florin Resource Conservation District (District) Board of Directors (Board) shall only consider requests that meet the contributions, donations and sponsorships qualifications.

**III. CONTRIBUTIONS, DONATIONS, AND SPONSORSHIPS QUALITIFICATIONS**

- A. All contributions shall be water related, directly benefit Elk Grove Water District ratepayers, and not conflict with any state laws including, but not limited to, Article XIII C and D of the California Constitution (Proposition 218).
- B. Donations and Contributions given in any fiscal year shall not exceed the amount based on the annual budget as approved by the Board of Directors.

**RESOLUTION NO. 05.19.20.05**

**A RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD AMENDING AND REPLACING THE DISCLOSURE COMPLIANCE POLICIES AND PROCEDURES WITH THE DEBT OBLIGATION CONTINUING DISCLOSURE POLICY**

**WHEREAS**, the Florin Resource Conservation District (“District”) is a Resource Conservation District organized pursuant to Division 9 of the California Public Resources Code, Sections 9001, et seq. (“Resource Conservation Law”);

**WHEREAS**, the District is formed for the purposes delineated in the Public Resources Code Section 9001 and all things necessary to carry out the provisions of the Resource Conservation Law and adopted District Bylaws;

**WHEREAS**, the District’s current Disclosure Compliance Policy was adopted on October 22, 2014.

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

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

SECTION 2. The Board of Directors hereby adopts Resolution No. 05.19.20.05, amending and replacing the Disclosure Compliance Policies and Procedures with the Debt Obligation Continuing Disclosure Policy as incorporated herein, and attached hereto as Exhibit “A”.

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

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

**PASSED, APPROVED, AND ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2020.

**AYES:**  
**NOES:**  
**ABSENT:**  
**ABSTAIN:**

\_\_\_\_\_  
Tom Nelson,  
Chair

Attest:

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Stefani Phillips  
Board Secretary

Approved as to form:

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Richard E. Nosky  
District Legal Counsel

**EXHIBIT “A”**

**FLORIN RESOURCE CONSERVATION DISTRICT  
“DEBT OBLIGATION CONTINUING DISCLOSURE POLICY”**

[Attached behind this cover page]



Policy Type: Florin Resource Conservation District Board of Directors  
Policy Title: Debt Obligation Continuing Disclosure Policy  
Date Adopted:  
Resolution No:  
Date Amended:

## **I. PURPOSE**

The purpose of this policy is to provide guidance to the Florin Resource Conservation District (District) Board of Directors (Board) to ensure all applicable disclosure obligations and requirements under the federal security laws are complied with.

## **II. POLICY**

This policy is intended to memorialize and communicate the Boards direction in connection with obligations, including notes, bonds and certificates of participation (collectively, Obligations), issued by or on behalf of the District.

## **III. DEBT OBLIGATIONS**

### **A. Obligations**

The District from time to time issues Obligations in order to fund or refund capital investments or other long-term programs. Certain Obligations are executed and delivered through a financing authority or corporation and others are incurred directly by the District. In offering Obligations to the public, and at other times when the District makes certain reports, the District must comply with the Anti-fraud Rules of federal securities laws. (Anti-fraud Rules refers to Section 17 of the Securities Act of 1933 and Section 10(b) of the Securities and Exchange Act of 1934, and regulations adopted by the Securities and Exchange Commission under those Acts, particularly Rule 10b-5 under the 1934 Act).

### **B. Anti-fraud Rules**

The core requirement of these Anti-fraud Rules is that potential investors in Obligations must be provided with all “material” information relating to the offered Obligations. The information provided to investors must not contain any material misstatements, and the District must not omit material information which would be necessary to provide to investors a complete and transparent description of the Obligations and the District’s financial condition. In the context of the sale of securities, a fact is generally considered to be “material” if there is a substantial likelihood that a reasonable investor would consider it to be important in determining whether or not to purchase the securities being offered.

### **C. Issuance of execution and delivery of Obligations**

The District has entered and may enter into a number of contractual agreements (Continuing Disclosure Certificates) to provide annual reports related to its financial condition (including the audited financial statements), as well as notice of certain events relating to the Obligations specified in the Continuing Disclosure Certificates. The District must comply with the specific requirements of each Continuing Disclosure Certificate, which generally require that the annual reports be filed within 270 days after the end of the District’s fiscal year and material event notices are generally required to be filed within 10 business days of their occurrence. Specific events which require “material event” notices are set forth in each Continuing Disclosure Certificate.

#### **IV. RESPONSIBLE PARTIES**

The General Manager or Finance Manager/Treasurer, through the use of a Continuing Disclosure Agent, shall be responsible for ensuring that the preparation and filing of the annual reports and material event notices required result pursuant to the Continuing Disclosure Certificates. Particular care should be paid to the timely filing of any changes in credit ratings on Obligations, including changes resulting from changes in the credit ratings of insurers of particular Obligations.

**RESOLUTION NO. 05.19.20.06**

**A RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT  
BOARD AMENDING AND REPLACING THE FIXED ASSETS POLICY  
WITH THE CAPITAL ASSETS POLICY**

**WHEREAS**, the Florin Resource Conservation District (“District”) is a Resource Conservation District organized pursuant to Division 9 of the California Public Resources Code, Sections 9001, et seq. (“Resource Conservation Law”);

**WHEREAS**, the District is formed for the purposes delineated in the Public Resources Code Section 9001 and all things necessary to carry out the provisions of the Resource Conservation Law and adopted District Bylaws;

**WHEREAS**, the District’s Fixed Assets Policy was adopted on October 28, 2009.

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

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

SECTION 2. The Board of Directors hereby adopts Resolution No. 05.19.20.06, amending and replacing the Fixed Assets Policy with the Capital Assets Policy as incorporated herein, and attached hereto as Exhibit “A”.

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

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

**PASSED, APPROVED, AND ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2020.

**AYES:  
NOES:  
ABSENT:  
ABSTAIN:**

\_\_\_\_\_  
Tom Nelson,  
Chair

Attest:

\_\_\_\_\_  
Stefani Phillips  
Board Secretary

Approved as to form:

\_\_\_\_\_  
Richard E. Nosky  
District Legal Counsel

**EXHIBIT “A”**

**FLORIN RESOURCE CONSERVATION DISTRICT**

**“CAPITAL ASSETS POLICY”**

[Attached behind this cover page]

Policy Type: Florin Resource Conservation District Board of Directors  
Policy Title: Capital Assets Policy  
Date Adopted:  
Resolution No:  
Date Amended:

## **I. PURPOSE**

The purpose of this policy is to establish guidance in identifying, capitalizing, depreciating, and accounting for the Florin Resource Conservation District (District) capital assets.

## **II. POLICY**

This policy is intended to define the assets owned by the District that are acquired for operational use, are long-term in nature, and originally cost \$5,000 or more.

## **III. CAPITAL ASSETS**

A. Capital assets are defined under this policy as an asset owned by the District that is 1) acquired for use in District operations, 2) long-term in nature (i.e., useful life exceeds one year), and 3) has an original cost of \$5,000 or more. Capital assets shall be segregated into the following categories:

1. Buildings and building improvements, such as HVAC equipment, interior remodeling features, and landscaping;
2. Computer systems, purchased software, and telephones;
3. Fleet equipment, such as cars, trucks, trailers and backhoes;
4. Groundwater wells;
5. Land and land improvements with a limited life, such as driveways, walks, fences, landscaping and parking areas;
6. Machinery and equipment, such as generators, compressors, jackhammers, tools, trimmers, etc.;
7. Office equipment such as furniture and fixtures;
8. Pressure modulating facilities, valves and related appurtenances;
9. Pumps, motors and water treatment facilities;
10. SCADA, including location and mapping features;
11. Transmission and distribution pipelines;
12. Water storage facilities.

B. Capitalization Thresholds - Capital assets eligible for capitalization must have an estimated useful life of more than one (1) year from the date of acquisition and a minimum value of \$5,000. Such criteria shall be applied to individual assets and not to groups of assets.

C. Valuation of Capital Assets - The value assigned to capital assets shall be determined as follows:

1. Purchased Capital Assets

The capitalized value of purchased capital assets shall be determined using the original cost of the asset. Specific costs eligible for capitalization are identified below. If the original cost of an asset is not available or cannot be reasonably determined, an estimated current cost may be utilized.

2. District-Constructed Capital Assets

District-constructed water system infrastructure assets intended to be used in District operations or internally generated computer software are eligible for capitalization. The capitalization value of such assets shall be determined using direct costs and material costs associated with the construction up until the time the asset is complete and ready for use.

3. Capital Assets Donated to District

The capitalized value of donated assets shall be determined using the fair market value at the time of donation. If the fair market value of the asset is not available or cannot be reasonably determined, an estimated cost may be determined using the best available information. The value of donated intangible assets shall be accounted for separate from donated tangible capital assets.

D. Capitalization Costs - Costs eligible for capitalization under this policy are:

1. For land:

- Assumptions of liens, encumbrances or mortgages;
- Closing costs, such as title fees, attorney fees, environmental assessments, appraisals, taxes and recording fees;
- Costs necessary to get the land ready for its intended use, such as grading, clearing, filling, draining, surveying, and demolition of existing structures;
- Purchase price or appraised value, which is more readily determinable.

2. For purchased assets other than land:

- Applicable purchase discounts or rebates;
- Assembling and installation charges;
- Freight, handling and in-transit insurance charges;
- Professional fees of engineers, inspectors, attorneys, consultants, etc.;
- Purchase price including all taxes.

3. For District-constructed assets:

- Costs for intangible assets as determined in accordance with Governmental Accounting Standards Board (GASB) Statement 51 "Accounting and Financial Reporting for Intangible Assets";

- Costs necessary to get the site ready for its intended use such as grading, clearing, filling, draining, surveying, and demolition of existing structures;
  - Direct labor costs, including wages and benefits;
  - Direct material costs;
  - Insurance premiums and related costs during construction;
  - Professional fees of engineers, inspectors, attorneys, consultants, etc..
4. For capital assets donated to the District:
- Fair market or appraised value at date of donation;
  - Installation costs;
  - Other normal or necessary costs required to place the asset in its intended location and condition for use;
  - Professional fees of engineers, inspectors, attorneys, consultants, etc.
- E. Capitalization of Costs Subsequent to Acquisition - Additional costs incurred after a capital asset is placed in use shall be accounted for as follows:
1. Additions - an expenditure that either significantly extends the useful life or productivity of the existing capital asset or creates a new capital asset. All Additions to existing capital assets should be capitalized as long as the asset meets the criteria above.
  2. Improvements and Replacements - expenditures that involve substituting a similar capital asset, or portion thereof, for an existing one. All Improvements and Replacements to existing capital assets should be capitalized as long as the asset meets the criteria above. If the existing asset's book value is determinable, then the existing asset should be removed from the books at the time the replacement is recorded. If the existing asset is not separately identifiable, then the replacement should still be capitalized as the existing asset's book value is assumed to be negligible.
  3. Rearrangement or Reinstallation - expenditures that involve moving an existing asset to a new location or reinstalling a similar asset in place of an existing asset. All Rearrangement or Reinstallation costs should be expensed in the period incurred.
  4. Repairs and Maintenance - expenditures that involve maintaining the asset in good or ordinary repair. All Repairs and Maintenance costs should be expensed in the period incurred.

- F. Depreciation or Amortization of Capital Assets - Capital assets shall be depreciated or amortized on a straight-line basis beginning the first day of the month following acquisition in accordance with the following schedule:

<u>Category</u>	<u>Depreciation/Amortization Period</u>
Buildings	40 years
Building Improvements	10 years
Computer Equipment, Purchased Software and Telephones	5 years
Fleet Equipment (cars, trucks, backhoes, other motorized, mobile equipment)	5-10 years
Intangible Assets, such as easements and internally generated computer software	Permanent Easements - None; Software – 5 years
Land	None
Land Improvements	15 years
Machinery and Equipment (generators, compressors, jackhammers, tools, etc.)	5-10 years
Office Furniture and Fixtures	7 years
Pumps and Wells (wells, pumps, treatment facilities, related equipment)	25 years
Storage Facilities (reservoirs)	40 years
Transmission and Distribution Pipelines	80 years

- G. Disposal of Capital Assets - Capital assets that have become obsolete shall be disposed of in accordance with the District's Disposal of Surplus District Property Policy.



**RESOLUTION NO. 05.19.20.07**

**A RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD AMENDING AND REPLACING THE PROFESSIONAL AND CIVIC MEMBERSHIPS POLICY**

**WHEREAS**, the Florin Resource Conservation District (“District”) is a Resource Conservation District organized pursuant to Division 9 of the California Public Resources Code, Sections 9001, et seq. (“Resource Conservation Law”);

**WHEREAS**, the District is formed for the purposes delineated in the Public Resources Code Section 9001 and all things necessary to carry out the provisions of the Resource Conservation Law and adopted District Bylaws;

**WHEREAS**, the District’s current Professional and Civic Memberships Policy was adopted on September 23, 2009.

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

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

SECTION 2. The Board of Directors hereby adopts Resolution No. 05.19.20.07, amending and replacing the Professional and Civic Memberships Policy as incorporated herein, and attached hereto as Exhibit “A”.

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

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

**PASSED, APPROVED, AND ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2020.

**AYES:**

**NOES:**

**ABSENT:**

**ABSTAIN:**

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Tom Nelson,  
Chair

Attest:

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Stefani Phillips  
Board Secretary

Approved as to form:

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Richard E. Nosky  
District Legal Counsel

**EXHIBIT “A”**

**FLORIN RESOURCE CONSERVATION DISTRICT  
“PROFESSIONAL AND CIVIC MEMBERSHIPS POLICY”**

[Attached behind this cover page]

Policy Type: Florin Resource Conservation District Board of Directors  
Policy Title: Professional and Civic Memberships Policy  
Date Adopted:  
Resolution No:  
Date Amended:

**I. PURPOSE**

The purpose of this policy is to identify the benefits derived from subscribing to memberships in various professional and civic organizations.

**II. POLICY**

This policy is intended to recognize the Florin Resource Conservation District (District) Board of Directors' (Board) need for representation in various professional and civic organizations.

**III. MEMBERSHIP ORGANIZATIONS**

The Board shall subscribe to memberships in organizations that best fit the interests and needs of the District.

**IV. DISTRICT REPRESENTATIVE APPOINTMENT**

The Board shall have the authority to appoint a Board member or employee to represent the District in its membership with these organizations.

If an appointment requires ratification by another organization that has jurisdiction or authority over the District's nomination, the Board shall direct staff to take measures to ensure said organization receives appropriate documentation of Board action.

**V. REPRESENTATIVE(S) AUTHORITY**

The Board shall be informed by the representative of important matters being considered by these organizations prior to the casting of a vote/ballot, when possible.

- A. When required to express a position, support or oppose an item, or cast a ballot, the representative shall act in the best interest of the District and in a manner, which reflects the majority position of the Board.
- B. In the event it is not practical to inform the Board beforehand, the representative shall inform the Board of the action at the next regularly scheduled Board meeting.

May 19, 2020

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Mark J. Madison, General Manager

SUBJECT: **OUTSIDE AGENCY MEETINGS REPORT**

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### **RECOMMENDATION**

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

### **SUMMARY**

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

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

### **DISCUSSION**

#### **Background**

Each month, staff reports on the outside agency meetings that occurred since the previous Board meeting. This report has been designed to list the notable meetings attended, by either staff or Board members, and the report will be given orally by the staff or Board members in attendance.

#### **Present Situation**

The notable outside agency meetings attended since April 21, 2020 were as follows:

- 4/23 Elk Grove Regional Collaboration Meeting (Madison, Kamilos)
- 4/29 Sacramento Central Groundwater Authority (SCGA) Budget Subcommittee Meeting (Kamilos)
- 5/6 Regional Water Authority (RWA) Water Loss Regulation Conference Call (Franklin, Ramos)

**OUTSIDE AGENCY MEETINGS REPORT**

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Page 2

- 5/12 RWA Regional Water Efficiency Program Advisory Committee Meeting  
(Franklin, Ramos)
- 5/13 State Water Board hosted Public Stakeholder Webinar and Material on Water  
Loss Performance Standards Meeting (Franklin)
- 5/13 SCGA Regular Board Meeting (Madison, Nelson, Kamilos)

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**

Participating and actively engaging in outside agency meetings conforms with Strategic Goal No. 7, Water Industry Leadership, of the Strategic Plan 2020-2025.

**FINANCIAL SUMMARY**

There is no financial impact associated with this report.

Respectfully submitted,



MARK J. MADISON  
GENERAL MANAGER

May 19, 2020

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Travis Franklin, Program Manager

SUBJECT: **LEGISLATIVE UPDATE**

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## **RECOMMENDATION**

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

### **Summary**

The State Water Resources Control Board (SWRCB) held a public stakeholder webinar on “Water Loss Performance Standards” on May 13, 2020. California Water Code Section 10608.34, subdivision (i) (Senate Bill (SB) 555, 2015) requires the SWRCB to develop volumetric performance standards for water loss for urban retail water suppliers. The deadline to adopt water loss standards is July 1, 2020. These standards will integrate into future rules to implement Assembly Bill (AB) 1668 and Senate Bill (SB) 606 (2018). AB 1668 and SB 606 call for the creation of new water use standards on indoor use, outdoor use and water lost to leaks.

## **DISCUSSION**

### **Background**

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

### **Present Situation**

SWRCB staff has updated its proposed regulatory framework and developed the second version of a draft economic model to propose performance water loss standards. This framework would require compliance with district specific water loss standards based on the economic model by 2028. Compliance also includes completing questionnaires about data quality and feasibility of implementing water loss prevention programs.

The draft model shows Elk Grove Water District will not be required to reduce water losses to meet the 2028 goals, based on the averages from the District’s 2016-2018 validated water loss audits. Validated water audits are submitted annually to the Department of Water Resources (DWR) as required by California Water Code Section 10608.34.

**LEGISLATIVE UPDATE**

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In addition, AB 1668 and SB 606 established standards for indoor and outdoor water use. The indoor residential water use standard is 55 gallons per person per day; this is not applied to an individual, but to the District as a whole. The outdoor water use standards will be based on land cover, climate and the amount of landscaped area. DWR is conducting an urban landscape area measurement pilot program to classify parcels into irrigated, irrigable and not irrigable. These classifications will assist in developing the outdoor water use standards. DWR is required to provide parcel level data to all urban water suppliers by January 1, 2021.

Staff will continue to track these water efficiency regulations as they may affect District operations.

**ENVIRONMENTAL CONSIDERATIONS**

There are no direct environmental considerations associated with this report.

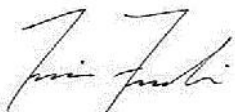
**STRATEGIC PLAN CONFORMITY**

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

**FINANCIAL SUMMARY**

There is no direct financial impact associated with this report.

Respectfully submitted,



TRAVIS FRANKLIN  
PROGRAM MANAGER