

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

Agenda

Wednesday, June 20, 2018

6:30 PM

9257 Elk Grove Blvd.
Elk Grove, CA 95624

Compliance with Government Code Section 54957.5

Public records, including writings related to an agenda item for an open session of a regular meeting of the Florin Resources Conservation District that are distributed less than 72 hours before the meeting, are available for public inspection during normal business hours at the Administration building of Elk Grove Water District, located at 9257 Elk Grove Blvd. Elk Grove, California. In addition, such writings may be posted, whenever possible, on the Elk Grove Water District website at www.egwd.org.

The Board will discuss all items on the agenda, and may take action on any item listed as an "Action" item. The Board may discuss items that do not appear on the agenda, but will not act on those items unless there is a need to take immediate action and the Board determines by a two-thirds (2/3) vote that the need for action arose after posting of the agenda.

If necessary, the Meeting will be adjourned to Closed Session to discuss items on the agenda listed under "Closed Session." At the conclusion of the Closed Session, the meeting will reconvene to "Open Session."

CALL TO ORDER, ROLL CALL AND PLEDGE OF ALLEGIANCE

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

1. Proclamations and Announcements

Associate Director Comment

Public Comment

2. Closed Session

- a. PUBLIC EMPLOYEE APPOINTMENT (Section 54957)
Title: General Counsel

3. Professional Services Agreement For Interim General Counsel Services Between The Florin Resource Conservation District and Nosky Legal Group

(Mark J. Madison, General Manager)

Associate Director Comment

Public Comment

Recommended Action: Authorize the General Manager to execute a Professional Services Agreement, between the Florin Resource Conservation District and Nosky Legal Group, for Interim General Counsel Services to be

**provided to the Florin Resource Conservation District
and Elk Grove Water District.**

- 4. Consent Calendar** (Stefani Phillips, Secretary and Patrick Lee, Treasurer)
- a. Minutes of Regular Board Meeting of May 16, 2018
 - b. FRCD Cash Flow Worksheet – May, 2018
 - c. Warrants Paid – May, 2018
 - d. Active Accounts – May, 2018
 - e. Bond Covenant Status for FY 2017- 18 – May, 2018
 - f. Revenues and Expenses – Actual vs Budget FY 2017- 18 – May, 2018
 - g. Cash Accounts – May, 2018
 - h. Consultants Expenses – May, 2018
 - i. Major Capital Improvement Projects – May, 2018

Associate Director Comment

Public Comment

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

- 5. Committee Meetings** (Stefani Phillips, Board Secretary)
- a. Finance Committee and Community Advisory Committee Meeting – May 02, 2018
 - b. Finance Committee and Community Advisory Committee Meeting – May 23, 2018
 - c. Special Finance Committee Meeting – May 23, 2018

Associate Director Comment

Public Comment

**Recommended Action: Accept the minutes of the combined Community
Advisory Committee and Finance Committee
Meetings held on Wednesday, May 2, 2018 and May 23,
2018; and the Special Finance Committee Meeting
held on Wednesday, May 23, 2018.**

- 6. Elk Grove Water District Operations Report – May 2018**
(Mark J. Madison, General Manager)

Associate Director Comment

Public Comment

- 7. Elk Grove Water District Fiscal Year 2019-23 Capital Improvement Program**
(Bruce Kamilos, Assistant General Manager)

Associate Director Comment

Public Comment

**Recommended Action: Adopt Resolution No. 06.20.18.01 approving the Elk
Grove Water District Fiscal Year 2019-23 Capital
Improvement Program and approving an
appropriation of \$1,314,000 from designated reserve
funds to the Fiscal Year 2018-19 Capital Improvement
Program budget.**

8. Elk Grove Water District Fiscal Year 2018-19 Operating Budget

(Patrick Lee, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution No. 06.20.18.02 approving the Elk Grove Water District Fiscal Year 2018-19 Operating Budget.

9. Investment Policy Guidelines Fiscal Year 2018-19

(Patrick Lee, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution No. 06.20.18.03, approving the Fiscal Year 2018-19 Investment Policy Guidelines of the Florin Resource Conservation District.

10. Revised Elk Grove Water District Reserve and Capital Investment Policy

(Patrick Lee, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution No. 06.20.18.04, approving a revised Elk Grove Water District Reserve and Capital Investment Policy.

11. Sacramento County Groundwater Authority Proposed Budget Update

(Bruce Kamilos, Assistant General Manager)

Associate Director Comment

Public Comment

12. Legislative Report (Sarah Jones, Program Manager)

Associate Director Comment

Public Comment

13. Directors Comments

June 20, 2018

TO: Chairperson and Directors of the Florin Resource Conservation District

FROM: Mark J. Madison, General Manager

SUBJECT: **PROFFESIONAL SERVICES AGREEMENT FOR INTERIM GENERAL COUNSEL SERVICES BETWEEN THE FLORIN RESOURCE CONSERVATION DISTRICT AND THE NOSKY LEGAL GROUP**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors authorize the General Manager to execute a Professional Services Agreement, between the Florin Resource Conservation District and Nosky Legal Group, for Interim General Counsel Services to be provided to the Florin Resource Conservation District and Elk Grove Water District.

SUMMARY

On June 13, 2018, the Florin Resource Conservation District (FRCD) Board of Directors terminated the professional services agreement between the FRCD and Meyers Nave for General Counsel Services. Because it is imperative that the FRCD retain General Counsel at all times, it is recommended that the FRCD Board of Directors retain an attorney to provide legal services, primarily as the interim General Counsel for the FRCD.

By this action, if approved, the FRCD Board would authorize the General Manager to execute the attached professional services agreement with the Nosky Legal Group to provide interim General Counsel legal services for a term of six months.

DISCUSSION

Background

On June 13, 2018, the FRCD Board of Directors terminated the professional services agreement between the FRCD and Meyers Nave for General Counsel Services.

Under the Direction of Chairperson Tom Nelson and Vice-Chairperson Bob Gray, staff solicited the attached proposal, including the proposed agreement, from the Nosky Legal Group to provide interim General Counsel to the FRCD. This proposal was obtained and is presented to the FRCD Board of Directors for the Board's consideration. Principal

PROFFESIONAL SERVICES AGREEMENT FOR INTERIM GENERAL COUNSEL SERVICES BETWEEN THE FLORIN RESOURCE CONSERVATION DISTRICT AND THE NOSKY LEGAL GROUP

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Richard E. Nosky, Jr., of the Nosky Legal Group, has provided legal services to the FRCD in the past and his resume is attached for your review.

Present Situation

Richard Nosky is available to engage with the FRCD upon execution of the attached professional services agreement. Chairperson Tom Nelson and Vice-Chairperson Bob Gray recommend that Mr. Nosky be retained under the terms of the proposed agreement.

This agreement is intended to be an interim arrangement whereby Mr. Nosky will provide legal support for a period of six months. It is anticipated that the FRCD Board will pursue a long-term arrangement with other legal firm(s), possibly including the Nosky Legal Group, at some time in the future.

The process undertaken to solicit and retain the Nosky Legal Group complies with the attached District's Policy No. 17 Legal Counsel (Resolution No. 09.23.09.01). It should be noted that this process does not conflict with the attached Policy No. 3 Purchase of Goods and Services from Outside Vendors (also Resolution No. 09.23.09.01), which prescribes the solicitation process for professional services, as that policy specifically excludes legal counsel from the definition of "professional services."

ENVIRONMENTAL CONSIDERATIONS

Environmental considerations are not applicable to this agreement.

STRATEGIC PLAN CONFORMITY

The proposed agreement complies with the Florin Resource Conservation District/Elk Grove Water District 2012-2017 Strategic Plan in many ways. Notably, it complies though the maintenance of sound business practices and succession planning.

June 20, 2018

**PROFFESIONAL SERVICES AGREEMENT FOR INTERIM GENERAL COUNSEL
SERVICES BETWEEN THE FLORIN RESOURCE CONSERVATION DISTRICT AND
THE NOSKY LEGAL GROUP**

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FINANCIAL SUMMARY

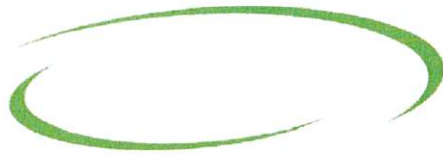
The financial terms of this agreement are specified in the attached proposal and agreement. This agreement does not contain a not-to-exceed amount as the scope of work is undefined.

Respectfully submitted,



MARK J. MADISON, P.E.
GENERAL MANAGER

Attachments



NOSKY LEGAL GROUP

2805 Porter Street, Soquel, CA 95073
(831) 687-8430
www.noskylegal.com

June 11, 2018

VIA EMAIL (mmadison@egwd.org)

Mark Madison
General Manager
Elk Grove Water District
9257 Elk Grove Blvd.
Elk Grove, CA 95624

Re: Proposal for Interim General Counsel Services

Dear Mr. Madison:

In the event that the District needs the services of an interim general counsel, NLG proposes to serve in that role for as long as required at the rate of \$250 per hour for work performed and \$100 per hour for travel time (excluding regular board meetings). For regular monthly board meetings, we propose a flat fee of \$650, inclusive of travel time. We are amenable to discussing alternative billing methods, including a set monthly retainer, should this arrangement evolve into something more long term.

We look forward to working with you and will forward a draft agreement when appropriate.

Sincerely,

NOSKY LEGAL GROUP
Richard E. Nosky, Jr.
Principal

REN/ml

AGREEMENT FOR INTERIM GENERAL COUNSEL SERVICES

This Agreement is entered into this ____ day of June 2018 (“Agreement”), by and between the **Florin Resource Conservation District**, a California special district authorized under Division 9 of the California Public Resources Code (“District”) and Richard E. Nosky, Jr., a sole proprietor doing business as **Nosky Legal Group** (“Firm”), collectively referred to as the “Parties.”

NOW, THEREFORE, the Parties do hereby agree as follows:

1. **Scope of Services.** Firm has been retained to serve as Interim General Counsel for District, with Richard E. Nosky specifically serving in that role. In addition, Firm shall represent District in other matters as District may assign. As Interim General Counsel, the duties and scope of representation shall include, but not be limited to, the following:
 - A. Attending meetings of the District and its duly elected officials and appointed committees, for which attendance is requested by the Board President or General Manager, unless excused.
 - B. Prepare or approve as to legal form all resolutions, ordinances, contracts, agreements or other legal documents or any other matters that are referred for legal advice, review or handling during the term of this Agreement.
 - C. Provide legal advice on behalf of the District to Board members, the General Manager or other designated personnel as requested
 - D. Monitor and advise the Board of Directors and staff of legislation and case law affecting the District as requested.
 - E. Monitor the activities of any special counsel retained by District as requested.
 - F. Provide conflict of interest assistance to the Board of Directors and General Manager on behalf of the District and assist board members and staff in seeking advice from the appropriate state and local authorities on such matters.
2. **Term.** This Agreement shall be effective on June 20, 2018 and shall continue thereafter for six months, unless earlier terminated in accordance with the terms herein.
3. **Billing Procedures and Rates.** Firm shall prepare an itemized monthly billing statement on or about the first day of each month. District shall review Firm’s itemized statement and approve payment of authorized charges to Firm as promptly as possible. Firm shall keep time records in one-tenth hour increments. District agrees to pay Firm at the rates listed in Exhibit A herein. These rates may be adjusted periodically upon the mutual agreement of the Parties. District shall pay the amount due on all invoices within 30 days.
4. **Costs.** Firm shall be reimbursed for all out of pocket expenses advanced by Firm. Said costs and expenses shall include, but not be limited to, filing fees, transcriptions, mileage, travel expenses, parking, copying costs and other related costs. All such costs shall be submitted to District for approval as part of the monthly billing statement.

5. **Responsibilities of Firm.** Firm agrees to provide legal services in the areas of those matters within the scope of services provided in Section 1 of this Agreement.
6. **Independent Contractor and Hold Harmless.** Firm shall serve as an independent contractor and not as an employee of District. Firm agrees to hold harmless and indemnify District for any claims or losses arising as a result of Firm's negligent or tortious conduct with respect to the services rendered herein.
7. **Use of Other Firms.** In order to properly and effectively protect the best interests of District in specialized areas of the law, Firm shall have the right to assign legal matters to special counsel, subject to the approval of the General Manager.
8. **Indemnification.** In the event of any third party claims brought against Firm or its members for actions taken in the course and scope of their official duties, upon such a determination, District agrees to indemnify and defend Firm and its members against such third party claims.
9. **Insurance.** Firm shall maintain professional liability insurance during the term of this Agreement and any extensions thereof. Firm's current professional liability policy limits are \$100,000 per claim and \$300,000 aggregate.
10. **Termination of Services.** District may terminate Firm's services at any time by written notice. After receiving such notice, Firm shall cease providing services and cooperate with District in the orderly transfer of all related files and records to District's new General Counsel. Firm may terminate its services at any time with District's consent or for good cause. Good cause exists if (a) any invoice is not paid within 60 days of its date; (b) District fails to meet any other obligation under this Agreement and continues in such failure for 15 days after written notice to District; (c) District has misrepresented or failed to disclose material facts to Firm, refused to cooperate with Firm, refused to follow its advice on a material matter; or (d) any other circumstance exists in which ethical rules of the legal profession mandate or permit termination, including situations where a conflict of interest arises. If Firm terminates its services, District shall cooperate in effecting such termination. Termination by either party herein shall not relieve District of the obligation to pay for services rendered and costs incurred before Firm's services formally ceased.
11. **Entire Agreement.** This Agreement contains Firm's entire Agreement about its representation of District herein. Any modifications or additions to this Agreement shall be made in writing.
12. **Notices.** All notices pertaining this Agreement shall be made in writing and addressed as follows:

If to Firm: Nosky Legal Group
 Attn: Richard E. Nosky
 2805 Porter Street
 Soquel, CA 95073

If to District: FRCD
Attn: Mark Madison
General Manager
9257 Elk Grove Blvd.
Elk Grove, CA 95624

IN WITNESS WHEREOF, this Agreement is signed and entered into by the Parties on this ____ day of June 2018.

Dated: _____, 2018

Florin Resource Conservation District

Mark Madison, General Manager

Dated: _____, 2018

Nosky Legal Group

Richard E. Nosky, Jr. Principal

RESOLUTION No. 09.23.09.01

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE FLORIN RESOURCE CONSERVATION DISTRICT
AMENDING ITS POLICY REGARDING PURCHASING GOODS AND
SERVICES FROM OUTSIDE VENDORS AND ADOPTING POLICIES
REGARDING COMMITTEES OF THE BOARD, DISTRICT PROFESSIONAL
AND CIVIC MEMBERSHIPS, RESIDENT ADVISORY COMMITTEES,
CONFLICTS OF INTEREST, THE DISTRICT GENERAL COUNSEL, DISTRICT
LEGISLATIVE ADVOCACY, BOARD MEMBERS' REQUESTS FOR
INFORMATION, AND THE ACQUISITION OF DISTRICT ASSETS**

WHEREAS, the Board of Directors ("Board") of the Florin Resource Conservation District ("District"), has previously adopted and amended a policy regarding purchasing goods and services from outside vendors; and

WHEREAS, the District's Board wishes to further amend its policy regarding purchasing goods and services from outside vendors; and

WHEREAS, the District's Board wishes to adopt a policy regarding the formation and conduct of committees of the Board of Directors; and

WHEREAS, the District's Board wishes to adopt a policy regarding the District's participation and membership in professional and civic organizations; and

WHEREAS, the District's Board wishes to adopt a policy regarding the formation and conduct of District resident advisory committees; and

WHEREAS, the District's Board wishes to adopt a policy to establish guidelines for conflicts of interest and gift regulations to govern Board Members and District employees; and

WHEREAS, the District's Board wishes to adopt a policy regarding the role and scope of work of the District's General Counsel; and

WHEREAS, the District's Board wishes to adopt a policy regarding the District's legislative advocacy efforts; and

WHEREAS, the District's Board wishes to adopt a policy regarding Board Members' requests for information from District employees; and

WHEREAS, the District's Board wishes to adopt a policy regarding the acquisition of District assets.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the District as follows:

Section 1. The Board of Directors hereby amends "Policy No. 3 Purchases of Goods and Services From Outside Vendors," to read in full as set forth in Exhibit "A," attached hereto.

Section 2. The Board hereby approves and adopts "Policy No. 13 Committees of the Board," which is attached hereto as Exhibit "B."

Section 3. The Board hereby approves and adopts "Policy No. 14 Professional and Civic Memberships," which is attached hereto as Exhibit "C."

Section 4. The Board hereby approves and adopts "Policy No. 15 Advisory Committees," which is attached hereto as Exhibit "D."

Section 5. The Board hereby approves and adopts "Policy No. 16 Conflicts of Interest," which is attached hereto as Exhibit "E."

Section 6. The Board hereby approves and adopts "Policy No. 17 General Counsel," which is attached hereto as Exhibit "F."

Section 7. The Board hereby approves and adopts "Policy No. 18 Legislative Advocacy," which is attached hereto as Exhibit "G."

Section 8. The Board hereby approves and adopts "Policy No. 19 Board Member's Requests for Information," which is attached hereto as Exhibit "H."

Section 9. The Board hereby approves and adopts "Policy No. 20 Acquisitions of Assets," which is attached hereto as Exhibit "I."

Section 10. The Secretary to the Board shall certify to the passage and adoption of this resolution and the same shall take effect and be in force upon its adoption.

APPROVED AND ADOPTED this 23rd day of September, 2009.

AYES: *Dawson, Lightfoot, Mulberg, Nelson, and Perez*
NOES:
ABSENT: *0*
ABSTAIN: *0*

Barrie C. Lightfoot
Barrie Lightfoot
Chairman of the Board of Directors

ATTEST:

Stefan Phillips
Stefan Phillips
Secretary to the Board of Directors

EXHIBIT "A"

"POLICY NO. 3 PURCHASES OF GOODS AND SERVICES FROM OUTSIDE VENDORS"

[Attached behind this cover page]

FLORIN RESOURCE CONSERVATION DISTRICT

POLICY NO. 3

ADOPTED BY FRCD RESOLUTION NO. 09.23.09.01

PURCHASES OF GOODS AND SERVICES FROM OUTSIDE VENDORS

Purpose of the Policy: The purpose of this policy is to establish policies governing purchases of goods and services from outside vendors by the Florin Resource Conservation District (District).

Section 1. Goods and services will be acquired as economically as possible within accepted standards of quality so as to provide the best overall value to the District.

Section 2. Purchasing transactions shall be classified into three different categories - Public Works Contracts, Professional Services Firms, and Other Purchases -- each with its own procedures and rules, as follows:

(1) Public Works Contracts

The governing board of the District has by resolution elected to become subject to the uniform construction cost accounting procedures set forth in Article 2, commencing with section 22000 et seq., of the Public Contract Code (the "UCCAP") and has notified the State Controller of that election. All purchases of "public works contracts" (as defined in section 1101 of the Public Contract Code) shall be governed by the procedures set forth in the UCCAP (as amended from time to time) and by the ordinances, rules, regulations and procedures enacted by the District under same.

(2) Professional Services Firms/Consulting Services

Selection for professional services of private architectural, landscape architectural, engineering, environmental, land surveying, construction project management firms or consulting services (collectively "Professional Service Firms"), shall be based on price, and on demonstrated competence and professional qualifications necessary for the satisfactory performance of the services required, as determined by the District. For purposes of this Policy No. 3, "professional services" shall not include legal counsel.

(a) *Professional or Consulting Services (Items Costing from \$500 to \$50,000):* For professional or consulting services costing from \$500 to \$50,000, District staff shall solicit informal quotes (via telephone, fax, e-mail, or mail) from at least three firms, or justify why such quotations were not possible or justified. The District normally shall select the firm quoting the lowest bid. If another firm is selected, the reasons for not selecting the firm with the lowest quote (i.e., quality) should be recorded. All contracts must be in conformance

with the approved District budget. Contracts must be approved by the General Manager who first shall review the contract terms and conditions, the availability of budgeted funds to cover the contract and compliance with proper contracting procedures (ongoing contracts will each be listed separately in the budget). Legal counsel shall review the contract terms and conditions. If a contract is likely to be multiple years and costs over \$25,000 per year, Board approval is necessary.

(b) *Professional or Consulting Services (Items Costing More than \$50,000)*: For contracts of professional or consulting services more than \$50,000, competitive bidding is required (unless the General Manager determines there is sufficient sole-source justification). Contract shall normally be awarded to the lowest priced, qualified, responsible bidder. Contracts must be approved by the General Manager who first shall review the contract terms and conditions, the availability of budgeted funds to cover the contract, and compliance with proper contracting procedures. Legal counsel shall review the contract terms and conditions. Contracts must be recommended by the General Manager and approved by the governing board. Board approval can be either through the adopted budget or as a separate action item (ongoing contracts will each be listed separately in the budget).

(3) Other Purchases

For purchases of items not included within one of the two categories set forth above, funds may be used for purchases of goods and services necessary or desirable for District operations, as described below:

(a) *Petty Cash Purchases (Items Costing \$50 or Less)*: For purchases of items costing \$50 or less, vendors will be asked to submit pricing information. The District shall select those vendors that provide the best prices, discounts, payment terms, etc. A “petty cash voucher” form shall be used to document petty cash purchases when they are made.

(b) *Minor Purchases (Items Costing More than \$50, But Less than \$500)*: For purchases of items costing more than \$50, but less than \$500, vendors will be asked to submit pricing information. The District shall select those vendors that provide the best prices, discounts, payment terms, etc. Acquisitions will be processed via purchase order forms, which may be issued by any designated employee.

(c) *Intermediate Purchases (Items Costing from \$500 to \$50,000)*: For purchases of items costing from \$500 to \$50,000, District staff shall solicit informal quotes (via telephone, fax, e-mail, or mail) from at least three vendors, or justify why such quotations were not possible or justified. The District normally shall select the vendor quoting the lowest prices. If another vendor is selected, the reasons for not selecting the vendor with the lowest quote (i.e., quality) should be recorded on the purchase order or otherwise. All purchases must be in conformance with the approved District budget. Purchase orders must be approved by the General Manager, his designee, or other management personnel, who first shall review the purchase order to verify the use of proper account numbers, the availability of budgeted funds to cover the purchase, and compliance with proper purchasing procedures.

(d) *Major Purchases (Items Costing More than \$50,000)*: For purchases of items costing more than \$50,000, competitive bidding is required (unless the General Manager determines there is sufficient sole-source justification). Also, purchases must be approved by the governing board. Board approval can be either through the adopted budget or as a separate action item. Purchases for goods or services shall normally be awarded to the lowest priced, qualified, responsible bidder. All such purchases must be in conformance with the approved District budget. After contract award or purchase approval, District staff shall prepare a purchase order showing the selected vendor, the goods or services to be provided, and the approval date for the award and/or contract. Purchase orders must be approved by the General Manager, his designee, or other management personnel, who first shall review the purchase order to verify the use of proper account numbers, the availability of budgeted funds to cover the purchase, and compliance with proper purchasing procedures.

(e) *Emergency Purchases*: If the District determines that, as the result of an emergency, there is an immediate need to acquire a particular good or service not already available to the District and there is no alternate means of acquiring such good or service, then the District may purchase such good or service without obtaining the pre-approvals required for Intermediate and Major Purchases described above. An emergency purchase must be approved verbally by the General Manager or his/her designee. When an emergency purchase is made, the purchase order for the transaction should be prepared and approved the next working day (according to the procedures described above). Any such purchase order should include documentation certifying the emergency. An emergency situation is defined as one where there is an immediate threat to life or property or where there is or would be a complete disruption of a vital public service.

EXHIBIT “F”

“POLICY NO. 17 GENERAL COUNSEL”

[Attached behind this cover page]

FLORIN RESOURCE CONSERVATION DISTRICT

POLICY NO. 17

ADOPTED BY FRCD RESOLUTION NO. 09.23.09.01

LEGAL COUNSEL

The Board of Directors recognizes the need from time to time to utilize legal services.

The Board shall appoint legal counsel.

Legal counsel shall have such powers and duties as hereinafter vested in them by the Board.

Legal counsel will provide their scope of work as part of the budget process.

The General Manager and his appropriate staff shall be involved with the Board on all aspects relating to such an appointment, and shall work directly with legal counsel in completing his/her assigned responsibilities and tasks.

SACRAMENTO\ASIPRELLE\59033.1

June 20, 2018

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

RECOMMENDATION

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

SUMMARY

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

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

DISCUSSION

Background

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

Present Situation

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

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

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

CONSENT CALENDAR

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FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully Submitted,



STEFANI PHILLIPS,
BOARD SECRETARY

And



PATRICK LEE,
TREASURER

Attachments

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

Wednesday, May 16, 2018

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

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

Directors Present: Bob Gray, Lisa Medina, Tom Nelson, Sophia Scherman, Jeanne Sabin
Directors Absent: None
Staff Present: Mark Madison, General Manager; Bruce Kamilos, Assistant General Manager; Stefani Phillips, Board Secretary; Patrick Lee, Finance Manager; Donella Murillo, Finance Supervisor; and Sarah Jones, Program Manager, Alan Aragon, Water Distribution Operator III; Sean Hinton, Water Distribution Operator III; Richard Salas, Water Distribution Supervisor
Staff Absent: None
Associate Directors Present: Kenneth Strom
General Counsel Present: Ruthann G. Ziegler, Meyers Nave
Consultants Present: Shawn Koorn, HDR Consulting, Inc.
Public Present: Susan Pecci

Public Comment

Nothing to Report.

1. Proclamations and Announcements

Nothing to report.

2. Consent Calendar

- a. Regular Board Meeting Minutes of April, 2018
- b. FRCD Cash Flow Worksheet – April, 2018
- c. Warrants Paid – April, 2018
- d. Active Accounts – April, 2018
- e. Bond Covenant Status – April, 2018
- f. Revenues and Expenses – April, 2018
- g. Cash Accounts – April, 2018
- h. Consultants Expenses – April, 2018
- i. Major Capital Improvement Projects – April, 2018

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

3. Committee Meetings

Stefani Phillips, Board Secretary, presented the Committee Meetings to the Board. There were three (3) committee meetings in the month of April. The Infrastructure Committee (IC) met on Wednesday, April 11, 2018 to review the Fiscal Year (FY) 2019-2023 Capital Improvement Program (CIP). The Community Advisory Committee (CAC) and the Finance Committee (FC) both met on Thursday, April 19, 2018 to discuss the 2018-2022 Water Rate and Connection Fee Study.

Director Jeanne Sabin asked what the revision was in the IC meeting minutes. Ms. Phillips responded the change, located on page 30 of the board packet, was an additional sentence

to clarify Director Lisa Medina's question. During the meeting, Ms. Medina asked about a project using the incorrect project name; an additional sentence was placed in the minutes of Bruce Kamilos, Assistant General Manager clarifying what project she actually was referring to.

MSC (Gray/Medina) to accept the minutes with revisions of the Infrastructure Committee Meeting held on Wednesday, April 11, 2018 and the Community Advisory Committee Meeting and Finance Committee Meeting held on Thursday, April 19, 2018. 5/0: Ayes: Gray, Medina, Nelson, Sabin and Scherman.

4. Elk Grove Water District Operations Report – April 2018

General Manager, Mark Madison presented the Elk Grove Water District (EGWD) Operations Report – April 2018 to the Board.

Summary:

- Door tags and shutoffs (426 & 60, respectively) was a little higher than what is expected for April.
- There was one pressure complaint, and this was unconfirmed.
- There was one water quality complaint, and this was not related to our water.
- 150 hydrants checked. The District's hydrant maintenance target is set at 135 per month (ea. hydrant once per year).
- 150 valves exercised. The District's valve exercising target is set at 120 per month (every valve once per 3 years).
- Wells 4D, 14D, and 13 were the main sources of supply for Service Area 1.
- Well 8 remained offline while it is being refurbished.
- Production for Service Area 1 increased a little compared to last month.
- Total customer usage for EGWD (SA1 and SA2) down by 37.04% compared to April 2013.
- The Static and Pumping Water level charts have new data including the 2nd quarter results. The static water levels are significantly higher than that of the 2nd quarter in 2016.
- All required sampling was performed with no anomalies.
- All required regulatory reports were submitted on time and there were no excursions of any regulatory requirements.
- All preventative maintenance activities have been performed in compliance with our Standard Operating Procedures.
- Backflow prevention program. As of the end of February, we had 13 delinquent customers. Staff is working with these customers to bring them into compliance.
- We had 4 formal safety meetings and it has been 815 days since we have had a lost time injury.
- Service Line Replacements – No service lines were replaced in April as our Utility crew was working on other projects. They are back working on those now.
- There were 3 service line leaks in April. 2 were from pinholes and was an old saddle.
- Pressures in Service Area 1 remained stable in the 60 psi range. Pressures in Service Area 2 were also about the same.

Mr. Madison spoke briefly about the treatment plant tour, mentioning that the District's treatment plant was one of the sites chosen to essentially be modeled after. He commented what really sparkled about the tour was the condition of the facility, giving credit to the whole crew.

Director Sophia Scherman gave kudos to the staff that go out and help ratepayers with water issues. She then referenced the Operations Report, asking if there is a place in the report where customer calls are captured. Mr. Madison explained the process of getting water issue calls from ratepayers, from the initial call to solving the problem. There was a discussion on

where in the Operations Report the calls were documented and Mr. Madison stated he would look into it. He mentioned that normally they are documented under Service Requests once a call comes in and a work order is created to resolve the issue.

5. 2018 Water Rate Study and Proposition 218 Protest Notice

Finance Manager, Patrick Lee introduced Shawn Koorn, HDR Consulting Inc. to discuss the 2018 Water Rate Study and Proposition 218 Protest Notice.

Mr. Koorn summarized the compilation of the rate study process, which is to first figure out the revenue requirement, then reviewing the cost of service analysis, and finally coming up with a rate design that fits the District's revenue needs for a five (5) year period.

In summary, Mr. Koorn stated during the revenue requirement step, the District decided on a 0% increase for the first two (2) years and a 3% increase the following three (3) years. During the cost of service analysis, the District determined how they will allocate costs between each customer class and during the rate design, the District decided to go with a 65 fixed/35 variable rate structure.

Mr. Madison mentioned there were many meetings held on the Rate Study between the Community Advisory Committee (CAC) and the Finance Committee (FC).

Mr. Madison commented that while staff was reviewing the draft rate study, they found incorrect data, which caused some factors to change in the cost of service analysis; once corrected, it decreased the irrigator's rates from increasing 18.4%, down to an increase of 8%. He mentioned that per the FC's request, the District set up meetings to speak with the heavy irrigator users, the Consumnes Service District (CSD) and the Elk Grove Unified School District (EGUSD). The District had a good meeting with the CSD, whom did not express concern about the 8% increase. Mr. Madison said he believes this is because there is a 0% increase the following year, making the increase more of a 4% increase the next two (2) years. He mentioned the District did not get a call back from the EGUSD and is still trying to get a meeting with them.

Mr. Madison stated that the Rate Study results are far better than he expected, being virtually the same as what the District has today. Lastly, he mentioned that during the study the consultants revisited the difference between having one (1) charge for both service areas or each area having a separate charge. The decision to have one (1) charge still remains, because ultimately the cost is the same to maintain and operate both areas.

Associate Director, Kenneth Strom discussed the views of the CAC, stating that all the members were happy with the results. The Board complimented the CAC for their work.

Vice-chairperson, Bob Gray provided history about combining the two (2) service areas, which had separate associated charges into one (1) service area with one (1) charge. He mentioned that it was his initial suggestion to do so back in 2007.

Mr. Madison explained what is expected of the Board regarding the 2018 Water Rate Fee Study as of the meeting, which is to tentatively approve the Rate Study subject to going through the Proposition 218 process.

MSC (Sabin/Medina) to approve the 2018 Water Rate Fee Study subject to the receipt and consideration of any protests and comments received before and during the public hearing conducted in compliance with Proposition 218, and direct staff to initiate the Proposition 218 compliance process, including the mailing of a notice of the public hearing for the

consideration of the proposed water rates to the record owners of property to be subject to the water service fees and any tenants who are directly liable for the payment of water service fees. 5/0: Ayes: Gray, Medina, Nelson, Sabin and Scherman.

6. Draft Fiscal Year 2018-19 Elk Grove Water District Operating Budget

Finance Manager, Patrick Lee presented the Draft Fiscal Year (FY) 2018-19 Elk Grove Water District Operating Budget.

Mr. Lee informed the Board projections show revenue will come in at \$14.85 million and expenditures at \$14.80 million in FY 2018-19, leaving \$50,000 in excess revenue to add to reserves. He mentioned FY 2018-19 budgeted for no revenue adjustments with the 2018 Water Rate Fee Study. Mr. Lee highlighted various items in the report under expenditures. He mentioned salaries were estimated off an increase of 2.73% from the cost-of living adjustment (COLA); he commented that the COLA will actually increase the salaries by 2.77% and the numbers in the draft budget will be adjusted accordingly.

Mr. Madison spoke on the increase in Sacramento County Groundwater Authority (SCGA) fees. He explained that the SCGA wants to increase EGWD's dues to \$46,000. Mr. Madison issued a letter to the Executive Director of the SCGA to inform them that the District has an issue with two (2) of the three (3) contribution elements that comprise the fee and therefore, the District's contribution at this time will only be \$8,500. He commented to the Board that the two (2) elements do not comply with the Joint Powers Agreement and he does not want the District to be complicit with infractions of the Joint Powers Agreement.

Mr. Madison pointed out that the current draft budget shows a placeholder of \$36,000 for the dues, but after consultation with Chairperson Tom Nelson, that placeholder has been raised to \$46,000. He stated just because it is budgeted for, does not mean the District is agreeing to pay that much to the SCGA.

Ms. Medina asked if the concern of the two (2) elements is directly related to the Joint Powers Agreement. Mr. Madison responded that the Joint Powers Agreement specifies the rubric for how contributions are tallied up and the SCGA is ignoring certain components and adding others that are not included.

Ms. Sabin asked when the SCGA would want the dues payment. Mr. Madison replied, the SCGA wants the payment by July 1, 2018.

Mr. Lee continued explaining estimated increases and decreases in expenditures for FY 2018-19.

Mr. Madison drew the Board's attention to page 41 of the draft budget document, referencing the draft Key Objectives of the General Manager. He informed the Board, he wants them to carefully read the objectives and would like to have a mutual agreement with them on the general key objectives for FY 2018-19. Mr. Nelson spoke about updating the Employee Policy Manual, which was one of the key objectives. He suggested that the District might complete the policy manual update in sections and have the committee help throughout. A discussion followed.

7. Florin Resource Conservation District June 30, 2017 Governmental Accounting Standards Board Statement No. 75 Valuation For Other Postemployment Benefits

Mr. Lee presented on the Florin Resource Conservation District June 30, 2017 Governmental Accounting Standards Board Statement No. 75 Valuation for Other Postemployment Benefits

(OPEB). This report is to keep the Board and the public informed on the funded status and net OPEB asset/liability of the District's postretirement benefit plan.

Mr. Lee gave a summary of the District's current OPEB plan funded status, stating that the District is 107% covered.

Mr. Nelson provided history of the District's contribution into the OPEB plan, mentioning that a couple years ago, the Board decided to place \$850,000 in to OPEB. Mr. Madison commented the unfunded liabilities both relative to OPEB and CalPERS is a ticking time bomb, and the state of the District in relation to both is in an exceptionally good position thanks to the Board's decision to put money towards OPEB. A discussion followed.

8. Outside Agency Meetings Report

Mr. Madison introduced the Outside Agency Meetings Report.

Mr. Nelson spoke about the Central Sacramento County Recharge Studies meeting that took place on May, 24, 2018. He mentioned that a lot of agencies were at the meeting discussing what tools they have utilized to study underground rivers. There was discussion on a 1,400 acre "gold mine" that is 10-100 times better at putting water into the ground. He mentioned that Tim Washburn, Sacramento Area Flood Control Agency (SAFCA), commented that they want to get water out of Folsom and even discussed using the Folsom South Canal, which has not been used for a while. Mr. Nelson mentioned that Mr. Washburn also stated that it does not look like there is much interest in the central area about doing groundwater recharge, which Mr. Nelson states is not true.

Mr. Kamilos provided information on the SCGA Budget Subcommittee meeting. He mentioned that he spoke with the subcommittee about the District's contribution and why they are not providing the full amount. Mr. Kamilos stated that he is seeing other board members starting to feel annexed by the raising prices and more organizations are starting to look into how the SCGA is being ran.

Ms. Jones spoke regarding the Water Efficiency Workshop put on by the American Water Works Association (AWWA). She mentioned it was a preparatory workshop to prepare for the Water Efficiency Practitioner Grade Level I Exam that she will be taking.

Mr. Madison spoke about the ACWA/JPIA Conference. He provided a packet with everyone who attended the conferences notes for a summary of how it went. He mentioned, overall the sessions were better than the last couple of conferences attended. A discussion took place. Mr. Madison also briefly mentioned that the back of the packet provided a copy of a publication of a Superior court case regarding pinhole leaks.

Mr. Gray commented to Ruthann Ziegler, General Counsel that after reading her email regarding independent contractors versus employees, the District is good concerning the three (3) criteria. When questioned by the other Board members when this came up, Ms. Ziegler responded, there is a Supreme Court case regarding independent contractors versus employees in the private sector, but there has been some word that it might become part of the public sector as well.

Mr. Madison talked about the SCGA Board Meeting. He commented that Mr. Kamilos and many others are working with Rob Swartz, Sacramento Groundwater Authority (SGA) and a consultant regarding the Regional Water Reliability Studies, which is a study of how to move water around between different agencies to get the most out of the supplies and use less water. In summary, if the regions were able to do this, it would recharge 62,000 acre feet

throughout the region in one year; the District pumps 3,700 acre feet a year for reference. Mr. Madison explained, the two hindrances to this happening are money and fluoride.

Mr. Madison informed the Board the next ACWA Conference will be in San Diego in November. A discussion followed.

9. Directors Comments

Ms. Sabin thanked Mr. Madison for introducing her at the ACWA Conference, she appreciated the opportunity to attend.

Mr. Madison informed the Board, he budgeted for two (2) Board members to attend the San Diego conference, but if more would like to attend to let him know.

Ms. Sabin informed the Board that she was accepted into the UC Davis Civil Environmental Engineering Graduate program.

Ms. Sabin also requested approval from the Board to be gone during the June and July Board Meetings so she can be a backpacking guide in Alaska for the Boy Scouts. Ms. Medina asked if she could teleconference in to the Board Meetings. Ms. Ziegler stated that she could teleconference in, she would have to be able to print the agenda, post it in a public place, and be in a spot where the public can attend if they please. Staff will be scheduling a Special Board Meeting on May 23, 2018 to formally discuss this issue.

Ms. Jones showed the Board the "Be Water Smart" pledge banner that members of the public signed at the festival on May 5-6.

No reportable action was taken.

Adjourn to regular meeting on June 20, 2018 at 6:30 p.m.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary
AK/SP



FRCD Cash Flow For the Month Ended May 31, 2018

Cash in Bank – Beginning	\$ 18,564.35
Grant Reimbursements:	
Disbursements:	
Check # 1062-EGUSD Slews-Teacher/Transportation	-\$ 393.29
Check # 1063-Badawi Audit	-\$ 1,224.00
Check # 1064-Meyers Nave Legal	-\$ 833.63
Check # 1065-EGWD Salary Allocation PM	-\$ 860.80
Cash in Bank – Ending	\$ 15,252.63

Check History Report

5/1/2018 to 5/31/2018
Elk Grove Water District

Check Number	Check Date	Vendor Number	Name	Check	Explanation
046941	5/1/2018	JAVIER	JAVIER DELCID	80.00	Account Closed- Customer Refund
046942	5/2/2018	A. TEIC	A. TEICHERT & SON, INC	1,087.00	Materials/Supplies-MOC
046943	5/2/2018	AT&T	AT&T MOBILITY-ROC	324.40	
046944	5/2/2018	B WAGNE	BRANDON WAGNER	81.75	Clothing Reimbursement
046945	5/2/2018	BSK4	BSK ASSOCIATES	1,620.00	Various Invoices-Sampling-Treatment
046946	5/2/2018	BURKETT	BURKETT'S	20,400.21	Furniture- Meeting and IT Center
046947	5/2/2018	CAL CUT	CALIFORNIA CUT & CORE, INC	365.00	
046948	5/2/2018	CAL STE	CALIFORNIA STEAM	11.04	
046949	5/2/2018	COUNTY4	SACRAMENTO COUNTY UTILITIES	221.97	
046950	5/2/2018	EG FORD	ELK GROVE FORD	184.77	
046951	5/2/2018	HASTIES	HASTIE'S CAPITOL SAND AND	2,712.07	Materials/Supplies-MOC
46952	5/2/2018	HOLT	HOLT OF CALIFORNIA	1,046.78	Repairs & Maintenances-Outriggers
046953	5/2/2018	INFINIT	INFINITE IT SOLUTIONS INC.	6,160.00	I.T. Contracted Services
046954	5/2/2018	INT STA	INTERSTATE OIL COMPANY	1,581.37	Fuel
046955	5/2/2018	JAN PRO	JAN-PRO CLEANING SYSTEMS OF	500.00	Janitorial-MOC/ADMIN
046956	5/2/2018	LAKE V	LAKE VUE ELECTRIC, INC	2,467.00	Installation of EMOM Meter
046957	5/2/2018	NICOLAY	NICOLAY CONSULTING GROUP	8,000.00	Actuarial Services-OPEB
046958	5/2/2018	NORCAL	NOR*CAL ASPHALT	29,159.00	Kent Street Water Main Paving
046959	5/2/2018	NTS	NTS MIKEDON, LLC	81.90	
046960	5/2/2018	PACE	PACE SUPPLY CORP	1,205.50	Various Invoices-Materials/Supplies-Kent St, Camden and Distribution
046961	5/2/2018	PETTY	PETTY CASH	267.14	
046962	5/2/2018	PLACER	RIVER CITY RENTALS	250.00	
046963	5/2/2018	ROOCO	ROOCO RENTS	865.00	Materials/Supplies-Camden
046964	5/2/2018	SOUTHWE	SOUTHWEST ANSWERING	245.52	
046965	5/2/2018	TRENCH	TRENCH PLATE RENTAL CO	160.60	
046966	5/2/2018	UNITED	UNITED SITE SERVICES	309.53	
046967	5/2/2018	ZOOM	ZOOM IMAGING SOLUTIONS, INC	10.99	
046968	5/9/2018	ACWAJPI	CB&T/ ACWA-JPIA	62,164.16	Medical Benefits- June 2018
046969	5/9/2018	AMAZON	AMAZON CAPITAL SERVICES	302.95	
046970	5/9/2018	BG SOLU	SOLUTIONS BY BG INC.	4,455.00	Daily Tasks/Help Tickets
046971	5/9/2018	BRENNTA	BRENNTAG PACIFIC, INC	2,522.11	Supplies-Treatment
046972	5/9/2018	BSK4	BSK ASSOCIATES	985.00	Various Invoices-Sampling-Treatment
046973	5/9/2018	CONSOLI	CONSOLIDATED COMMUNICATIONS	1,528.42	Ethernet Service/Phones-MOC
046974	5/9/2018	CPM 2	COMMERICAL PUMP & MECHANICAL	54,344.75	Well 8 Pump Replacement
046975	5/9/2018	CR ORTC	OLD REPUBLIC TITLE	3.95	Account Closed- Customer Refund
046976	5/9/2018	CRALS	ALTISOURCE SOLUTIONS	78.47	Account Closed- Customer Refund
046977	5/9/2018	CRCHIC	CHICAGO TITLE	106.85	Account Closed- Customer Refund
046978	5/9/2018	CRCOG	CORNERSTONE TITLE CO	45.13	Account Closed- Customer Refund
046979	5/9/2018	CRF FID	FIDELITY NATIONAL TITLE COMP	83.85	Account Closed- Customer Refund

046980	5/9/2018	CRF FN	FIDELITY NATIONAL TITLE	38.96	Account Closed- Customer Refund
046981	5/9/2018	CRF LEN	LENNAR HOMES CA, INC	27.04	Account Closed- Customer Refund
046982	5/9/2018	CRF RRO	REALITY ROUNDUP	19.28	Account Closed- Customer Refund
046983	5/9/2018	CRF STE	STEWART TITLE	4.60	Account Closed- Customer Refund
046984	5/9/2018	CRFAIR	AIDA M. ROSA	90.00	Account Closed- Customer Refund
046985	5/9/2018	CRFCYH	CYNTHIA HEAVENSTON	9.23	Account Closed- Customer Refund
046986	5/9/2018	CRFDEC	DEAN & CHRISTINE CARL	155.43	Account Closed- Customer Refund
046987	5/9/2018	CRFDEPE	DEBORAH PECK	90.48	Account Closed- Customer Refund
046988	5/9/2018	CRFFNC	FIDELITY NATIONAL TITLE COMP	53.23	Account Closed- Customer Refund
046989	5/9/2018	CRFJGS	JENNIFER GEE SCHOON-TONG	29.31	Account Closed- Customer Refund
046990	5/9/2018	CRFJOLO	JOHN LOCKE	36.56	Account Closed- Customer Refund
046991	5/9/2018	CRFKAR	KARI RICHARDSON	108.47	Account Closed- Customer Refund
046992	5/9/2018	CRFMAD	MARIA DIAZ	170.79	Account Closed- Customer Refund
046993	5/9/2018	CRFMFC	MARK & FRANCESCA CANFIELD	20.43	Account Closed- Customer Refund
046994	5/9/2018	CRFMOA	MOHD AMINY	5.10	Account Closed- Customer Refund
046995	5/9/2018	CRFNEW	NELLENE WOMACK	70.81	Account Closed- Customer Refund
046996	5/9/2018	CRFORTC	OLD REPUBLIC TITLE CO	44.16	Account Closed- Customer Refund
046997	5/9/2018	CRFOTW	OTMAR WEBER	38.10	Account Closed- Customer Refund
046998	5/9/2018	CRFRIP	RICK PUDGE	69.45	Account Closed- Customer Refund
046999	5/9/2018	CRFSTOP	STEWART TITLE OF PLACER	14.70	Account Closed- Customer Refund
047000	5/9/2018	CRFSUC	SUSANA CORNEJO	69.56	Account Closed- Customer Refund
047001	5/9/2018	CRFSUR	SUSAN ROMANO	11.26	Account Closed- Customer Refund
047002	5/9/2018	CRFVEV	VERNON VINCENT	12.26	Account Closed- Customer Refund
047003	5/9/2018	CRFWAG	WARLITA GREEN	78.20	Account Closed- Customer Refund
047004	5/9/2018	CRNATI	NORTH AMERICAN TITLE	69.95	Account Closed- Customer Refund
047005	5/9/2018	CROCTC	ORANGE COAST TITLE COMPANY	299.66	Account Closed- Customer Refund
047006	5/9/2018	CS JC	CARD SERVICES	788.86	Account Closed- Customer Refund
047007	5/9/2018	CS SP	CARD SERVICES	992.73	Account Closed- Customer Refund
047008	5/9/2018	CS SS	CARD SERVICES	634.26	Account Closed- Customer Refund
047009	5/9/2018	CSPL	CARD SERVICES	20.00	Account Closed- Customer Refund
047010	5/9/2018	DATAPRO	DATAPROSE LLC	6,632.85	Account Closed- Customer Refund
047011	5/9/2018	HEWITT	Aaron Hewitt	101.79	Account Closed- Customer Refund
047012	5/9/2018	JAN PRO	JAN-PRO CLEANING SYSTEMS OF	765.00	Account Closed- Customer Refund
047013	5/9/2018	JOE'S	JOE'S WORK WEAR	105.17	Account Closed- Customer Refund
047014	5/9/2018	LAKE V	LAKE VUE ELECTRIC, INC	1,765.00	Account Closed- Customer Refund
047015	5/9/2018	NORTH	NORTH AMERICAN TITLE COMPANY	11.03	Account Closed- Customer Refund
047016	5/9/2018	NORTH	NORTH AMERICAN TITLE COMPANY	49.82	Account Closed- Customer Refund
047017	5/9/2018	NORTH	NORTH AMERICAN TITLE COMPANY	77.48	Account Closed- Customer Refund
047018	5/9/2018	NORTH 1	NORTH AMERICAN TITLE	59.47	Account Closed- Customer Refund
047019	5/9/2018	NORTH 1	NORTH AMERICAN TITLE	80.38	Account Closed- Customer Refund
047020	5/9/2018	OREILLY	O'REILLY AUTO PARTS	38.51	Account Closed- Customer Refund
047021	5/9/2018	PEST	PEST CONTROL CENTER INC	80.00	Account Closed- Customer Refund
047022	5/9/2018	RADIAL	RADIAL TIRE OF ELK GROVE	1,270.86	Account Closed- Customer Refund
047023	5/9/2018	REPUBLI	REPUBLIC SERVICES #922	1,184.35	Account Closed- Customer Refund
047024	5/9/2018	ROTH	ROTH STAFFING COMPANIES, L.P.	1,947.38	Account Closed- Customer Refund
047025	5/9/2018	SAC 5	SACRAMENTO COUNTY	8.00	Account Closed- Customer Refund
047026	5/9/2018	SIERRA	SIERRA OFFICE SUPPLIES	78.36	Account Closed- Customer Refund
047027	5/9/2018	SMUD	SMUD	4,211.64	Account Closed- Customer Refund

Training, Seminars, Employee Appreciation
Materials/Supplies-Treatment
Filing of Statement of Interest
Monthly Billing-April 2018

Janitorial-MOC/IT Center

Install Switches on a Generator at RR
Account Closed- Customer Refund
Account Closed- Customer Refund
Account Closed- Customer Refund
Account Closed- Customer Refund

Various Invoices-Repairs & Maintenance, Truck # 402, Dump Truck

Temporary Customer Service Help

047028	5/9/2018	SMUD	SMUD	20.20	
047029	5/9/2018	SMUD	SMUD	1,866.45	
047030	5/9/2018	SMUD	SMUD	6,702.94	
047031	5/9/2018	SMUD	SMUD	751.55	
047032	5/9/2018	SMUD	SMUD	967.97	
047033	5/9/2018	SMUD	SMUD	663.49	
047034	5/9/2018	SMUD	SMUD	2,461.40	
047035	5/9/2018	SMUD	SMUD	685.30	
047036	5/9/2018	STOR PR	STORAGE PRO, INC	54.85	
047037	5/9/2018	SWRCB2	SWRCB-DWOCB	90.00	
047038	5/9/2018	TOSHIBA	TOSHIBA FINANCIAL SERVICES	593.01	Copier-ADMIN
047039	5/9/2018	ULTRA	ULTRA TRUCK WORKS, INC	139.97	Materials/Supplies-Utility Crew
047040	5/9/2018	WHITE	HDS WHITE CAP CONST SUPPLY	534.49	Temporary Trailer Rental-MOC
047041	5/9/2018	WILL SC	WILLIAM SCOTSMAN, INC.	558.99	
047042	5/16/2018	AFLAC	AFLAC	1,900.63	
047043	5/16/2018	AM	AM CONSERVATION GROUP, INC	4,310.00	Water Conservation Materials-Moisture Meters
047044	5/16/2018	AMAZON	AMAZON CAPITAL SERVICES	422.07	
047045	5/16/2018	BADAWI	BADAWI & ASSOCIATES	11,016.00	Auditing Services-FY 2017-2018
047046	5/16/2018	BEN RES	BENEFIT RESOURCE, INC	100.00	
047047	5/16/2018	BRINKS	BRINK'S INCORPORATED	320.64	
047048	5/16/2018	CAP RUB	CAPITAL RUBBER & GASKET	45.74	
047049	5/16/2018	CCPPM	CCPPM	3,600.00	CCR Mailing-Postage
047050	5/16/2018	CINTAS	CINTAS	49.49	
047051	5/16/2018	COEG	CITY OF ELK GROVE	378.52	
047052	5/16/2018	CORNING	CORNING FORD	61,321.64	2018 F450 Cab/Chassis Truck
047053	5/16/2018	COUNTY3	COUNTY OF SACRAMENTO	69.60	
047054	5/16/2018	CRF LEN	LENNAR HOMES CA, INC	15.85	Account Closed- Customer Refund
047055	5/16/2018	CRF LEN	LENNAR HOMES CA, INC	48.65	Account Closed- Customer Refund
047056	5/16/2018	CRF LEN	LENNAR HOMES CA, INC	16.36	Account Closed- Customer Refund
047057	5/16/2018	CRF LEN	LENNAR HOMES CA, INC	95.31	Account Closed- Customer Refund
047058	5/16/2018	CRF LEN	LENNAR HOMES CA, INC	30.04	Account Closed- Customer Refund
047059	5/16/2018	CRFANM	ANNE L. MARTIN	7.84	Account Closed- Customer Refund
047060	5/16/2018	CRFDES	DEBORAH STEVENS	71.23	Account Closed- Customer Refund
047061	5/16/2018	CRFWAD	WAYNE D. HUTSON	15.05	Account Closed- Customer Refund
047062	5/16/2018	CS BK	CARD SERVICES	111.66	N. Camden Water Main Relocation (Meal for Crew)
047063	5/16/2018	CS MJM	CARD SERVICES	1,218.09	ACWA Conference, Lisa Medina, Contracted Services, Meals
047064	5/16/2018	CS RS	CARD SERVICES	1,444.02	Materials/Supplies-Utility Crew
047065	5/16/2018	CS SJ	CARD SERVICES	750.46	AWWA Conference, Training, Parking, Materials, Supplies
047066	5/16/2018	DMV	DMV	1.00	
047067	5/16/2018	EG FORD	ELK GROVE FORD	342.50	
047068	5/16/2018	FASTENA	FASTENAL COMPANY	210.27	
047069	5/16/2018	FERGUS	FERGUSON ENTERPRISES, INC	99.13	Materials/Supplies-Distribution
047070	5/16/2018	GOLDEN	GOLDEN STATE FLOW	940.89	Repairs & Maintenance -Backhoe
047071	5/16/2018	HOLT	HOLT OF CALIFORNIA	1,202.98	Fuel
047072	5/16/2018	INT STA	INTERSTATE OIL COMPANY	2,364.62	Materials/Supplies-Camden
047073	5/16/2018	JAYS	JAY'S TRUCKING SERVICE	2,467.76	
047074	5/16/2018	KAISER2	KAISER FOUNDATION HEALTH PLAN	230.00	

047075	5/16/2018	MAITA	MAITA CHEVROLET	88.40			
047076	5/16/2018	NTS	NTS MIKEDON. LLC	510.30			Materials/Supplies-Utility Crew
047077	5/16/2018	PACE	PACE SUPPLY CORP	3,106.13			Materials/Supplies-Treatment, Utility Crew
047078	5/16/2018	PAULA M	PAULA MAITA & COMPANY	2,988.32			Water Conservation Materials-Aluminum Water Bottles
047079	5/16/2018	PAULA M	PAULA MAITA & COMPANY	1,462.96			Water Conservation Materials-Rubber Ducks
047080	5/16/2018	PAULA M	PAULA MAITA & COMPANY	2,726.86			Conservation Materials-Rain Gauge Water Droplets
047081	5/16/2018	PG&E	PACIFIC GAS & ELECTRIC	14.99			
047082	5/16/2018	PURCH	PURCHASE POWER	576.98			Postage
047083	5/16/2018	RBI	ROBERTSON-BRYAN, INC	4,930.00			Compliance Reporting Services
047084	5/16/2018	RDO 1	RDO TRUST # 80-5800	71.61			
047085	5/16/2018	RDO 1	RDO TRUST # 80-5800	7.67			
047086	5/16/2018	REPUBLI	REPUBLIC SERVICES #922	77.48			
047087	5/16/2018	ROOCO	ROOCO RENTS	94.82			
047088	5/16/2018	ROTH	ROTH STAFFING COMPANIES, L.P.	877.04			Temporary Customer Service Help
047089	5/16/2018	SAC 5	SACRAMENTO COUNTY	8.00			
047090	5/16/2018	SAC 5	SACRAMENTO COUNTY	8.00			
047091	5/16/2018	SAC 5	SACRAMENTO COUNTY	8.00			
047092	5/16/2018	SAC 5	SACRAMENTO COUNTY	8.00			
047093	5/16/2018	SAC ICE	SAC ICE	5,398.98			New Ice Machine-MOC
047094	5/16/2018	SIERR C	SIERRA CHEMICAL COMPANY	2,689.58			Materials/Supplies- Treatment
047095	5/16/2018	SIERRA	SIERRA OFFICE SUPPLIES	812.79			
047096	5/16/2018	SOUTHSI	SOUTHSIDE EQUIPMENT RENTALS,	21.33			
047097	5/16/2018	TRAFF S	TRAFFIC SIGN SPECIALTIES	68.96			
047098	5/16/2018	ULTRA	ULTRA TRUCK WORKS, INC	53.77			
047099	5/16/2018	VERIZON	VERIZON WIRELESS	466.05			
047100	5/16/2018	WHITE	HDS WHITE CAP CONST SUPPLY	44.14			
047101	5/16/2018	ZUKES	ZUKE'S LANDSCAPE INC.	1,500.00			Quarterly Landscaping-MOC/ADMIN
047102	5/23/2018	BATTER	BATTERIES PLUS	955.58			UPS Battery Backups Replacements
047103	5/23/2018	BAY ALA	BAY ALARM COMPANY	1,655.26			Security-MOC/ADMIN
047104	5/23/2018	BG SOLU	SOLUTIONS BY BG INC.	5,655.00			Daily Tasks/Help Tickets
047105	5/23/2018	BSK4	BSK ASSOCIATES	200.00			Various Invoices-Sampling-Treatment
047106	5/23/2018	CCPPM	CCPPM	7,694.50			Mailings-News Letter, Postage for Newsletter 2018
047107	5/23/2018	CR FID	FIDELITY NATIONAL TITLE	13.64			Account Closed- Customer Refund
047108	5/23/2018	CRF NT	NORTH AMERICAN TITLE COMPANY	3.19			Account Closed- Customer Refund
047109	5/23/2018	CRF SHP	SHAWN PLAIN	33.33			Account Closed- Customer Refund
047110	5/23/2018	CRF VAC	VALLI CONSTRUCTION	38.43			Account Closed- Customer Refund
047111	5/23/2018	CRFFNC	FIDELITY NATIONAL TITLE COMP	84.57			Account Closed- Customer Refund
047112	5/23/2018	CRFORA	ORANGE COAST TITLE	103.43			Account Closed- Customer Refund
047113	5/23/2018	DITCH	DITCH WITCH EQUIPMENT CO., INC	576.90			Materials/Supplies-Distribution
047114	5/23/2018	FRONT C	FRONTIER COMMUNICATIONS	227.25			
047115	5/23/2018	LISA ME	LISA MEDINA	72.74			
047116	5/23/2018	MEYERS	MEYERS NAVE PROFESSIONAL LAW CORPORATION	8,468.89			Parking & Mileage Reimbursement-ACWA Conference Legal-May 2018
047117	5/23/2018	OREILLY	O'REILLY AUTO PARTS	16.15			
047118	5/23/2018	PACE	PACE SUPPLY CORP	216.47			
047119	5/23/2018	PLATT2	PLATT	11.08			
047120	5/23/2018	ROTH	ROTH STAFFING COMPANIES, L.P.	1,061.68			Temporary Customer Service Help
047121	5/23/2018	SCELZI	SCELZI ENTERPRISES. INC.	5,690.28			6' long C-4 conduit boxes and other materials

047122	5/23/2018	SIE NAT	SIERRA NATIONAL CONSTRUCTION	370.30	
047123	5/23/2018	SIERRA	SIERRA OFFICE SUPPLIES	366.24	
047124	5/23/2018	T NELSO	TOM NELSON	699.00	Reimbursement-ACWA Conference Registration Copier-ADMIN
047125	5/23/2018	ZOOM	ZOOM IMAGING SOLUTIONS, INC	556.11	
047126	5/24/2018	FASTENA	FASTENAL COMPANY	42.05	
047127	5/24/2018	INT STA	INTERSTATE OIL COMPANY	1,807.07	Fuel
047128	5/24/2018	J SABIN	JEANNE SABIN	77.25	Parking & Mileage Reimbursement-ACWA Conference
047129	5/24/2018	NTS	NTS MIKEDON, LLC	29.70	
047130	5/24/2018	PACE	PACE SUPPLY CORP	132.32	
047131	5/24/2018	PAULA M	PAULA MAITA & COMPANY	1,381.40	Summer Safety Work Shirts-OPS Materials/Supplies-Camden
047132	5/24/2018	ROOCO	ROOCO RENTS	1,110.70	
047133	5/24/2018	SIERRA	SIERRA OFFICE SUPPLIES	129.24	
047134	5/24/2018	T FRANK	TRAVIS FRANKLIN	215.43	
047135	5/24/2018	ULTRA	ULTRA TRUCK WORKS, INC	50.51	
047136	5/24/2018	UNITED	UNITED SITE SERVICES	274.65	
047137	5/30/2018	ALL TIT	ALLIED TITLE & ESCROW SERVICES	48.20	
047138	5/30/2018	AMAZON	AMAZON CAPITAL SERVICES	78.95	
047139	5/30/2018	APS	APS ENVIRONMENTAL INC	1,748.86	Refund of Water Permit Fee
047140	5/30/2018	CRCT1	CHICAGO TITLE CO	342.18	Account Closed- Customer Refund
047141	5/30/2018	CRF TOP	STEWART TITLE OF PLACER	544.35	Account Closed- Customer Refund
047142	5/30/2018	CRFBD	BERTILLA DURANO	45.21	Account Closed- Customer Refund
047143	5/30/2018	CRFDMH	DVAE & MARY HOLOHUCK	15.67	Account Closed- Customer Refund
047144	5/30/2018	CRFFTC	FIRST AMERICAN TITLE COMPANY	328.46	Account Closed- Customer Refund
047145	5/30/2018	CRFFTC	FIRST AMERICAN TITLE COMPANY	15.65	Account Closed- Customer Refund
047146	5/30/2018	CRFJT	JERRI TURNER	76.09	Account Closed- Customer Refund
047147	5/30/2018	CRFLNP	LINDA PANGELINAN	57.05	Account Closed- Customer Refund
047148	5/30/2018	CRFLMP	LISA M PEREZ	50.00	Account Closed- Customer Refund
047149	5/30/2018	CRFSWP	STEVEN W PETERSON	40.86	Account Closed- Customer Refund
047150	5/30/2018	CRFWDJ	WILLIE DUCKETT JR	7.97	Account Closed- Customer Refund
047151	5/30/2018	EG FORD	ELK GROVE FORD	499.17	Repairs & Maintenance-Truck #405
047152	5/30/2018	EGUSD2	ELK GROVE UNIFIED SCHOOL	5,926.62	Audited Account-Refund Issued-Pleasant Grove High School
047153	5/30/2018	GOLDEN	GOLDEN STATE FLOW	442.48	Repairs & Maintenance-Auto Guns
047154	5/30/2018	JAYS	JAY'S TRUCKING SERVICE	1,286.95	Materials/Supplies-Distribution & Utility Crew
047155	5/30/2018	JOE'S	JOE'S WORK WEAR	111.84	
047156	5/30/2018	MW MAN	MW MANAGEMENT GROUP	86.20	
047157	5/30/2018	PACE	PACE SUPPLY CORP	1,721.20	Materials/Supplies-Utility Crew
047158	5/30/2018	PEST	PEST CONTROL CENTER INC	80.00	
047159	5/30/2018	PLA TIT	PLACER TITLE COMPANY	198.65	Account Closed- Customer Refund
047160	5/30/2018	RADIAL	RADIAL TIRE OF ELK GROVE	305.03	Repairs & Maintenance- Trucks # 500 and 413
047161	5/30/2018	ROTH	ROTH STAFFING COMPANIES, L.P.	877.04	Temporary Customer Service Help
047162	5/30/2018	S SCHER	SOPHIA SCHERMAN	68.14	Parking & Mileage Reimbursement-ACWA Conference
047163	5/30/2018	SIERRA	SIERRA OFFICE SUPPLIES	132.76	
047164	5/30/2018	SOUTHWE	SOUTHWEST ANSWERING	271.84	
047165	5/30/2018	ULINE	ULINE	91.28	
047166	5/30/2018	ULTRA	ULTRA TRUCK WORKS, INC	220.29	

Total: 424,228.28

**Elk Grove Water District
Active Account Information
5/31/2018**

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Metered												
Residential	11,787	11,811	11,786	11,812	11,789	11,784	11,806	11,780	11,793	11,794	11,805	
Commercial	527	526	527	527	527	527	530	530	528	529	531	
Fire Service	175	175	177	178	177	177	177	177	177	178	178	
Total Accounts	12,489	12,512	12,490	12,517	12,493	12,488	12,513	12,487	12,498	12,501	12,514	-

**Elk Grove Water District
Active Account Information
FY 2016/2017**

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

Elk Grove Water District

Bond Covenant Status

For Fiscal Year 2017-18

As of May 31, 2018

Adjusted for Prepayments

Operating Revenues:

Charges for Services	\$ 13,339,627
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Operating Expenses:

Salaries & Benefits (2)	3,280,265
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Seminars, Conventions and Travel	25,797
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Office & Operational	844,857
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Purchased Water	2,633,336
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Outside Services	823,978
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Equipment Rent, Taxes, an Utilities	310,052
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Total Operating Expenses	7,918,285
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Net Operating Income	\$ 5,421,342
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Annual Interest & Principal Payments	
\$3,823,349	\$ 3,504,737 (1)

Debt Service Coverage Ratio, YTD Only:	1.55
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Required	1.15
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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 **1.40**
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 May 31, 2018

	General Ledger Reference	YTD Activity	Annual Budget	11/12=91.67% Variance	% Realized
Revenues	4100 - 4900	\$ 13,339,627	\$ 14,294,096	\$ (954,469)	93.32%
Salaries & Benefits	5100 - 5280	3,460,736	4,109,177	(648,441)	84.22%
less Capitalized Labor		(169,500)	(560,829)	391,329	30.22%
Less CalPERS Prepayment for Remainder of Year: (3)		(10,971)		(10,971)	
Adjusted Salaries and Benefits: (3)		\$ 3,280,265	\$ 3,548,348	\$ (268,083)	92.44%
Seminars, Conventions and Travel	5300 - 5350	25,797	50,500	(24,703)	51.08%
Office & Operational	5410 - 5494	844,857	984,881	(140,024)	85.78%
Purchased Water est. (4)	5495 - 5495	2,633,336	3,010,765	(377,430)	87.46%
Outside Services	5505 - 5580	823,978	941,110	(117,132)	87.55%
Equipment Rent, Taxes, Utilities	5620 - 5760	310,052	409,000	(98,948)	75.81%
Total Operational Expenses		\$ 7,918,285	\$ 8,944,604	\$ (1,026,319)	88.53%
Net Operating Inome		\$ 5,421,342	\$ 5,349,492	\$ 71,850	101.34%
Non-Operating Revenues					
Interest Received	9910 - 9910	75,501	110,000	(34,499)	68.64%
Unrealized Gains/Losses	9911 - 9911	(76,528)	-	(76,528)	-
Other Income/Expense	9920 - 9973	(88,400)	14,900	(103,300)	-593.29%
Total Non-Operating Revenues		\$ (89,427)	\$ 124,900	\$ (214,327)	-71.60%
Capital Expenses (2):					
Capital Improvements		748,664	980,000	(231,336)	76.39%
Capital Replacements		463,179	630,185	(167,006)	73.50%
Equipment	1705 - 1760	83,969	100,000	(16,031)	83.97%
Unforeseen Capital Projects		-	45,815	(45,815)	0.00%
Capital Expenses:		\$ 1,295,811	\$ 1,756,000	\$ (460,189)	73.79%
Bond Interest Accrued	7300 - 7300	1,671,403	1,833,349	(161,946)	91.17%
Total Non Operating Expenses		\$ 2,967,215	\$ 3,589,349	\$ (622,134)	82.67%
Revenues in Excess of All Expenditures, including Capital		\$ 2,364,701	\$ 1,885,043	\$ 479,657	125.45%
Bond Retirement (1):		\$ 1,990,000	\$ 1,990,000	\$ -	100.00%
Net Position after Capital and Debt Retirement Expenditures		\$ 374,701	\$ (104,957)	\$ 479,657	

Notes:

- Bond retirement payments are made two times a year in September and March
- YTD Activity includes \$169,500 in capitalized labor charged to capital projects.
- The District prepays CalPERS for the employers' share of retirement costs for the entire year. By doing this, the District saves approximately 3.7% in its total CalPERS payments for the year. The adjusted salaries and benefits above shows what salaries and benefits would be if only the amount due to CalPERS YTD was paid YTD, with no prepayment
- There is a lag in water billings from the Sacramento Water District. Included above is an estimate of costs to date based on water used.

**Florin Resource Conservation District
CASH - Detail Schedule of Investments
5/31/2018**

<u>G/L Account Fund</u> <u>HELD BY BOND TRUSTEE:</u>	<u>Account number / name</u>	<u>Investment Name</u>	<u>Investment Type</u>	<u>Restrictions</u>	<u>Market Value</u>				
1110-000-20 Water	BNY 892744 FRCD 2014A DEBT SERVICE	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	0.00				
1112-000-20 Water	BNY 743850 FRCD 2016A DEBT SERVICE	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	0.00				
				Subtotal	\$ -				
1001-000-20 Water	Cash on Hand			Unrestricted	\$ 300.00				
HELD BY F&M BANK:									
1011-000-10 FRCD	F&M 08-032009-01 CHECKING ACCOUNT			Unrestricted	16,222.69				
1011-000-20 Water	F&M 08-032017-01 OPERATING ACCOUNT			Unrestricted	1,181,001.65				
1031-000-20 Water	F&M 08-032912-01 CREDIT CARD ACCOUNT			Unrestricted	1,744,473.19				
1061-000-20 Water	F&M 08-032890-01 PAYROLL ACCOUNT			Unrestricted	142,804.43				
1071-000-20 Water	F&M 08-032920-01 DRAFTS ACCOUNT			Unrestricted	1,098,161.58				
				Subtotal	\$ 4,182,663.54				
INVESTMENTS									
1080-000-20 Water	Office of the Treasurer - Sacramento California	LAIF	Investment Pool	Unrestricted	\$ 508,443.11				
1081-000-20 Water	CALTrust Medium Term		Investment	Unrestricted	\$ 1,275,563.10				
1082-000-20 Water									
	<u>PURCHASE DATE</u>	<u>CUSIP</u>	<u>ISSUED BY</u>	<u>CALL DATE</u>	<u>MATURITY DATE</u>	<u>% of Portfolio</u>	<u>Current Yield</u>	<u>COST BASIS</u>	<u>MARKET VALUE</u>
	9/30/2016	N/A	Union Bank of California	N/A	N/A	1.26%	0.25%	\$ 124,820.97	\$ 124,820.97
	6/14/2016	3130A8AZ6	Federal Home Loan Bank (FHLB)	6/14/17 - one time	12/14/2018	6.270%	1.160%	\$ 500,745.00	\$ 497,340.00
	6/28/2016	3134G9VN4	Federal Home Loan Mortgage Corp. (FHLMC)	9/28/16 - qtrly	6/28/2019	12.560%	1.510%	\$ 1,000,000.00	\$ 995,200.00
	6/30/2016	3136G3SR7	Federal National Mortgage Association (FNMA)	12/30/16 - qtrly	12/30/2019	12.350%	1.400%	\$ 1,000,000.00	\$ 984,640.00
	9/30/2016	3136G4DB6	Federal National Mortgage Association (FNMA)	3/30/17 - qtrly	3/30/2020	12.330%	1.280%	\$ 1,000,000.00	\$ 978,990.00
	6/9/2016	3133EGCP8	Federal Farm Credit Banks (FFCB)	9/1/16 - cont.	12/1/2020	12.320%	1.660%	\$ 1,000,000.00	\$ 976,540.00
	6/16/2016	3136G3PY5	Federal National Mortgage Association (FNMA)	12/16/16 - qtrly	12/16/2020	12.280%	1.590%	\$ 1,000,000.00	\$ 976,520.00
	11/1/2017	3133EHM34	Federal Farm Credit Bank Bonds(FFCB)	11/01/22 - cont.	11/1/2022	12.28%	2.290%	\$ 1,000,000.00	\$ 973,470.00
	9/30/2016	3136G4CY7	Federal National Mortgage Association (FNMA)	3/30/17 - qtrly	9/30/2021	6.01%	1.570%	\$ 500,000.00	\$ 476,965.00
	11/2/2016	3130A9RZ6	Federal Home Loan Bank (FHLB)	4/28/17 - qtrly	10/28/2021	12.28%	1.020%	\$ 1,000,000.00	\$ 977,970.00
								\$ 8,125,565.97	\$ 7,962,455.97
							Total	\$ 13,929,425.72	
							Total Restricted	\$ -	
							Total Unrestricted	\$ 13,929,425.72	

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

Consultant Expenses
May 31, 2018

Fiscal Retainer Contracts

Consultant	Description	Current Month	Paid to date	Budget/Contract Amount	Percent of year (92%)
Meyers Nave Professional Law Corp	Task orders	\$ 8,469	\$ 197,248	\$ 205,000	96.22%
Solutions by BG, Inc.	Task orders	\$ 10,110	\$ 122,795	\$ 127,920	95.99%
Infinite IT Solutions Inc.	Task orders	\$ 6,160	\$ 32,675	\$ 250,000	13.07%

Major Contracts

Consultant	Description	Current Month	Paid to date	Budget/Contract Amount	Percent of Contract
Eaton Pumps Sales & Service	Well 1D Rehab	\$ -	\$ 87,718	\$ 86,968	100.86%
HDR Engineering, Inc.	Water Rate Study	\$ -	\$ 53,370	\$ 77,370	68.98%
Norwood Construction Services	Meeting & I.T. BLDG	\$ -	\$ 558,497	\$ 558,498	100.00%

**Elk Grove Water District
Major Capital Improvement Project
Budget vs Actuals
May 31, 2018**

Capital Project	Total Project Budget	Total Project Exp to Date	Percent Spent	Capitalized Labor	Fund Type	Project Type	2017-18 Budget	May Project Exp	Total YTD	YTD % Spent
Radio Antennas	\$ 80,000	\$ 5,934	7.42%	\$ -	CIP	Treatment	80,000	-	\$ 5,934	7.42%
Well 8 Pump Replacement	100,000	85,343	85.34%	-	CIP	Treatment	100,000	54,345	85,343	85.34%
RRWTF Modular Meeting Room/IT Center	591,568	645,395	109.10%	810	CIP	Building and Site	550,000	20,407	603,827	109.79%
Fiber Optic Cable	135,000	121,410	89.93%	645	CIP	Building and Site	-	-	2,766	#DIV/0! (2)
Service Line Replacements	500,000	407,210	81.44%	37,582	CIP	Supply/Distribution	250,000	6,297	47,546	19.02%
Well 1D Pump Replacement	64,000	38,280	59.81%	-	CIP	Supply/Distribution	-	-	3,248	#DIV/0! (2)
Truck Replacements	100,000	83,969	83.97%	-	CIP	Building and Site	100,000	61,322	83,969	83.97%
Backyard Water Mains/Service Replacement	138,000	-	0.00%	-	R&R	Supply/Distribution	138,000	-	-	0.00%
Well Rehabilitation (One Year)	93,000	97,914	105.28%	-	R&R	Supply/Distribution	93,000	-	97,914	105.28%
Kent Street Water Main	280,000	239,379	85.49%	87,032	R&R	Supply/Distribution	280,000	29,376	239,379	85.49%
Emerald Vista Water Main Relocations	-	28,271	#DIV/0!	15,720	R&R	Supply/Distribution	28,271	142	28,271	100.00% (3)
Camden Water Main Relocations	-	25,914	#DIV/0!	18,623	R&R	Supply/Distribution	25,914	13,505	25,914	100.00% (3)
Media Replacement Filter Vessels	100,000	122,031	122.03%	9,088	R&R	Supply/Distribution	50,000	-	66,887	133.77%
Well 9 Fence Replacement	15,000	4,814	32.09%	-	R&R	Treatment	15,000	-	4,814	32.09%
Unforeseen Capital Projects	100,000	-	0.00%	-	-	Building and Site	45,815	-	-	0.00% (3)
Sub-Total	\$ 2,296,568	\$ 1,905,864	82.99%	\$ 169,500			\$ 1,756,000	\$ 185,393	\$ 1,295,811	73.79%

- (1) Includes \$169,500 in capitalized labor through 5/31/18
- (2) Capital projects budgeted for in prior years, however, work carried over and completed in current year.
- (3) Unexpected project in current year. Will be offset against Unforeseen Capital Projects budget.

June 20, 2018

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

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors accept the minutes of the combined Community Advisory Committee and Finance Committee Meetings held on May 2, 2018 and May 23, 2018; and Special Finance Committee Meeting held on May 23, 2018.

SUMMARY

The Board has requested a monthly summary of committee meetings. There were three (3) committee meetings in the month of May. The Community Advisory Committee (CAC) and the Finance Committee (FC) held two (2) combined meetings on Wednesday, May 2, 2018 and May 23, 2018 to review the 2018-2022 Water Rate and Connection Fee Studies. On May 23, 2018, the FC met to review the Draft Fiscal Year 2018-2019 Elk Grove Water District Operating Budget.

DISCUSSION

Background

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

Present Situation

Three (3) committee meetings were held in the month of May. The CAC and the FC met on May 2, 2018 (Attachment 1) in a combined meeting to review and seek comments on the 2018-2022 Water Rate and Connection Fee Studies; and again on May 23, 2018 (Attachment 2) to finalize the studies before bringing it to the Board for the public hearing on June 20, 2018. The Board felt that two (2) reviews was sufficient.

COMMITTEE MEETINGS

Page 2

The FC met on Wednesday, May 23, 2018 (Attachment 3) to review and discuss the Draft Fiscal Year 2018-2019 Elk Grove Water District Operating Budget (Budget) for the second time. The first review of the budget was during the FRCD Regular Board meeting on May 16, 2018.

The CAC met a total of six (6) times and they met for a joint meeting two (2) times with the FC.

The CAC meeting attendees include Associate Board Member Ken Strom, Shawn Koorn, Water Rate Consultant, Water Rate Consultant, HDR, Robert Blank, Gary Crotwell, Mark Freathy, Inderjit Kallirai, Robert Stresak, and Dwight Weathers, along with several staff members.

The FC meeting attendees include the full FRCD Board of Directors, Ruthann Ziegler, General Counsel, Meyers Nave', Shawn K Koorn, Water Rate Consultant, HDR, and several staff members.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

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

FINANCIAL SUMMARY

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

Respectfully Submitted,



STEFANI PHILLIPS,
BOARD SECRETARY

Attachments

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

Wednesday, May 2, 2018

Attendance:

Directors Present: Lisa Medina, Sophia Scherman, Jeanne Sabin
Directors Absent: Bob Gray, Tom Nelson
Committee Members Present: Gary Crotwell, Kenneth Strom, Inderjit Kallirai, Mark Freathy
and Dwight Weathers
Staff Present: Mark J. Madison, General Manager; Patrick Lee, Finance
Manager; Stefani Phillips, Board Secretary; Bruce Kamilos,
Associate Civil Engineer; Donella Murillo, Finance
Supervisor; Sarah Jones, Program Manager; and Amber
Kavert, Administrative Assistant II (Confidential)
Consultants Present: Shawn Koorn, HDR Consulting, Inc.; Kevin Lorentzen, HDR
Consulting, Inc.
General Counsel Present: Ruthann Ziegler, Meyers Nave'

1. 2018-2022 Water Rate and Connection Fee Studies

Director Jeanne Sabin stood in as Acting Chairperson for Chairperson Tom Nelson in his absence.

General Manager, Mark Madison recommended that the Community Advisory Committee (CAC) introduce themselves to the Florin Resource Conservation District (FRCD) Board of Directors (Board). Introductions were made.

Shawn Koorn, HDR Consulting Inc. began his presentation by providing the agenda for the night's meeting.

Connection Fee Study

Mr. Koorn mentioned that a connection fee is one of the fee's the District charges that should be looked at every couple of years. He went on to say, the District wants a cost-based connection fee consistent with the Board's philosophy that "growth should pay for growth", meaning rates should not be paying for growth on the system, the customers that cause the growth should be paying their fair share of those costs.

Mr. Koorn mentioned, when coming up with the connection fee, the goal is to provide a value of the capacity in the existing system that is available for new customers to use, as well as what facilities are necessary to meet new customer growth. He reiterated the definition of what a connection fee is, which is a one-time charge based on the value of the District's capacity and the amount of capacity needed by the new customer. He commented that current customers have been paying into the system for years, and for new customers to be on equal footing with them, they need to buy into the system.

Mr. Koorn discussed the difference between rates and connection fees. He mentioned that rates are collected every year and are normally around the same amount, while connection fees will vary and are not counted on. He stated the two (2) purposes the connection fee can be used for are: 1) to pay for growth related infrastructure, and 2) to pay for growth related debt services.

He mentioned that when building into the rate study, connection fees are an unstable revenue source driven by the market. Within the last 5-10 years, bond rating agencies have no longer allowed connection fees to be included in the debt service coverage ratio.

Mr. Koorn explained there are three (3) methods to determine a connection fee.

1. Buy-in Methodology
 - Assumes the District has sufficient supply to meet future growth needs.
 - Divide by cost per unit serving today.
2. Incremental Methodology
 - Assumes the District has enough supply for existing needs, but to supply more customers there needs to be another infrastructure built.
 - Look at Capital Improvement plan and see what portion is related to growth. 3.2% of pipeline to “future customers”.
3. Combined Methodology
 - Assumes the District has some available capacity, but there are also some projects that need to be oversized to meet future needs.
 - Mixture of both the Buy-in Method and the Incremental Method.

Mr. Koorn stated that most companies, including the District, fall within combined methodology. He goes on to say, the next step is to determine how to develop the connection fee and what requirements there are. There are state laws and regulations and a Rational Nexus, which is the relationship between the price and the cost incurred; the Rational Nexus is key because it is what the consultants need to prove as part of the connection fee study.

Mr. Koorn informed the CAC and FC, under the combined methodology approach, the consultants look at the existing assets, find the value for each one, take that and figure out how much it would cost to build the asset today, and then back out depreciation to demonstrate it in today's dollars.

CAC member, Gary Crotwell asked how the depreciation is calculated. Mr. Koorn responded that the consultants take useful life of the infrastructure and straight line it.

Associate Board Member, Kenneth Strom asked where the consultants put down future costs, wondering if it is in the connection fee. Mr. Koorn responded no, not the connection fee. He mentioned that one of the key things the consultants need to look at is what infrastructures can be included in the connection fee. The consultants cannot include anything that has been contributed, only District paid infrastructures. He commented that is why the consultants go line by line through the asset listings and see what should be included and what should not; he mentioned that sometimes an infrastructure can be partially included.

Mr. Strom asked what the error potential is in the connection fee study process. Mr. Koorn responded the most challenging part is tracking the contribution component because historically the contribution components are not always captured.

In relation to the connection fee, Mr. Koorn mentioned that some key study assumptions to consider are: 1) the connection fee developed only applies to Service Area 1, and 2) current debt is funded through rates, so when calculating the connection fee, the assets the debt paid for are being calculated so the District can back out the debt from the assets as to not count them twice.

Mr. Koorn showed the connection fee calculation for the District and then the proposed connection fees to the CAC and FC. The Districts proposed connection fee for a 1” meter is \$5,170; he mentioned that this is the legal maximum connection fee that the District can charge based on the analysis. He also showed the CAC and FC the connection charge comparison of the District

versus other districts. From his graph, the District is on the low side in comparison to other agencies in the region.

Ms. Sabin asked how the District can legally decrease the connection fee. Mr. Koorn responded that there is no requirement to have a connection fee and the Board can technically charge anything below that, but to be financially prudent they would want to be closer to the maximum.

CAC member, Dwight Weathers asked who pays the connection fee. Mr. Koorn responded, it depends on who is building the home, it can be a home owner or developer.

CAC member, Mark Freathy asked if a business upgrades to a larger line, how they would pay for it. Mr. Koorn responded the business would pay the incremental difference in cost between the lines.

Mr. Madison informed the CAC and FC, the connection fee report will not be presented at the next board meeting on May 16, 2018. He mentioned the District will have a discussion with the Building Industry Association (BIA) so they are aware of what is going on. If it goes through, it will be adopted by the Board in July and go into effect on October 1, 2018.

Ms. Sabin asked the CAC about their feelings on the Connection Fee.

Mr. Weathers commented he feels it is fair to pass on the connection fee to developers rather than ratepayers because it eventually gets buried into the price of the house anyways; he believes the consultants have done a great job explaining the connection fee.

Mr. Strom commented that assuming the connection fee is low cost, they seem fair; he further stated the person who caused the cost should have to pay.

Director Sophia Scherman mentioned she is okay with moving forward, but warned, this is a hefty raise and the District might need a larger room for public hearings because she doesn't know how the developers will feel about this increase.

Mr. Madison replied to Mrs. Scherman that although he has not yet engaged with the BIA and does not know how they will feel about it, the connection fee is not monetarily huge and the big thing the District has to offer is capacity for growth. With the ability to provide the developers room to grow, he is optimistic about how they will react. He mentioned the District is willing to have focus groups on the subject if need be.

Director Lisa Medina stated she is okay with moving forward as well.

Ms. Sabin thanked staff for providing the necessary data needed to conduct the study.

Mr. Madison gave thanks to Mr. Kamilos and Travis Franklin, GS Technician I, mentioning the data stems from the asset management program, which looks out a hundred years. He stated the assets are very well defined, and Mr. Kamilos and Mr. Franklin did a marvelous job at setting the table to have defensible data.

Rate Study

Mr. Koorn mentioned to the CAC and FC that since the last meeting, the consultants have made some adjustments to the Rate Study report. He stated the projections did not change from the rate adjustment, but staff noticed there was a glitch in the irrigation customer class. He mentioned

there were no changes in the summary of the revenue requirements, as well as the projected ending fund balances.

Mr. Koorn stated the Rate Study changed under the Cost of Service results after the consultants uploaded new data provided by staff; the irrigation customers decreased from an 18.4% adjustment down to an 8.2% adjustment. The change also decreased the non-residential customers and slightly increased the residential customers.

Mr. Koorn mentioned that the changes in the Cost of Services results created a slight difference in the proposed rates, specifically the monthly charge. The monthly charge went up a bit from the last proposed rate graph, but the District was still able to maintain the tiered rate structure at 30 Centum Cubic Feet (CCF).

Mr. Koorn commented on the water tank outside, in front of the EGWD administration building that is being used as a visual to show the cost of water. Finance Supervisor, Donella Murillo mentioned that a message will be put on the website indicating the cost relationship between a bottle of water and the water tank.

Mr. Madison mentioned that the District met with the Consumnes Service District (CSD) and they are good with the changes. Ms. Medina asked if the District is going to meet with the Elk Grove Unified School District (EGUSD). Mr. Madison responded, yes.

Ms. Sabin asked what customer class was moved from non-residential to irrigation during the Cost of Service phase of the study, after the new data was reviewed. Mr. Koorn responded the consultants initially read the data wrong and the irrigation class is only separate irrigation meters for outdoor use.

Ms. Sabin asked if the District should allow customers to have a separate irrigation line. Mr. Madison responded that during the last discussion on the topic it came down to strict economics that it is just not cost effective for ratepayers to have a separate irrigation service. He mentioned the District can look into it, but suggested that the Board does not let the issue drag down the Connection Fee Study.

Mr. Koorn reviewed the drought scenario the consultants ran. He mentioned at the last meeting, the question was asked if the purchased water component was calculated into the scenario, to which it was not. He went on to show that the consultants added the purchased water component and the loss decreased from \$5 million down to \$2.3 million. Mr. Madison stated that the District's higher fixed fee percentage is what really yields the state of financial stability for the District in a drought.

A discussion on conservation efforts pursued.

Next Steps

Mr. Madison mentioned the game plan is to present the Rate Study to the Board on May 16, 2018. On that day there will be two (2) items for the Board to do: 1) consider and possibly give tentative approval on the Rate Study, subject to following the Proposition 218 process regarding issuance of protest notices, and 2) direct the District to pursue with the Proposition 218 process.

Mr. Madison went over the proposed schedule of the Proposition 218 process:

- Owner and tenant get protest notices on Thursday, May 17, 2018. They will have 45 days to protest.
- The deadline for ratepayers to protest is July 2, 2018.

- At the July Board Meeting, there will be a Public Hearing and possible approval of the Rate Study.

Ruthann Ziegler, General Counsel mentioned there is a specific protocol for the written protests. A small discussion occurred on the subject.

Director Sophia Scherman commented to the CAC, she has been involved in many committees over the years and the CAC's recommendations have been outstanding and have helped tremendously. She mentioned that all the CAC members are level-headed and care about the rates and studies being performed.

Mr. Freathy mentioned the process has been interesting to him. He also mentioned the organization has been outstanding and has helped someone like him, who does not know water, be able to understand.

Mr. Weathers seconded what Mr. Freathy said, adding that all the staff have been very helpful and cordial, leading to a good experience for him.

Ms. Sabin agreed with everything that has been said.

Ms. Sabin asked the CAC if the Board can progress to tentatively approve the Rate Study at the next Board meeting. Mr. Weathers commented that he supports the Board moving forward and that the 30 CCF is good. Mr. Freathy commented yes, he believes the Rate Study is fiscally responsible and it also takes the customers into consideration.

Mr. Strom commented he is happy about the group of members that were formed to create the CAC. Mr. Madison mentioned that CAC member Robert Blank unfortunately could not be at the meeting, but has been a great help and has made good comments.

There was a general consensus by the CAC and FC to approve the Rate Study and move it forward to the regular Board meeting on Wednesday, May 16, 2018.

Mr. Madison mentioned the Connection Fee Study will be talked about at the next meeting on May 23, 2018.

Ms. Medina commented on the Elk Grove Citizen article regarding the last Board meeting. Mr. Madison mentioned the headline was misleading, but he is preparing clarification in the Districts newsletter, the Waterdrop, and that will be going out in two (2) weeks.

Ms. Sabin invited the CAC to attend the May 16, 2018 Board Meeting.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary
AK/SP

Adjourn to next Finance Committee Meeting and Community Advisory Committee Meeting:
Wednesday, May 23, 2018.

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

Wednesday, May 23, 2018

Attendance:

Directors Present: Bob Gray, Tom Nelson, Sophia Scherman, Jeanne Sabin
Directors Absent: Lisa Medina
Committee Members Present: Gary Crotwell, Kenneth Strom, Inderjit Kallirai, Mark Freathy
and Dwight Weathers
Staff Present: Mark J. Madison, General Manager; Patrick Lee, Finance
Manager; Stefani Phillips, Board Secretary; Bruce Kamilos,
Associate Civil Engineer; Donella Murillo, Finance
Supervisor; Sarah Jones, Program Manager; and Amber
Kavert, Administrative Assistant II (Confidential)
Consultants Present: Shawn Koorn, HDR Consulting, Inc.
General Counsel Present: Ruthann Ziegler, Meyers Nave'

1. 2018-2022 Connection Fee Study

Chairperson, Tom Nelson started the meeting with the Pledge of Allegiance and complimented the Community Advisory Committee (CAC) for working so well together using quotes about teamwork.

General Manager, Mark Madison kicked off the discussion by introducing Shawn Koorn, HDR Consulting, Inc. to speak about the Connection Fee Study.

Mr. Koorn presented the slides for the Connection Fee Study. He mentioned the purpose of the study is to review and update the Elk Grove Water District's (EGWD) Connection Fee to reflect existing conditions and values of assets in place, as well as capacity available in Service Area 1.

Mr. Koorn reiterated the definition of what a connection fee is, which is a one-time charge based on the value of the District's capacity and the amount of capacity needed by the new customer or a customer who wants to increase their water capacity. He mentioned that the purpose is to have equity between existing and new connections to be consistent with the Board's philosophy that "growth should pay for growth", as to not burden the current ratepayers for growth on the system.

Mr. Koorn discussed the difference between rates and connection fees. He mentioned that rates are looking at one (1) year to see how much revenue is needed to pay the District's bills, while connection fees are additional revenue sources to help minimize rates.

Mr. Nelson asked if the District has a separate account for the revenue from the connection fee or if there is just one general account. Mr. Lee responded there is a separate general ledger (GL) account that it goes in to, but that account has other sources of revenue going into it as well. In summary, the District tracks what revenue sources go into the GL account, but they do not track what revenue sources pay for which services.

Director Sophia Scherman asked if it was a good business practice to not know which revenue sources paid for what services or if the District is looking at changing that. Mr. Lee responded the District is possibly looking into changing it by setting up a separate distinct revenue GL account. He mentioned from an expenditure standpoint, the District would have to look further into how to track what types of revenue will be used to pay for what types of expenses.

A quorum was announced for the Finance Committee Meeting at 6:12pm.

Mr. Koorn stated the consultants use a combined methodology approach for the District's Connection Fee Study, meaning the District has some existing assets, but also some projects that need to be oversized to meet future needs. He mentioned that the District did really good at retrieving data to accurately enter into the equation.

Mr. Koorn informed the CAC and FC, when developing the connection fee, the consultants look at how much it would take to build the system today, then back out depreciation to determine today's dollars, this is called the replacement cost less depreciation; that number is then divided by the number of equivalent units on a system for Service Area 1. He then showed the connection fee calculation with the District's numbers and the proposed connection fees, which although are higher than the current rates, they are still low in comparison to the other District's around the area.

Mr. Koorn stated the consultants take a look at Service Area 1's Plant assets, which are treatment, transmission, and distribution. They also provide a credit for debt service. He explained that the District issues debt to buy the system and customers are paying for that through rates, which means the debt should not be included in the connection fee so customers aren't paying twice.

Associate Board Member, Kenneth Strom asked how the connection fee relates to the debt. Mr. Koorn responded the debt is backed out so that customers do not pay for it once in the rates and once in the connection fee. Mr. Madison mentioned new customers need to pay their fair share of what the current customers have already paid.

Mrs. Scherman asked how the District measures for multi-use units, such as a unit with a business on bottom, apartments on top. Mr. Koorn responded that since it is determined by meter size, the multi-use unit would need a bigger meter to serve the non-residential and residential units, as well as the unit would need individual meters for the apartments on top.

Mr. Koorn reminded the CAC and FC, the connection fee is not determining what the customer will always use, but the potential of what they could use.

Vice-chairperson Bob Gray commented that a six (6) inch meter is what you put in if you are adding two (2) extra hydrants. Mr. Madison responded that the connection fee is only for domestic service and not for a fire-line.

CAC member, Robert Blank asked about determining the replacement cost, stating it sounds like its apples to oranges because the consultants are using replacement costs less depreciation, which is determined when it was built. Mr. Koorn responded for the calculation and depreciation, the consultants took useful life and the replacement cost to the asset and did a straight line depreciation. He mentioned they did not use original depreciation, but instead used replacement cost depreciation value.

Mr. Blank mentioned the connection fees are only reviewed at every five (5) years, which leads to high increases; he asked if there were companies that phase in the increases over the five (5)

year period instead of a huge increase at one time. Mr. Koorn responded yes, some have done that.

There was a discussion on multi-unit meter requirements.

Mr. Madison mentioned he will reach out to the Building Industry Association (BIA) again regarding the connection fee. He does not think that the BIA will have an issue with the increase, but wants to speak with them so the changes will not be a surprise to them.

Mr. Madison commented the Public Hearing will be on July 1, 2018 and there will be a 60 day process for the fees going into effect, which include both the new rate fee and connection fee; with the public hearing and process, the new connection fee will go into effect October 1, 2018.

Mr. Madison clarified the connection fee by explaining the Connection Fee Study is regarding capacity, but there is a second connection fee, which is a meter charge. The District charges time and material on the costs incurred to install a meter.

Mr. Nelson asked if a customer wants a separate irrigation connection, would they pay a connection fee or a meter fee. Mr. Madison responded the customer would be paying both. Mr. Koorn explained that it goes back to capacity and demand on the system.

Mr. Gray commented that it might pencil out for the customer who wants two separate meters, depending on their consumption.

Mr. Madison clarified that the meters that are being installed are the District's meters, not the customers. He explained that if a meter breaks, the District fixes it at its own expense, not the customer's expense.

CAC member, Dwight Weathers asked when switching from the flat rate to the meters did each customer get charged for transferring the meters. Mr. Madison responded no, the existing customers did not pay, the District was able to get a sizeable grant that helped temper the cost.

Mr. Madison stated the District will put a separate page in the study on meter charges.

Mr. Nelson thanked the CAC committee.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary
AK/SP

Adjourn to next Finance Committee Meeting and Community Advisory Committee Meeting:
Wednesday, May 23, 2018.

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

Wednesday, May 23, 2018

Attendance:

Directors Present: Lisa Medina, Sophia Scherman, Jeanne Sabin, Bob Gray, Tom Nelson
Directors Absent: None
Staff Present: Mark J. Madison, General Manager; Patrick Lee, Finance Manager; Stefani Phillips, Board Secretary; Bruce Kamilos, Associate Civil Engineer; Donella Murillo, Finance Supervisor; Sarah Jones, Program Manager
Consultants Present: None
General Counsel Present: Ruthann Ziegler, Meyers Nave'

1. Draft Fiscal Year 2018-19 Elk Grove Water District Operating Budget

Chairperson, Tom Nelson started the meeting.

Patrick Lee, Finance Manager presented the Budget document and schedule.

Mr. Lee reviewed the changes made from the May 16, 2018 meeting, which were:

1. Revenues: Decreased by \$30,819
 - o Revenue projections were updated with the rates from the 2018 Water Rate Study, approved by the Board on May 16th, 2018, subject to the receipt and consideration of protests and comments before and during a public hearing to be conducted on July 18th, 2018.
2. Salaries & Benefits: Increased by \$1,919
 - o FY 2018-19 COLA is 2.77%. Estimated COLA of 2.73% was used in prior budget draft.
3. Office & Operational: Increased \$9,457
 - o Association Dues – SCGA dues were increased from \$36,000 to \$45,457 based on discussions with the Board.
4. Operations Department Goals, Objectives, and Accomplishments
 - o Slight modifications have been made to the FY 2018-19 Goals and Objectives for the three divisions in Operations
 - o The FY 2017-18 accomplishments for the Distribution and Utility Divisions has been added.

General Manager, Mark Madison discussed the Sacramento County Groundwater Authority (SCGA) dues and the place holder in the budget of \$45, 457. He mentioned, although with the current findings it looks as if the District is only going to pay \$8,500, the dispute is not yet resolved and he does not want to decrease the place holder for that reason.

Mr. Madison discussed Mr. Nelson's comment from the meeting held on May 16, 2018 about diluting or dropping the policy manual update in the Fiscal Year (FY) 2018-19 objectives. He mentioned that Stefani Phillips, Human Resources Administrator/Board Secretary and himself do not recommend doing so and feel the policy manual needs to be updated. He stated they were seeking the Boards acknowledgement to have this as an objective for next year. A discussion ensued.

Mr. Nelson asked if the budget accounts for the increase in legal services for reviewing the updated policy manual. Mr. Madison responded that he curtailed the legal budget, but he feels comfortable with it. Further discussion resulted.

Vice-chairperson, Bob Gray commented, the District consistently comes in under budget in expenses and has not had to dip into reserves.

Mr. Madison stated the District is coming in around \$400,000 under budget in FY 2017-18. He mentioned the budget being brought to the Board this FY is balanced, in the black, and is sufficient to meet the needs of the District.

Director Lisa Medina commented on how huge the purchased water percentage was on the pie graph under expenditures in the budget. Mr. Lee responded, purchased water is supposed to go up 3% in the upcoming year and so the budget reflects that along with estimated consumption average of the past 12 month period.

Ms. Medina also commented on the goals and objectives listed under the department summaries, stating that she was really impressed and feels that the staff deserve what they make monetarily.

Mr. Lee informed Ms. Medina and the Board that the District is trying to submit the budget for a distinction award.

Director Jeanne Sabin asked the \$800,000 difference in revenue between what the District projected and what was budgeted. Mr. Lee informed her that is most likely due to coming out of the drought and customer's consumption going up.

Ms. Medina asked if the District predicts an additional increase in water. Mr. Lee responded yes and no, he took a conservative approach when creating the budget revenues for next year and decreased water consumption by 5% to not overestimate the amount.

A discussion on the budget occurred.

Mr. Gray commented that irrigation is a separate customer class and the District should have a separate break out percentage under the Revenues Category of the budget. Mr. Lee responded, the current system the District uses does not allow for irrigation customers to have a separate break out. There was a discussion on the current system itself, as well as the potential large expense to update it. Mr. Madison clarified that the District will be looking into a new billing system.

Ms. Medina commented regarding the salary schedule having no titles associated with the pay grades located at the end of the budget. Ms. Phillips mentioned a generic version was put in the budget, but if desired, it can be changed to show the titles associated with the assigned pay grade. Mr. Madison commented, it may be better not to associate titles with the pay grades contained in the salary schedule, because sometimes the District needs to reclassify a position to a different pay grade and that would cause the board to make modifications to the budget at a later date.

Ms. Sabin commented that there was an allocation in FY 2017-18 for an intern that was never used. A discussion pursued, including the topics of time, safety, and liability associated with having an intern.

Ms. Sabin provided background on her internship.

The District will talk to the Joint Powers Insurance Authority (JPIA) about liability insurance on interns.

Mr. Madison suggested that the District take \$15,000 from Purchased Water component and put it as a placeholder towards an Internship. The Board agreed on the change.

Mr. Lee commented that the resolution adopted allows the General Manager to move items within the budget. Mr. Madison commented to the Board that the District tries not to move monies between big line items, but only within categories as to keep the amounts the same for each item.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary
AK/SP

Adjourn to next Finance Committee Meeting and Community Advisory Committee Meeting:
Wednesday, May 23, 2018.

June 20, 2018

TO: Chairperson and Directors of the Florin Resource Conservation District

FROM: Mark J. Madison, General Manager

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

RECOMMENDATION

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

DISCUSSION

Background

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

Present Situation

The EGWD May 2018 Operations Report highlights are as follows:

- **Operations Activities Summary** – Notable items in the activities summary are that the District hung 468 door hangers for past due balances which resulted in 67 shutoffs. There were 3 water pressure complaints and 5 water quality complaints. The source of the water quality complaints was identified and corrected. Upon inspection, none of the water pressure complaints were validated
- **Production** – The Combined Total Service Area 1 production graph on page 13 shows that production during the month of May decreased 8.65 percent compared to May 2017, and is 27.18 percent less than what was produced in 2013. The Total

ELK GROVE WATER DISTRICT OPERATIONS REPORT – MAY 2018

Page 2

Demand/Production for both service areas on page 14 shows that customer use during the month of May, compared to May 2013, was down by 31.41 percent.

- **Static and Pumping Level Graphs** – The second quarter soundings are shown and indicate that all of the static water levels in deeper zones have increased as compared to 2016. The shallow zones have also shown improvement.
- **Treatment (Compliance Reporting)** – All samples taken during the month are in compliance with all regulatory permit requirements. No exceedances of any maximum contaminant levels were found and all water supplied to the District's customers met or exceeded safe drinking water standards.
- **Preventative Maintenance Program** – The tables included in this section of the report also include certain activities completed to date. Below is a list of out-of-ordinary maintenance work completed in May:
 - Staff repaired miscellaneous leaks at HWWTP and RRWTP.
 - Staff replaced a malfunctioning electric actuator on one of the filter vessels at RRWTP.
 - Staff facilitated the PLC/SCADA programming needed to complete the remodel of Well #8 Williamson.
- **Backflow Prevention Program 2018** – There were 60 notices issued for the month. From the initial testing notices 31 devices passed. There were 29 secondary notices issued, of which we have received 14 passing tests. There is a total of 13 outstanding devices as of this month, which will require further investigation.
- **Safety Meetings/Training** – There were 3 safety training sessions conducted for the month. Only 2 safety sessions are required by OSHA standards.
- **Service Line Replacement Map** – The District replaced 21 residential service line in the month of May.
- **Service and Main Leaks Map** – There was 4 service line leaks and no main leaks reported for the month.

ELK GROVE WATER DISTRICT OPERATIONS REPORT – MAY 2018

Page 3

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

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

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully Submitted,



MARK J. MADISON
GENERAL MANAGER

MJM/ah

EGWD

OPERATIONS REPORT

May 2018



Elk
Grove
Water
District



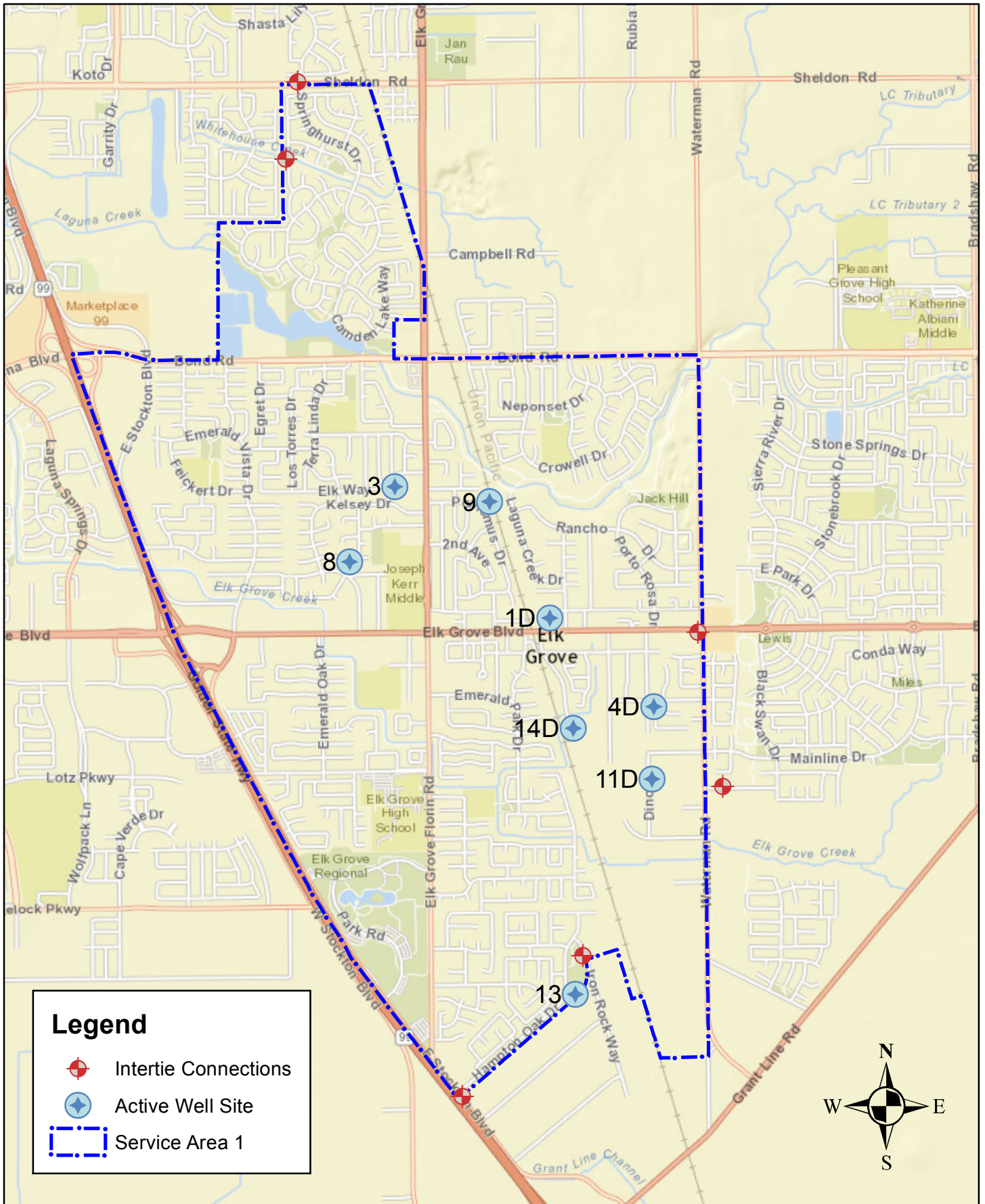
Elk Grove Water District
Operations Report
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Operations Activities Summary

<u>Service Requests:</u>	May-18		YTD (Since Jan. 1, 2018)	
<u>Department</u>	<u>Service Request</u>	<u>Hours</u>	<u>Service Request</u>	<u>Hours</u>
Distribution				
Door Hangers	468	22	2,531	130.25
Shut offs	67	18.75	310	94.75
Turn ons	73	16.25	351	79
Investigations	38	39.25	151	151.60
USA Locates	231	57.75	908	227
Customer Complaints				
-Pressure	3	1	7	3
-Water Quality	5	6.25	7	8.75
-Other	0	0	0	0

<u>Work Orders:</u>	May-18		YTD (Since Jan. 1, 2018)	
<u>Department</u>	<u>Work Orders</u>	<u>Hours</u>	<u>Work Orders</u>	<u>Hours</u>
Treatment:				
Preventative Maint.	19	39	105	219
Corrective Maint.	8	46	61	227
Water Samples	14	43	89	265
Distribution:				
Meters Installed	1	0.75	1	0.75
Meter Change Out	42	29.75	93	80.25
Preventative Maint.				
-Hydrant Maintenance (135)	150	45	814	272
-Valve Exercising (120)	159	24	767	181
-Other	0	0	0	0
Corrective Maint.				
-Leaks	4	81.50	14	320.25
-Other	6	13	67	274.50
Valve Locates	0	0	0	0
Utility:				
Service Line Replacement	21	358	51	716.60
Corrective Maint.	0	0	0	0

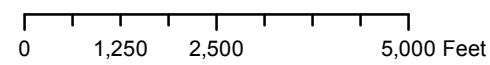


Legend

-  Intertie Connections
-  Active Well Site
-  Service Area 1



Active Well Sites & Intertie Connections



Elk Grove Water District



Elk Grove Water District

Monthly Production

Well 1D School -- May 2018

Selected Month Production
325,825 Gallons

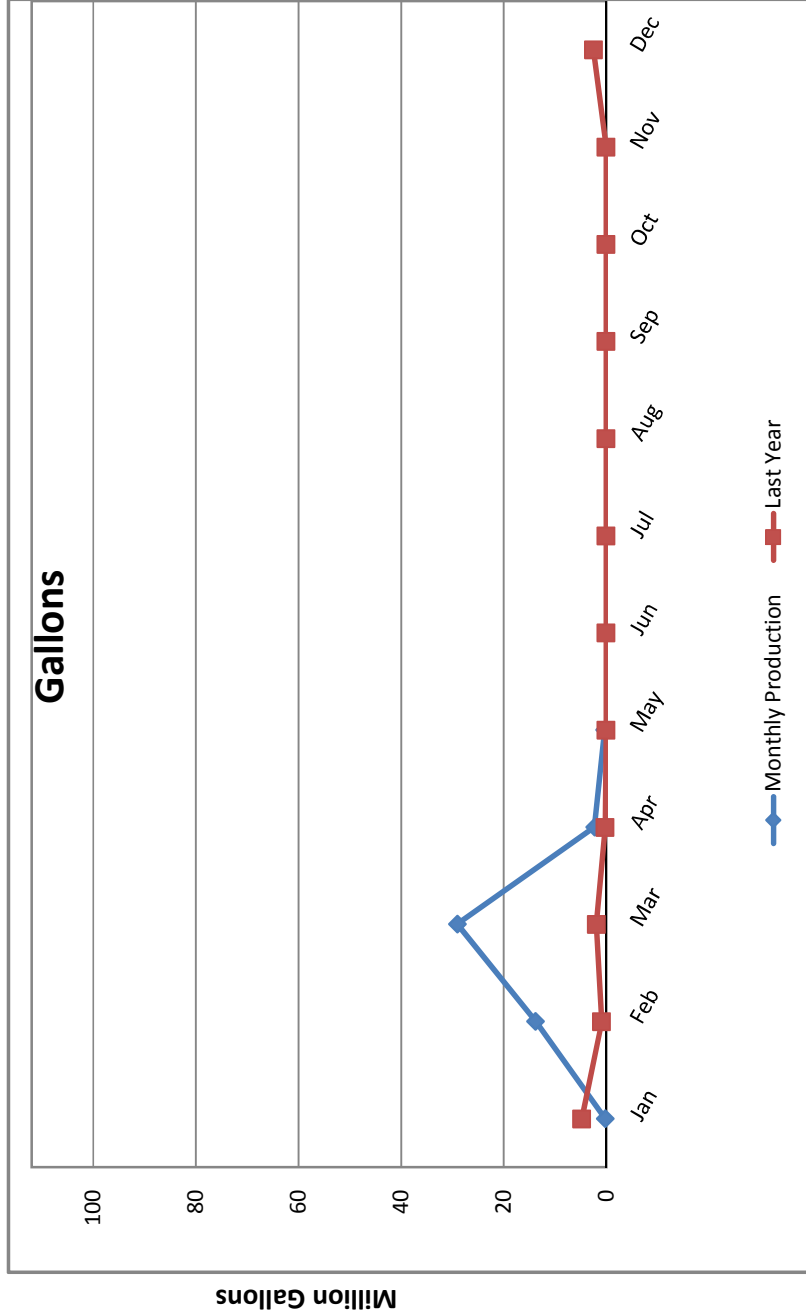
Average GPM:
1,751

Motor:
Volts: 468
Volts (Rated): 460
RPM: 1788
RPM (Rated): 2115
Amps A: 179
Amps A (Rated): 222
Amps B: 179
Amps B (Rated): 222
Amps C: 174
Amps C (Rated): 222

Motor Temp: 114.8 F
Hour Meter: 3.10
KW Hour Total: 1,040.00

Chlorine:
Dosing: 1.7 mg/L
Demand: 0.75 mg/L
Residual: 0.95 mg/L

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





Elk Grove Water District

Monthly Production

Well 4D Webb -- May 2018

Selected Month Production
2,164,488 Gallons

Average GPM:
1,701

Motor:

Volts: 473
Volts (Rated): 460
RPM: 1616
RPM (Rated): 1775
Amps A: 189
Amps A (Rated): 225
Amps B: 188
Amps B (Rated): 225
Amps C: 188
Amps C (Rated): 225

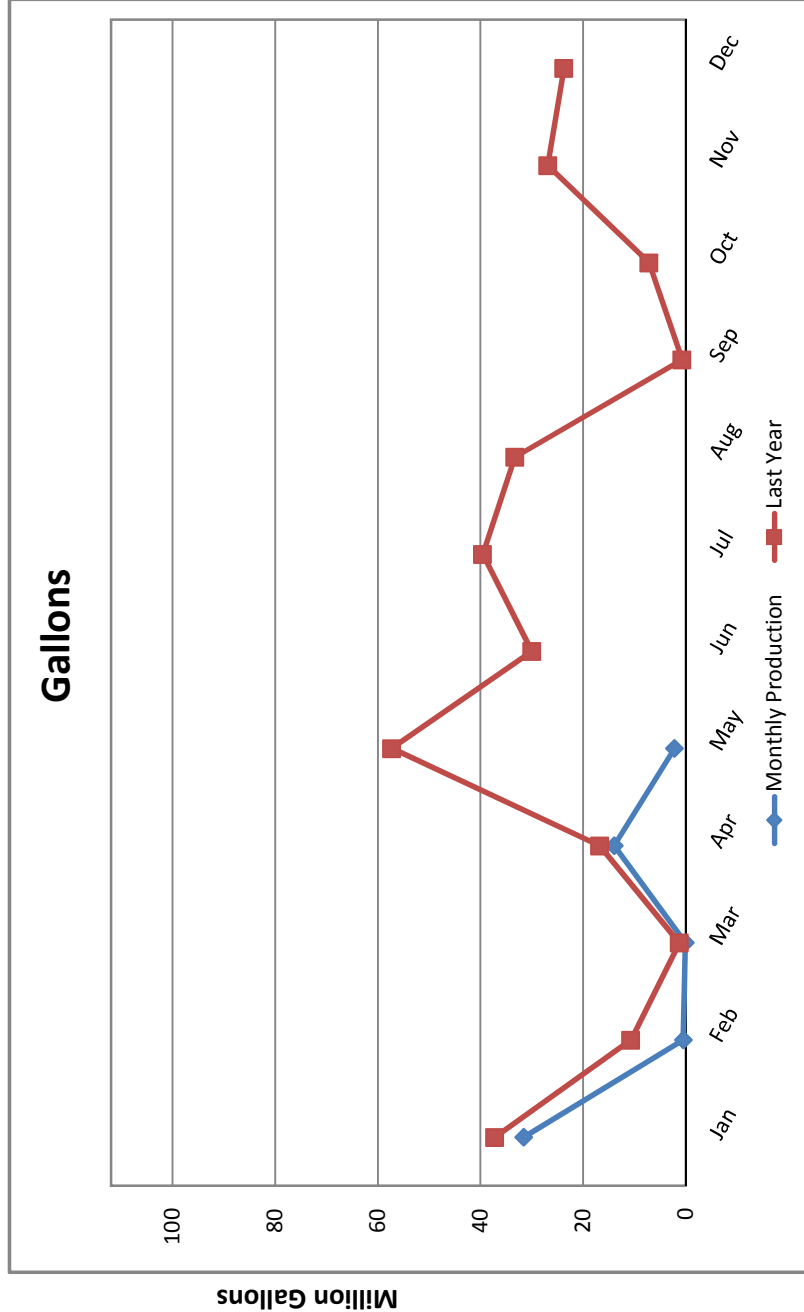
Motor Temp: 136.3 F
Hour Meter: 21.20
KW Hour Total: 5,460.00

Chlorine:

Dosing: 1.77 mg/L
Demand: 0.84 mg/L
Residual: 0.93 mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 11D Dino -- May 2018

Selected Month Production
21,450,805 Gallons

Average GPM:
1,701

Motor:

Volts: 477
 Volts (Rated): 460
 RPM: 1582
 RPM (Rated): 1775
 Amps A: 172
 Amps A (Rated): 225
 Amps B: 173
 Amps B (Rated): 225
 Amps C: 174
 Amps C (Rated): 225

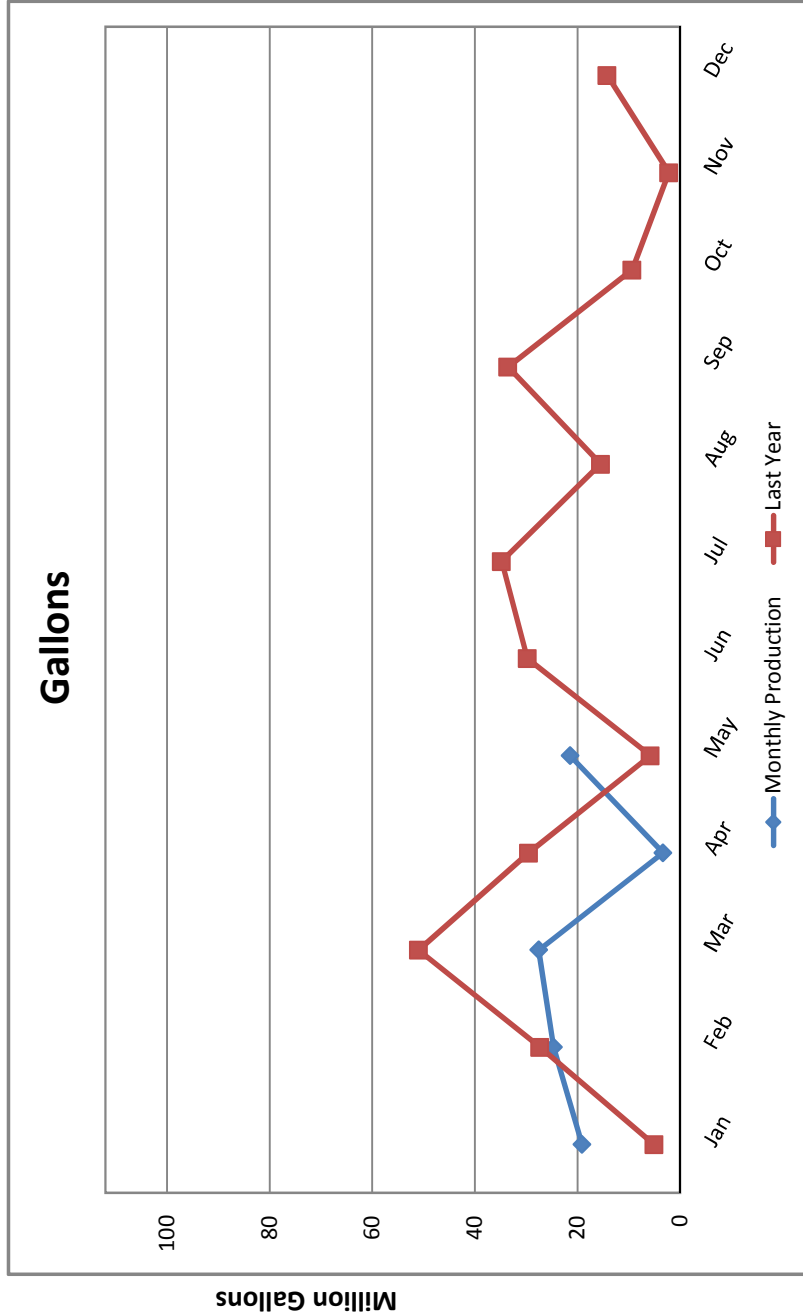
Motor Temp: 120.2 F
 Hour Meter: 210.10
 KW Hour Total: 28,080.00

Chlorine:

Dosing: 1.75 mg/L
 Demand: 0.79 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 14D Railroad -- May 2018

Selected Month Production
24,627,641 Gallons

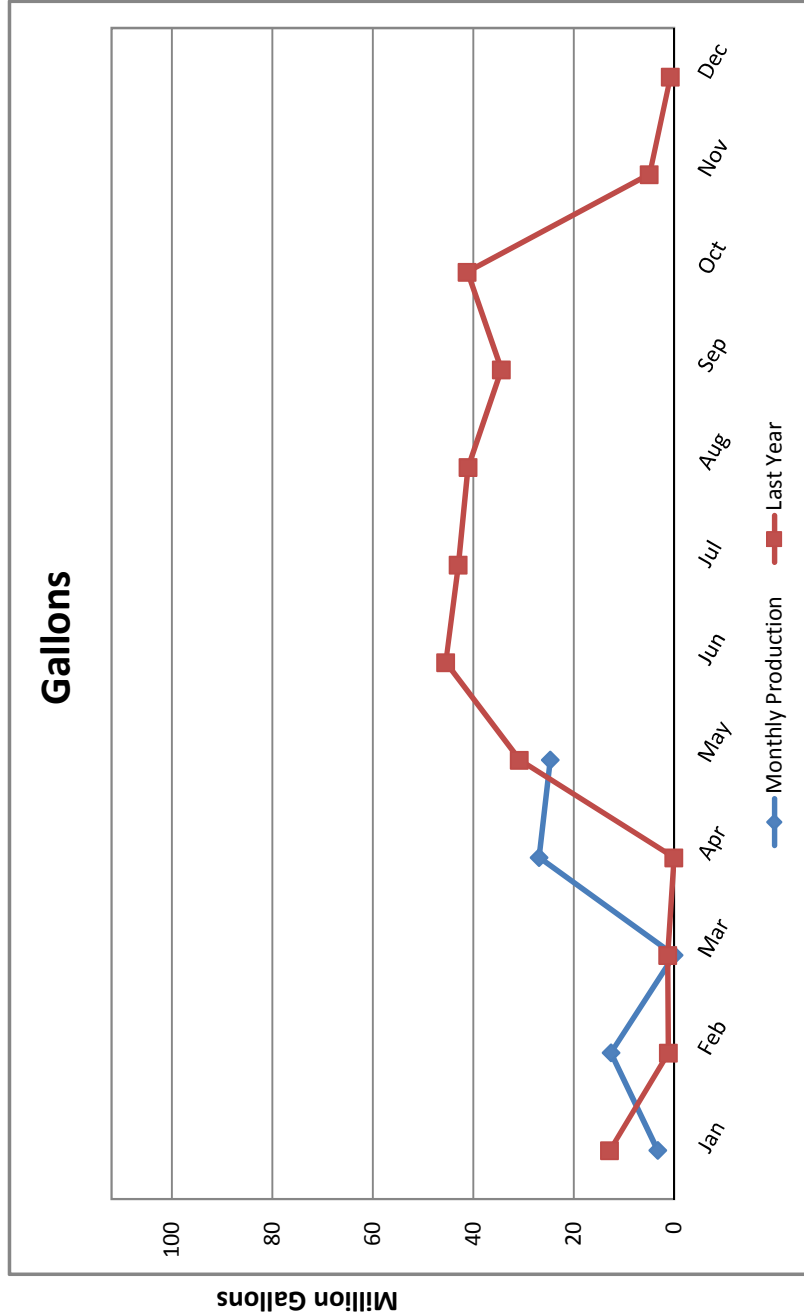
Average GPM:
1,683

Motor:
Volts: 475
Volts (Rated): 460
RPM: 1785
RPM (Rated): 1785
Amps A: 161
Amps A (Rated): 171
Amps B: 162
Amps B (Rated): 171
Amps C: 157
Amps C (Rated): 171

Motor Temp.: 129.2 F
Hour Meter: 243.80
KW Hour Total: 71,840.00
(KWH total is for the entire facility)

Chlorine:
Dosing: 1.78 mg/L
Demand: 1.06 mg/L
Residual: 0.72 mg/L

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





Elk Grove Water District

Monthly Production

Well 3 Mar-Val -- May 2018

Selected Month Production
22,320,000 Gallons

Average GPM: 839

Motor:

- Volts: 476
- Volts (Rated): 460
- RPM: 1772
- RPM (Rated): 1983
- Amps A: 89
- Amps A (Rated): 88
- Amps B: 87
- Amps B (Rated): 88
- Amps C: 89
- Amps C (Rated): 88

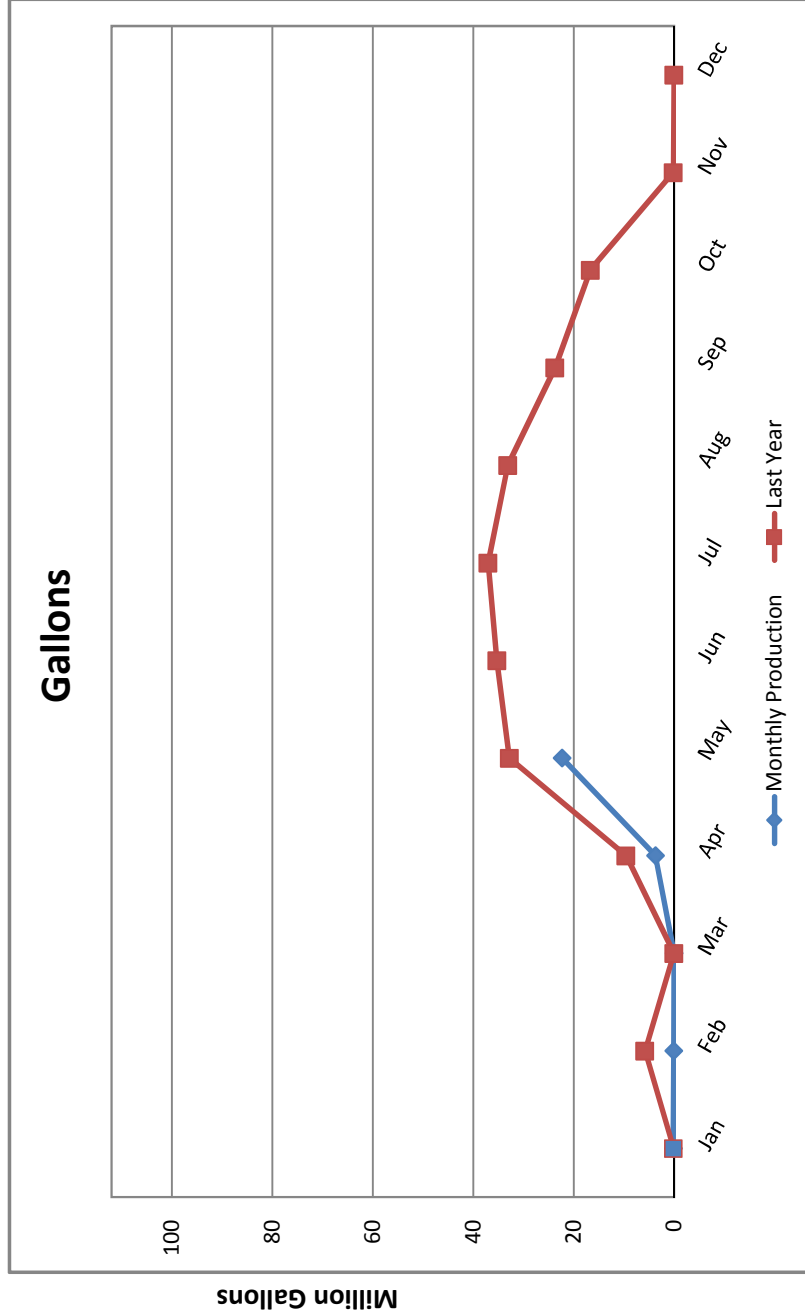
- Motor Temp.: 204.8 F
- Hour Meter: 443.20
- KW Hour Total: 26,935.00

Chlorine:

- Dosing: 1.23 mg/L
- Demand: 0.26 mg/L
- Residual: 0.97 mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 8 Williamson -- May 2018
(Submersible)

Selected Month Production
48,148 Gallons

Average GPM: 236

Motor:

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

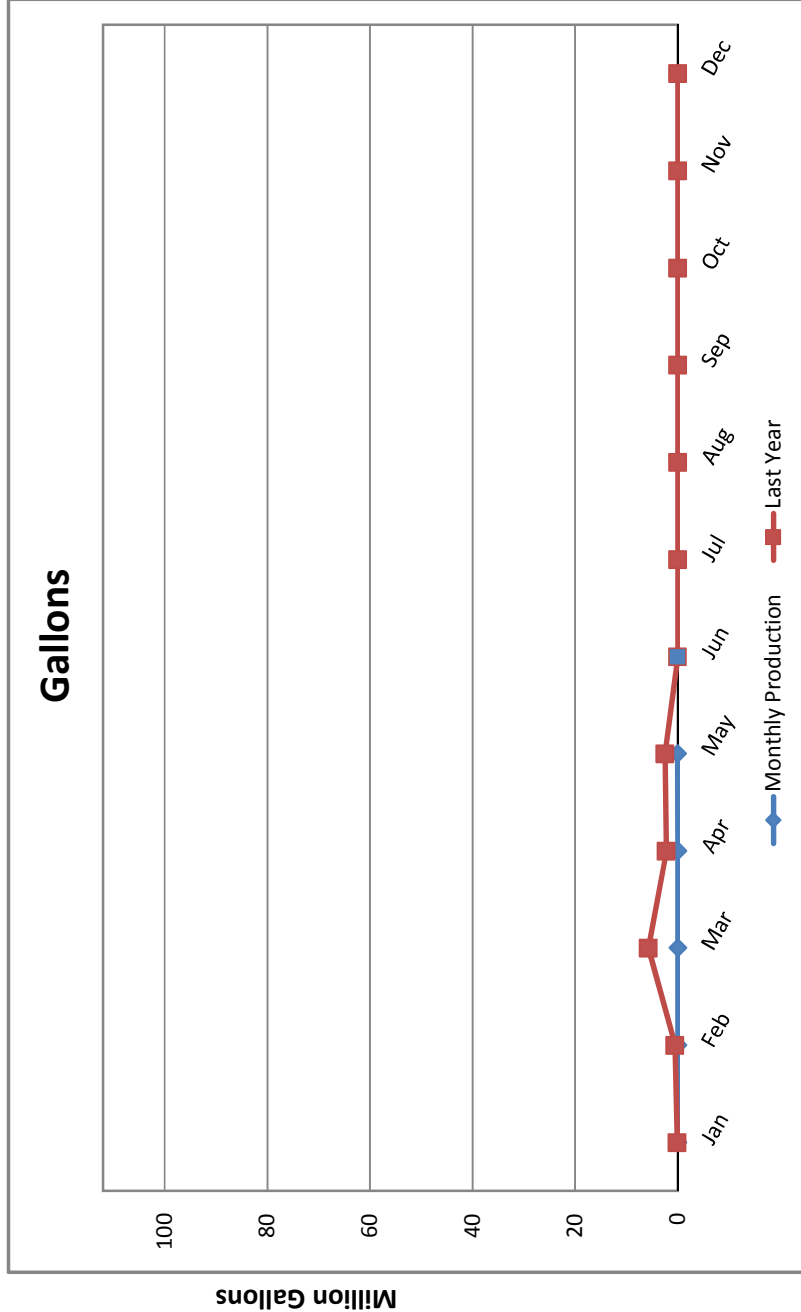
Motor Temp.: -- F
Hour Meter: 3.40
KW Hour Total: 2,003.00

Chlorine:

Dosing: 1.73
Demand: 0.73
Residual: 1

Vibration Reading:

Base Line: 0.03 in/sec
Current: --





Elk Grove Water District

Monthly Production

Well 9 Polhemus -- May 2018
(Submersible)

Selected Month Production
14,583,000 Gallons

Average GPM: 474

Motor:

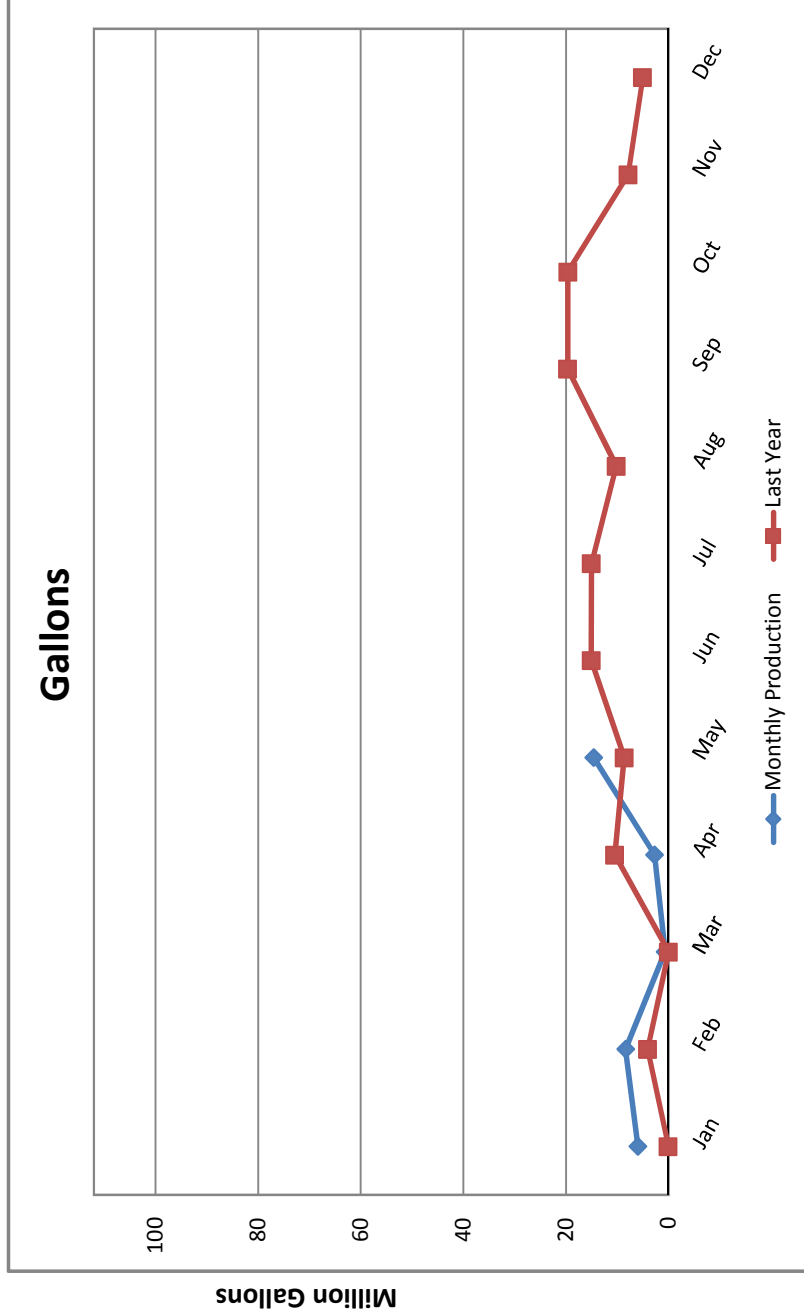
Volts: 479
Volts (Rated): 460

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

Hour Meter: 512.00 F
KW Hour Total: 20,207.00

Chlorine:

Dosing: 1.39 mg/L
Demand: 0.34 mg/L
Residual: 1.05 mg/L





Elk Grove Water District

Monthly Production

Well 13 Hampton -- May 2018

Selected Month Production
40,183,314 Gallons

Average GPM: 967

Motor:

Volts: 479
 Volts (Rated): 460
 RPM: 1765
 RPM (Rated): 1785
 Amps A: 100
 Amps A (Rated): 141
 Amps B: 101
 Amps B (Rated): 141
 Amps C: 103
 Amps C (Rated): 141

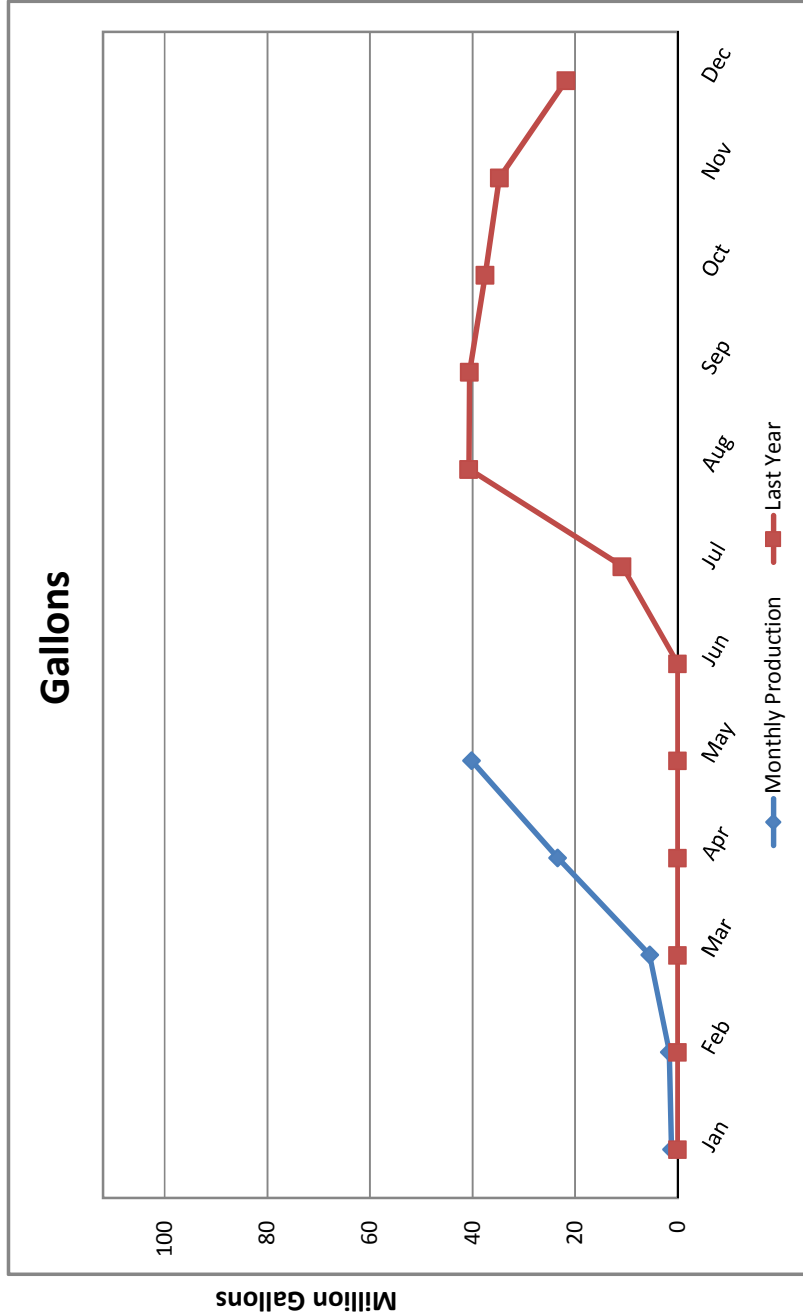
Motor Temp.: 123.4 F
 Hour Meter: 692.10
 KW Hour Total: 50,640.00

Chlorine:

Dosing: 1.4 mg/L
 Demand: 0.49 mg/L
 Residual: 0.91 mg/L

Vibration Reading:

Base Line: 0.02 in/sec
 Current: 0.13 in/sec





Elk Grove Water District

Combined Total Production

Service Area 1

May-2018

Current Month Production:

125,703,221 Gallons

Highest Day Demand of the Month:

5,257,215

Date of Occurrence

29-May-18

Highest Day Demand of the Calendar Year:

5,257,215

Date of Occurrence

29-May-18

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

Current Month: 0.60 in

Year To Date: 15.96 in

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

May 2017 0.05 in

Year To Date: 32.98 in

Last Year Total: 33.08 in

Temperature:

This Month High 96 F

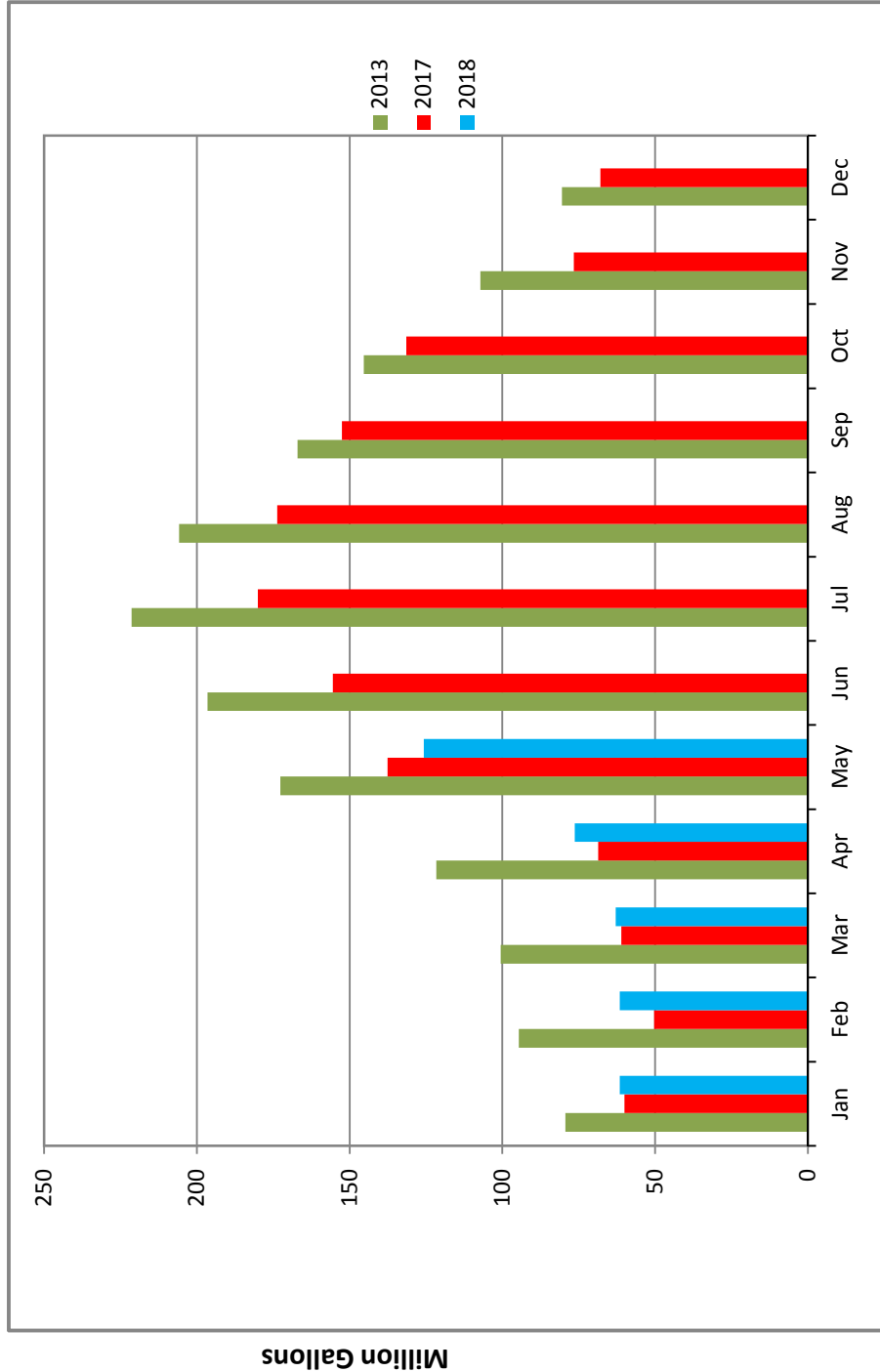
This Month Low 48 F

This Month Average 65.5 F

MAY-17 High 99 F

MAY-17 Low 43 F

MAY-17 Average 67.4 F

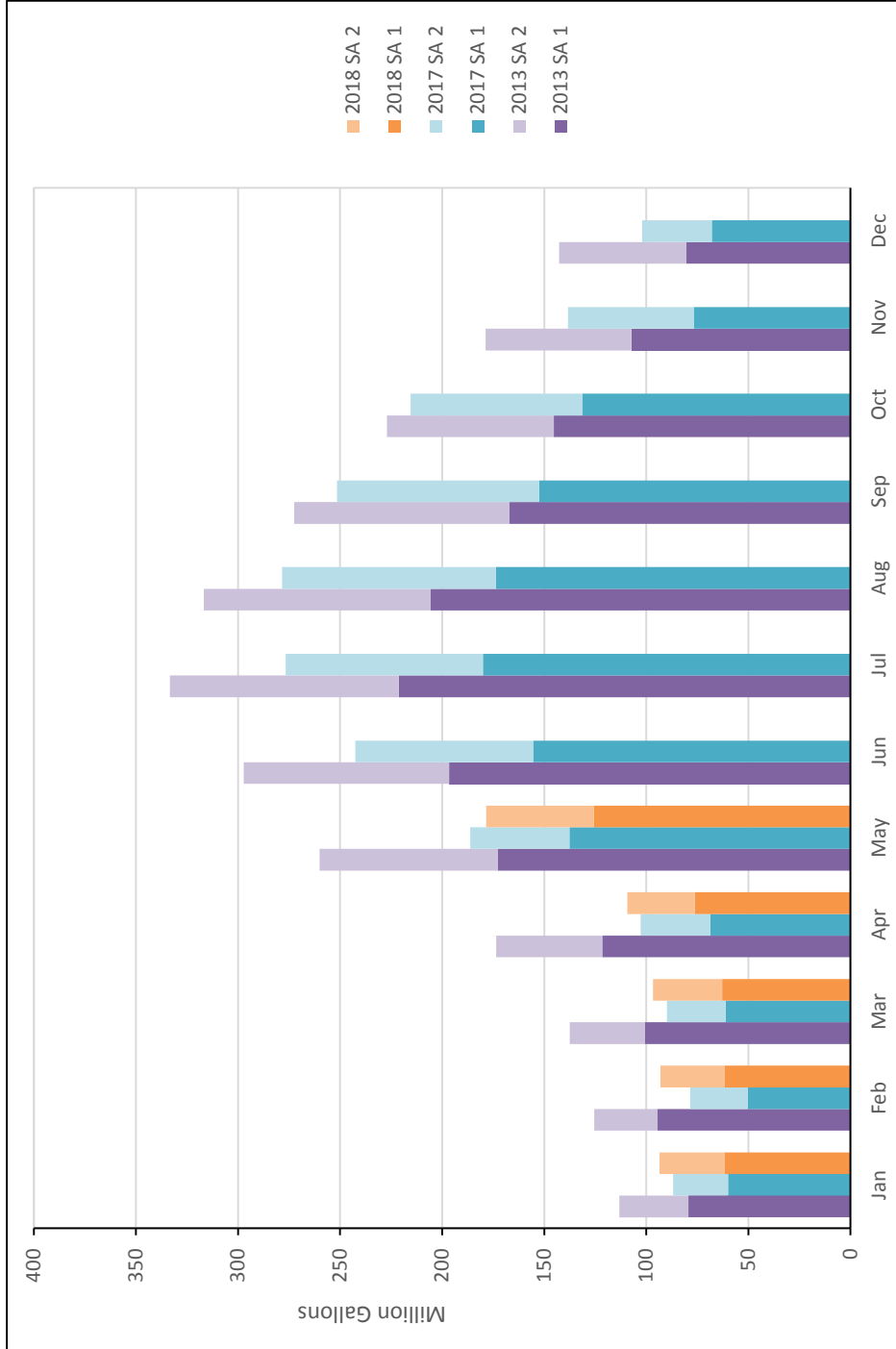




Elk Grove Water District

Total Demand/Production

May-2018



Current Month Demand/Production:
178,396,081 Gallons
Reduction From May 2013: 31.41%
GPCD: 128.2 Gallons per Day
R-GPCD: 106.4 Gallons per Day

Service Area 1
Active Connections: 7,933
Current Month Demand/Production:
125,703,221 Gallons
Reduction From May 2013: 27.18%
GPCD: 142.1 Gallons per Day
R-GPCD: 116.5 Gallons per Day

Service Area 2
Active Connections: 4,410
Current Month Demand/Production:
52,692,860 Gallons
Reduction From May 2013: 39.76%
GPCD: 104.0 Gallons per Day
R-GPCD: 88.4 Gallons per Day

Elk Grove Water District Water Usage

		Monthly Production (gallons)											
		January	February	March	April	May	June	July	August	September	October	November	December
2013	GW (SA1)	68,254,916	81,368,191	100,542,522	121,613,523	172,623,839	196,557,137	221,335,388	205,830,850	166,997,536	145,352,530	107,186,459	80,494,167
	Purchased (SA2)	33,769,956	30,929,052	36,942,972	51,911,200	87,470,372	100,709,224	112,128,192	110,885,764	105,417,136	81,665,892	71,505,060	62,165,532
	Total	102,024,872	112,297,243	137,485,494	173,524,723	260,094,211	297,266,361	333,463,580	316,716,614	272,414,672	227,018,422	178,691,519	142,659,699
2015	GW (SA1)	62,684,574	57,365,413	86,489,437	88,984,850	106,158,389	114,555,359	127,038,586	125,052,315	117,883,208	99,385,733	64,079,715	57,508,787
	Purchased (SA2)	28,648,400	30,029,208	36,876,400	51,626,212	52,734,000	62,368,240	71,273,928	75,055,068	70,123,504	63,526,892	46,873,420	34,399,772
	Total	91,332,974	87,394,621	123,365,837	140,611,062	158,892,389	176,923,599	198,312,514	200,107,383	188,006,712	162,912,625	110,953,135	91,908,559
2016	GW (SA1)	54,579,679	53,455,693	56,776,025	80,317,655	110,937,338	148,518,660	164,758,463	159,501,571	140,200,584	99,019,629	63,087,762	59,635,559
	Purchased (SA2)	27,516,676	26,507,624	27,531,636	34,054,196	51,071,196	75,541,268	96,246,656	93,992,184	86,904,136	75,682,640	37,088,084	28,894,492
	Total	82,096,355	79,963,317	84,307,661	114,371,851	162,008,534	224,059,928	261,005,119	253,493,755	227,104,720	174,702,269	100,175,846	88,530,051
2017	GW (SA1)	59,973,881	50,320,832	61,080,559	68,658,752	137,599,305	155,472,951	180,086,739	173,684,119	152,475,400	131,390,808	76,619,642	67,874,741
	Purchased (SA2)	26,951,188	28,184,640	28,756,860	34,167,892	48,653,660	87,003,620	96,535,384	104,766,376	98,979,848	84,154,488	61,788,540	34,228,480
	Total	86,925,069	78,505,472	89,837,419	102,826,644	186,252,965	242,476,571	276,622,123	278,450,495	251,455,248	215,545,296	138,408,182	102,103,221
2018	GW (SA1)	61,547,751	61,558,850	62,848,303	76,267,144	125,703,221							
	Purchased (SA2)	31,925,388	31,512,492	33,779,680	32,989,792	52,692,860							
	Total	93,473,139	93,071,342	96,627,983	109,256,936	178,396,081	0	0	0	0	0	0	0

% Reduction from 2013 8.38% 17.12% 29.72% 37.04% 31.41% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%

*Notes

2013 January and February production numbers do not match 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

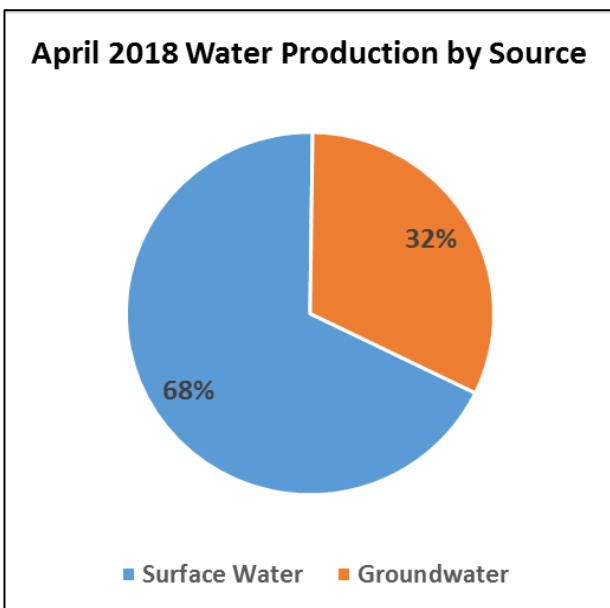
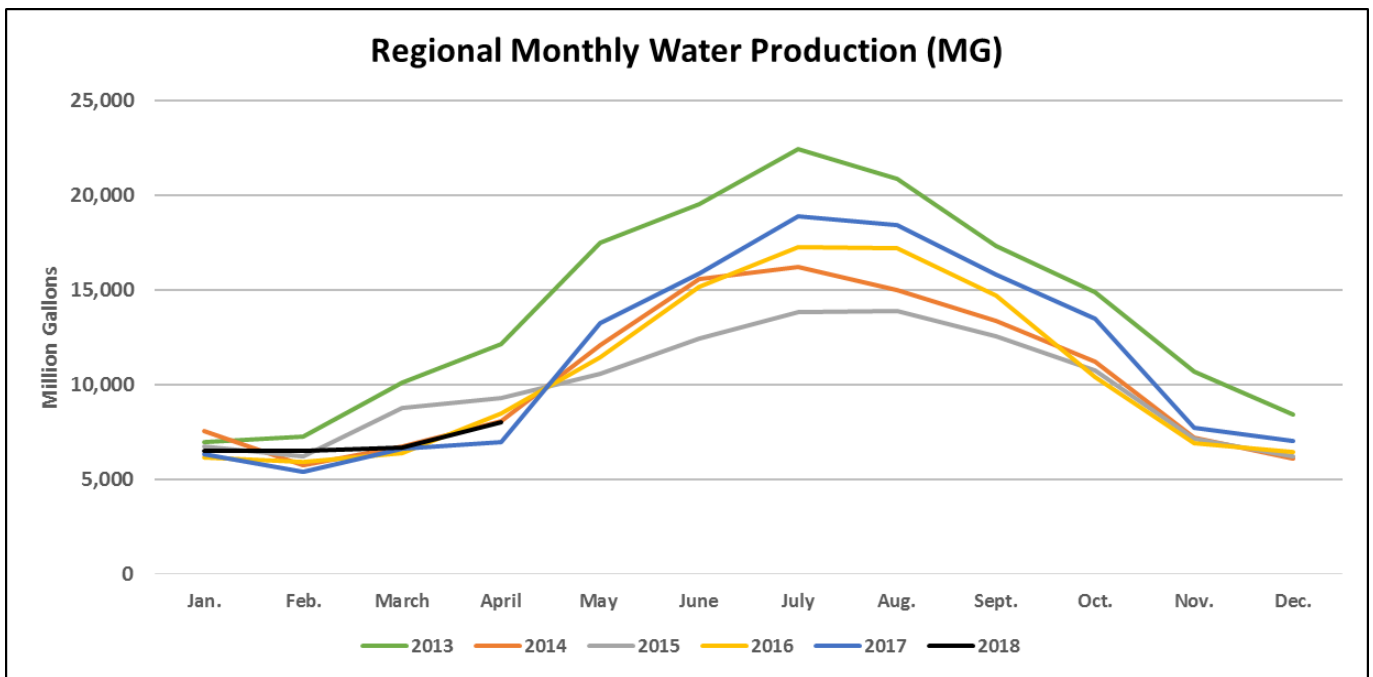
To determine estimate of Jan. 2013 production, use prorated amount from Feb. 2013 data. (This method due to Jan. 2014 being unseasonably hot.)

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	
2018	# Accts	CCF	Gallons
Jan	4,408	42,681	31,925,388
Feb	4,408	42,129	31,512,492
Mar	4,408	45,160	33,779,680
Apr	4,408	44,104	32,989,792
May	4,408	70,445	52,692,860
Jun			0
Jul			0
Aug			0
Sep			0
Oct			0
Nov			0
Dec			0

Data Summary April 2018

Regional Monthly Water Production (Million Gallons)												
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
2018	6,461	6,468	6,632	8,016								
2017	6,285	5,407	6,620	6,943	13,232	15,858	18,870	18,398	15,765	13,454	7,710	6,998
2016	6,154	5,900	6,354	8,435	11,413	15,136	17,257	17,190	14,696	10,357	6,910	6,407
2015	6,714	6,179	8,781	9,282	10,536	12,419	13,789	13,866	12,560	10,759	7,131	6,217
2014	7,528	5,724	6,741	8,034	12,069	15,536	16,196	14,996	13,357	11,201	7,201	6,090
2013	6,953	7,232	10,094	12,105	17,472	19,483	22,413	20,855	17,311	14,848	10,649	8,430



Monthly Water Production by Source (MG)							
	Jan.	Feb.	Mar.	Apr.	May	June	July
SW	3,655	3,814	4,193	5,449			
GW	2,806	2,660	2,439	2,567			
Total	6,461	6,474	6,632	8,016			
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
SW							17,111
GW							10,472
Total							27,582

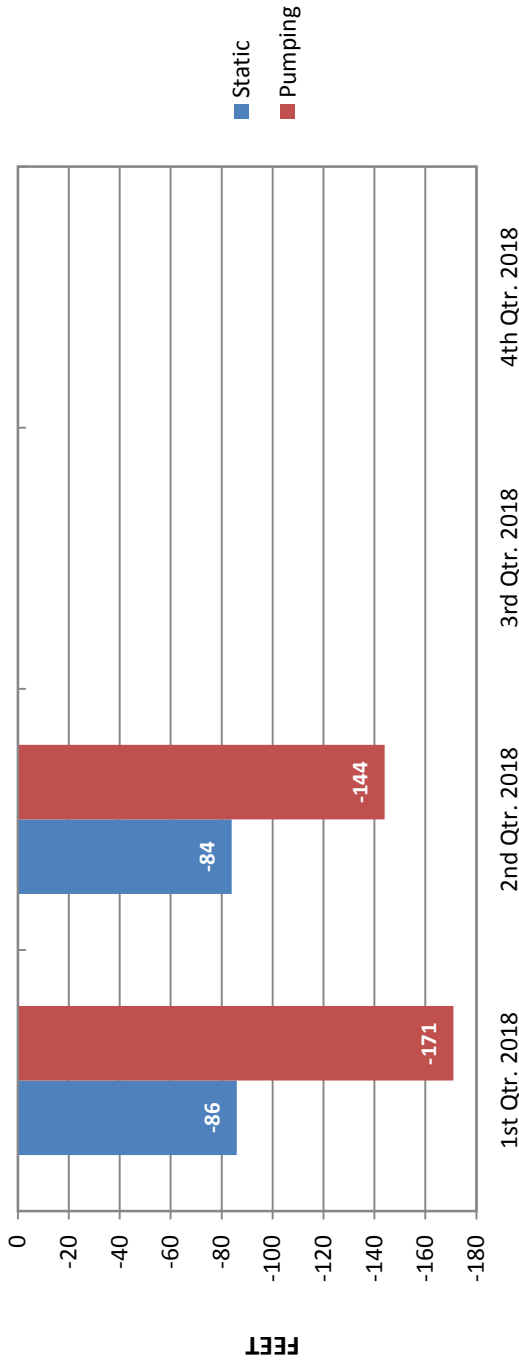
SW=surface water
GW=groundwater



Elk Grove Water District

Static and Pumping Levels

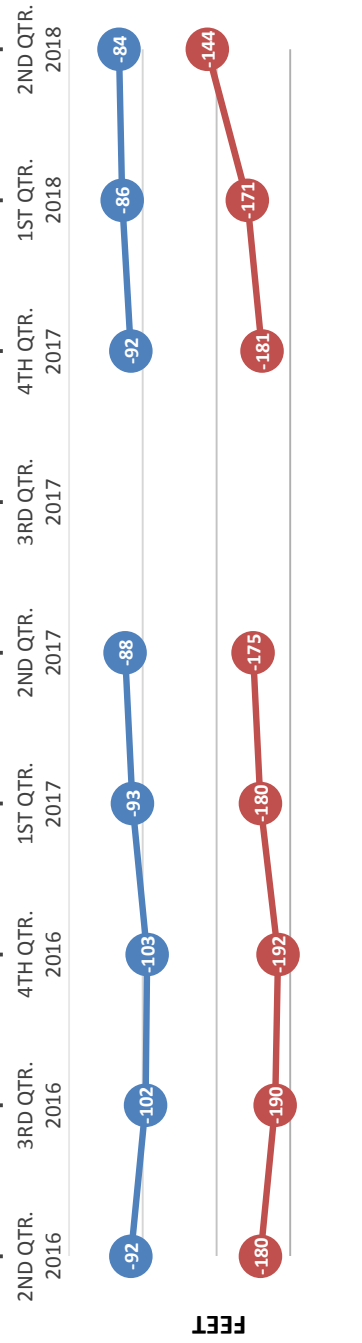
Well 1D School St



Latest Well Sounding

Static: 84 Ft
 Pumping: 144 Ft
 Drawdown: 60 Ft
 GPM: 1,776
 Specific Capacity: 29.600

Sounding Quarter/Year



Latest Sand Tester Results:

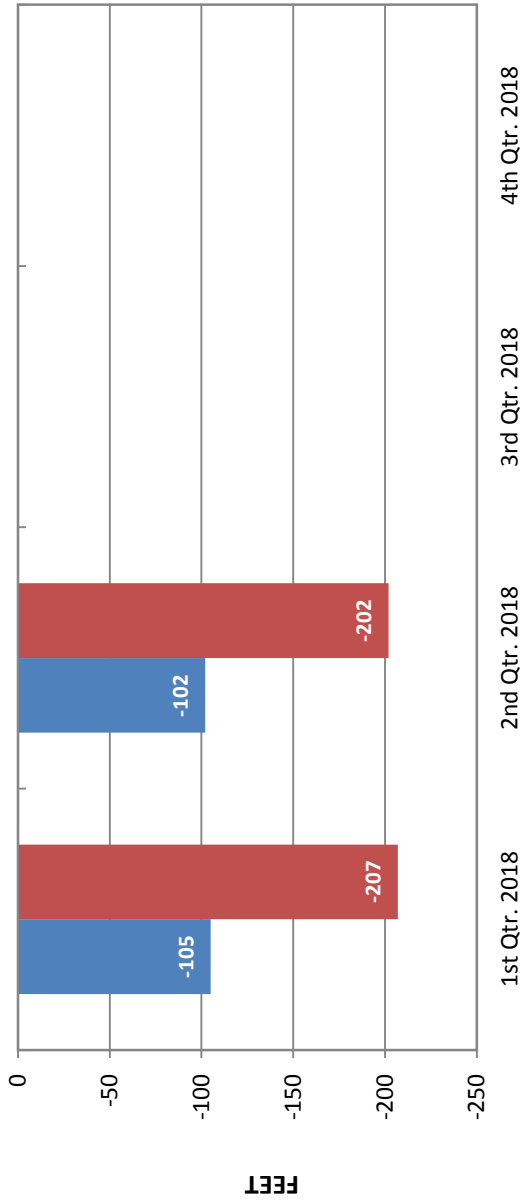
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 4D Webb St

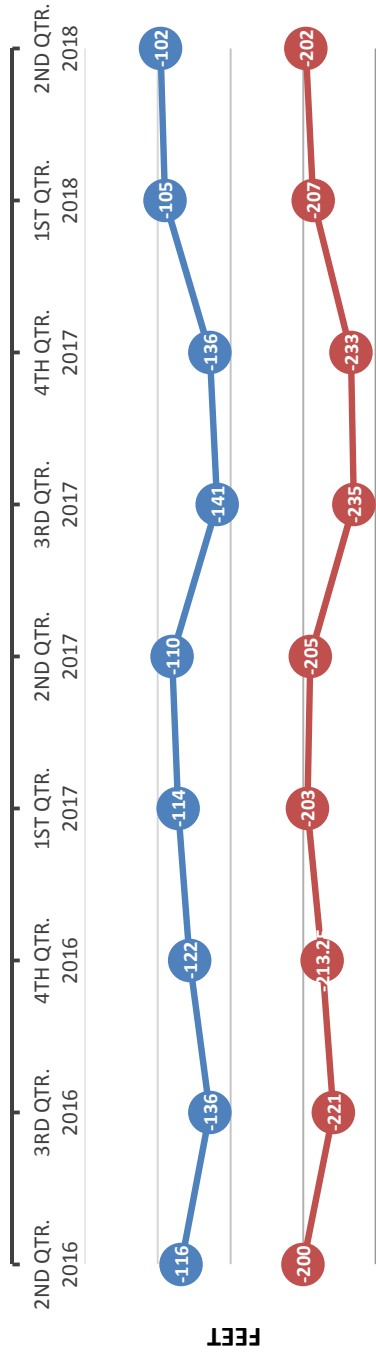


Latest Well Sounding

Static: 102 Ft
Pumping: 202 Ft
Drawdown: 100 Ft
GPM: 1,687.00
Specific Capacity: 16.870

■ Static
■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

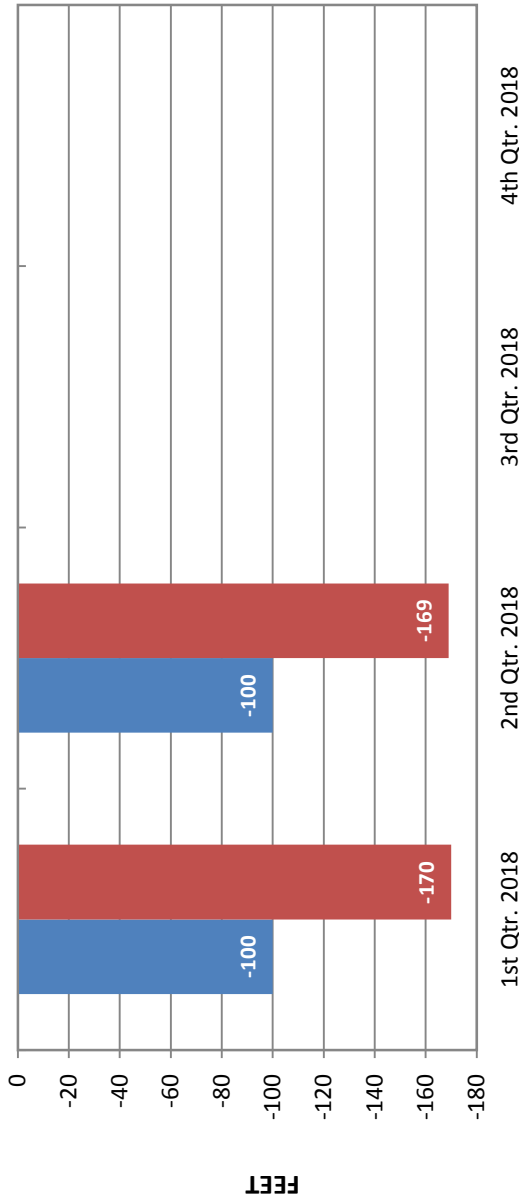
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 11D Dino

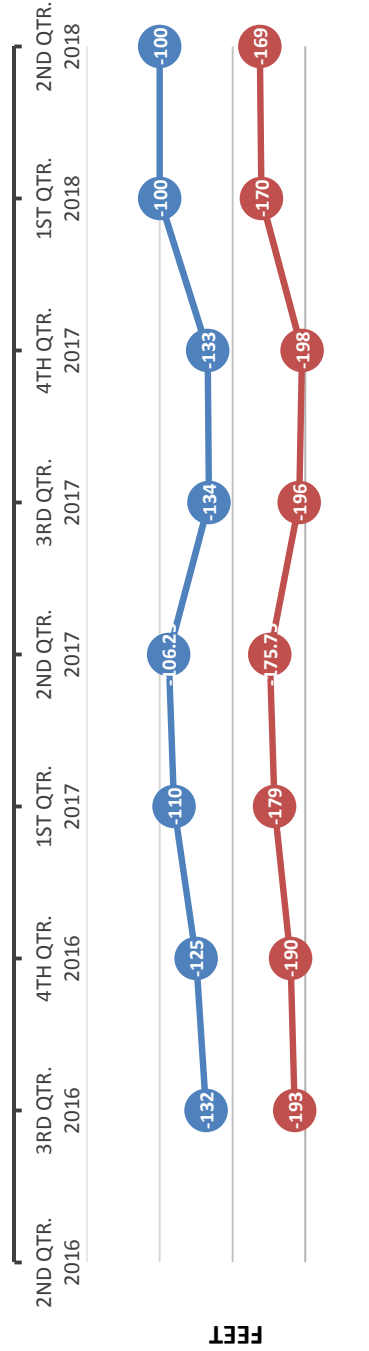


■ Static
■ Pumping

Latest Well Sounding

Static: 100 Ft
 Pumping: 169 Ft
 Drawdown: 69 Ft
 GPM: 1,719.00
 Specific Capacity: 24.913

Sounding Quarter/Year



Latest Sand Tester Results:

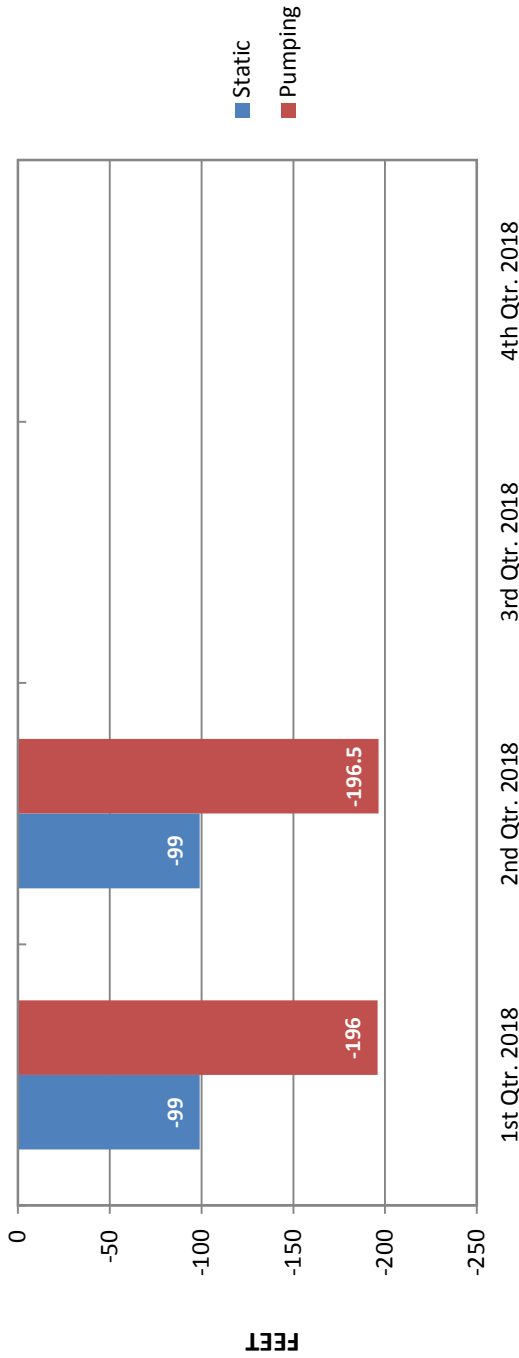
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

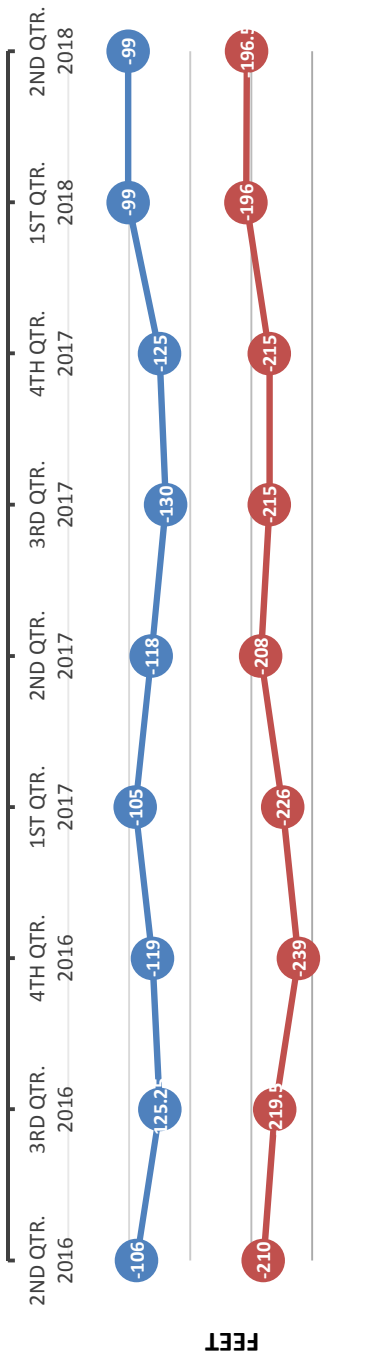
Well 14D Railroad



Latest Well Sounding

Static: 99 Ft
Pumping: 196.5 Ft
Drawdown: 97.5 Ft
GPM: 1,687.00
Specific Capacity: 17.303

Sounding Quarter/Year



Latest Sand Tester Results:

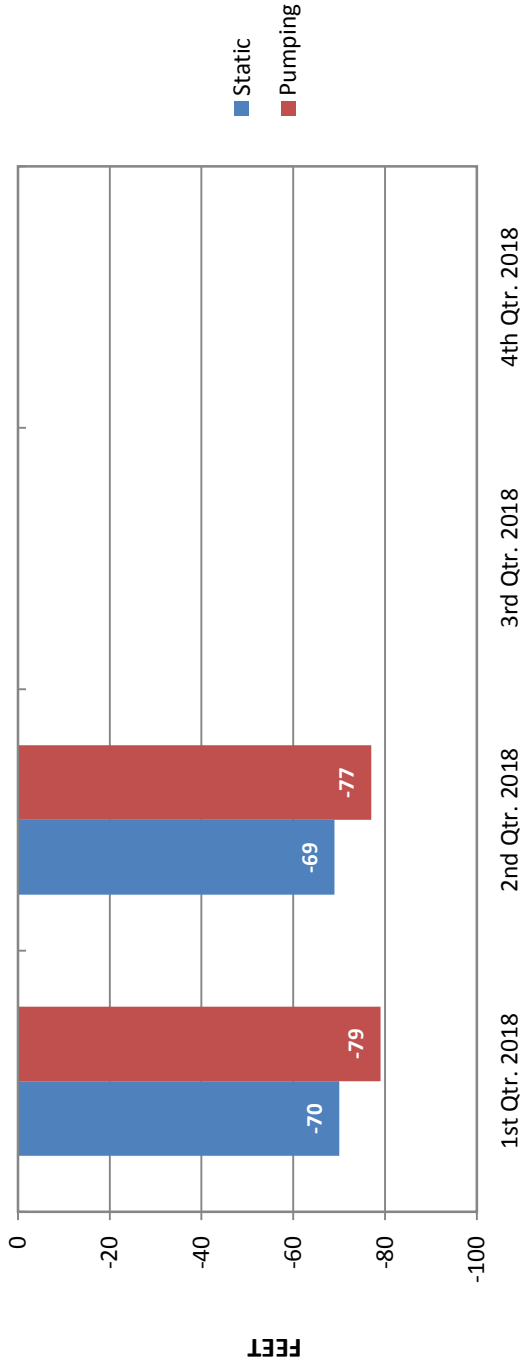
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

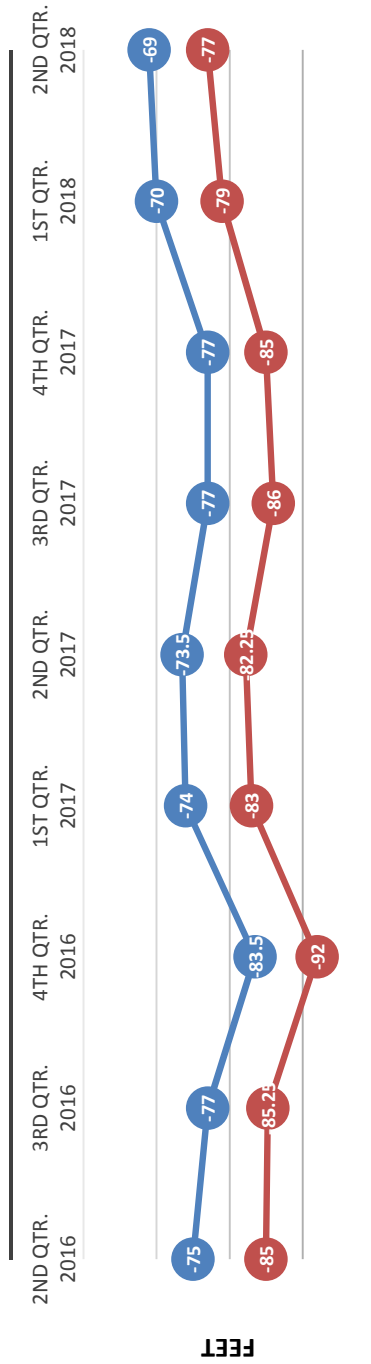
Well 3 Mar-Val



Latest Well Sounding

Static: 69 Ft
 Pumping: 77 Ft
 Drawdown: 8 Ft
 GPM: 760.00
 Specific Capacity: 95.000

Sounding Quarter/Year



Latest Sand Tester Results:

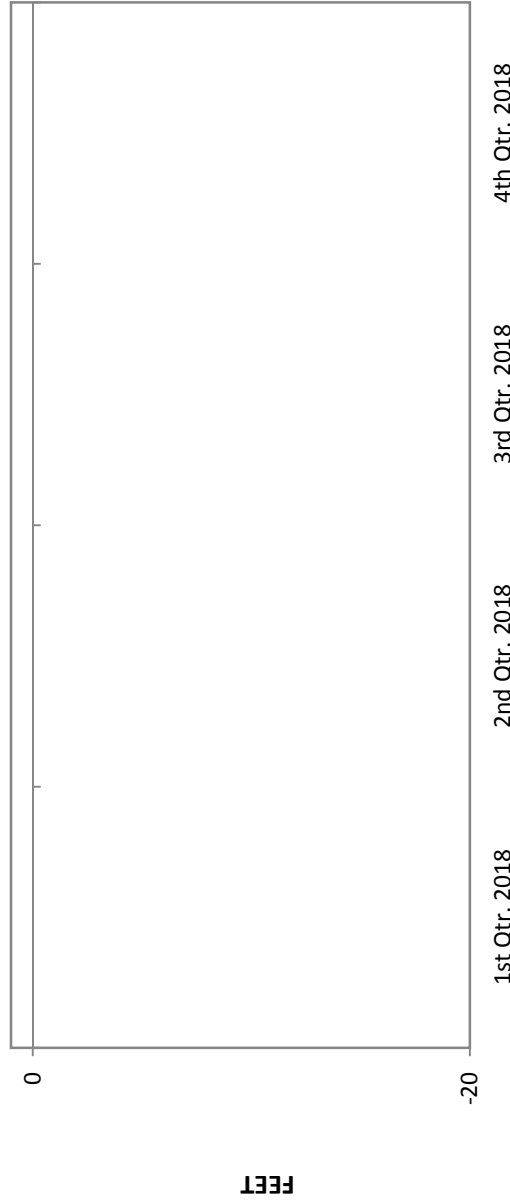
15 Min: 7.044 ppm



Elk Grove Water District

Static and Pumping Levels

Well 8 Williamson

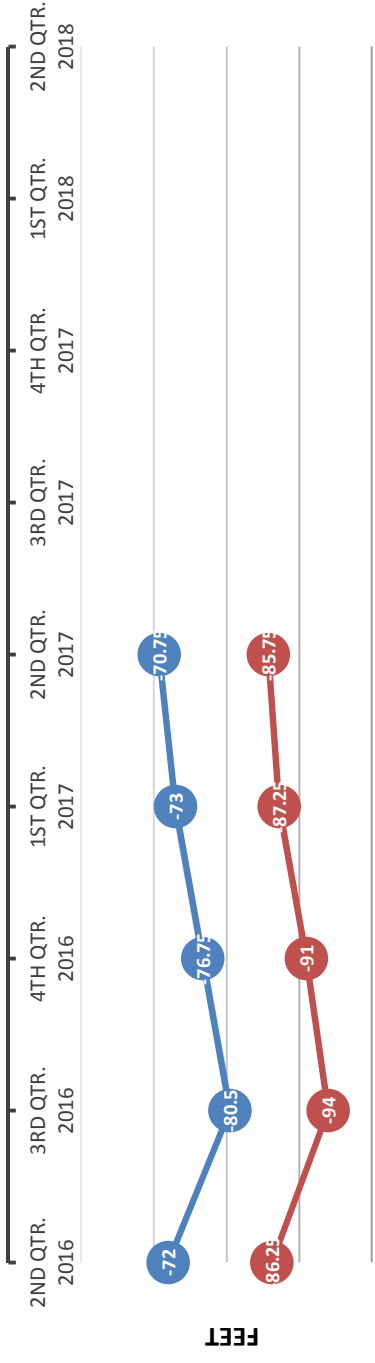


■ Static
■ Pumping

Latest Well Sounding

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

Sounding Quarter/Year



Latest Sand Tester Results:

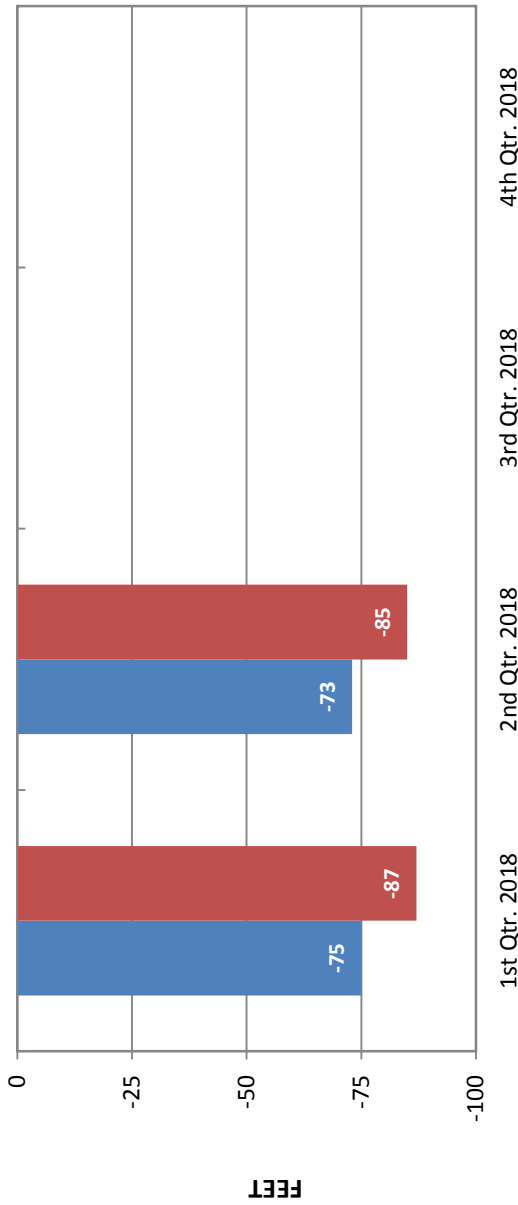
15 Min: 3.52 ppm



Elk Grove Water District

Static and Pumping Levels

Well 9 Polhemus

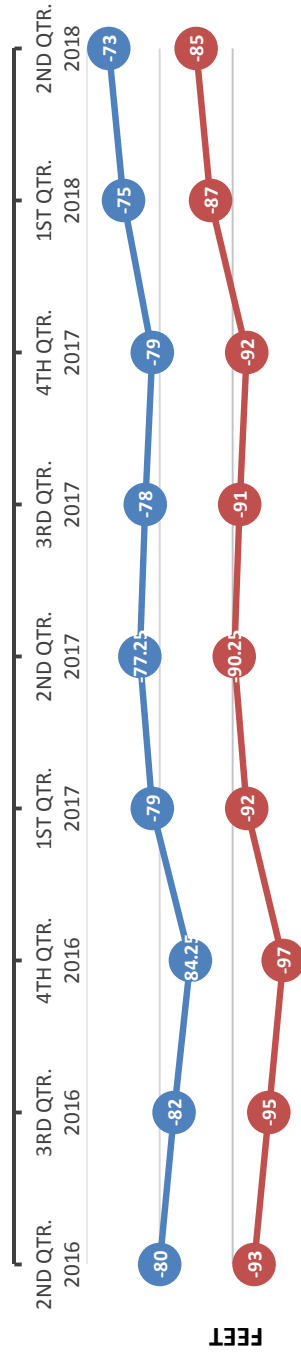


Latest Well Sounding

Static: 73 Ft
 Pumping: 85 Ft
 Drawdown: 12 Ft
 GPM: 460.00
 Specific Capacity: 38.333

■ Static
 ■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

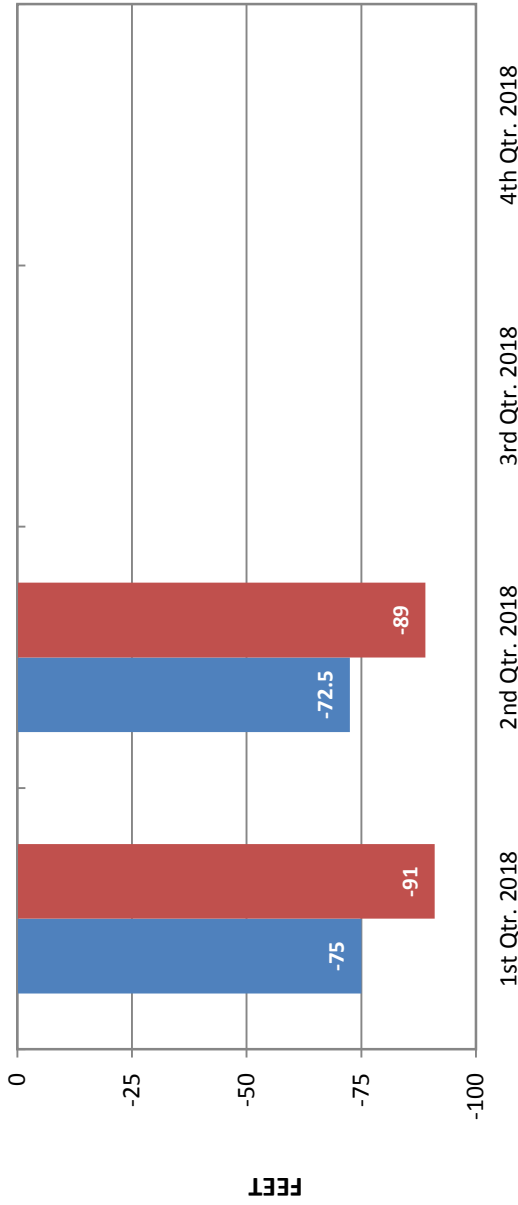
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 13 Hampton



Latest Well Sounding

Static: 72.5 Ft

Pumping: 89 Ft

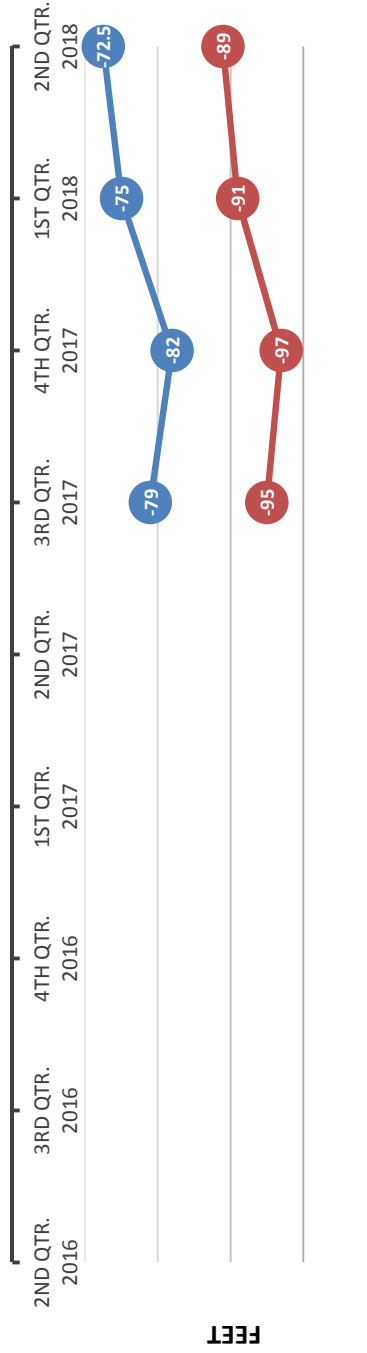
Drawdown: 16.5 Ft

GPM: 988

Specific Capacity: 59.879

■ Static
■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

15 Min: < 5 ppm

Monthly Sample Report - May 2018
Water System: Elk Grove Water System

Sampling Point: 01 - 8693 W. Camden			
Sample Date	Sample Class	Sample Name	Collection Occurrence
5/1/2018	Distribution System	Bacteriological	Week
5/8/2018	Distribution System	Bacteriological	Week
5/15/2018	Distribution System	Bacteriological	Week
5/22/2018	Distribution System	Bacteriological	Week
5/29/2018	Distribution System	Bacteriological	Week

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

Sampling Point: 02 - 9425 Emerald Vista			
Sample Date	Sample Class	Sample Name	Collection Occurrence
5/1/2018	Distribution System	Bacteriological	Week
5/8/2018	Distribution System	Bacteriological	Week
5/15/2018	Distribution System	Bacteriological	Week
5/22/2018	Distribution System	Bacteriological	Week
5/29/2018	Distribution System	Bacteriological	Week

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

Sampling Point: 03 - 8809 Valley Oak			
Sample Date	Sample Class	Sample Name	Collection Occurrence
5/1/2018	Distribution System	Bacteriological	Week
5/8/2018	Distribution System	Bacteriological	Week
5/15/2018	Distribution System	Bacteriological	Week
5/22/2018	Distribution System	Bacteriological	Week
5/29/2018	Distribution System	Bacteriological	Week

Sampling Point: Webb Well 04D - Raw Water		
Sample Date	Sample Class	Collection Occurrence

Sampling Point: 04 - 10122 Glacier Point		
Sample Date	Sample Class	Collection Occurrence
5/1/2018	Distribution System	Week
5/8/2018	Distribution System	Week
5/15/2018	Distribution System	Week
5/22/2018	Distribution System	Week
5/29/2018	Distribution System	Week

Sampling Point: 05 - 9230 Amsden Ct.		
Sample Date	Sample Class	Collection Occurrence
5/1/2018	Distribution System	Week
5/8/2018	Distribution System	Week
5/15/2018	Distribution System	Week
5/22/2018	Distribution System	Week
5/29/2018	Distribution System	Week

Sampling Point: 06 - 9227 Rancho Dr.		
Sample Date	Sample Class	Collection Occurrence
5/1/2018	Distribution System	Week
5/8/2018	Distribution System	Week
5/15/2018	Distribution System	Week
5/22/2018	Distribution System	Week
5/29/2018	Distribution System	Week

Sampling Point: 07 - AI Gates Park Mainline Dr.		
Sample Date	Sample Class	Collection Occurrence
5/1/2018	Distribution System	Week
5/8/2018	Distribution System	Week
5/15/2018	Distribution System	Week
5/22/2018	Distribution System	Week
5/29/2018	Distribution System	Week

Sample Date	Sample Class	Sample Name	Collection Occurrence
Sampling Point: - Williamson Well 8 Raw Water			

Sample Date	Sample Class	Sample Name	Collection Occurrence
Sampling Point: 08 - 9436 Hollow Springs Wy.			
5/1/2018	Distribution System	Bacteriological	Week
5/8/2018	Distribution System	Bacteriological	Week
5/15/2018	Distribution System	Bacteriological	Week
5/22/2018	Distribution System	Bacteriological	Week
5/29/2018	Distribution System	Bacteriological	Week

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

Sample Date	Sample Class	Sample Name	Collection Occurrence
Sampling Point: 09 - 8417 Blackman Wy.			
5/1/2018	Distribution System	Bacteriological	Week
5/8/2018	Distribution System	Bacteriological	Week
5/15/2018	Distribution System	Bacteriological	Week
5/22/2018	Distribution System	Bacteriological	Week
5/29/2018	Distribution System	Bacteriological	Week
5/8/2018	Distribution System	Fluoride	Monthly

Sample Date	Sample Class	Sample Name	Collection Occurrence
Sampling Point: 10 - 9373 Oreo Ranch Cir.			
5/1/2018	Distribution System	Bacteriological	Week
5/8/2018	Distribution System	Bacteriological	Week
5/15/2018	Distribution System	Bacteriological	Week
5/22/2018	Distribution System	Bacteriological	Week
5/29/2018	Distribution System	Bacteriological	Week

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
5/1/2018	Source Water	Fe, Mn, As, Total	Weekly
5/1/2018	Source Water	Bacteriological	Weekly
5/8/2018	Source Water	Fe, Mn, As, Total	Weekly
5/8/2018	Source Water	Bacteriological	Weekly
5/17/2018	Source Water	Fe, Mn, As, Total	Weekly
5/17/2018	Source Water	Bacteriological	Weekly
5/22/2018	Source Water	Fe, Mn, As, Total	Weekly
5/22/2018	Source Water	Bacteriological	Weekly
5/29/2018	Source Water	Fe, Mn, As, Total	Weekly
5/29/2018	Source Water	Bacteriological	Weekly

Sampling Point: Hampton WTP Effluent			
Sample Date	Sample Class	Sample Name	Collection Occurrence
5/1/2018	Treated Effluent	Fe, Mn, As, Total	Weekly
5/8/2018	Treated Effluent	Fe, Mn, As, Total	Weekly
5/17/2018	Treated Effluent	Fe, Mn, As, Total	Weekly
5/22/2018	Treated Effluent	Fe, Mn, As, Total	Weekly
5/29/2018	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

Sampling Point: Railroad WTP Effluent

Sample Date	Sample Class	Sample Name	Collection Occurrence
5/8/2018	Treated Plant Effluent	WTP Eff - Fe, Mn, As, Al Total	Month
5/8/2018	Treated Plant Effluent	WTP Eff - Fe, Mn, As, Al Dissolved	Month

Sampling Point: Railroad WTP Backwash Tank

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

Sample Date	Sample Class	Sample Name	Collection Description
5/10/2018	Source Water	Bacteriological	CIP Well #8
5/15/2018	Source Water	Bacteriological	CIP Well #8
5/15/2018	Distribution System	Bacteriological	8846 Yarmouth Lowering Main Line

<u>Colors</u>	<u>Monthly Total</u>	<u>Yearly Total</u>
Black = Scheduled	67	341
Green = Unscheduled	4	44
Red = Incomplete Sample	0	0



June 8, 2018

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

MONTHLY COMPLIANCE REPORT

Enclosed is the Monthly Compliance Report Form from Elk Grove Water District for May 2018.

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

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

STEVE SHAW
WATER TREATMENT SUPERVISOR

COMPLIANCE REPORT FORM

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

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

Month:	May	Year:	2018
---------------	------------	--------------	-------------

Water use/flow meter report
 Hampton WTP – 995,947
 Railroad WTP – 0

	Date	Time	pH
Hampton WTP			
Railroad WTP			

Monitoring results/analytical report

Discharge Rate

Check the statement below that applies to this report:

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

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

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

Other (describe):

Domestic Calculation

Domestic Usage	Number of Employees	Business Days per Month	Allowance (gallons per day)	Gallons
Production	3	20	15	900
Office	4	20	10	800
Drivers/Field	19	20	3	1140
Total				2840

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:

6-8-2018



June 8, 2018

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

MONTHLY SUMMARY OF DISTRIBUTION SYSTEM COLIFORM MONITORING

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

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

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

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;">May</p>	Year <p style="text-align: center; font-size: 1.2em;">2018</p>

	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/ E.coli Positives
1. Routine Samples (see note 1)	<u>50</u>	<u>50</u>	<u>0</u>	<u>0</u>
2. Repeat Samples following Samples that are Total Coliform Positive and Fecal/E.coli <i>Negative</i> (see notes 5 and 6)		<u>0</u>	<u>0</u>	<input style="width: 40px; height: 20px;" type="text"/>
3. Repeat Samples following Routine Samples that are Total Coliform <i>Positive</i> and Fecal/E.coli Positive (see notes 5 and 6)		<u>0</u>	<input style="width: 40px; height: 20px;" type="text"/>	<input style="width: 40px; height: 20px;" type="text"/>
4. MCL Computation for Total Coliform Positive Samples				
a. Totals (sum of columns)		<u>40</u>	<u>0</u>	
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100] =		<u>0</u>	%	
c. Is system in compliance. ...with fecal/E. coli MCL? (see notes 2 and 3)	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No	
...with monthly MCL? (see note 4)	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No	
5. Source Samples Triggered by Routine Samples that are Total Coliform Positive (This applies only to systems subject to the Groundwater Rule - see notes 7 and 8)		<u>0</u>	<u>0</u>	<input style="width: 40px; height: 20px;" type="text"/>
6. Invalidated Samples (Note what samples, if any, were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)				
7. Summary Completed By: Steve Shaw				

Signature 	Title <p style="text-align: center; font-size: 1.2em;">Water Treatment Supervisor</p>	Date <p style="text-align: center; font-size: 1.2em;">6/8/18</p>
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NOTES AND INSTRUCTIONS:

1. Routine samples include:
 - a. Samples required pursuant to 22 CCR Section 64423 and any additional samples required by an approved routine sample siting plan established pursuant to 22 CCR Section 64422.
 - b. Extra samples are required for systems collecting less than five routine samples per month that had one or more total coliform positives in previous month;
 - c. Extra samples for systems with high source water turbidities that are using surface water or groundwater under direct influence of surface water and do not practice filtration in compliance with regulations;
2. Note: For a repeat sample following a total coliform positive sample, any 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.**



June 8, 2018

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

MONTHLY SUMMARY OF THE HAMPTON GROUNDWATER TREATMENT PLANT

Enclosed is the Monthly Summary of the Hampton GWTP report from Elk Grove Water District for May 2018.

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

A handwritten signature in blue ink, appearing to read "Steve Shaw", is located below the text. The signature is fluid and cursive.

STEVE SHAW
WATER TREATMENT SUPERVISOR

Elk Grove Water District

Hampton GWTP Monthly Report

PWS Number 3410008-013

Hampton Water Treatment Plant

Month: May

Date last day	Meter Reading	Production	Backwash Meter	Reclaim Water	Weekly In-House Monitoring (mg/L) R (Raw) T (Treated) As (ug/L)							Weekly Average		
					Date	Fe, R	Fe, T	Mn, R	Mn, T	As, R	As, T	Inf. pH	Eff. pH	
1	334855325	1324863	4595919	455072	5/1/2018	0.005	0.01	0.013	0.009	11	3	6.9	7.5	
2	336144359	1289034	4628396	479721	5/8/2018	0.003	0.014	0.071	0.019	11	3	6.9	7.5	
3	336813400	669041	4660827	517524	5/15/2018	0.005	0.013	0.113	0	8	2	6.9	7.2	
4	338181866	1368466	4704049	541405	5/22/2018	0.007	0.043	0.125	0.004	12	2	6.9	7.2	
5	338626091	444225	4714885	541405	5/29/2018	0.005	0.012	0.006	0	12	2.5	6.9	7.2	
6	340030057	1403966	4747396	541405	Total Gallons Sodium Hypochlorite: 377.9 Gal									
7	341469374	1439317	4779886	541405	Pounds per day 15.24 Lbs/Day									
8	342847789	1378415	4812367	541498	Dosage (Milligrams Per Liter @ 12.5% Cl) 1.8 mg/L									
9	344224164	1376375	4844651	541498	Total Gallons Ferric Chloride: 247 Gal									
10	345634789	1410625	4877079	541498	Dosage (Milligrams Per Liter @ 38% FeCl) .65mg/L									
11	347023213	1388424	4909453	541498	Total Gallons Sodium Hydroxide: 290.7 Gal									
12	348416942	1393729	4941899	541498	Dosage (Gallons Per Hour @ 50% NaOH) 0.48 Gal/Hr									
13	349791107	1374165	4974389	541498	Total Gallons Sulfuric Acid : 232.5 Gal									
14	351213913	1422806	5006674	541498	Dose (Gallons Per Hour @ 93%) 0.33 Gal/Hr									
15	352601157	1387244	5035618	541498	Total Backwashed 922,906 Gal									
16	353997677	1396520	5067999	541498	Total Water Pumped 40,183,314 Gal									
17	355324111	1326434	5093167	541498	Total Reclaim 86,426 Gal									
18	356720671	1396560	5125578	541498	Total Water Treated 40,269,740 Gal									
19	358126363	1405692	5158045	541498	Reporting Limits/Units Maximum Contaminant Levels (MCLs)									
20	359537591	1411228	5190498	541498	Iron = 0.100 mg/L Iron (Fe) = 0.300 mg/L (Secondary)									
21	360940415	1402824	5222949	541498	Manganese = 0.010 mg/L Manganese (Mn) = 0.050 mg/L (Secondary)									
22	362352398	1411983	5255501	541498	Arsenic = 1.0 µg/L Arsenic (As) = 10 µg/L (Primary)									
23	363736145	1383747	5287951	541498										
24	365202725	1466580	5320506	541498										
25	366501121	1298396	5352959	541498										
26	367862453	1361332	5385355	541498										
27	369228920	1366467	5417824	541498										
28	370616398	1387478	5450306	541498										
29	371041613	425215	5461197	541498										
30	372394143	1352530	5490060	541498										
31	373713776	1319633	5518825	541498										
Total				40183314	86426									

Prepared By: Steve Shaw

Date: 6/8/2018



June 8, 2018

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

MONTHLY SUMMARY OF DISTRIBUTION SYSTEM FLUORIDATION MONITORING

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

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

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

STEVE SHAW
WATER TREATMENT SUPERVISOR

Elk Grove Water District Area 2

DISTRIBUTION SYSTEM

MONTHLY FLUORIDATION MONITORING REPORT

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

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

Month/Year: May 2018

Week	Location of samples taken*	Monitoring Results (mg/L)		
		Date	Time	Result
1	Hollow Springs	5-1-2018	11:15	.77
1	Al Gates Park	5-1-2018	11:30	.62
1	Oreo Ranch	5-1-2018	11:42	.66
1	Blackman	5-1-2018	12:55	.75
2	Hollow Springs	5-8-2018	10:21	.63
2	Al Gates Park	5-8-2018	10:36	.63
2	Oreo Ranch	5-8-2018	10:54	.63
2	Blackman	5-8-2018	12:01	.56
3	Hollow Springs	5-15-2018	9:05	.62
3	Al Gates Park	5-15-2018	9:39	.55
3	Oreo Ranch	5-15-2018	9:54	.64
3	Blackman	5-15-2018	12:37	.61
4	Hollow Springs	5-22-2018	10:52	.69
4	Al Gates Park	5-22-2018	11:07	.63
4	Oreo Ranch	5-22-2018	11:26	.70
4	Blackman	5-22-2018	12:15	.63
5	Hollow Springs	5-29-2018	9:29	.71
5	Al Gates Park	5-29-2018	9:46	.73
5	Oreo Ranch	5-29-2018	9:59	.68
5	Blackman	5-29-2018	10:56	.70

Monthly fluoride split sample results:

Date: 5-8-2018

Water system personnel: .56 mg/L

Approved laboratory: .59 mg/L

*Samples must be taken pursuant to approved sampling plan

Elk Grove Water District

Preventative Maintenance Program

Groundwater Wells

Monthly													Semi-annual			Annual				
													Refer: 1ST 6-MO. 2ND 6-MO.			Refer: 2018				
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC								
Well 14D Railroad	Initials	WQ	WQ	WQ	WQ	WQ														
	Date	1/9/18	2/6/18		4/9/18	5/11/18														
	W.O.#	15483	15581	15673	15779	15900													Sect: 7.3	
Well 4D Webb	Initials	WQ	WQ	AH	WQ	WQ														
	Date	1/4/18	2/27/18	3/9/18	4/9/18	5/23/18														
	W.O.#	15484	15582	15674	15780	15901														Sect: 8.3
Well 11D Pino	Initials	WQ	WQ	WQ	WQ	WQ														
	Date	1/2/18	2/13/18	3/7/18	4/3/18	5/16/18														
	W.O.#	15485	15583	15675	15781	15902														Sect: 9.3
Well 1D School	Initials	WQ	WQ	WQ	WQ	WQ														
	Date	1/9/18	2/22/18	3/6/18	4/3/18	5/22/18														
	W.O.#	15486	15584	15676	15782	15903														Sect: 13.3
Well 3 Mar-Val	Initials	WQ	WQ	AH	WQ	WQ														
	Date	1/11/18	2/16/18	3/9/18	4/10/18	5/11/18														
	W.O.#	15487	15585	15677	15783	15904														Sect: 12.4
Well 8 Williamson	Initials	AH	AH	AH	AH	AH														
	Date																			
	W.O.#	15488	15586	15678	15784	15905														Sect: 11.4
Well 9 Polhemus	Initials	WQ	WQ	AH	WQ	WQ														
	Date	1/10/18	2/16/18	3/9/18	4/19/18	5/21/18														
	W.O.#	15489	15587	15679	15785	15906														Sect: TBD
Well 13 Hampton	Initials	WQ	WQ	AH	AH	AH														
	Date	1/11/18	2/6/18	3/5/18	4/9/18	5/21/18														
	W.O.#	15490	15588	15680	15786	15907														Sect: TBD

Year: 2018

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	1st	2nd	3rd	4th	Refer.	1st	2nd	3rd	4th	Refer.	2018
Clor-Tec System	Section: 4.2	WQ 1/25/18 15472	WQ 2/6/18 15593	WQ 3/5/18 15685	WQ 4/11/18 15768	WQ 5/8/18 15892								WQ 3/13/18 15689				Section: 4.3					Section: 4.4	
Filter System	Section: 5.1	WQ 1/25/18 15473	AH 2/27/18 15594	WQ 3/6/18 15686	WQ 4/4/18 15769	WQ 5/7/18 15893								WQ 3/14/18 15708				Section: 5.2					Section: 5.3	
Backwash System	Section: 2.1	WQ 1/18/18 15474	WQ 2/21/18 15595	WQ 3/5/18 15687	WQ 4/12/18 15770	WQ 5/16/18 15894								WQ 3/14/18 15709				Section: 2.2					Section: 2.3	
Booster Pumps	Section: 3.1	WQ 1/18/18 15475	WQ 2/21/18 15596	WQ 3/8/18 15688	WQ 4/11/18 15771	WQ 5/14/18 15895												Section: 3.1					Section: 3.2	
LAB														WQ/AH 3/15/18 15690				Section: 1.1					Section: 1.2	
Clear Wells																							Section: 2.4	
MCC																							Section: 1.2	

Year: 2018

Elk Grove Water District

Preventative Maintenance Program

Hampton Village Water Treatment Plant

Item	Monthly												Quarterly			Semi-annual			Annual					
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1st	2nd	3rd	4th	Refer.	1ST-6- MO.	6-2ND- MO.	6- MO.	Refer.	2018	
Chemical Systems	Section: TBD	Initials AH Date 1/11/18 W.O.# 15476	WQ 2/6/18 15597	AH 3/5/18 15670	AH 4/9/18 15772	AH 5/21/18 15908								Section: TBD	AH 3/5/18 15691							Section: TBD		
Filter System	Section: TBD	Initials AH Date 1/11/18 W.O.# 15477	WQ 2/6/18 15598	AH 3/5/18 15671	AH 4/9/18 15773	AH 5/21/18 15909								Section: TBD	AH 3/14/18 15715							Section: TBD		
Backwash System	Section: TBD	Initials AH Date 1/11/18 W.O.# 15478	WQ 2/6/18 15599	AH 3/5/18 15672	AH 4/9/18 15774	AH 5/21/18 15910								Section: TBD	AH/WQ 3/29/18 15716							Section: TBD		
LAB		Initials Date W.O.#												Section: TBD	AH 1/11/18 15495							Section: TBD		
MCC		Initials Date W.O.#												Section: TBD								Section: TBD		

Elk Grove Water District

Preventative Maintenance Program

Standby Generators

Item	Monthly												Annual		
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	2018
	Section: TBD	WQ 1/19/18 15479	WQ 2/14/18 15589	WQ 3/9/18 15681	WQ 4/9/18 15775	WQ 5/14/18 15896								Section: TBD	
Railroad	Initials Date W.O. #	WQ 1/19/18 15479	WQ 2/14/18 15589	WQ 3/9/18 15681	WQ 4/9/18 15775	WQ 5/14/18 15896								Section: TBD	
Webb	Initials Date W.O. #	WQ 1/4/18 15480	WQ 2/27/18 15590	AH 3/9/18 15682	WQ 4/9/18 15776	WQ 5/23/18 15897								Section: TBD	
Dino	Initials Date W.O. #	WQ 1/2/18 15481	WQ 2/13/18 15591	WQ 3/7/18 15683	WQ 4/3/18 15777	WQ 5/16/18 15898								Section: TBD	
Hampton	Initials Date W.O. #													Section: TBD	
Admin.	Initials Date W.O. #	WQ 1/31/18 15482	WQ 2/27/18 15592	WQ 3/9/18 15684	AH 4/5/18 15778	AH 5/18/18 15899								Section: TBD	
		= Load Test													

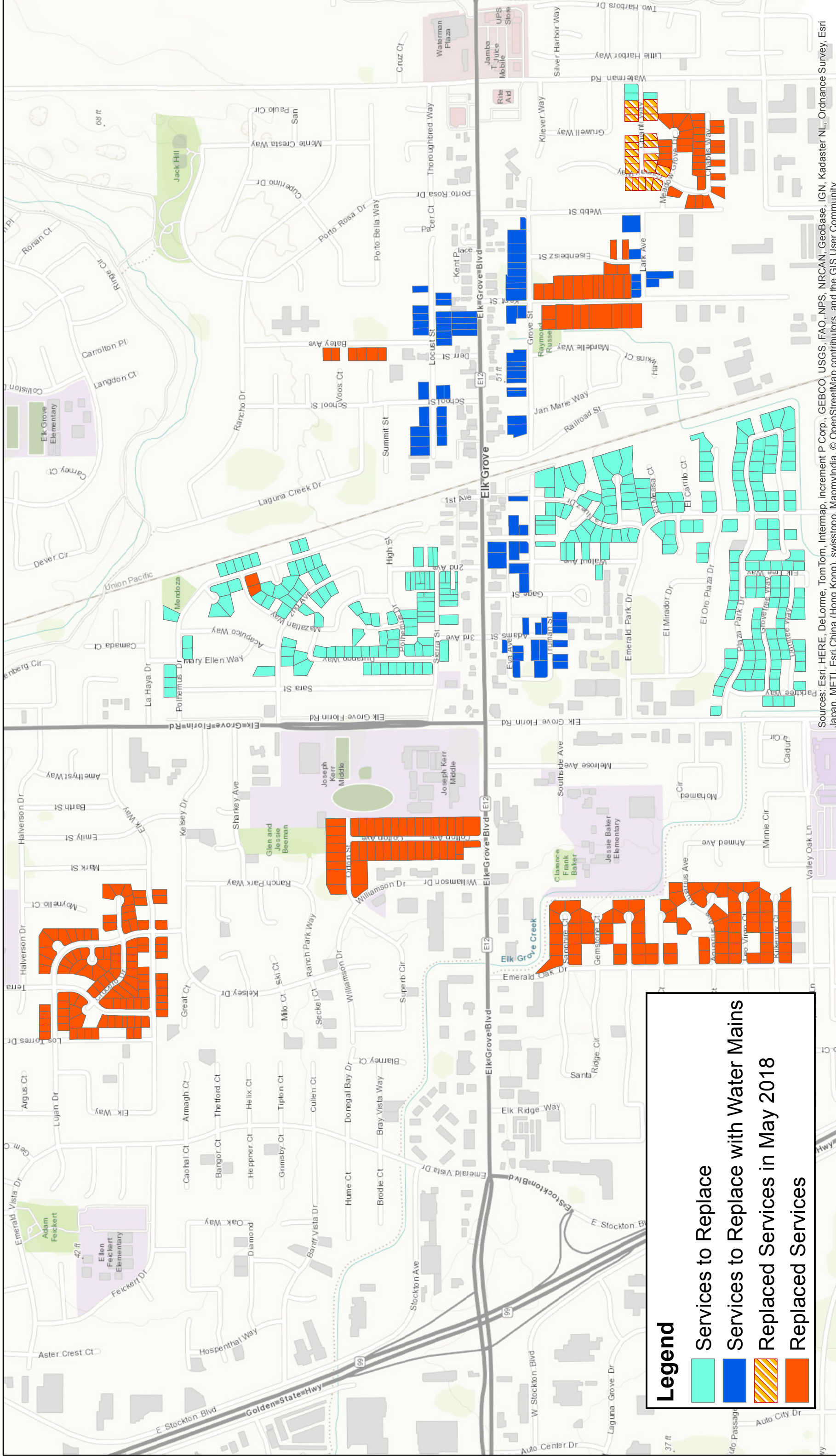
Elk Grove Water District
Backflow Prevention Program 2018

Backflow Device Reports												
CURRENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Notices Issued	42	40	80	15	60							
Assemblies Tested	35	37	49	1	31							
Passed Initial Test	31	30	46	1	31							
Failed Initial Test	4	7	3									
Failed Devices Retested-----Passed	3	7	2									
Investigations or Address Change					2							
Inactivated Devices												
Schedule Code Changed												
Devices Turned Off												
2nd Notices Issued	5	3	32	14	27	0	0	0	0	0	0	0
Monthly Outstanding Delinquents	0	0	0	0	13	0	0	0	0	0	0	0

Total Outstanding Delinquents	13
--------------------------------------	-----------

Elk Grove Water District
 Safety Meetings/Training
 May 2018

Date	Topic	Attendees	Hosted By
5/14/2018	Heat Exhaustion	Alan Aragon, Jose Carrillo, David Frederick, Aaron Hewitt, Sean Hinton, Justin Mello, Jose Mendoza, Salvador Mendoza, Michael Montiel, Chris Phillips, Wilfredo Quintero, Richard Salas, Steve Shaw, John Vance, Brandon Wagner, Marcell Wilson	Sarah Jones
5/24/2018	Injury & Illness Prevention Plan	Alan Aragon, Aurelia Camilo, Jose Carrillo, David Frederick, Aaron Hewitt, Sean Hinton, Bruce Kamilos, Amber Kavert, Patrick Lee, Mark Madison, Denise Maxwell, Justin Mello, Jose Mendoza, Sal Mendoza, Donella Murillo, Chris Phillips, Stefani Phillips, Wilfredo Quintero, Cindy Robertson, William Sadler, Richard Salas, Steve Shaw, John Vance, Brandon Wagner, Tonia Williams, Marcell Wilson	Sarah Jones
5/29/2018	OSHA'S Revised Haz-Com Standard - Safety Data Sheets	Alan Aragon, Jose Carrillo, David Frederick, Aaron Hewitt, Sean Hinton, Justin Mello, Jose Mendoza, Salvador Mendoza, Michael Montiel, Wilfredo Quintero, William Sadler, Richard Salas, Steve Shaw, John Vance, Brandon Wagner, Marcell Wilson	Sarah Jones



Legend

- Services to Replace
- Services to Replace with Water Mains
- Replaced Services
- Replaced Services

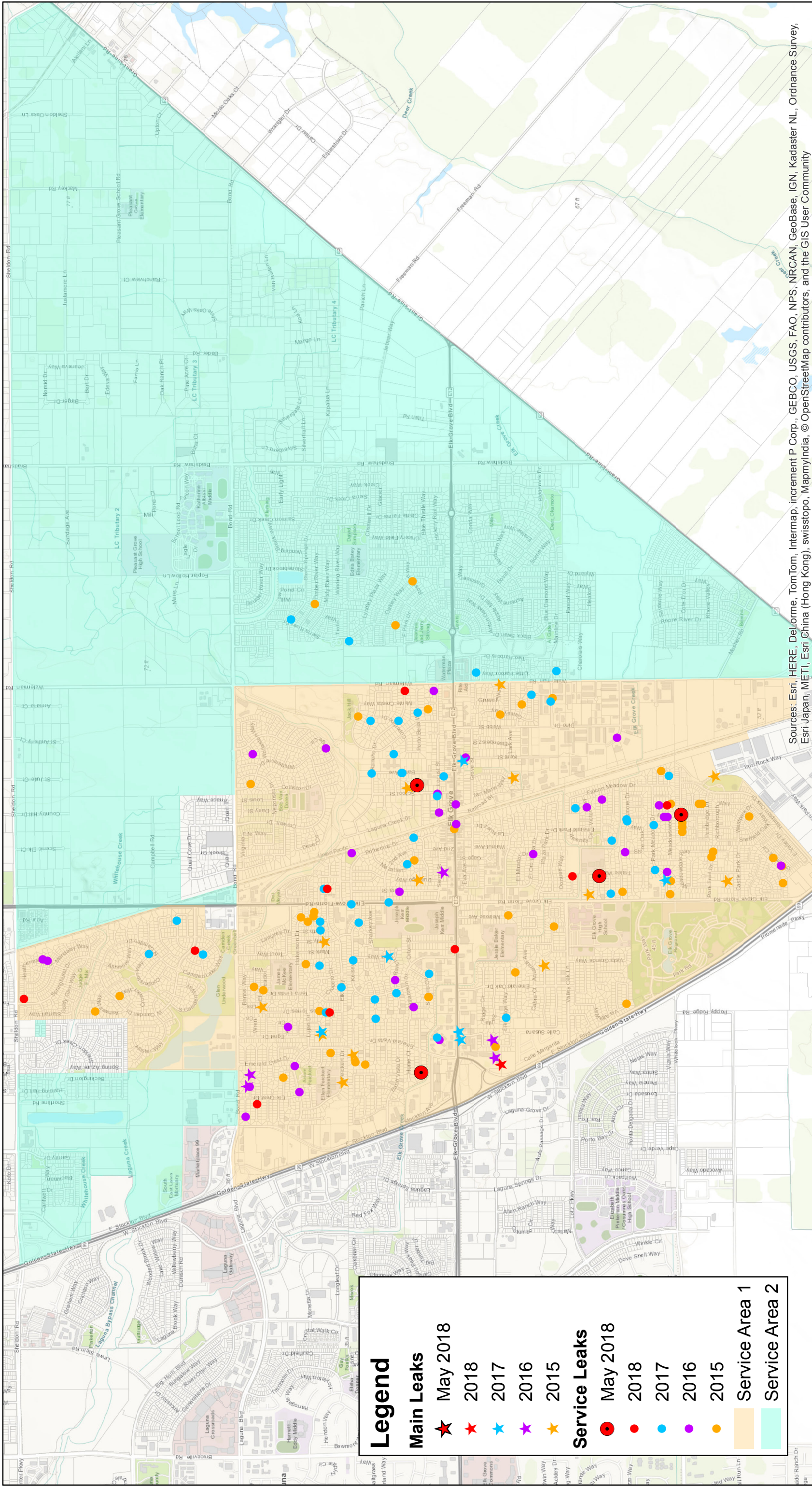
Services to Replace: 268
 Services Replaced in May 2018: 21
 Total Service Replaced: 302

Elk Grove Water District
Service Line Replacement

0 500 1,000 2,000 Feet

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

Projected Coordinate System: NAD 83 State Plane, California II, FIPS 0420
 Source: City of Elk Grove, EGWD and Sacramento County GIS databases
 Created by: Travis Franklin
 Date: June 11, 2018
 44



Legend

Main Leaks

- ★ May 2018
- ★ 2018
- ★ 2017
- ★ 2016
- ★ 2015

Service Leaks

- May 2018
- 2018
- 2017
- 2016
- 2015

Service Area 1 (orange)

Service Area 2 (light green)

May 2018	
Main Line Leaks: 0	YTD: 1
Service Line Leaks: 4	YTD: 13
Total Leaks: 4	YTD: 14

Elk Grove Water District	
Service / Main Leaks	
Created by: Travis Franklin	
Date: June 7, 2018	



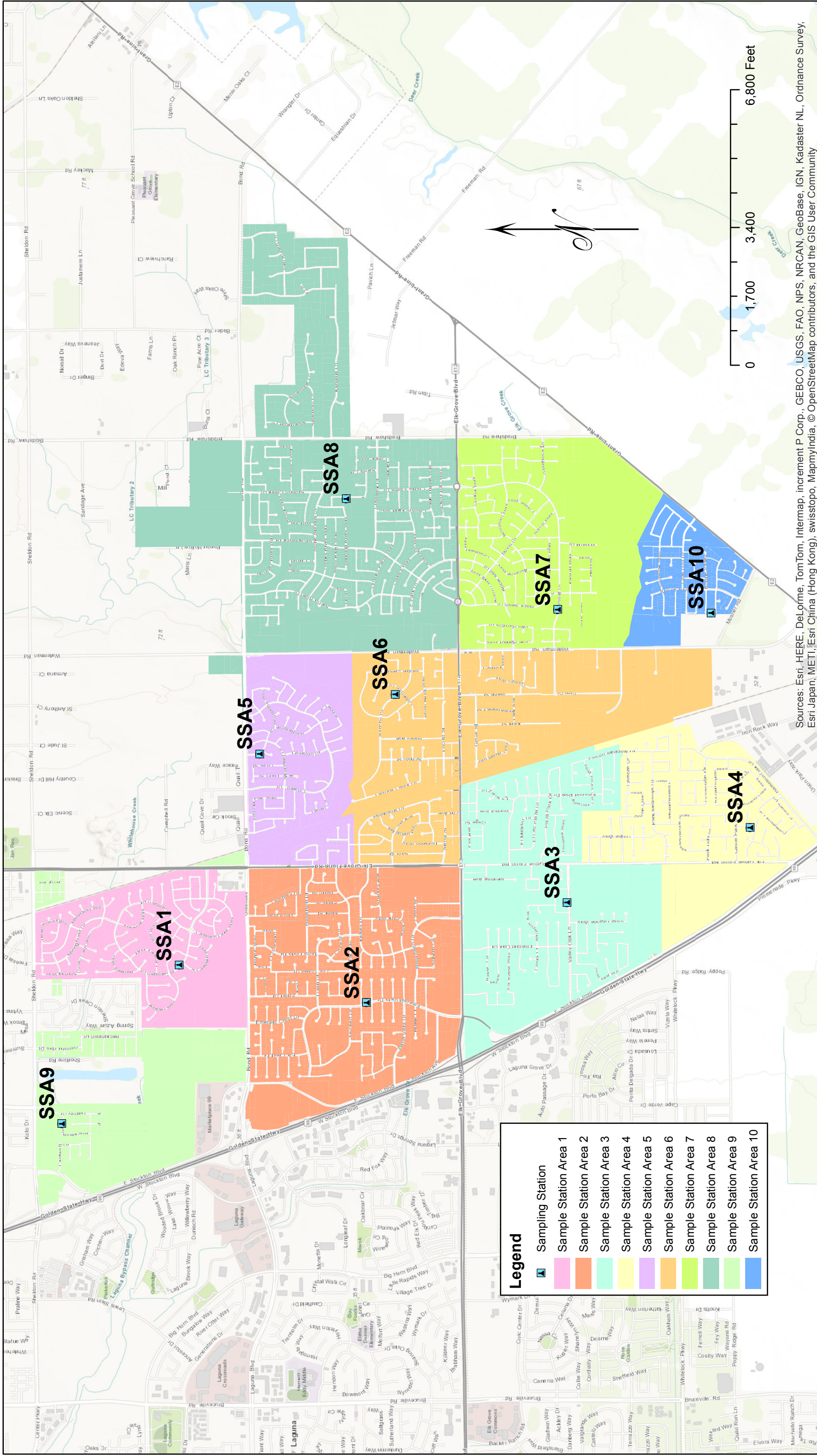
Elk Grove Water District

Main and Service Line Leaks Map





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



Legend

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

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

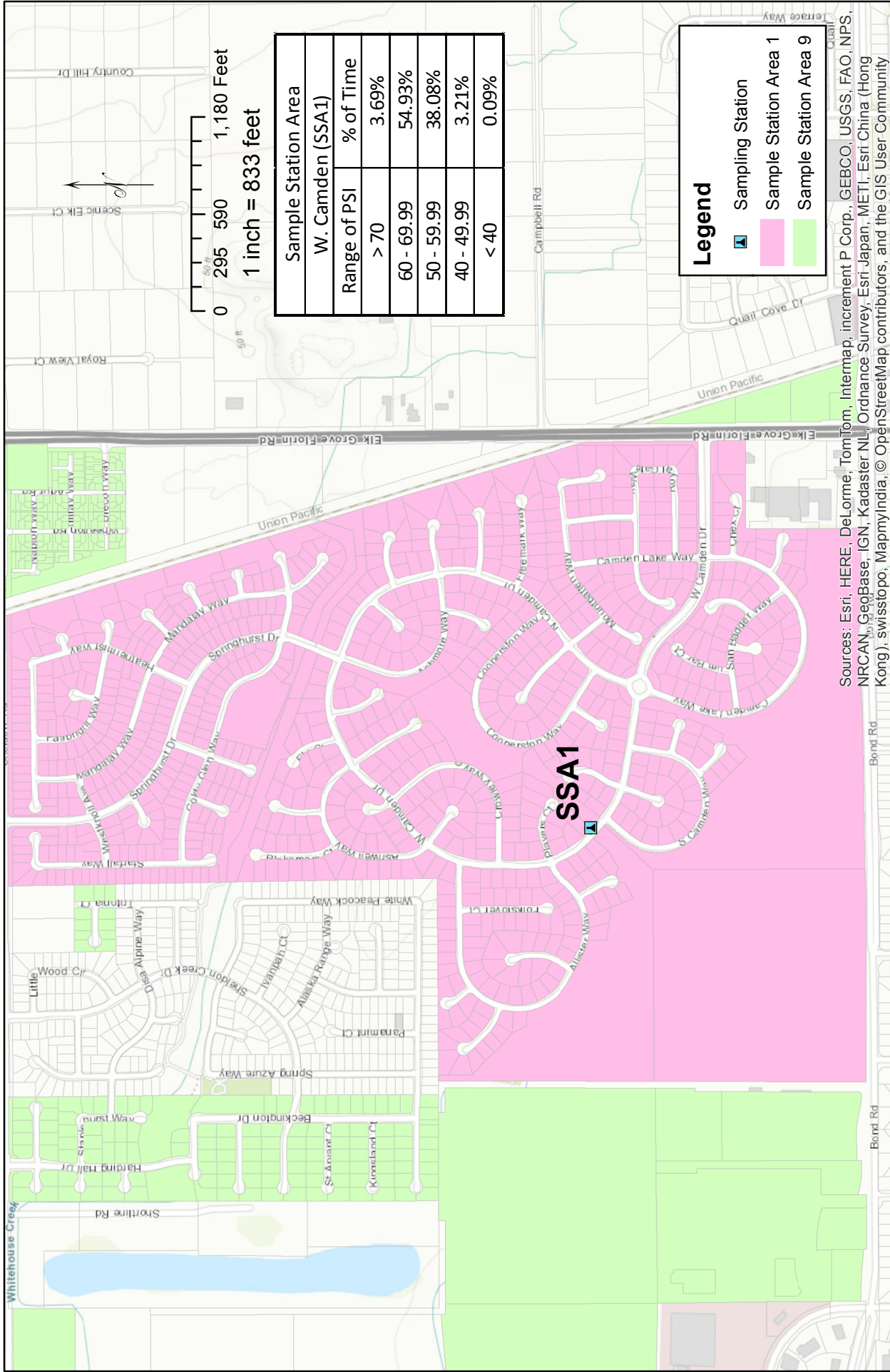
Elk Grove Water District

Sample Station Areas

Sample Stations: 10



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



Sample Station Area	
W. Camden (SSA1)	
Range of PSI	% of Time
> 70	3.69%
60 - 69.99	54.93%
50 - 59.99	38.08%
40 - 49.99	3.21%
< 40	0.09%

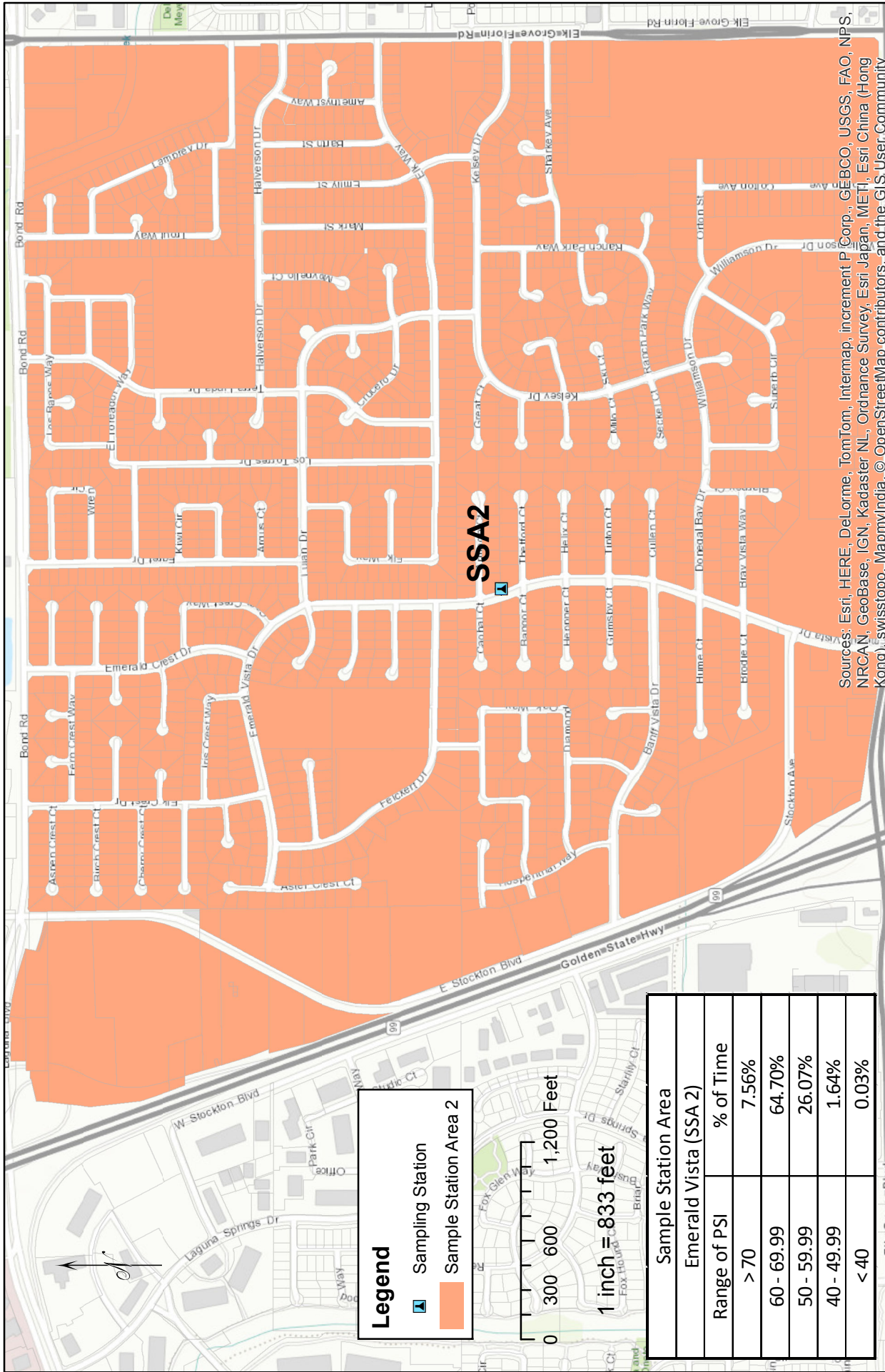
Legend	
	Sampling Station
	Sample Station Area 1
	Sample Station Area 9

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



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

Elk Grove Water District
 System Pressure Monitoring

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



Legend

-  Sampling Station
-  Sample Station Area 2

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

Sample Station Area	% of Time
Emerald Vista (SSA 2)	7.56%
Range of PSI > 70	64.70%
60 - 69.99	26.07%
50 - 59.99	1.64%
40 - 49.99	0.03%
< 40	

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



Elk Grove Water District

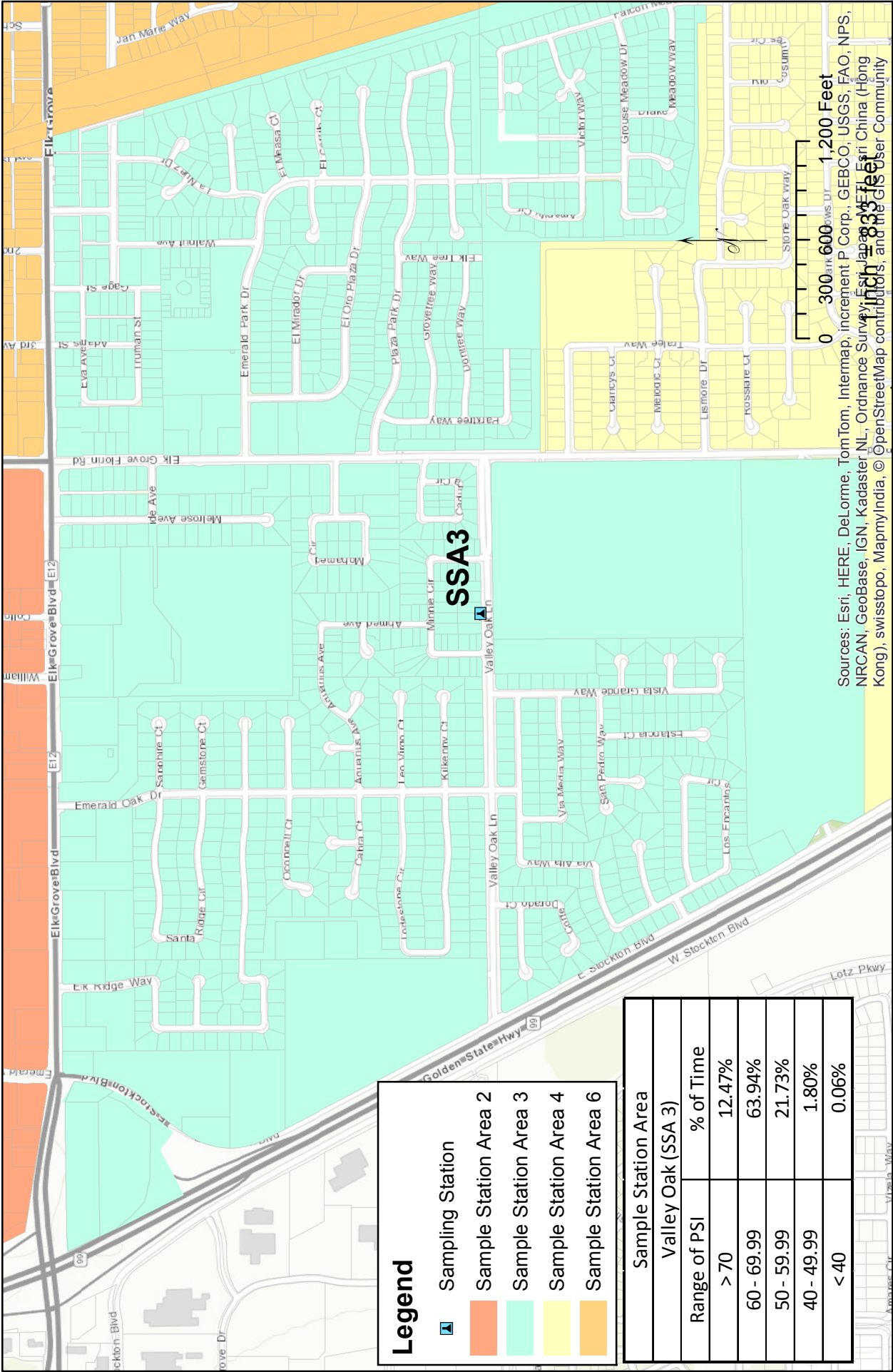
System Pressure Monitoring

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

Sample Station #2

Note: Sample Station takes a reading every 5 minutes.

May 2018



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

Legend

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

Sample Station Area	
Valley Oak (SSA 3)	
Range of PSI	% of Time
> 70	12.47%
60 - 69.99	63.94%
50 - 59.99	21.73%
40 - 49.99	1.80%
< 40	0.06%

Sample Station #3

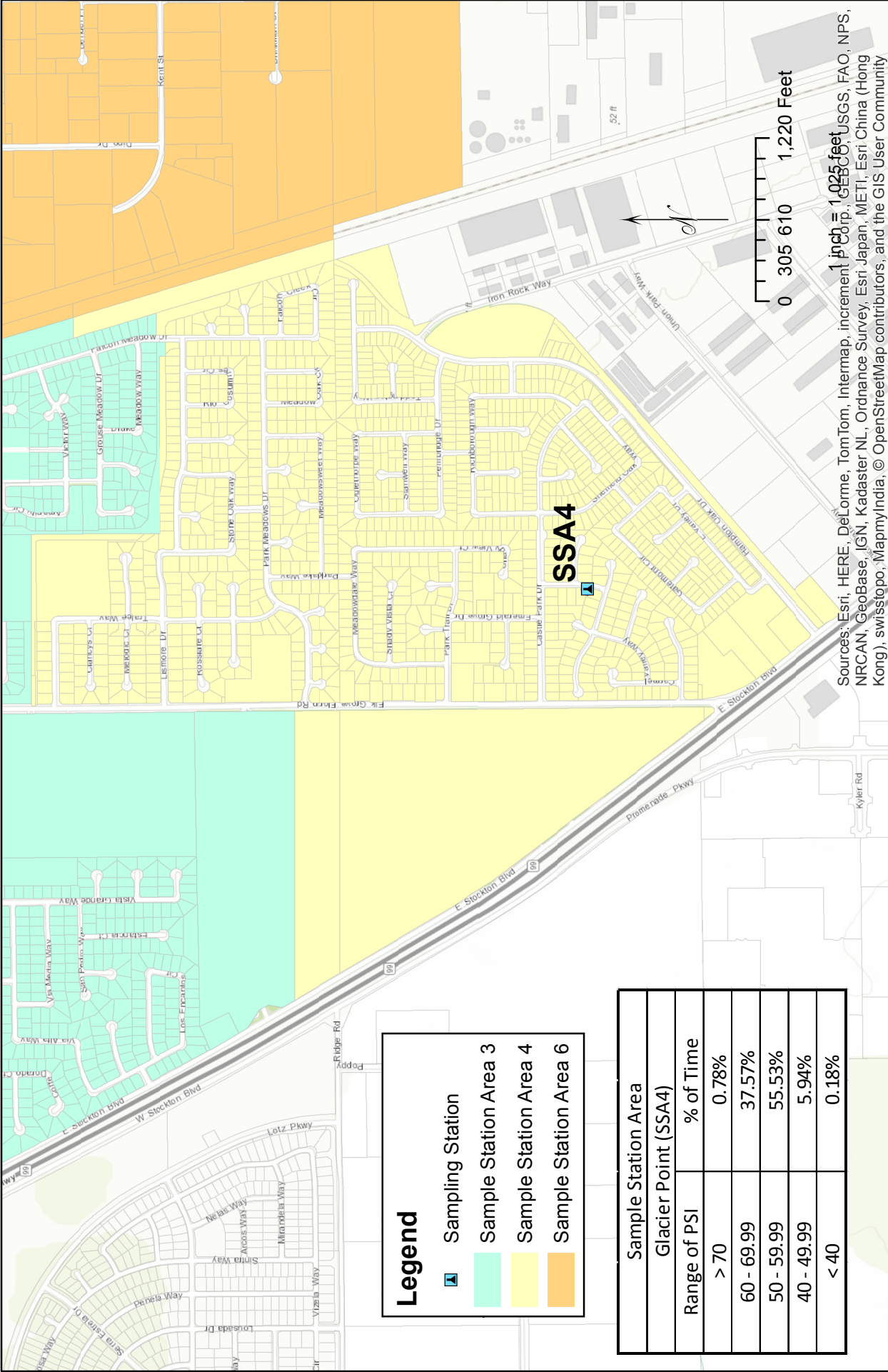
Note: Sample Station takes a reading every 5 minutes.

May 2018



Elk Grove Water District
System Pressure Monitoring

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



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

Legend

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

Sample Station Area	Glacier Point (SSA4)	Range of PSI	% of Time
> 70	0.78%		
60 - 69.99	37.57%		
50 - 59.99	55.53%		
40 - 49.99	5.94%		
< 40	0.18%		



Elk Grove Water District

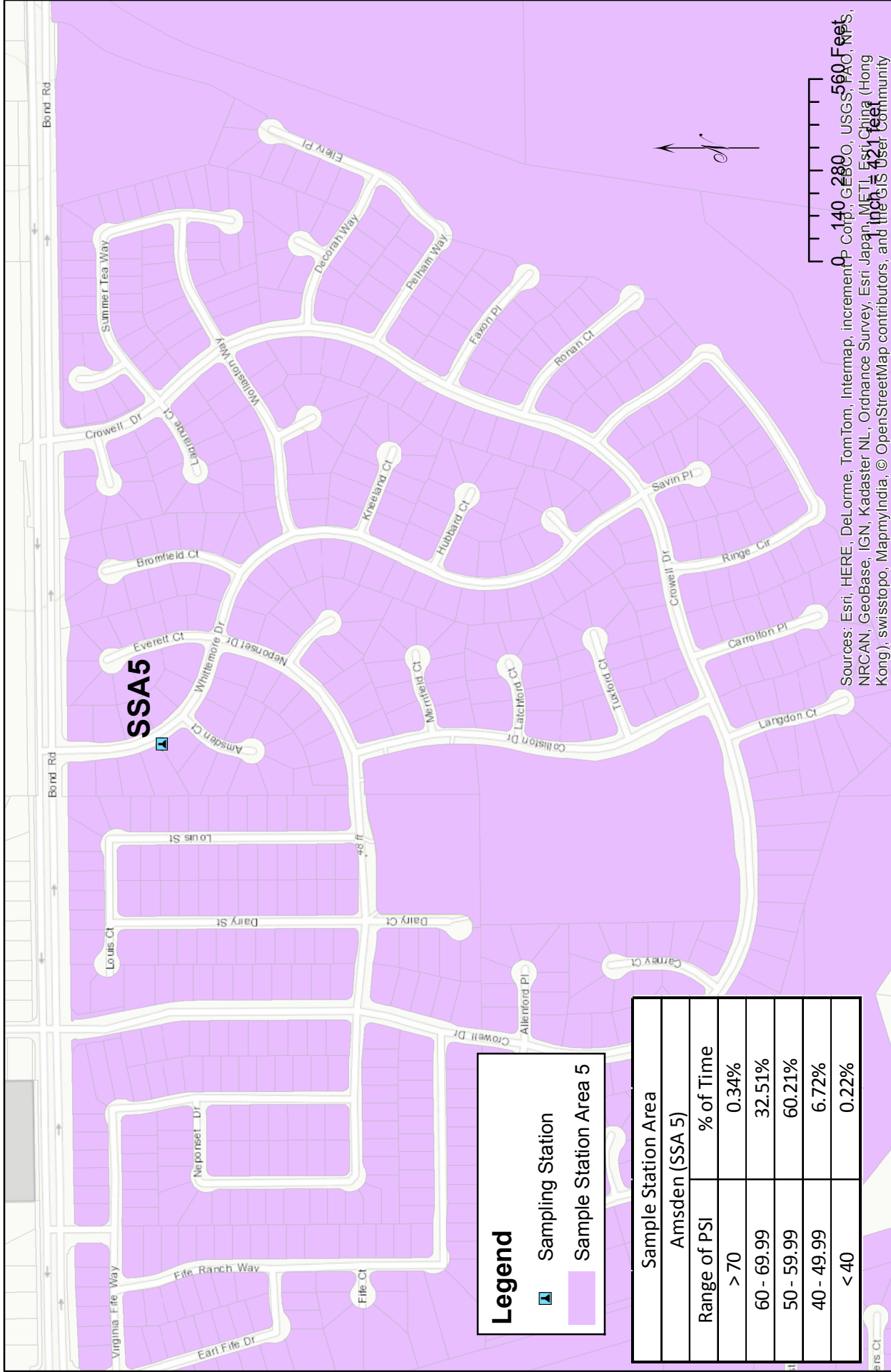
System Pressure Monitoring

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

Sample Station #4

Note: Sample Station takes a reading every 5 minutes.

May 2018



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

Legend

- Sampling Station
- Sample Station Area 5

Sample Station Area	
Amsden (SSA 5)	
Range of PSI	% of Time
> 70	0.34%
60 - 69.99	32.51%
50 - 59.99	60.21%
40 - 49.99	6.72%
< 40	0.22%



Elk Grove Water District

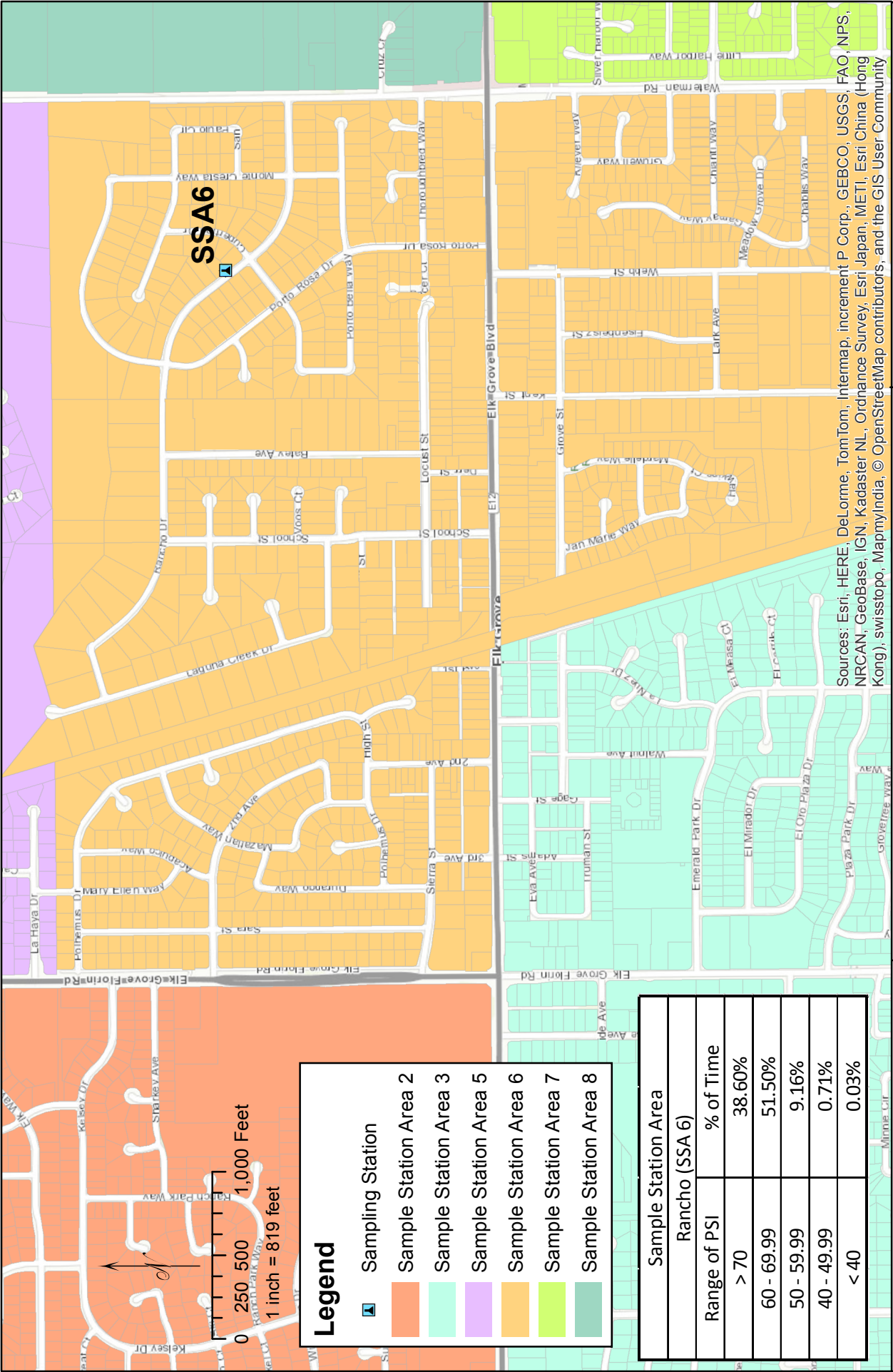
System Pressure Monitoring

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

Sample Station #5

Notes: Sample Station takes a reading every 5 minutes.

May 2018



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

Sample Station Area	Range of PSI	% of Time
Rancho (SSA 6)	> 70	38.60%
	60 - 69.99	51.50%
	50 - 59.99	9.16%
	40 - 49.99	0.71%
	< 40	0.03%



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
June 7, 2018

Sample Station #6

Note: Sample Station takes a reading every 5 minutes.

May 2018

52



Legend

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

Sample Station Area	% of Time
Mainline (SSA 7)	
Range of PSI	
> 70	0.01%
60 - 69.99	67.55%
50 - 59.99	32.42%
40 - 49.99	0.02%
< 40	0.00%



Elk Grove Water District

System Pressure Monitoring

Sample Station #7

Note: Sample Station takes a reading every 5 minutes.

May 2018

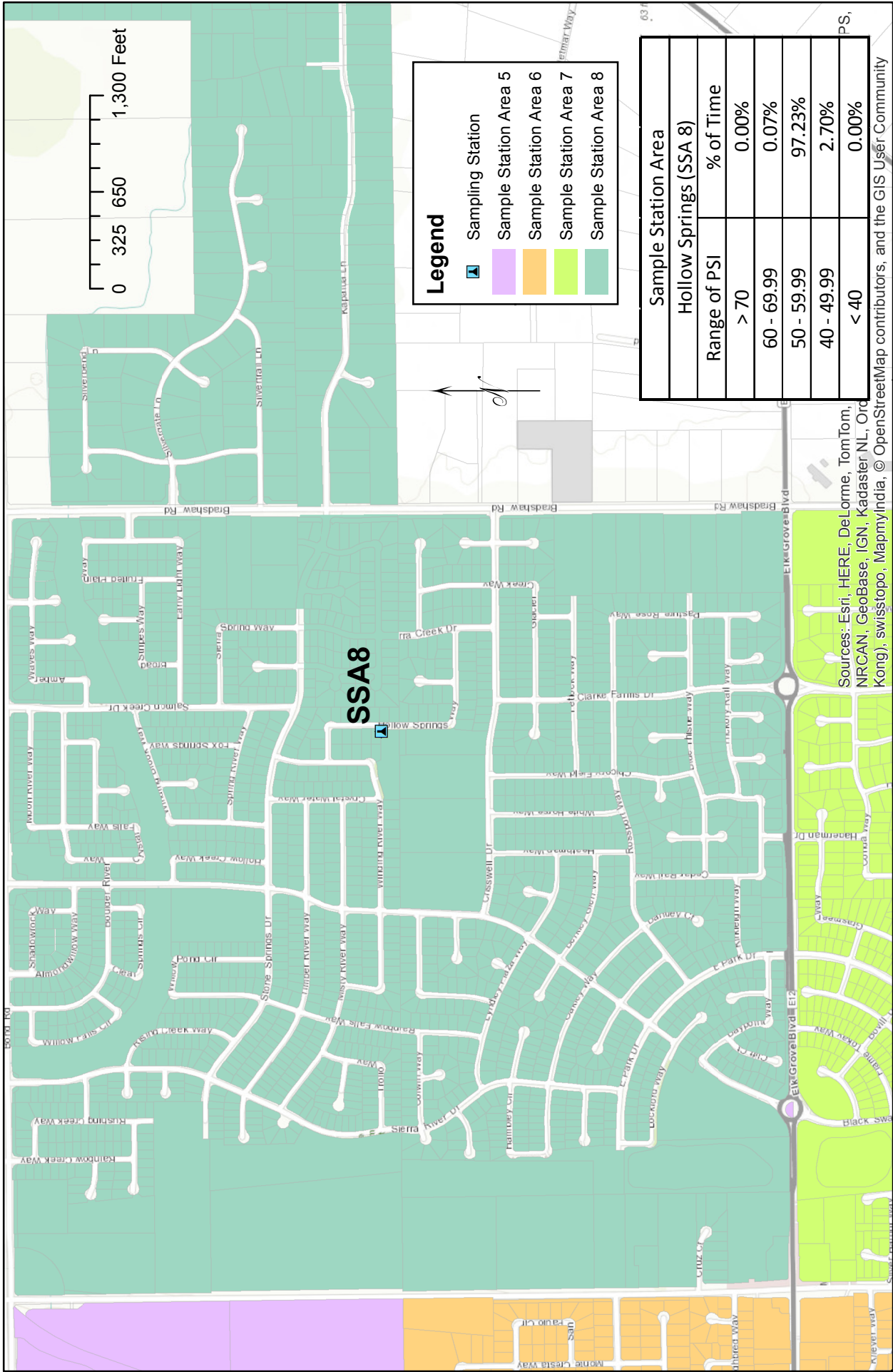
Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402

Source: EGWD GIS database

Created by: Travis Franklin

June 7, 2018

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



Legend

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

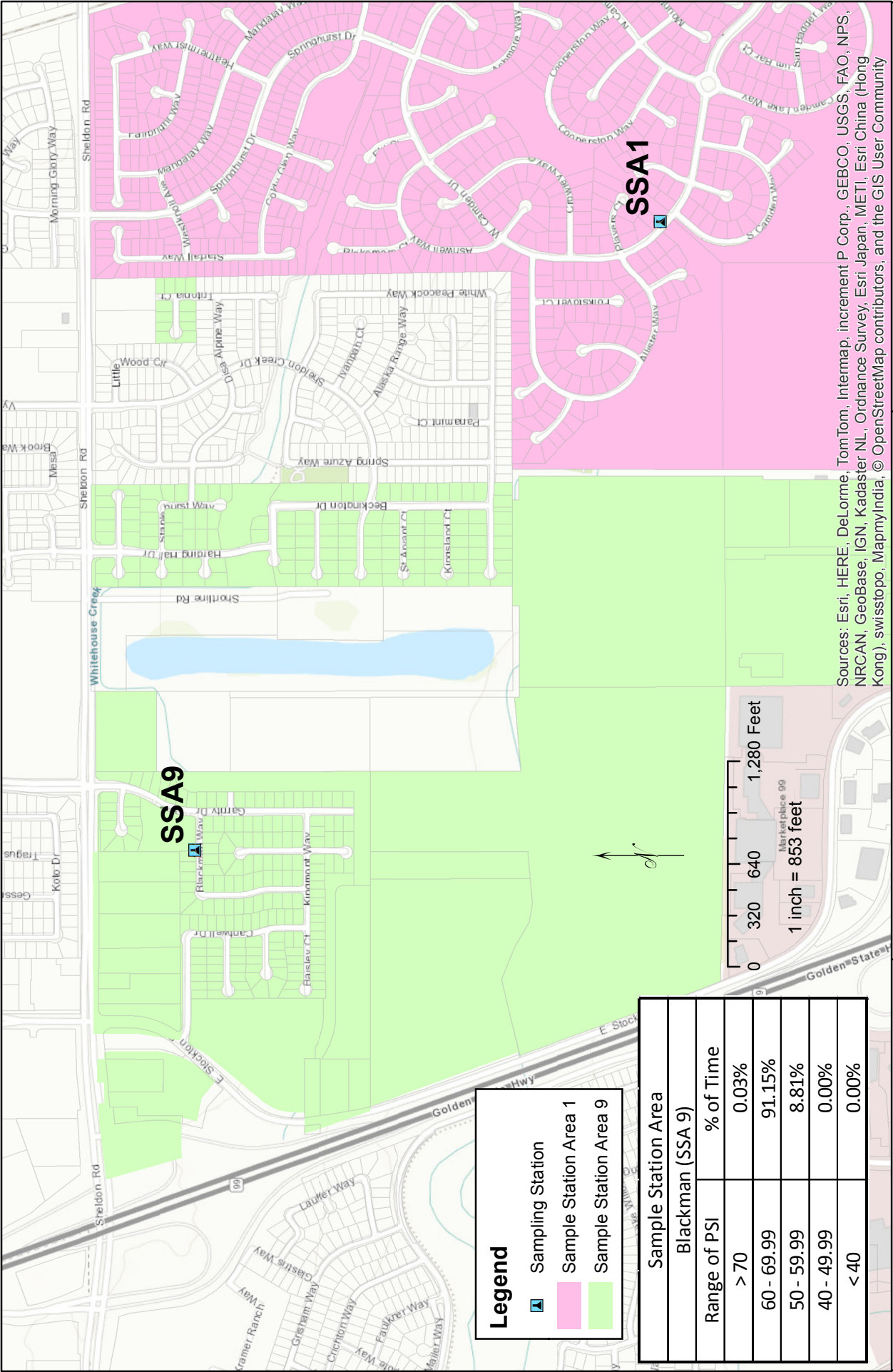
Sample Station Area	
Hollow Springs (SSA 8)	
Range of PSI	% of Time
> 70	0.00%
60 - 69.99	0.07%
50 - 59.99	97.23%
40 - 49.99	2.70%
< 40	0.00%

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

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

Elk Grove Water District
 System Pressure Monitoring

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



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

Legend

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

Sample Station Area	Blackman (SSA 9)	Range of PSI	% of Time
> 70			0.03%
60 - 69.99			91.15%
50 - 59.99			8.81%
40 - 49.99			0.00%
< 40			0.00%

Sample Station #9

Note: Sample Station takes a reading every 5 minutes.

May 2018



Elk Grove Water District
System Pressure Monitoring

Projected coordinate system:
NAD 83 State Plane CA II FIPS 0402
Source: EGWD GIS database
Created by: Travis Franklin
June 7, 2018



Legend

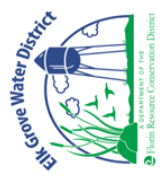
- Sampling Station
- Sample Station Area 4
- Sample Station Area 6
- Sample Station Area 7
- Sample Station Area 10

Sample Station Area	
Range of PSI	% of Time
> 70	13.69%
60 - 69.99	86.20%
50 - 59.99	0.11%
40 - 49.99	0.00%
< 40	0.00%

Sample Station #10

Note: Sample Station takes a reading every 5 minutes.

May 2018



Elk Grove Water District
System Pressure Monitoring

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

Source: EGWD GIS database
Created by: Travis Franklin
June 7, 2018

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

June 20, 2018

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Bruce M. Kamilos, Assistant General Manager

SUBJECT: **ELK GROVE WATER DISTRICT FISCAL YEAR 2019-23 CAPITAL IMPROVEMENT PROGRAM**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors adopt Resolution 06.20.18.01 approving the Elk Grove Water District Fiscal Year 2019-23 Capital Improvement Program and approving an appropriation of \$1,314,000 from designated reserve funds to the Fiscal Year 2018-19 Capital Improvement Program budget.

Summary

The Fiscal Year 2019-23 Capital Improvement Program (FY 2019-23 CIP) describes capital improvement projects planned by the Elk Grove Water District (District) over the next five fiscal years. District staff presented the FY 2019-23 CIP at the Infrastructure Committee meeting on April 11, 2018. Comments and recommendations from that meeting have been incorporated into the FY 2019-23 CIP. The final version of the FY 2019-23 CIP (attached) is being presented to the Board of Directors for adoption.

DISCUSSION

Background

The FY 2019-23 CIP describes capital improvement projects planned by the District over the next five fiscal years. The CIP serves as a blueprint for the development, rehabilitation, and replacement of the District's water system infrastructure, and other facilities owned and operated by the District. District staff presented the FY 2019-23 CIP to the Infrastructure Committee on April 11, 2018. Comments and recommendations from that meeting have been incorporated into the final version of the FY 2019-23 CIP.

ELK GROVE WATER DISTRICT FISCAL YEAR 2019-23 CAPITAL IMPROVEMENT PROGRAM

Page 2

Present Situation

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

- The timing of the water main replacement projects has been adjusted to more equally balance the work load.
- The schedule of the Backyard Water Mains/Services Replacement project has been revised to a two-year schedule as this project was not started as originally planned in the current fiscal year.
- The Chlorine Tank Replacement ClorTec Room project has been eliminated from the CIP. The chlorine tank was inspected by D&T Fiberglass on March 27, 2018 and determined that condition of the tank is good. The Chlorine Tank Replacement had been budgeted for \$80,000.
- The budget for the RRWTF Parking Lot Repaving project has been increased from \$50,000 to \$90,000 based on a more accurate assessment of the areas in need of repaving and current paving costs.

New Projects

- Water Meter Replacement Program
- Grove St. Water Main
- RRWTF Generator PLC / SCADA Upgrade
- Hampton WTP Generator Removal
- Vacuum Excavator
- Directional Drilling Machine
- I.T. Servers

The final version of the FY 2019-23 CIP is being presented to the Board of Directors for adoption. Although the FY 2019-23 CIP is a 5-year program, the capital improvement program is funded on a year-to-year basis. District staff, therefore, requests that the Board approve an appropriation of \$1,314,000 from designated reserve funds to the FY 2018-19 CIP budget.

ELK GROVE WATER DISTRICT FISCAL YEAR 2019-23 CAPITAL IMPROVEMENT PROGRAM

Page 3

ENVIRONMENTAL CONSIDERATIONS

The adoption of the FY 2019-23 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 2019-23 CIP will be addressed in the future consistent with California Environmental Quality Act (CEQA). Staff reports requesting authorization from the Board of Directors to proceed will address environmental considerations at that time.

STRATEGIC PLAN CONFORMITY

The recommendation made in this staff report conforms to FRCD/EGWD's Strategic Plan. As part of ensuring financial stability, the Strategic Plan directs the District to address capital needs through the development of a multi-year capital improvement program with "pay-as-you-go" funding.

FINANCIAL SUMMARY

The financial impact of the FY 2019-23 CIP on capital funds is \$6,705,000 over five fiscal years. A breakdown by year of capital funds required is as follows.

FY 2018-19	\$1,314,000
FY 2019-20	\$1,338,000
FY 2020-21	\$1,360,000
FY 2021-22	\$1,323,000
<u>FY 2022-23</u>	<u>\$1,370,000</u>
Total	\$6,705,000

To fund the FY 2018-19 CIP, District staff requests that the Board approve an appropriation of \$1,314,000 from designated reserves to the FY 2018-19 CIP budget.

Respectfully submitted,



BRUCE M. KAMILOS
ASSISTANT GENERAL MANAGER

Attachment

RESOLUTION No. 06.20.18.01

**RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT
BOARD OF DIRECTORS ADOPTING THE ELK GROVE WATER DISTRICT
FISCAL YEAR 2019-23 CAPITAL IMPROVEMENT PROGRAM AND APPROVING
AN APPROPRIATION OF \$1,314,000 FROM DESIGNATED RESERVE FUNDS TO
THE FISCAL YEAR 2018-19 CAPITAL IMPROVEMENT PROGRAM BUDGET**

WHEREAS, the Elk Grove Water District Fiscal Year 2019-23 Capital Improvement Program (hereinafter “FY 2019-23 CIP”) has been presented to the Infrastructure Committee on April 11, 2018 for review; and

WHEREAS, District staff have incorporated the comments and recommendations from the above mentioned meeting into the final version of the Elk Grove Water District FY 2019-23 CIP; and

WHEREAS, the adoption of the Elk Grove Water District FY 2019-23 CIP does not in and of itself have a physical effect on the environment. Any environmental considerations related to the projects contained in the Elk Grove Water District FY 2019-23 CIP will be addressed in the future consistent with the California Environmental Quality Act (CEQA); and

WHEREAS, the adoption of the Elk Grove Water District FY 2019-23 CIP conforms to Florin Resource Conservation District/Elk Grove Water District’s Strategic Plan. The Strategic Plan directs the District to address capital needs through the development of a multi-year capital improvement program with “pay-as-you-go” funding; and

WHEREAS, the financial impact of the Elk Grove Water District FY 2019-23 CIP on capital funds is \$6,705,000 over the next five fiscal years, the actual commitment of CIP funds is done on a year-to-year basis with \$1,314,000 being requested for the FY 2018-19 Capital Improvement Program.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the District as follows:

Section 1. The Board of Directors hereby adopts the Elk Grove Water District Fiscal Year 2019-23 Capital Improvement Program.

Section 2. The Board of Directors hereby appropriates \$1,314,000 from designated reserve funds to the Fiscal Year 2018-19 Capital Improvement Program Budget.

Section 3. The Secretary to the Board shall certify to the passage and adoption of this resolution and the same shall take effect and be in force upon its adoption.

APPROVED AND ADOPTED this 20th day of June, 2018.

AYES:
NOES:
ABSENT:
ABSTAIN:

Tom Nelson
Chairperson of the Board of Directors

ATTEST:

Stefani Phillips
Board Secretary

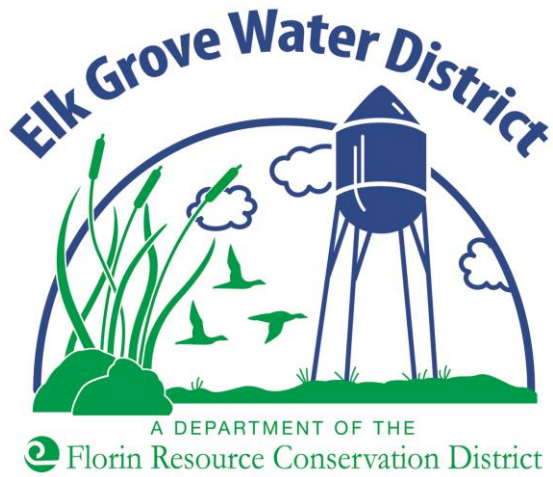
APPROVED AS TO FORM:

General Counsel

EXHIBIT “A”

“ELK GROVE WATER DISTRICT FY 2019-23 CAPITAL IMPROVEMENT PROGRAM.”

[Attached behind this cover page]



FY 2019-23 CAPITAL IMPROVEMENT PROGRAM

BOARD OF DIRECTORS

Tom Nelson, Chairperson

Bob Gray, Vice Chairperson

Lisa Medina, Director

Sophia Scherman, Director

Jeanne Sabin, Director

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OVERVIEW

The Elk Grove Water District's (District) FY 2019-23 Five-Year Capital Improvement Program (CIP) is a projection of the District's capital funding for planned capital projects in fiscal years 2018/19 through 2022/23. 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.

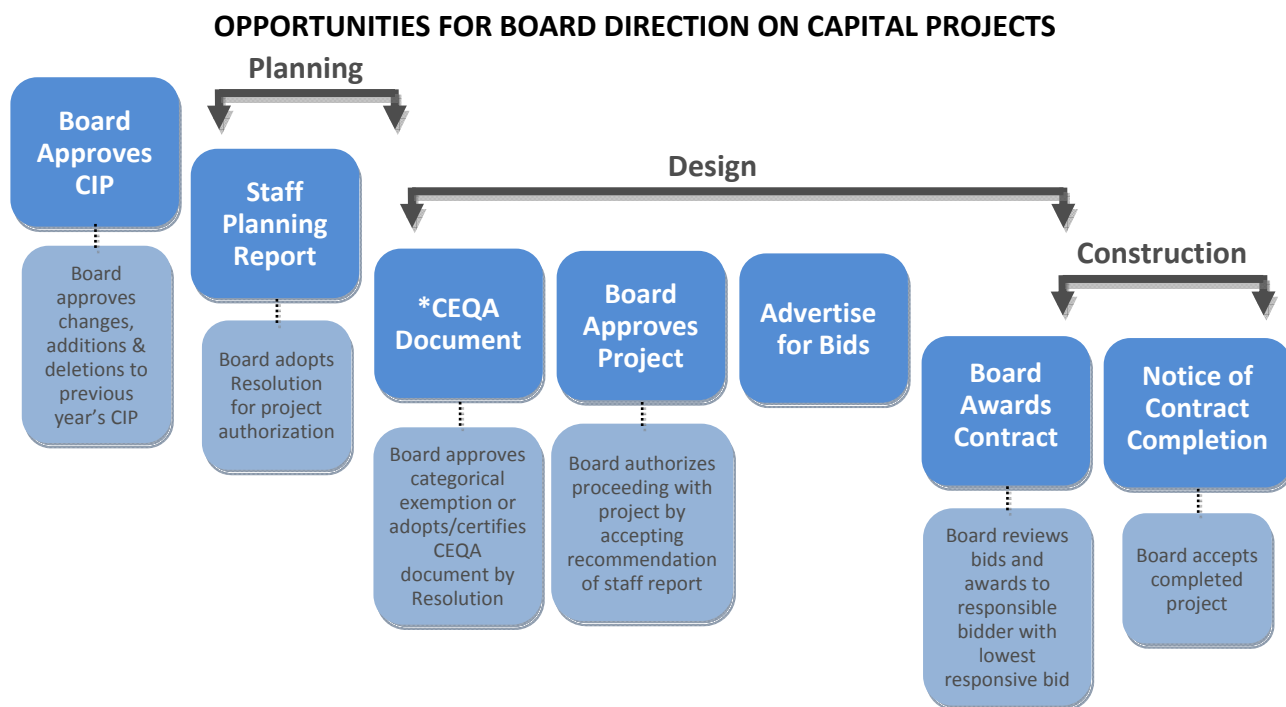
Annually, District staff members and the General Manager meet to identify projects to be included in the CIP. Each project defined in the CIP is summarized by a brief project description and justification. The project location, timing, expenditure schedule, funding source, impact on operating costs and 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 2018/19 through 2022/23. 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	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	Total
METER RETROFIT PROGRAM							
2	Water Meter Replacement Program <i>pg. 10</i>	-	-	-	-	300	300
SUPPLY / DISTRIBUTION IMPROVEMENTS							
3	Truman St./Adams St. Water Main <i>pg. 12</i>	-	-	-	-	240	240
3	School/Locust/Summit Alley Water Main <i>pg. 14</i>	-	-	495	-	-	495
3	Elk Grove Blvd Grove St. Alley Water Main <i>pg. 16</i>	-	-	-	290	-	290
3	Locust St.-Elk Grove Blvd Alley/Derr St. Water Main <i>pg. 18</i>	-	-	210	-	-	210
4	Elk Grove Blvd Water Main <i>pg. 20</i>	-	-	-	500	-	500
2	Lark St. Water Main <i>pg. 22</i>	-	-	225	-	-	225
3	Grove St. Water Main <i>pg. 24</i>	-	-	-	-	275	275
1	Well Rehabilitation Program <i>pg. 26</i>	-	98	-	103	-	201
2	Railroad Corridor Water Line <i>pg. 28</i>	-	-	-	-	75	75
3	Backyard Water Mains/Services Replacement <i>pg. 30</i>	734	950	-	-	-	1,684
3	Cadura Circle Water Main Looping <i>pg. 32</i>	-	-	-	-	30	30
3	Mormon Church Water Main Looping <i>pg. 34</i>	-	-	-	-	70	70
3	Kilkenny Ct. Water Main <i>pg. 36</i>	-	-	-	135	-	135
3	Leo Virgo Ct. Water Main <i>pg. 38</i>	-	-	-	-	135	135
TREATMENT IMPROVEMENTS							
1	RRWTF Generator PLC / SCADA Upgrade <i>pg. 40</i>	35	-	-	-	-	35
1	Well 3 Pump Replacement /VFD <i>pg. 42</i>	180	-	-	-	-	180
5	Hampton WTP Generator Removal <i>pg. 44</i>	25	-	-	-	-	25
BUILDING & SITE IMPROVEMENTS / VEHICLES							
3	Truck Replacements <i>pg. 46</i>	115	160	160	120	145	700
4	HVWTP Roof Replacement <i>pg. 48</i>	-	-	20	-	-	20
2	RRWTF Parking Lot Repaving <i>pg. 50</i>	90	-	-	-	-	90
2	Vacuum Excavator <i>pg. 52</i>	-	-	-	75	-	75
2	Directional Drilling Machine <i>pg. 54</i>	-	-	150	-	-	150
1	I.T. Servers <i>pg. 56</i>	35	30	-	-	-	65
UNFORESEEN CAPITAL PROJECTS							
	Unforeseen Capital Projects <i>pg. 58</i>	100	100	100	100	100	500
TOTAL		1,314	1,338	1,360	1,323	1,370	6,705

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 4H provide supporting data for Table 2. Tables 4A through 4H 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	FY17/18	FY18/19	FY19/20	FY20/21	FY21/22	Total
CAPITAL IMPROVEMENT FUNDS						
Meter Retrofit Program	-	-	-	-	300	300
Supply/Distribution Improvements	-	-	-	500	175	675
Treatment Improvements	240	-	-	-	-	240
Building & Site Improvements/Vehicles	150	190	310	195	145	990
SUB-TOTAL	390	190	310	695	620	2,205
CAPITAL REPAIR/REPLACEMENT FUNDS						
Supply/Distribution Improvements	734	1,048	930	528	650	3,890
Treatment Improvements	-	-	-	-	-	0
Building & Site Improvements/Vehicles	90	-	20	-	-	110
SUB-TOTAL	824	1,048	950	528	650	4,000
UNFORESEEN CAPITAL PROJECT FUNDS						
Unforeseen Capital Projects	100	100	100	100	100	500
SUB-TOTAL	100	100	100	100	100	500
TOTAL	1,314	1,338	1,360	1,323	1,370	6,705

Table 3
Funding Source Requirements
Connection Fees

FUND	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
CAPITAL IMPROVEMENT FUNDS						
Supply/Distribution Improvements	-	-	-	-	-	0
Treatment Improvements	-	-	-	-	-	0
TOTAL	0	0	0	0	0	0

Table 4A
 Schedule of User Fees
 Meter Retrofit Program
 Capital Improvement Funds

CAPITAL IMPROVEMENT FUND	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	Total
METER RETROFIT PROGRAM						
Water Meter Replacement Program	-	-	-	-	300	300
TOTAL	0	0	0	0	300	300

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

CAPITAL IMPROVEMENT FUND	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	Total
SUPPLY / DISTRIBUTION IMPROVEMENTS						
Elk Grove Blvd Water Main	-	-	-	500	-	500
Railroad Corridor Water Line	-	-	-	-	75	75
Cadura Circle Water Main Looping	-	-	-	-	30	30
Mormon Church Water Main Looping	-	-	-	-	70	70
TOTAL	0	0	0	500	175	675

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

CAPITAL IMPROVEMENT FUND	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	Total
TREATMENT IMPROVEMENTS						
RRWTF Generator PLC / SCADA Upgrade	35	-	-	-	-	35
Well 3 Pump Replacement/VFD	180	-	-	-	-	180
Hampton WTP Generator Removal	25	-	-	-	-	25
TOTAL	240	0	0	0	0	240

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

CAPITAL IMPROVEMENT FUND	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	Total
BUILDING & SITE IMPROVEMENTS						
Truck Replacements	115	160	160	120	145	700
Vacuum Excavator	-	-	-	75	-	75
Directional Drilling Machine	-	-	150	-	-	150
I.T. Servers	35	30	-	-	-	65
TOTAL	150	190	310	195	145	990

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

CAPITAL REPAIR/REPLACEMENT	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	Total
SUPPLY / DISTRIBUTION IMPROVEMENTS						
Truman St./Adams St. Water Main	-	-	-	-	240	240
School/Locust/Summit Alley Water Main	-	-	495	-	-	495
Elk Grove Blvd Grove St. Alley Water Main	-	-	-	290	-	290
Locust St.-Elk Grove Blvd Alley/Derr St. Water M	-	-	210	-	-	210
Lark St. Water Main	-	-	225	-	-	225
Grove St. Water Main	-	-	-	-	275	275
Well Rehabilitation Program	-	98	-	103	-	201
Backyard Water Mains/Services Replacement	734	950	-	-	-	1684
Kilkenny Ct. Water Main	-	-	-	135	-	135
Leo Virgo Ct. Water Main	-	-	-	-	135	135
TOTAL	734	1,048	930	528	650	3,890

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

CAPITAL REPAIR/REPLACEMENT	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	Total
TREATMENT IMPROVEMENTS						
None	-	-	-	-	-	0
TOTAL	0	0	0	0	0	0

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

CAPITAL REPAIR/REPLACEMENT	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	Total
BUILDING & SITE IMPROVEMENTS						
HWTP Roof Replacement	-	-	20	-	-	20
RRWTF Parking Lot Repaving	90	-	-	-	-	90
TOTAL	90	0	20	0	0	110

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

UNFORESEEN CAPITAL PROJECTS	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	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		FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	Total
SUPPLY / DISTRIBUTION IMPROVEMENTS							
None		-	-	-	-	-	0
	TOTAL	0	0	0	0	0	0

Table 5B
 Schedule of Connection Fees
 Treatment Improvements

CAPITAL IMPROVEMENT FUND		FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	Total
TREATMENT IMPROVEMENTS							
None		-	-	-	-	-	0
	TOTAL	0	0	0	0	0	0

Project	Water Meter Replacement Program
Funding Type	Capital Improvement Funds
Program	Meter Retrofit Program
Priority	2
Project No.	TBD



PROJECT DESCRIPTION

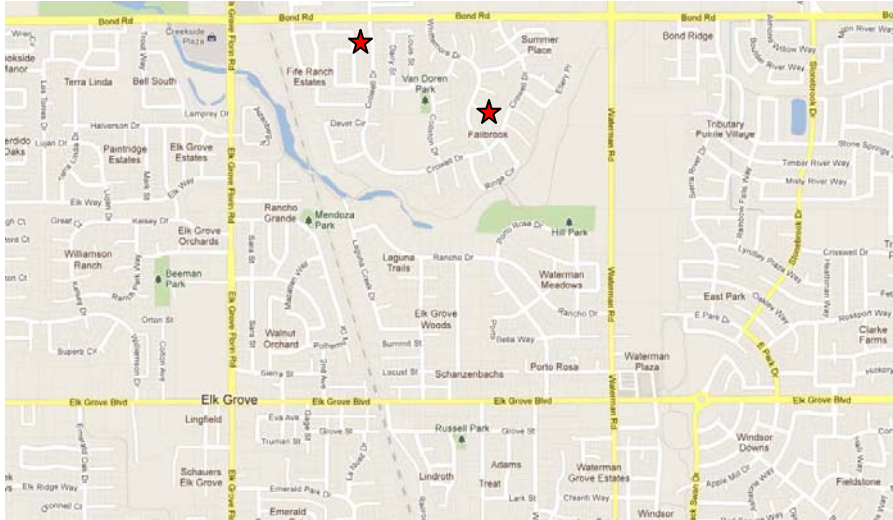
This project uses District employee personnel to replace water meters on customer services that are beyond their useful life. The project will be conducted in three phases, with Phase I replacing approximately 1,500 meters.

JUSTIFICATION

Water meters have a typical useful life of 20-25 years. The internal parts of water meters that have been in service for this period of time can become worn, affecting the accuracy of the meters. By year 2022, one-third of the District’s meters, or approximately 4,500 meters, will be 20-plus years old.

PROJECT LOCATION

The meter replacement project will cover the Camden, Fallbrook and Hampton areas, as well as other areas that are determined to be 20-plus years old.



★ Project Location

SCHEDULE & STATUS

This project is scheduled to be completed in FY 2022/23.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Water Meter Replacement Program	0	0	0	0	267	267
with inflation (3%)	0	0	0	0	300	200

Expenditure breakdown: no design costs, 100% construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Meter Retrofit Program	300
Total	300

OPERATING COST IMPACTS

The completion of this project is anticipated to increase revenue by \$38,000 per year as a result of improving water consumption accuracy by 3%.

USEFUL LIFE: 20 years

Project	Truman St./Adams St. Water Main
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	3
Project No.	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 provided looped service.

PROJECT LOCATION

The project is located on Truman Street and Adams Street.



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

SCHEDULE & STATUS

Construction of this project is scheduled to occur in FY 2022/23.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Truman St./Adams St. Water Main	0	0	0	0	213	213
with inflation (3%)	0	0	0	0	240	240

Expenditure breakdown: \$6,000 design, \$234,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	240
Total	240

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. It is estimated that the elimination of future leaks will result in an annual savings of \$1,200.

USEFUL LIFE: 125 years

Project	School/Locust/Summit Alley Water Main
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	3
Project No.	TBD



PROJECT DESCRIPTION

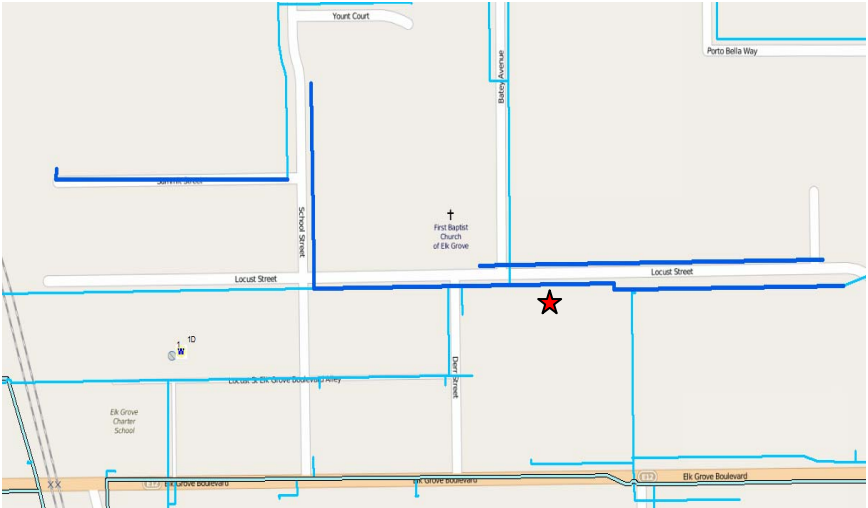
This project installs approximately 225 lineal feet of 8” C900 PVC water main in School Street, 1,300 lineal feet of 8” C900 PVC water main in Locust Street, and 625 lineal feet of 8” C900 PVC water main in Summit St. Alley for a total 2,150 lineal feet of 8” C900 PVC water main.

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

Construction of this project is scheduled to occur in FY 2020/21.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
School/Locust/Summit Alley Water Main	0	0	467	0	0	467
with inflation (3%)	0	0	495	0	0	495

Expenditure breakdown: \$9,000 design, \$486,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	495
Total	495

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. It is estimated that the elimination of future leaks will result in an annual savings of \$1,200.

USEFUL LIFE: 125 years

Project	Elk Grove Blvd Grove St. Alley Water Main
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	3
Project No.	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

Construction of this project is scheduled to occur in FY 2020/21.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Elk Grove Blvd Grove St. Alley Water Main	0	0	0	265	0	265
with inflation (3%)	0	0	0	290	0	290

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

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	290
Total	290

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. It is estimated that the elimination of future leaks will result in an annual savings of \$1,200.

USEFUL LIFE: 125 years

Project	Locust St.-Elk Grove Blvd Alley/Derr St. Water Main
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	3
Project No.	TBD



PROJECT DESCRIPTION

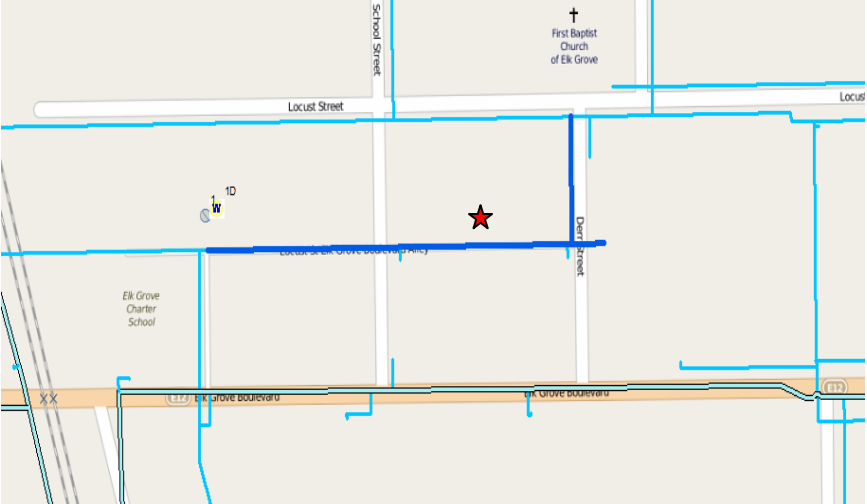
This project installs approximately 725 lineal feet of 8” C900 PVC water main in Locust St.-Elk Grove Blvd Alley and 175 lineal feet of 8” C900 PVC water main in Derr Street.

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

Construction of this project is scheduled to occur in FY 2020/21.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Locust St.-Elk Grove Blvd Alley/Derr St. Water Main	0	0	198	0	0	198
with inflation (3%)	0	0	210	0	0	210

Expenditure breakdown: \$7,500 design, \$202,500 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	210
Total	210

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. It is estimated that the elimination of future leaks will result in an annual savings of \$1,200.

USEFUL LIFE: 125 years

Project	Elk Grove Blvd Water Main
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	4
Project No.	206



PROJECT DESCRIPTION

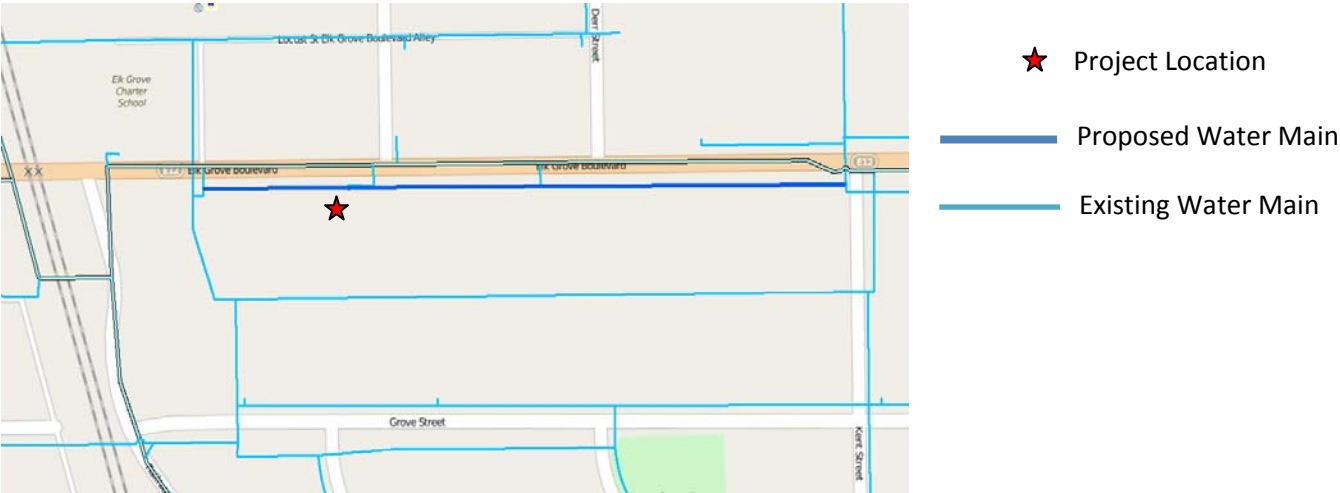
This project installs approximately 1,300 lineal feet of 8” water main on the south side of Elk Grove Blvd. between the Union Pacific Railroad tracks and Kent St, and installs water meters on the front side of the properties along this stretch.

JUSTIFICATION

Businesses and residences along the south side of Elk Grove Blvd. are currently served by a 4” water main located along the rear property lines. To complete the water meter retrofit program, water meters have been placed in the public utility easement at the back of each property. To read the meters, the properties must be accessed by entering fenced-in backyards which are often locked. This project replaces an undersized 4” main with an 8” main and moves the meters to the front sides of the properties.

PROJECT LOCATION

The project is located on the south side of Elk Grove Blvd. between the UPRR tracks and Kent St.



SCHEDULE & STATUS

Construction of this project is expected to occur in FY 2021/22.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Elk Grove Blvd Water Main	0	0	0	458	0	458
with inflation (3%)	0	0	0	500	0	500

Expenditure breakdown: \$12,000 design, \$488,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	500
Total	500

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. It is estimated that the elimination of future leaks will result in an annual savings of \$600.

USEFUL LIFE: 125 years

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



PROJECT DESCRIPTION

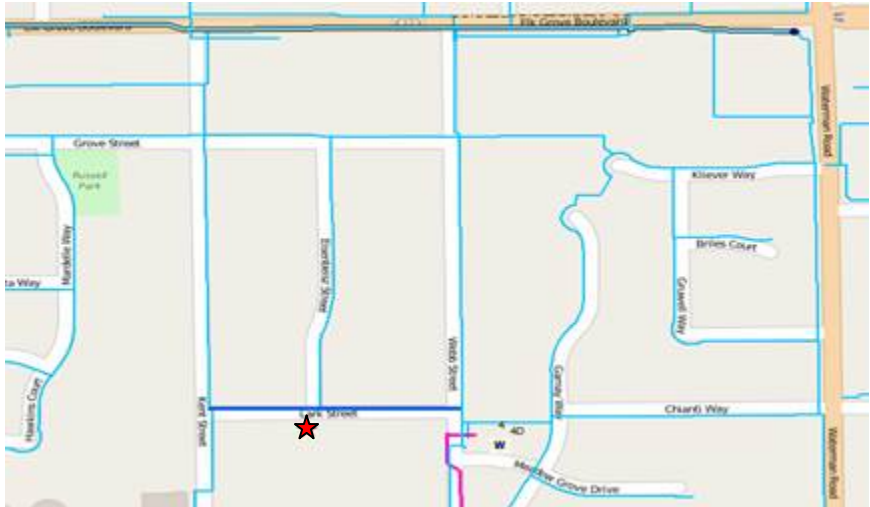
This project installs approximately 730 lineal feet of 8” C900 PVC water main in Lark Street and 250 lineal feet of 8” C900 PVC water main in Eisenbeisz Street.

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

Construction of this project is scheduled to occur in FY 2019/20.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Lark St. Water Main	0	0	212	0	0	212
with inflation (3%)	0	0	225	0	0	225

Expenditure breakdown: \$7,500 design, \$217,500 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	225
Total	225

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. It is estimated that the elimination of future leaks will result in an annual savings of \$1,200.

USEFUL LIFE: 125 years

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



PROJECT DESCRIPTION

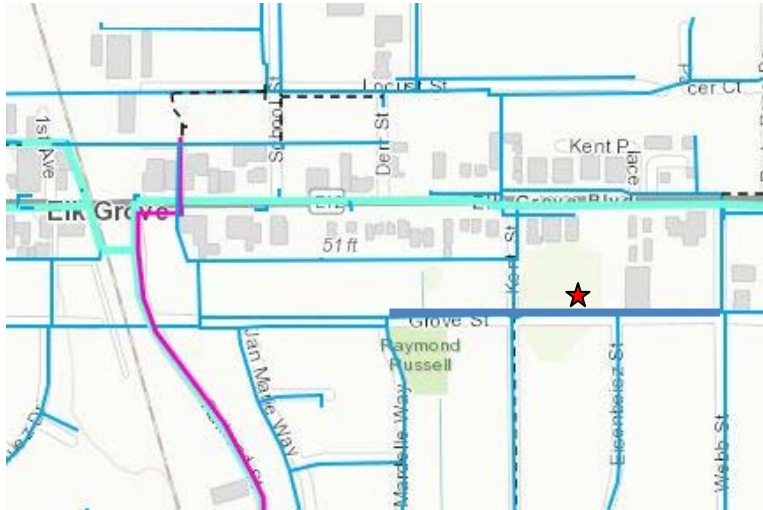
This project installs approximately 1,180 lineal feet of 8” C900 PVC water main in Grove Street.

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

Construction of this project is scheduled to occur in FY 2022/23.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Grove St. Water Main	0	0	0	0	244	244
with inflation (3%)	0	0	0	0	275	275

Expenditure breakdown: \$7,500 design, \$267,500 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	225
Total	225

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. It is estimated that the elimination of future leaks will result in an annual savings of \$1,200.

USEFUL LIFE: 125 years

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



PROJECT DESCRIPTION

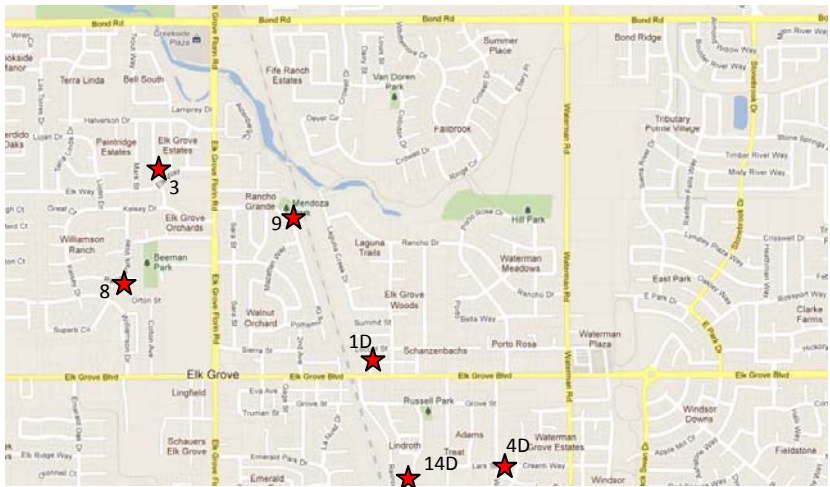
The well rehabilitation program provides for well rehabilitation projects on an as needed basis.

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 FY2019/20 and FY2021/22.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Well Rehabilitation Program	0	92	0	92	0	184
with inflation (3%)	0	98	0	103	0	201

Expenditure breakdown: \$10,000 design, \$191,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	201
Total	201

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: 5-7 years (for each rehabilitated well)

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



PROJECT DESCRIPTION

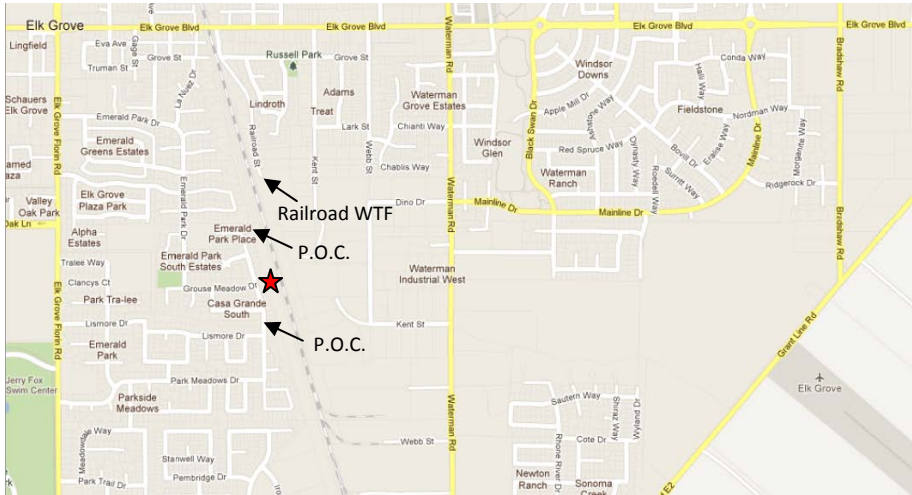
This project connects the recently completed Railroad Corridor transmission main to two (2) additional points of connection (POC) of the District’s water distribution system. These POCs are located along Falcon Meadow Dr.

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

This project is scheduled for FY2022/23.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Railroad Corridor Water Line	0	0	0	0	66	66
with inflation (3%)	0	0	0	0	75	75

Expenditure breakdown: \$5,000 design, \$70,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	75

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

Project	Backyard Water Mains/ Services Replacements
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	3
Project No.	505



PROJECT DESCRIPTION

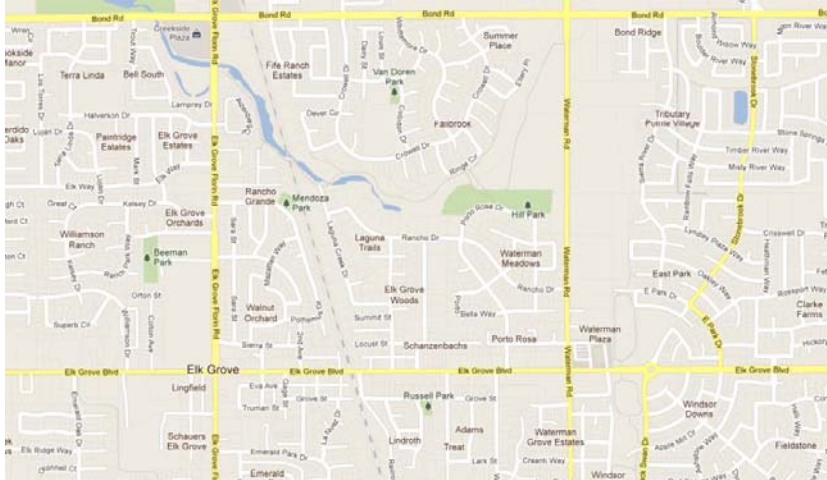
This project replaces existing 4” water mains with larger diameter water mains and relocates the mains from backyard public utilities easements to rights-of-ways in the streets. Water services will be moved from the backyards to the front sides of homes.

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

The project is scheduled for FY 2018/19 and FY2019/20.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Backyard Water Mains/Services Replacements	734	922	0	0	0	1,656
with inflation (3%)	734	950	0	0	0	1,684

Expenditure breakdown: \$50,000 design, \$1,638,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	1,684
Total	1,684

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

Project	Cadura Circle Water Main Looping
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	3
Project No.	TBD



PROJECT DESCRIPTION

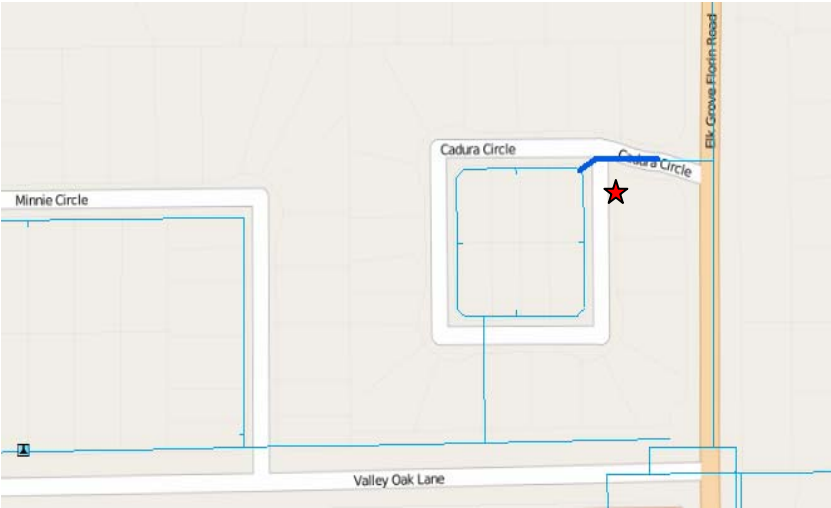
This project installs approximately 130 lineal feet of 8” C900 PVC water main to provide a water main loop so that Cadura Circle is fed by two (2) water mains.

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

Preliminary engineering, final design and construction are scheduled to occur in FY 2022/23.

EXPENDITURE SCHEDULE

(in thousands \$)

	Planned Expenditures					Total
Project	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Cadura Circle Water Main Looping	0	0	0	0	27	27
with inflation (3%)	0	0	0	0	30	30

Expenditure breakdown: \$1,000 design, \$29,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	30
Total	30

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

Project	Mormon Church Water Main Looping
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	3
Project No.	TBD



PROJECT DESCRIPTION

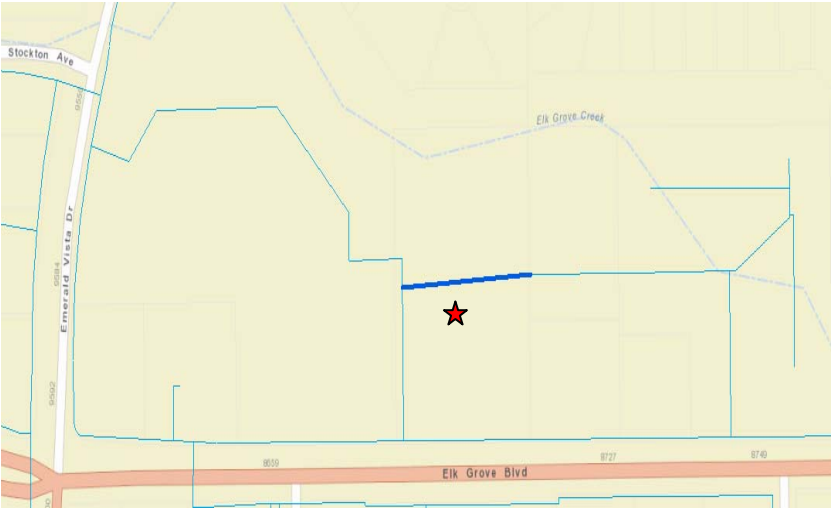
This project installs approximately 300 lineal feet of 8” C900 PVC water main to connect two (2) dead-end mains along the property of the Mormon Church on Elk Grove Blvd.

JUSTIFICATION

An 8” water main exists along the west side of the Mormon Church property off of Elk Grove Blvd. An 8” water main stub for future connection exists at the east side of the property. This project connects the existing 8” water main stub to the 8” water main on the other side of the property. The looped water main system will enhance water system performance and water quality.

PROJECT LOCATION

The project is located at 8679 Elk Grove Blvd, Elk Grove, California.



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

SCHEDULE & STATUS

Preliminary engineering, final design and construction are scheduled to occur in FY 2022/23.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Mormon Church Water Main Looping	0	0	0	0	62	62
with inflation (3%)	0	0	0	0	70	70

Expenditure breakdown: \$1,500 design, \$68,500 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	70
Total	70

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

Project	Kilkenny Ct. Water Main
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	3
Project No.	TBD



PROJECT DESCRIPTION

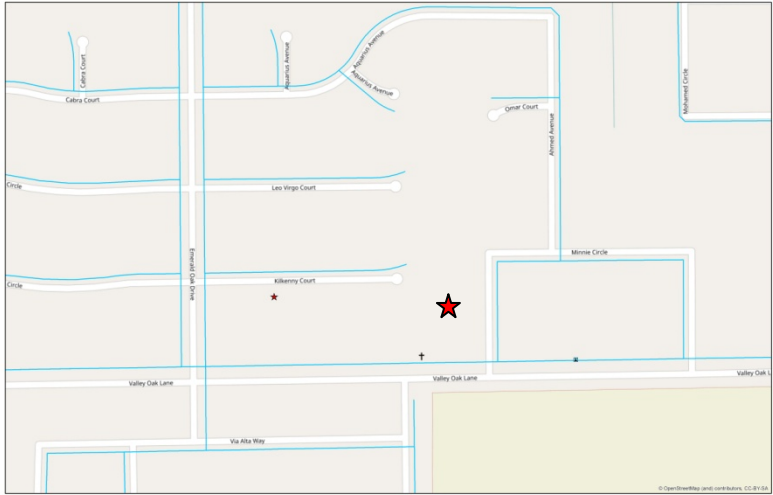
This project installs approximately 575 lineal feet of 8” C900 PVC water main in Kilkenny Court.

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

Preliminary engineering, final design and construction are scheduled to occur in FY 2021/22.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Kilkenny Water Main	0	0	0	124	0	124
with inflation (3%)	0	0	0	135	0	135

Expenditure breakdown: \$3,000 design, \$132,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	135
Total	135

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

Project	Leo Virgo Ct. Water Main
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	3
Project No.	TBD



PROJECT DESCRIPTION

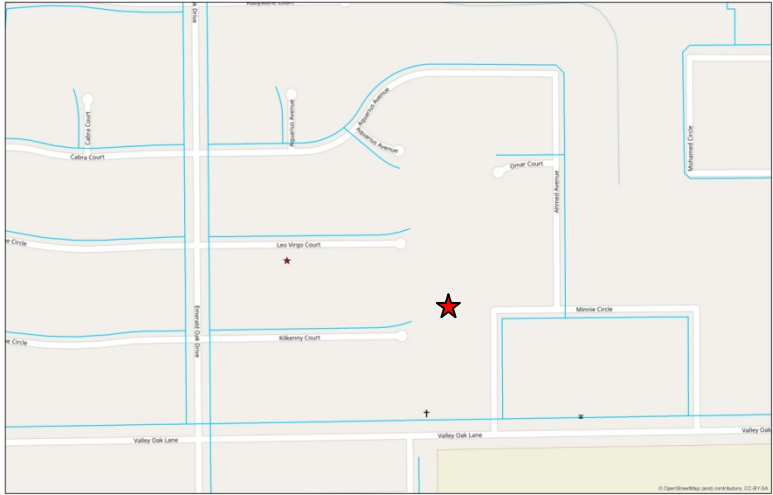
This project installs approximately 575 lineal feet of 8” C900 PVC water main in Leo Virgo Court.

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

Preliminary engineering, final design and construction are scheduled to occur in FY 2022/23.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Leo Virgo Ct. Water Main	0	0	0	0	120	120
with inflation (3%)	0	0	0	0	135	135

Expenditure breakdown: \$3,000 design, \$132,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	135
Total	135

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

Project	RRWTF Generator PLC / SCADA Upgrade
Funding Type	Capital Improvement Funds
Program	Treatment Improvements
Priority	1
Project No.	509



PROJECT DESCRIPTION

This project upgrades the PLC and SCADA system for the emergency generator located at the Railroad Street Water Treatment Facility (RRWTF).

JUSTIFICATION

On July 7, 2017, the Treatment staff was performing a quarterly exercising test of the RRWTF emergency generator. When the treatment staff switched the RRWTF from generator power back to utility power, the transfer of power did not occur and the RRWTF was without generator power or utility power. Treatment staff was able to manually override the programmable logic controller (PLC) that controls the power transfer and get the RRWTF on utility power. Staff determined that the uninterrupted power supply (UPS) was not charged up, and therefore the PLC did not have any power to perform the automatic transfer operation. This in itself was a simple problem to fix. However, it has been determined that the PLC, which is 13 years old, is no longer supported by the manufacturer. The District’s Asset Management Plan places a useful life of 15 years on PLCs. Staff deems the PLC that controls the generator and the auto transfer switch a critical piece of equipment, and it should be replaced. Additionally, the staff would like to have data from the generator and transfer switch brought into SCADA. Currently, the Treatment staff has no way of knowing through SCADA if the RRWTF is on emergency generator power or utility power. This project replaces the PLC and upgrades SCADA.

PROJECT LOCATION

The address for the RRWTF is 9175 Railroad Street, Elk Grove, California. The assessor’s parcel number is APN 13400500810000.



★ Project Location

SCHEDULE & STATUS

Construction is scheduled to occur in FY 2018/19.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
RRWTF Generator PLC / SCADA Upgrade	35	0	0	0	0	35
with inflation (3%)	35	0	0	0	0	35

Expenditure breakdown: design and construction included

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	35
Total	35

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: 15 years

Project	Well 3 Pump Replacement/VFD
Funding Type	Capital Improvement Funds
Program	Treatment Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

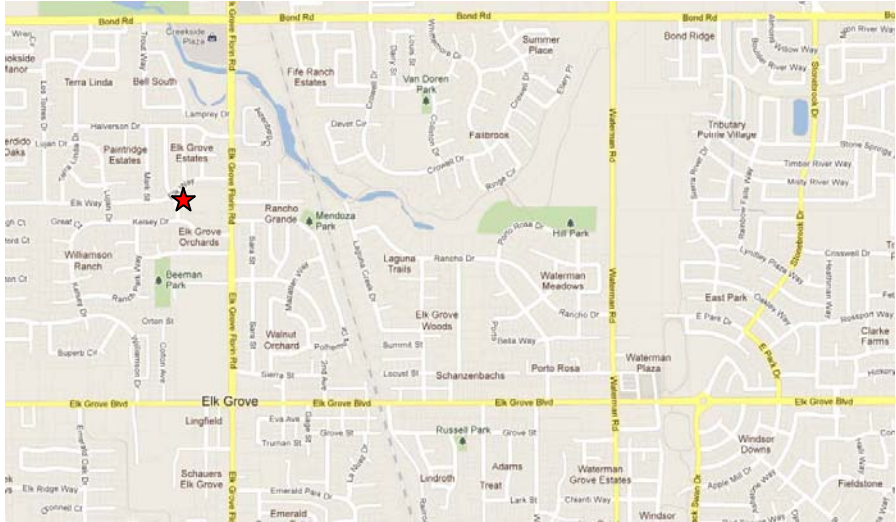
This project replaces the existing vertical turbine pump at Well 3 with a submersible pump, down-hole sand separator and variable frequency drive (VFD), and removes the hydropneumatic tank from the site. This project also installs a pumped-to-waste system to allow the well to be temporarily pumped to storm drain during start-up.

JUSTIFICATION

Well 3 is currently equipped with a vertical turbine pump rated at 850 gpm at 252 feet of head. At a rated flow of 850 gpm, if demand in the water distribution system isn't high, the existing pump starts and stops frequently resulting in inefficient pump operations. Replacing the pump with a submersible pump and VFD combination will promote continuous, efficient operation of the pump. The VFD will also eliminate the need for the hydropneumatic tank.

PROJECT LOCATION

The address for Well 3 is 9374 Emily Street, Elk Grove, California. The assessor's parcel number is APN 11601340130000.



★ Project Location

SCHEDULE & STATUS

Engineering, design, and construction are scheduled for FY 2018/19.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Well 3 Pump Replacement/VFD	180	0	0	0	0	180
with inflation (3%)	180	0	0	0	0	180

Expenditure breakdown: \$10,000 engineering, \$170,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Treatment Improvements	180
Total	180

OPERATING COST IMPACTS

The completion of this project is anticipated to decrease operating costs by \$1500 per year due to more efficient operation of the pump being controlled by a VFD.

USEFUL LIFE: 20 years

Project	Hampton WTP Generator Removal
Funding Type	Capital Improvement Funds
Program	Treatment Improvements
Priority	5
Project No.	TBD



PROJECT DESCRIPTION

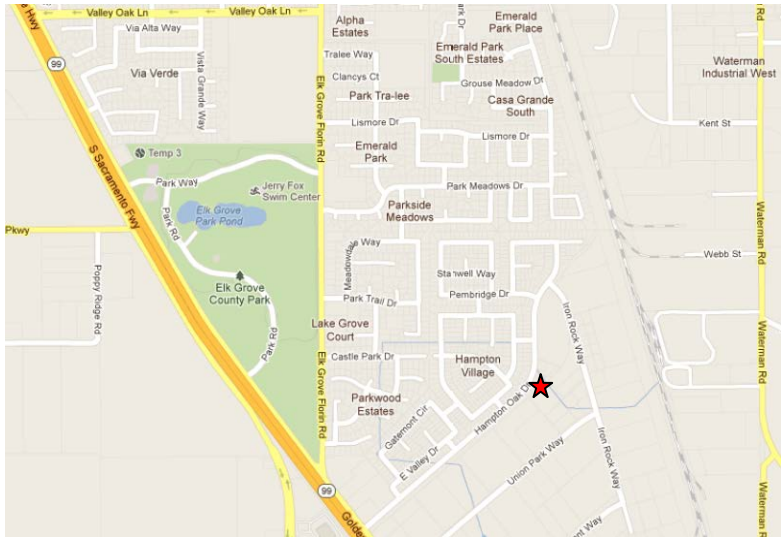
This project removes the existing emergency generator at the Hampton Water Treatment Plant (WTP).

JUSTIFICATION

The emergency generator at the Hampton WTP is 22 years old and does not function properly. The controls, including the automatic transfer switch, are outdated and pose an operational risk. During startup of the refurbished Hampton WTP, staff tested the generator. The transfer from utility to generator power caused a power spike that damaged some of the electronics in the control panel. The damaged electronics had to be replaced before the District could operate Hampton WTP. The District has emergency generators at the Railroad Water Treatment Facility, and well sites 4D and 11D. In the event of an emergency, staff will operate generators at these locations. It is not cost effective, or required, to repair the emergency generator system at the Hampton WTP.

PROJECT LOCATION

The address for Hampton Village Water Treatment Plant is 10113 Hampton Oak Dr., Elk Grove, California. The assessor’s parcel number is APN 13407100390000.



★ Project Location

SCHEDULE & STATUS

Preliminary engineering, final design and construction are scheduled to occur in FY 2017/18.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Hampton WTP Generator Removal	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
Total	25

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: Not Applicable

Project	Truck Replacements
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	3
Project No.	401



PROJECT DESCRIPTION

This project replaces aging work trucks with new trucks.

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 18/19

Truck 407 – 2008 Ford F550 – 24,200 Miles – Gang Truck - \$115K

FY 19/20

Truck 102 – 2007 Chevy 3500 – 73,200 Miles – 1 Ton - \$60K

Truck 409 – 2009 Ford F650 – 28,500 Miles – Dump Truck - \$100K

FY 20/21

Truck 402 – 2008 Ford F250 – 73,200 Miles – 3/4 Ton - \$60K

Truck 303 – 2006 Ford F650 – 34,100 Miles – Dump Truck - \$100K

FY 21/22

Truck 403 – 2007 Chevy Tahoe – 42,500 Miles – SUV - \$60K

Truck 413 – 2014 Ford F250 – 79,800 Miles – 3/4 Ton - \$60K

FY 22/23

Truck 204 – 2004 Valve Truck – 38,400 Miles – 1 Ton - \$115K

Truck 404 – 2008 Ford Escape (Gray) – 77,100 Miles – SUV - \$30K

PROJECT LOCATION

These work vehicles cover all areas of the Elk Grove Water District.

SCHEDULE & STATUS

Refer to Justification section above for vehicle replacement schedule.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Truck Replacements	115	155	151	110	129	660
with inflation (3%)	115	160	160	120	145	700

Expenditure breakdown: no design, 100% purchase

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	700
Total	700

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

Project	HVWTP Roof Replacement
Funding Type	Capital Repair/Replacement Funds
Program	Building & Site Improvements/ Vehicles
Priority	4
Project No.	TBD



PROJECT DESCRIPTION

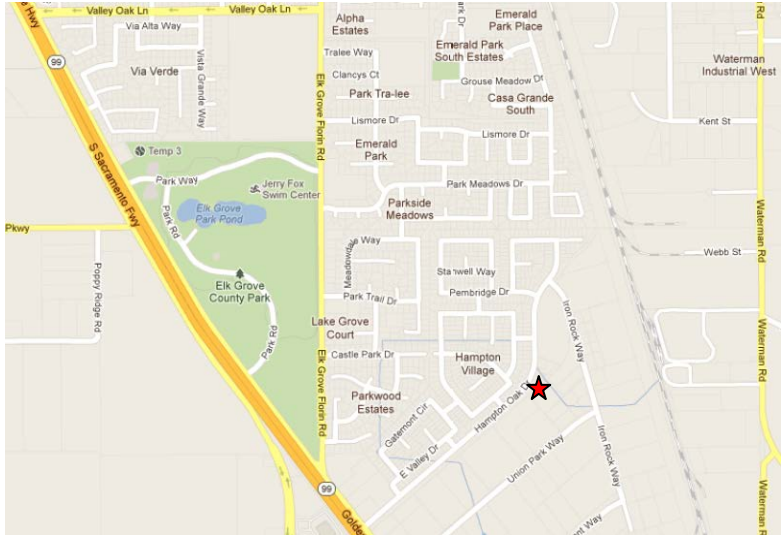
This project replaces the roof of the building housing the control room and water quality treatment equipment at the Hampton Village Water Treatment Plant.

JUSTIFICATION

The Hampton Village Water Treatment Plant (HVWTP) was built in 1996. The roof housing the control room and water quality treatment equipment is 20 years old and is nearing the end of its useful life. This project replaces the roof to extend the useful life of the building at the HVWTP.

PROJECT LOCATION

The address for Hampton Village Water Treatment Plant 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 2018/19.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
HVWTP Roof Replacement	0	0	19	0	0	19
with inflation (3%)	0	0	20	0	0	20

Expenditure breakdown: no design, \$20,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	20
Total	20

OPERATING COST IMPACTS

The completion of this project is not anticipated to increase or decrease operating costs.

USEFUL LIFE: 20 years

Project	RRWTF Parking Lot Repaving
Funding Type	Capital Repair/Replacement Funds
Program	Building & Site Improvements/ Vehicles
Priority	2
Project No.	405



PROJECT DESCRIPTION

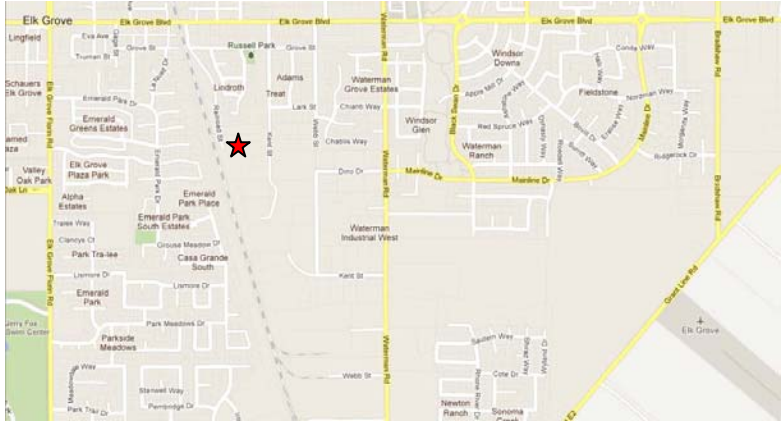
This project replaces the top layer of the asphalt pavement in the high traffic areas of the Railroad Water Treatment Facility.

JUSTIFICATION

The Railroad Water Treatment Facility (RRWTF) is where Operations activities are based. Heavy trucks and equipment come in and out of the RRWTF yard on a daily basis. The asphalt pavement in the RRWTF yard receives heavy use and, as a result, the high traffic areas of the pavement are deteriorating. Replacement of the asphalt pavement in the high traffic areas is required to maintain the condition of the pavement in the yard.

PROJECT LOCATION

The address for Railroad Street WTF is 9715 Railroad Street, Elk Grove, California. The assessor’s parcel number is APN 13400500810000.



★ Project Location

SCHEDULE & STATUS

This project is scheduled for FY 2018/19.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
RRWTF Parking Lot Repaving	90	0	0	0	0	90
with inflation (3%)	90	0	0	0	0	90

Expenditure breakdown: no design, 100% construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	90
Total	90

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

Project	Vacuum Excavator
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	2
Project No.	TBD



PROJECT DESCRIPTION

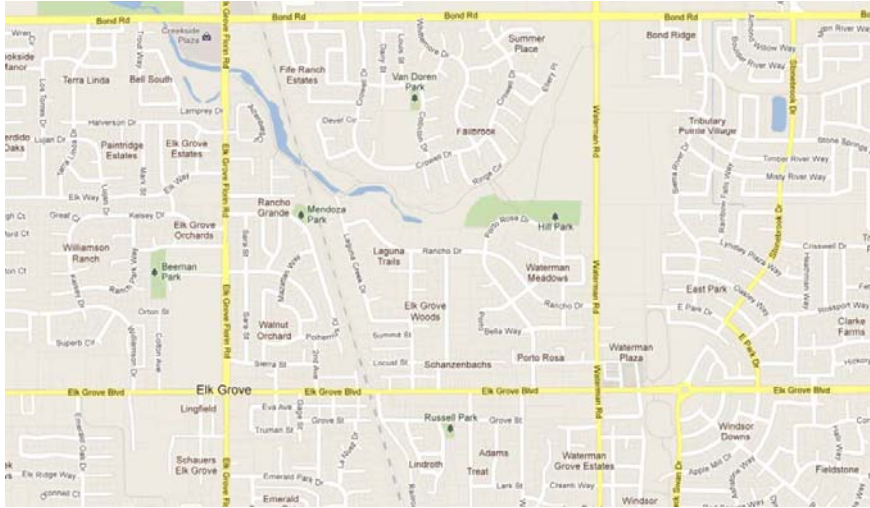
This project replaces the existing trailer vacuum excavator in the District’s fleet.

JUSTIFICATION

The District currently has a 2007 McLaughlin V500 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 District’s asset management plan has identified the useful life of the vacuum excavator as 15 years. The vacuum excavator will be 15 years old in 2022 and will be due for replacement.

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 2021/22.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Vacuum Excavator	0	0	0	71	0	71
with inflation (3%)	0	0	0	75	0	75

Expenditure breakdown: 100% purchase

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	75
Total	75

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

Project	Directional Drilling Machine
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	2
Project No.	TBD



PROJECT DESCRIPTION

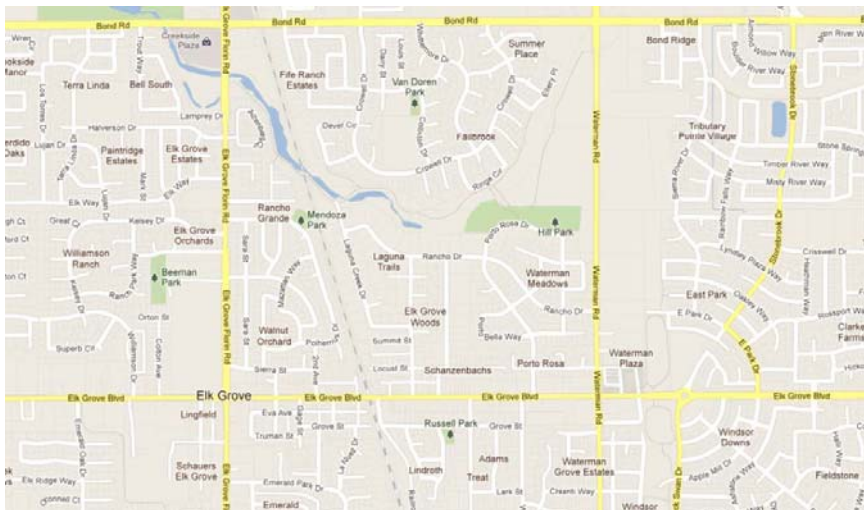
This project replaces the existing directional drilling machine in the District’s fleet.

JUSTIFICATION

The District currently has a 1997 Vermeer D7x11A Navigator directional drilling machine. The directional drilling machine is a critical piece of equipment that the District uses to install service lines and other small diameter pipe. The directional drilling machine allows field personnel to install small diameter piping without having to perform open-cut trenching. This saves the District time and money in labor, and also eliminates the need to repair asphalt pavement and landscaping that would be damaged with open-cut trenching. The District’s asset management plan has identified the useful life of the directional drilling machine as 20 years. The vacuum excavator will be 24 years old in 2021 and will be due for replacement.

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 2020/21.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Directional Drilling Machine	0	0	141	0	0	141
with inflation (3%)	0	0	150	0	0	150

Expenditure breakdown: no design, 100% construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	150
Total	150

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

Project	I.T. Servers
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

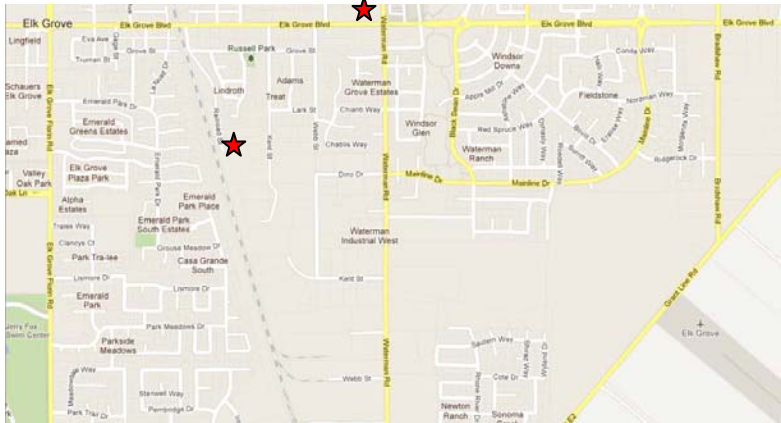
This project purchases six (6) new servers for the District’s information technology system.

JUSTIFICATION

The District recently conducted an independent security audit of the District’s information technology systems. One of the findings from the audit recommended that the District replace its 8-year old servers to stay current with technology for security purposes. This project replaces three (3) servers running the District’s administrative computer programs and a storage device on the “O” drive server in FY 2018/19. In FY 2019/20, three (3) servers running the Railroad Water Treatment Plant’s computer programs will be replaced.

PROJECT LOCATION

To be determined.



★ Project Location

SCHEDULE & STATUS

Three (3) servers and a storage devices are planned for purchase in FY 2018/19, and three (3) servers are planned for purchase in FY 2019/20.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
Administration Building	35	29	0	0	0	64
with inflation (3%)	35	30	0	0	0	65

Expenditure breakdown: 100% Purchase Cost

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	65
Total	65

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: 5 years

Project	Unforeseen Capital Projects
Funding Type	Unforeseen Capital Projects Funds
Program	Unforeseen Capital Projects
Priority	N/A
Project No.	TBD



PROJECT DESCRIPTION

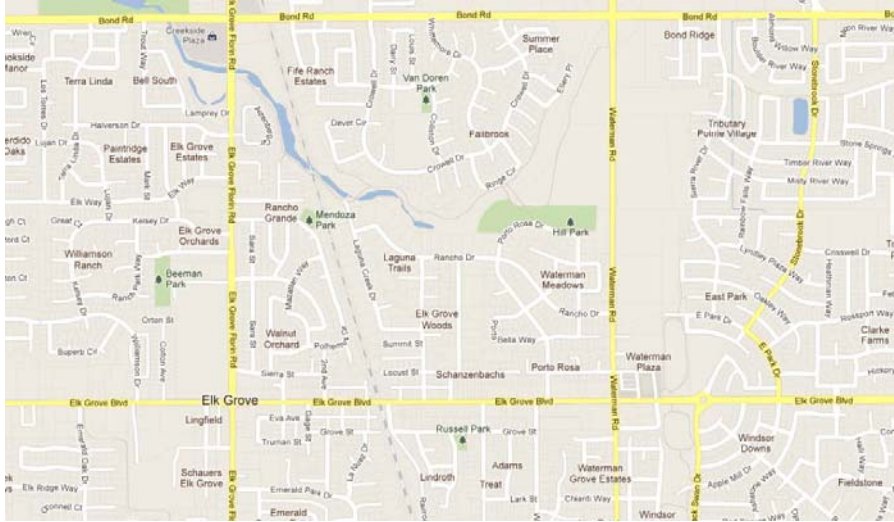
This project provides reserve funds for unforeseen future capital projects.

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 \$)

	Planned Expenditures					Total
Project	FY18/19	FY19/20	FY20/21	FY21/22	FY22/23	
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
Total	500

OPERATING COST IMPACTS

It is not know 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. 26</i>	91
1	RRWTF Generator PLC / SCADA Upgrade <i>pg. 40</i>	85
1	Well 3 Pump Replacement /VFD <i>pg. 42</i>	82
1	I.T. Servers <i>pg. 56</i>	82
2	RRWTF Parking Lot Repaving <i>pg. 50</i>	76
2	Water Meter Replacement Program <i>pg. 10</i>	75
2	Vacuum Excavator <i>pg. 52</i>	75
2	Directional Drilling Machine <i>pg. 54</i>	75
2	Lark St. Water Main <i>pg. 22</i>	73
3	Railroad Corridor Water Line <i>pg. 28</i>	64
3	Cadura Circle Water Main Looping <i>pg. 32</i>	64
3	Mormon Church Water Main Looping <i>pg. 34</i>	64
3	Kilkenny Ct. Water Main <i>pg. 36</i>	64
3	Leo Virgo Ct. Water Main <i>pg. 38</i>	64
3	Backyard Water Mains/Services Replacement <i>pg. 30</i>	63
3	Truman St./Adams St. Water Main <i>pg. 12</i>	62
3	School/Locust/Summit Alley Water Main <i>pg. 14</i>	62
3	Elk Grove Blvd Grove St. Alley Water Main <i>pg. 16</i>	62
3	Locust St.-Elk Grove Blvd Alley/Derr St. Water Main <i>pg. 18</i>	62
3	Grove St. Water Main <i>pg. 24</i>	62
3	Truck Replacements <i>pg. 46</i>	60
4	Elk Grove Blvd Water Main <i>pg. 20</i>	56
4	HVWTP Roof Replacement <i>pg. 48</i>	53
5	Hampton WTP Generator Removal <i>pg. 44</i>	20

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APPENDIX B – CIP PRIORITY RANKING CRITERIA SCORE SHEETS

- **FY 2019-23 WATER SUPPLY / TREATMENT IMPROVEMENT PROJECTS**
 - Water Meter Replacement Program
 - 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
 - Elk Grove Blvd. 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
 - Mormon Church Water Main Looping
 - Kilkenny Ct. Water Main
 - Leo Virgo Ct. Water Main
 - RRWTF Generator PLC / SCADA Upgrade
 - Well 3 Pump Replacement/VFD
 - Hampton WTP Generator Removal

- **FY 2019-23 BUILDING & SITE IMPROVEMENT/VEHICLES PROJECTS**
 - Truck Replacements
 - HVWTP Roof Replacement
 - RRWTF Parking Lot Repaving
 - Vacuum Excavator
 - Directional Drilling Machine
 - I.T. Servers

**FY 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 75
RAW SCORE = 60

Water Meter Replacement Program

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = M		51.75
	A	<input checked="" type="checkbox"/> H- 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. (H+, H-, M+, M-, L)	
	B	<input type="checkbox"/> L 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]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		2.50
	<input type="checkbox"/>	Promotes Emergency Recovery	
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		3.75
	<input type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input checked="" type="checkbox"/>	Promotes water use efficiency	<input type="checkbox"/>	Promotes energy efficiency or incorporates energy efficient features
<input checked="" type="checkbox"/>	Promotes groundwater basin management		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		2.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input checked="" type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	Funding Available from Other Agencies - 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 *Water Meter Replacement*

PRIORITY SCORE =
RAW SCORE = 100

	<p>Water Supply (E 2) Impact = ; Probability = 75.00 <-- 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>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:</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>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.</p> <p>Impact: <u>High</u> - 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. <i>- District's potential to lose revenue.</i> <u>Medium</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>Low</u> - 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>Probability of impact occurring: <u>High</u> - Likely to almost certain 65% - 100% <u>Medium</u> - Possible 35% - 65% <i>est. likelihood.</i> <u>Low</u> - 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>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".</p> <p>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].</p> <p>Effect of Project Impact: <u>High (H)</u> - Provides benefits for more than 30,000 customers. <u>Medium (M)</u> - Provides benefits for 10,000 to 30,000 customers. <u>Low (L)</u> - Provides benefits for less than 10,000 customers. <i>4500 meter replacements planned.</i></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>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".</p> <p>Definition: Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.</p> <p>Project Urgency: <u>Immediate Need (I)</u> - Project is needed to meet current demands or regulations within the next three (3) years. <i>←</i> <u>Short-Term Need (S)</u> - Project is needed to meet demands or regulations within the next three to five (3 - 5) years. <u>Long-Term Need (L)</u> - 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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 62
RAW SCORE = 49

Truman St./Adams St. Water Main

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = H		41.25
	A	<input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M 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]. (H, M, L)	
C	<input checked="" type="checkbox"/> S Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		2.50
	<input type="checkbox"/>	Promotes Emergency Recovery	
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		5.63
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - 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		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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 *Truman St./Adams St. 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	<p>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.</p> <p>Impact: <u>High</u> – 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. <u>Medium</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 <i>4" mains are undersized for fire protection</i> <u>Low</u> – 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>
	Med.	H- 42	M+ 30	M- 17	
	Low	M+ 30	M- 17	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: 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 Areas*

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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 62
RAW SCORE = 49

School/Locust/Summit Alley Water Main

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = H		41.25
	A	<input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M 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]. (H, M, L)	
C	<input checked="" type="checkbox"/> S Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		2.50
	<input type="checkbox"/>	Promotes Emergency Recovery	
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input type="checkbox"/>	With other agencies
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		5.63
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - 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		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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 *School/Locust/Summit Alley 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 *it remains 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 areas*

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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE = **62**

Elk Grove Blvd Grove St. Alley Water Main

RAW SCORE = **49**

PRIMARY OBJECTIVE (75%)	<p>Water Supply (E 2) Impact = H ; Probability = H 41.25</p> <p>A <input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)</p> <p>B <input checked="" type="checkbox"/> M 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]. (H, M, L)</p> <p>C <input checked="" type="checkbox"/> S Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</p>
SOCIAL FACTORS (7.5%)	<p>Social Factor - Check if applicable 2.50</p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p>Positive Interaction (E 4) - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <input type="checkbox"/> With other agencies</p>
ENVIRONMENTAL FACTORS (7.5%)	<p>Water Quality (E 3.2) - Check if applicable 5.63</p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p>Natural Resources Sustainability (E 3.2) - Check all that apply</p> <p><input checked="" type="checkbox"/> Promotes water use efficiency <input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
ECONOMIC FACTORS (10%)	<p>Lifecycle costs are minimized - Check One 0.00</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>Funding Available from Other Agencies - 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 PROJECTS Priority Ranking Criteria

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here *Elk Grove Blvd Grove St. Alley 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 *if 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 areas*

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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE = **62**

Locust St.-Elk Grove Blvd Alley/Derr St. Water Main

RAW SCORE = **49**

PRIMARY OBJECTIVE (75%)	<p>Water Supply (E 2) Impact = H ; Probability = H 41.25</p> <p>A <input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)</p> <p>B <input checked="" type="checkbox"/> M 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]. (H, M, L)</p> <p>C <input checked="" type="checkbox"/> S Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</p>
SOCIAL FACTORS (7.5%)	<p>Social Factor - Check if applicable 2.50</p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p>Positive Interaction (E 4) - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <input type="checkbox"/> With other agencies</p>
ENVIRONMENTAL FACTORS (7.5%)	<p>Water Quality (E 3.2) - Check if applicable 5.63</p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p>Natural Resources Sustainability (E 3.2) - Check all that apply</p> <p><input checked="" type="checkbox"/> Promotes water use efficiency <input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
ECONOMIC FACTORS (10%)	<p>Lifecycle costs are minimized - Check One 0.00</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>Funding Available from Other Agencies - 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 PROJECTS Priority Ranking Criteria

PRIORITY SCORE =

Project Name Here *Locust St. - Elk Grove Blvd Alley / Derr St. Main*

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 *if 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 areas

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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 56
RAW SCORE = 45

Elk Grove Blvd. Water Main

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		34.50
	A	<input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)	
	B	<input type="checkbox"/> L 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]. (H, M, L)	
C	<input type="checkbox"/> S Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/>	Promotes Emergency Recovery	
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/>	With other agencies
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		5.63
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - 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		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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 *Elk Grove Blvd. Main*

	<p>Water Supply (E 2) Impact = ; Probability = 75.00 <-- 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)</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>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:</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="text-align: center;">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="text-align: center;">Med.</th> <td style="text-align: center;">H- 42</td> <td style="text-align: center; border: 2px solid red;">M+ 30</td> <td style="text-align: center;">M- 17</td> </tr> <tr> <th style="text-align: center;">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>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.</p> <p>Impact: <u>High</u> – Without the project, the District likely can not meet normal current or future daily demand 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>meters in backyard are inaccessible due diff. to access and fed by an old 4" main.</i> <u>Medium</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>Low</u> – 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>Probability of impact occurring: <u>High</u> – Likely to almost certain 65% – 100% <u>Medium</u> – Possible 35% – 65% ← <u>Low</u> – 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>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".</p> <p>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].</p> <p>Effect of Project Impact: <u>High (H)</u> – Provides benefits for more than 30,000 customers. <u>Medium (M)</u> – Provides benefits for 10,000 to 30,000 customers. <u>Low (L)</u> – Provides benefits for less than 10,000 customers. ← <i>Customers on south side EG Blvd. between Kent & RR tracks.</i></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>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".</p> <p>Definition: Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.</p> <p>Project Urgency: <u>Immediate Need (I)</u> – Project is needed to meet current demands or regulations within the next three (3) years. <u>Short-Term Need (S)</u> – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. ← <i>Planned for 5 yrs. out.</i> <u>Long-Term Need (L)</u> – 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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 73
RAW SCORE = 58

Lark St. Water Main

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = H		50.25
	A	<input checked="" type="checkbox"/> H- 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. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M 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]. (H, M, L)	
C	<input checked="" type="checkbox"/> S Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		2.50
	<input type="checkbox"/>	Promotes Emergency Recovery	
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input type="checkbox"/>	With other agencies
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		5.63
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - 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		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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 *Lerk St. Water Main*

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

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%

during repairs, inspection showed sections of AC pipe are soft from water saturation of pipe wall.

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.

← Affects Service Area 1

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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE = **62**

Grove St. Water Main

RAW SCORE = **49**

PRIMARY OBJECTIVE (75%)	<p>Water Supply (E 2) Impact = H ; Probability = H 41.25</p> <p>A <input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)</p> <p>B <input checked="" type="checkbox"/> M 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]. (H, M, L)</p> <p>C <input checked="" type="checkbox"/> S Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</p>
SOCIAL FACTORS (7.5%)	<p>Social Factor - Check if applicable 2.50</p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p>Positive Interaction (E 4) - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <input type="checkbox"/> With other agencies</p>
ENVIRONMENTAL FACTORS (7.5%)	<p>Water Quality (E 3.2) - Check if applicable 5.63</p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p>Natural Resources Sustainability (E 3.2) - Check all that apply</p> <p><input checked="" type="checkbox"/> Promotes water use efficiency <input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
ECONOMIC FACTORS (10%)	<p>Lifecycle costs are minimized - Check One 0.00</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>Funding Available from Other Agencies - 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 *Grove St. - Water Main*

75.00 <-- Totals from

Water Supply (E 2) Impact = ; Probability = 75.00

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 ?*
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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 91
RAW SCORE = 73

Well Rehabilitation Program

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = H		68.25
	A	<input checked="" type="checkbox"/> H+ 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. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M 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]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		2.50
	<input type="checkbox"/>	Promotes Emergency Recovery	
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input type="checkbox"/>	With other agencies
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - 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		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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 Rehab Program*

PRIORITY SCORE =
RAW SCORE = 100

	<p>Water Supply (E 2) Impact = ; Probability = 75.00 ← 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>WATER SUPPLY OBJECTIVE (75% of Raw Score) <i>This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.</i></p>	<p>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:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"></td> <th colspan="3" style="text-align: center;">Probability</th> </tr> <tr> <td colspan="2"></td> <th style="text-align: center;">High</th> <th style="text-align: center;">Med.</th> <th style="text-align: center;">Low</th> </tr> <tr> <th rowspan="3" style="text-align: center; vertical-align: middle;">Impact</th> <th style="text-align: center;">High</th> <td style="text-align: center;"> <table border="1" style="border-collapse: collapse;"> <tr> <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> </table> </td> <td></td> <td></td> </tr> <tr> <th style="text-align: center;">Med.</th> <td style="text-align: center;"> <table border="1" style="border-collapse: collapse;"> <tr> <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> </table> </td> <td></td> <td></td> </tr> <tr> <th style="text-align: center;">Low</th> <td style="text-align: center;"> <table border="1" style="border-collapse: collapse;"> <tr> <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> </table> </td> <td></td> <td></td> </tr> </table>			Probability					High	Med.	Low	Impact	High	<table border="1" style="border-collapse: collapse;"> <tr> <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> </table>	H+ 55	H- 42	M+ 30			Med.	<table border="1" style="border-collapse: collapse;"> <tr> <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> </table>	H- 42	M+ 30	M- 17			Low	<table border="1" style="border-collapse: collapse;"> <tr> <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> </table>	M+ 30	M- 17	L 5.5			<p>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.</p> <p>Impact: <u>High</u> – 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. <i>Well rehabs important to maintain production and water quality compliant w/ DPH req.</i> <u>Medium</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>Low</u> – 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>Probability of impact occurring: <u>High</u> – Likely to almost certain 65% – 100% <i>Prod. & water quality will decline w/o rehabs.</i> <u>Medium</u> – Possible 35% – 65% <u>Low</u> – 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																															
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<p>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".</p> <p>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].</p> <p>Effect of Project Impact: <u>High (H)</u> – Provides benefits for more than 30,000 customers. <u>Medium (M)</u> – Provides benefits for 10,000 to 30,000 customers. <i>Affects Service Area 1 customers.</i> <u>Low (L)</u> – 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>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".</p> <p>Definition: Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.</p> <p>Project Urgency: <u>Immediate Need (I)</u> – Project is needed to meet current demands or regulations within the next three (3) years. <i>←</i> <u>Short-Term Need (S)</u> – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. <u>Long-Term Need (L)</u> – 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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 64

RAW SCORE = 52

Railroad Corridor Water Line

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = H		42.75
	A	<input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)	
	B	<input type="checkbox"/> L 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]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/>	Promotes Emergency Recovery	
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/>	With other agencies
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		3.75
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - 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		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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 *Railroad Corridor Water Line*

	<p>Water Supply (E 2) Impact = ; Probability = 75.00</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>	<-- Totals from																							
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">WATER SUPPLY OBJECTIVE (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>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:</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> <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>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.</p> <p>Impact: <u>High</u> – 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. <u>Medium</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 <i>This proj. installs a major T-main between RRUTP & Hampton allowing for much greater redundancy in EGWD distr. system</i> <u>Low</u> – 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>Probability of impact occurring: <u>High</u> – Likely to almost certain 65% – 100% <u>Medium</u> – Possible 35% – 65% <u>Low</u> – 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	
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<p>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".</p> <p>Definition: Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.</p> <p>Project Urgency: <u>Immediate Need (I)</u> – Project is needed to meet current demands or regulations within the next three (3) years. <u>Short-Term Need (S)</u> – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. <u>Long-Term Need (L)</u> – 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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 63
RAW SCORE = 50

Backyard Water Mains/Services Replacement

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		41.25
	A	<input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M 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]. (H, M, L)	
C	<input checked="" type="checkbox"/> S Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		3.75
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	Natural Resources Sustainability (E 3.2) - 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			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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		
	Funding Available from Other Agencies - 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 =

Project Name Here *Backyard Water Mains/Service Replacements* RAW SCORE = 100

	<p>Water Supply (E 2) Impact = ; Probability = 75.00 ← 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)</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>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:</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; border: 2px solid red;">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>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.</p> <p>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 ← <i>Backyard mains undersized and difficult to access to repairs leaks. Current configuration has district-owned infrastructure related to front-yard meters on private property</i> 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.</p> <p>Probability of impact occurring: High – Likely to almost certain 65% – 100% Medium – Possible 35% – 65% ← Low – 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>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".</p> <p>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].</p> <p>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. ← <i>Impacts areas of Service Area 1</i> Low (L) – 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>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".</p> <p>Definition: Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.</p> <p>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.</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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 64
RAW SCORE = 52

Cadura Circle Water Main Looping

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		42.75
	A	<input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)	
	B	<input type="checkbox"/> L 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]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/>	Promotes Emergency Recovery	
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/>	With other agencies
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		3.75
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - 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		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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 Cadara Circle Water Main Looping

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

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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 64
RAW SCORE = 52

Mormon Church Water Main Looping

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		42.75
	A	<input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)	
	B	<input type="checkbox"/> L 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]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		3.75
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	Natural Resources Sustainability (E 3.2) - 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			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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		
	Funding Available from Other Agencies - 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 *Mormon Church Water Main Looping*

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

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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE = **64**

RAW SCORE = **52**

Kilkenny Ct. Water Main

PRIMARY OBJECTIVE (75%)	<p>Water Supply (E 2) Impact = M ; Probability = M 42.75</p> <p>A <input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)</p> <p>B <input type="checkbox"/> L 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]. (H, M, L)</p> <p>C <input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</p>
SOCIAL FACTORS (7.5%)	<p>Social Factor - Check if applicable 5.00</p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p>Positive Interaction (E 4) - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <input checked="" type="checkbox"/> With other agencies</p>
ENVIRONMENTAL FACTORS (7.5%)	<p>Water Quality (E 3.2) - Check if applicable 3.75</p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p>Natural Resources Sustainability (E 3.2) - Check all that apply</p> <p><input type="checkbox"/> Promotes water use efficiency <input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
ECONOMIC FACTORS (10%)	<p>Lifecycle costs are minimized - Check One 0.00</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>Funding Available from Other Agencies - 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 *Kilkenny 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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE = 64
RAW SCORE = 52

Leo Virgo Ct. Water Main

PRIMARY OBJECTIVE (75%)	<p>Water Supply (E 2) Impact = M ; Probability = M 42.75</p> <p>A <input checked="" type="checkbox"/> M+ 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. (H+, H-, M+, M-, L)</p> <p>B <input type="checkbox"/> L 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]. (H, M, L)</p> <p>C <input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</p>
SOCIAL FACTORS (7.5%)	<p>Social Factor - Check if applicable 5.00</p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p>Positive Interaction (E 4) - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <input checked="" type="checkbox"/> With other agencies</p>
ENVIRONMENTAL FACTORS (7.5%)	<p>Water Quality (E 3.2) - Check if applicable 3.75</p> <p><input checked="" type="checkbox"/> Promotes drinking water quality</p> <p>Natural Resources Sustainability (E 3.2) - Check all that apply</p> <p><input type="checkbox"/> Promotes water use efficiency <input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</p> <p><input type="checkbox"/> Promotes groundwater basin management</p>
ECONOMIC FACTORS (10%)	<p>Lifecycle costs are minimized - Check One 0.00</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>Funding Available from Other Agencies - 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 *Leo Virgo Ct. 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	<p>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.</p> <p>Impact: <u>High</u> – 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. <u>Medium</u> – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, <u>but will be operating at a higher level of risk</u>, potentially relying on manual operation or an existing backup <u>Low</u> – 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>Probability of impact occurring: <u>High</u> – Likely to almost certain 65% – 100% <u>Medium</u> – Possible 35% – 65% ← <u>Low</u> – Unlikely or rare 0% – 35%</p>
	Med.	H- 42	M+ 30	M- 17	
	Low	M+ 30	M- 17	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.

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.

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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 85

RRWTF Generator PLC / SCADA Upgrade

RAW SCORE = 68

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = M		58.50
	A	<input checked="" type="checkbox"/> H- 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. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M 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]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		7.50
	<input checked="" type="checkbox"/>	Promotes Emergency Recovery	
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies	
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - 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		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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 =

Project Name Here *RRWTF Generator PLC / SCADA Upgrade*

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. *A failure or backup emergency power could result in unsafe low pressures in the water system.*

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 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 82
RAW SCORE = 65

Well 3 Pump Replacement/VFD

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = M		58.50
	A	<input checked="" type="checkbox"/> H- 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. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M 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]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/>	Promotes Emergency Recovery	
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/>	With other agencies
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - 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		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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 *Well 3 Pump Replacement / VFD*

	Water Supply (E 2)	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											
	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	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 Med. Low	<table border="1" style="margin: auto;"> <tr> <td style="width: 30px; height: 30px;">H+ 55</td> <td style="width: 30px; height: 30px;">H- 42</td> <td style="width: 30px; height: 30px;">M+ 30</td> </tr> <tr> <td style="width: 30px; height: 30px;">H- 42</td> <td style="width: 30px; height: 30px;">M+ 30</td> <td style="width: 30px; height: 30px;">M- 17</td> </tr> <tr> <td style="width: 30px; height: 30px;">M+ 30</td> <td style="width: 30px; height: 30px;">M- 17</td> <td style="width: 30px; height: 30px;">L 5.5</td> </tr> </table>	H+ 55	H- 42	M+ 30	H- 42	M+ 30	M- 17	M+ 30	M- 17	L 5.5	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 <i>This proj. provides redundancy to District's Water System.</i> 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+ 55	H- 42	M+ 30										
H- 42	M+ 30	M- 17										
M+ 30	M- 17	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.												
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. <i>← Service Area 1</i> Low (L) – Provides benefits for less than 10,000 customers.												
<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.												
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.												
<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.												

**FY 2019-2023 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 20
RAW SCORE = 16

Hampton WTP Generator Removal

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = H 14.25
	A <input type="checkbox"/> L 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. (H+, H-, M+, M-, L)
	B <input type="checkbox"/> M 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]. (H, M, L)
C <input type="checkbox"/> L Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))	
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable 0.00 <input type="checkbox"/> Promotes Emergency Recovery
	Positive Interaction (E 4) - Check all that apply <input type="checkbox"/> With the Community <input type="checkbox"/> With other agencies
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable 1.88 <input checked="" type="checkbox"/> Promotes drinking water quality
	Natural Resources Sustainability (E 3.2) - 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
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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
	Funding Available from Other Agencies - 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 *Hampton WTP Generator Removal*

75.00 <-- Totals from

Water Supply (E 2) Impact = ; Probability = 75.00

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. *This is a housekeeping project, which will also serve to go the District more storage space.*

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 2019-2023 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 60

Truck Replacements

RAW SCORE = 48

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = M ; Probability = H		46.20
	A	<input checked="" type="checkbox"/> H- 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"/> M Project enhances building infrastructure to address treatment of staff or public issues.	
	C	<input type="checkbox"/> H Project positions the District to meet projected future space needs.	
CLEANER OBJECTIVE (10%)	Positive Interaction (E 4) - Check all that apply		2.00
	<input checked="" type="checkbox"/>	With the Community	<input type="checkbox"/> With other agencies
	Good Neighbor (E 4) - 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	
GREENER OBJECTIVE (15%)	Natural Resources Sustainability (E 3.2) - 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
	Trails & Open Space (E3.3) - 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	
LEANER OBJECTIVE (15%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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 & GROUNDS PROJECTS Priority Ranking Criteria

Project Name Here *Truck Replacements*

PRIORITY SCORE =
RAW SCORE = 100

Buildings and Grounds (EL 3.4) Impact = ; Probability = 60.0

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
	Med.	H- 44	M+ 33	M- 19.3
	Low	M+ 33	M- 19.3	L 5.5

Definition: Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards

Impact:

High – Without the project, District staff likely can not perform their normal daily work or an unsafe condition is present with the public.

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. *Broken down equipment will result in this.*

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.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

Likelihood due to age, mileage and general condition of equipment.

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. *Impacts Field Crew*

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 2019-2023 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 53

HVWTP Roof Replacement

RAW SCORE = 43

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = M ; Probability = H		38.58
	A	<input checked="" type="checkbox"/> M- 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"/> H Project enhances building infrastructure to address treatment of staff or public issues.	
	C	<input checked="" type="checkbox"/> H Project positions the District to meet projected future space needs.	
CLEANER OBJECTIVE (10%)	Positive Interaction (E 4) - Check all that apply		4.00
	<input checked="" type="checkbox"/> X	With the Community <input type="checkbox"/> With other agencies	
	Good Neighbor (E 4) - Check all that apply		
	<input type="checkbox"/>	Graffiti removal or Prevention Features	
	<input type="checkbox"/>	Trash removal features (vortex weirs)	
	<input checked="" type="checkbox"/> X	Improves esthetics of project location	
GREENER OBJECTIVE (15%)	Natural Resources Sustainability (E 3.2) - 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
	Trails & Open Space (E3.3) - 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	
LEANER OBJECTIVE (15%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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

PRIORITY SCORE =

RAW SCORE = 100

Project Name Here *HVWTP Roof Replacement*

Buildings and Grounds (EL 3.4)

Impact = ; Probability = 60.00

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
	Med.	H- 44	M+ 33	M- 19.3
	Low	M+ 33	M- 19.3	L 5.5

Definition: Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.

Impact:

High – Without the project, District staff likely can not perform their normal daily work

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.

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: 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 2019-2023 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 76

RRWTF Parking Lot Repaving

RAW SCORE = 61

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = M ; Probability = H		53.40
	A	<input checked="" type="checkbox"/> H- 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"/> H Project enhances building infrastructure to address treatment of staff or public issues.	
	C	<input checked="" type="checkbox"/> H Project positions the District to meet projected future space needs.	
CLEANER OBJECTIVE (10%)	Positive Interaction (E 4) - Check all that apply		6.00
	<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies
	Good Neighbor (E 4) - Check all that apply		
	<input type="checkbox"/>	Graffiti removal or Prevention Features	
	<input type="checkbox"/>	Trash removal features (vortex weirs)	
	<input checked="" type="checkbox"/>	Improves esthetics of project location	
GREENER OBJECTIVE (15%)	Natural Resources Sustainability (E 3.2) - 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
	Trails & Open Space (E3.3) - 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	
LEANER OBJECTIVE (15%)	Lifecycle costs are minimized - Check One		1.50
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input checked="" type="checkbox"/>	Annual cost savings of less than \$10,000	
	Funding Available from Other Agencies - 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 *RRWTF Parking Lot Repairs*

PRIORITY SCORE =
RAW SCORE = 100

BUILDINGS & GROUNDS OBJECTIVE Clean (60% of Raw Score)	Buildings and Grounds (EL 3.4)	Impact = ; Probability =	60.00																								
	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:																										
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2"></td> <th colspan="3" style="text-align: center;">Probability</th> </tr> <tr> <td colspan="2"></td> <th style="text-align: center;">High</th> <th style="text-align: center;">Med.</th> <th style="text-align: center;">Low</th> </tr> <tr> <th rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">Impact</th> <th style="text-align: center;">High</th> <td style="text-align: center;">H+ 55</td> <td style="text-align: center;">H- 44</td> <td style="text-align: center;">M+ 33</td> </tr> <tr> <th style="text-align: center;">Med.</th> <td style="text-align: center;">H- 44</td> <td style="text-align: center;">M+ 33</td> <td style="text-align: center;">M- 19.3</td> </tr> <tr> <th style="text-align: center;">Low</th> <td style="text-align: center;">M+ 33</td> <td style="text-align: center;">M- 19.3</td> <td style="text-align: center;">L 5.5</td> </tr> </table>				Probability					High	Med.	Low	Impact	High	H+ 55	H- 44	M+ 33	Med.	H- 44	M+ 33	M- 19.3	Low	M+ 33	M- 19.3	L 5.5	Definition: Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.	
			Probability																								
			High	Med.	Low																						
	Impact	High	H+ 55	H- 44	M+ 33																						
		Med.	H- 44	M+ 33	M- 19.3																						
		Low	M+ 33	M- 19.3	L 5.5																						
		Impact: High – Without the project, District staff likely can not perform their normal daily work 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. <i>Deteriorating pavement will cause work arounds</i> 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.																									
		Probability of impact occurring: High – Likely to almost certain 65% – 100% ← Medium – Possible 35% – 65% Low – 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.																											
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".																											
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Medium (M) – Provides benefits for between 10 to all employees.																											
Low (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.																											
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".																											
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Medium (M) – Meet projected demand 10 to 20 years in the future.																											
Low (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 2019-2023 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 75

Vacuum Excavator

RAW SCORE = 60

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = M ; Probability = H		53.40
	A	<input checked="" type="checkbox"/> H- 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"/> H Project enhances building infrastructure to address treatment of staff or public issues.	
	C	<input checked="" type="checkbox"/> H Project positions the District to meet projected future space needs.	
CLEANER OBJECTIVE (10%)	Positive Interaction (E 4) - Check all that apply		4.00
	<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies
	Good Neighbor (E 4) - 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	
GREENER OBJECTIVE (15%)	Natural Resources Sustainability (E 3.2) - Check all that apply		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
	Trails & Open Space (E3.3) - 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	
LEANER OBJECTIVE (15%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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

PRIORITY SCORE =

RAW SCORE = 100

Project Name Here *Vacuum Excavator*

Buildings and Grounds (EL 3.4)	Impact =	; Probability =	60.00
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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
	Med.	H- 44	M+ 33	M- 19.3
	Low	M+ 33	M- 19.3	L 5.5

Definition: Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.

Impact:
High - Without the project, District staff likely can not perform their normal daily work *Critical piece of equipment used daily in operations.*

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.

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: 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.

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.

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 2019-2023 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 75

RAW SCORE = 60

Directional Drilling Machine

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = M ; Probability = H		53.40
	A	<input checked="" type="checkbox"/> H- 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"/> H Project enhances building infrastructure to address treatment of staff or public issues.	
	C	<input checked="" type="checkbox"/> H Project positions the District to meet projected future space needs.	
CLEANER OBJECTIVE (10%)	Positive Interaction (E 4) - Check all that apply		4.00
	<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies
	Good Neighbor (E 4) - 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	
GREENER OBJECTIVE (15%)	Natural Resources Sustainability (E 3.2) - Check all that apply		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"/>		<input type="checkbox"/> Use of Recycled or Alternative Building Materials
	Trails & Open Space (E3.3) - 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	
LEANER OBJECTIVE (15%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here *Directional Drilling Machine*

BUILDINGS & GROUNDS OBJECTIVE
Clean (60% of Raw Score)

Buildings and Grounds (EL 3.4) Impact = ; Probability = 60.00
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
	Med.	H- 44	M+ 33	M- 19.3
	Low	M+ 33	M- 19.3	L 5.5

Definition: Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.

Impact:
High – Without the project, District staff likely can not perform their normal daily work. *Critical piece of equipment to repair services.*
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.

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: 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.

FY 2019-2023 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 82

I.T. Servers

RAW SCORE = 66

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		56.25
	A	<input checked="" type="checkbox"/> H+ 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. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> H 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]. (H, M, L)	
C	<input checked="" type="checkbox"/> H Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		7.50
	<input checked="" type="checkbox"/>	Promotes Emergency Recovery	
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies	
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - 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		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - 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	
	Funding Available from Other Agencies - 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.

* For this project, the Water Supply / Treatment Project priority ranking criteria was used because security for the well sites is driven by water safety.

BUILDINGS & SITE / VEHICLES PROJECTS

Priority Ranking Criteria

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here *I. T. Servers*

BUILDINGS & GROUNDS OBJECTIVE
Clean (60% of Raw Score)

Buildings and Grounds (EL 3.4) Impact = ; Probability = 60.00
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
	Med.	H- 44	M+ 33	M- 19.3
	Low	M+ 33	M- 19.3	L 5.5

Definition: Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.

Impact:
High – Without the project, District staff likely can not perform their normal daily work *Critical pieces of equipment for the District.*
 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.

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: 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.

June 20, 2018

TO: Chairperson and Directors of the Florin Resource Conservation District

FROM: Patrick Lee, Finance Manager/Treasurer

SUBJECT: **ELK GROVE WATER DISTRICT FISCAL YEAR 2018-19 OPERATING BUDGET**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors adopt Resolution No. 06.20.18.02 approving the Elk Grove Water District Fiscal Year 2018-19 Operating Budget.

SUMMARY

Elk Grove Water District staff, guided by the Finance Committee, has developed the proposed Elk Grove Water District's (EGWD) Fiscal Year (FY) 2018-19 Operating Budget for the Board's consideration. The proposed EGWD FY 2018-19 Operating Budget reflects no revenue adjustment as recommended by the 2018 Water Rate Study, which was approved by the Board on May 16, 2018, subject to the receipt and consideration of protests and comments before and during a public hearing to be conducted on July 18, 2018.

By this action, the Board would approve the proposed EGWD FY 2018-19 Operating Budget containing revenues of approximately \$14,821,253 and projected expenditures of approximately \$14,812,816, including deposits into the Repair and Replacement and Long-Term Capital Improvement Reserves of approximately \$1,445,400. The projected revenues in excess of expenditures are approximately \$8,436 which will be added to operating reserves for future use.

DISCUSSION

Background

The EGWD is a department of the Florin Resources Conservation District (FRCD) and has a fiscal year that runs from July 1 to June 30. Staff initiated a program in April to prepare the EGWD FY 2018-19 budget and this budget should be adopted by June 30,

ELK GROVE WATER DISTRICT FISCAL YEAR 2018-19 OPERATING BUDGET

Page 2

2018. Staff has continued a process that involves multiple Finance Committee and Board of Director reviews with public participation being encouraged. Staff presented the first draft of the proposed EGWD FY 2018-19 Operating Budget to the Board at the May 16, 2018 regular Board meeting. A second draft was also presented at the May 23, 2018 Special Board meeting.

During those meetings, staff received direction from the Board and has made the requested changes as directed. These changes are included in the attached budget document being recommended for adoption.

Present Situation

Staff is presenting the proposed EGWD FY 2018-19 Operating Budget to the Board for adoption. This budget does not include expenditures for the Capital Improvement Program (CIP) for FY 2018-19. The CIP is scheduled for adoption on June 20, 2018 as well, prior to this agenda item.

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 2012-2017 Strategic Plan. Adoption of an annual EGWD budget is specifically identified as a goal in the financial stability challenge section of the Strategic Plan.

FINANCIAL SUMMARY

The following changes have been made to the proposed EGWD 2018-19 Operating Budget since the May 23rd meeting:

- Salaries and Benefits: Increased by \$15,000
 - FY 2018-19 now includes a budgeted amount of \$15,000 for an internship program.

June 20, 2018

ELK GROVE WATER DISTRICT FISCAL YEAR 2018-19 OPERATING BUDGET

Page 3

- Purchased Water: Decreased by \$15,000
 - \$15,000 has been moved from the Purchased Water category to Salaries and Benefits for an internship program.

- FY 2018-19 Budget Preparation Timeline
 - Formatting modified for consistency

The attached EGWD FY 2018-19 Operating Budget contains many schedules and graphs detailing the recommended budget. Staff is recommending that the Board of Directors approve Resolution No. 06.20.18.xx, approving the proposed Elk Grove Water District Fiscal Year 2018-19 Operating Budget.

Respectfully submitted,



PATRICK LEE
FINANCE MANAGER/TREASURER

Attachments

RESOLUTION NO. 06.20.18.02

**A RESOLUTION OF THE FLORIN RESOURCE
CONSERVATION DISTRICT BOARD OF DIRECTORS
APPROVING THE ELK GROVE WATER DISTRICT
FISCAL YEAR 2018-19 OPERATING BUDGET**

WHEREAS, the Florin Resource Conservation District (FRCD) has held several public meetings to review the proposed revenues and expenditures for the Elk Grove Water District for the Fiscal Year July 1, 2018 through June 30, 2019; and

WHEREAS, the Board has received and considered the proposed Elk Grove Water District FY 2018-19 Budget submitted by the Finance Manager/Treasurer on June 20, 2018.

NOW, THEREFORE, BE IT RESOLVED by the Florin Resource Conservation District Board of Directors that:

Section 1. Approve the Total Revenues of \$14,821,253 for the proposed Elk Grove Water District FY 2018-19 Budget.

Section 2. Approve the Total Expenditures of \$14,812,816 for the proposed Elk Grove Water District FY 2018-19 Budget.

Section 3. Authorize the General Manager to redistribute allocated budgeted amounts between line items within the budget categories.

Section 4. Approve the FY 2018-19 Rate and Fee Schedule which includes a zero percent (0%) revenue adjustment effective January 1, 2019.

Section 5. Approve the FY 2018-19 Salary Schedule which includes a 2.77% cost of living adjustment.

PASSED AND ADOPTED by the Florin Resource Conservation District Board of Directors on this 20th day of June 2018 by the following vote:

**AYES:
NOES:
ABSENT:
ABSTAIN:**

Tom Nelson
Chairperson of the Board of Directors

ATTEST:

Stefani Phillips
Board Secretary



ELK GROVE WATER DISTRICT

Fiscal Year 2018-2019

OPERATING BUDGET



A DEPARTMENT OF THE
Florin Resource Conservation District

**Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018**

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GOVERNING VALUES

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

-) **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.

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018



To: Florin Resource Conservation District Board of Directors
From: Mark J. Madison, General Manager
Date: June 20, 2018
Subject: **ELK GROVE WATER DISTRICT FY 2018-19 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, 2018. 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 this past fiscal year (FY) 2017-18 in controlling costs to maintain financial stability. This was aided as EGWD revenues are anticipated to be higher than budgeted by approximately \$752,000. Overall, the bottom-line (Revenues in Excess of Expenditures) is projected to close approximately \$488,000 higher than the projection in the EGWD FY 2017-18 Operating Budget. The primary cost savings were achieved in salaries and benefits, office and operational, purchased water, and careful monitoring of expenditures throughout the year. These savings were offset by the capitalization of less labor costs than budgeted.

Salary and benefit costs during FY 2017-18 are projected to be down by approximately \$95,000 and this is largely due to unfilled vacancies and previous estimates that were over budgeted. The Employee Cost Control Program (ECCP) also continued to stabilize retirement and health care costs.

Office and Operational costs are projected to be approximately \$77,000 under budget and this is primarily due to lower costs associated with materials and savings in postage for unexpected mailings that did not occur.

Expenditures for purchased water are projected to be approximately \$65,000 under budget. This savings is derived from budgeting purchase water costs at a rate increase of 2.26% for FY 2017-18 as estimated by the Sacramento County Water Agency when the rate actually decreased by 3.71%. This decrease in rate was offset by an increase in water consumption as conservation requirements were scaled down.

The proposed FY 2018-19 budget is balanced and revenues are projected to exceed expenditures by approximately \$8,436. Revenues are projected to increase approximately \$527,156 in FY 2018-19,

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despite no projected revenue adjustments based on the 2018 Water Rate Fee Study approved by the Board on May 16th, 2018, subject to the receipt and consideration of protests and comments before and during a public hearing to be conducted on July 18th, 2018. Information on this Rate Study and the anticipated revenue increase is provided in the Financial Overview section of this budget document.

EGWD expenditures have been reduced to the maximum extent possible and to a level, which nearly matches forecasted revenues. The proposed FY 2018-19 Operating Budget also reflects a 2.77% cost-of-living adjustment applied to salaries.

Certain expenditures are expected to inflate, and the notable examples include medical costs (up 6.0%), purchase water costs (up 2.81%) and election costs (\$150,000) which is only incurred biennially. It should be noted that the medical costs would have otherwise increased by 10%, but that increase is tempered by selected employees who have now reached their cap under the EGWD defined medical contribution element of the ECCP.

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 2018-19 include service replacements for backyard water mains and a well pump replacement. Cost estimates for next year's projects are \$1,445,400 and this 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 covenants.

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 Elk Grove Water District will continue to maintain financial discipline during FY 2018-19 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

Although some businesses can cut costs by shutting down non-critical units, in water service, all components are necessary to the health and safety of the public. It is impossible to cut costs by pumping less water than the public requires or by cutting back on the quality of standards. People require safe, sufficient water at all times, so water districts must maintain a quality operation at all times.

The American Water Works Association (AWWA) 2017 State of the Water Industry Report has identified the top three issues facing the water industry as: 1) renewal and replacement of infrastructure; 2) financing for capital improvements; and 3) long-term water supply availability.

The issues identified above resonate with the EGWD, as it carries nearly \$46 million dollars in outstanding revenue bond obligations, the bulk of which were issued for infrastructure replacement and the building of the Railroad Water Treatment and Storage Facility. About \$3.8 million of revenue is paid annually to principal and interest on these bonds, the single highest budget expense to the EGWD. The District must balance payments of existing obligations against new project costs.

In a poll completed by the AWWA covering all North American utilities (water, wastes water, combined, etc.), 40% of respondents reported declining water sales. On April 7th, 2017 Governor Jerry Brown issued an executive order that ended the drought emergency declaration in most of the state that had been in effect since 2014. Pursuant to that declaration, certain water use restrictions have been lifted. Even with certain restrictions lifted, the decline in water sales is attributed to certain conservation efforts, such as installing water efficient appliances and water efficient landscaping, that result in long-term water use reductions. Consequently, the EGWD expects to see continued increasing water sales, but not at the rate experienced prior to California's recent drought.

The current and future stability of the EGWD is positive with the existing revenue source remaining stable. Revenues are received entirely through water rates and fees. As the local economy continues to improve, the number of service connections for the EGWD has remained relatively stable. Although the number of service connections have remained stable, the volume of water sold is on the increase as this region, and the State, continue to emerge from the drought.

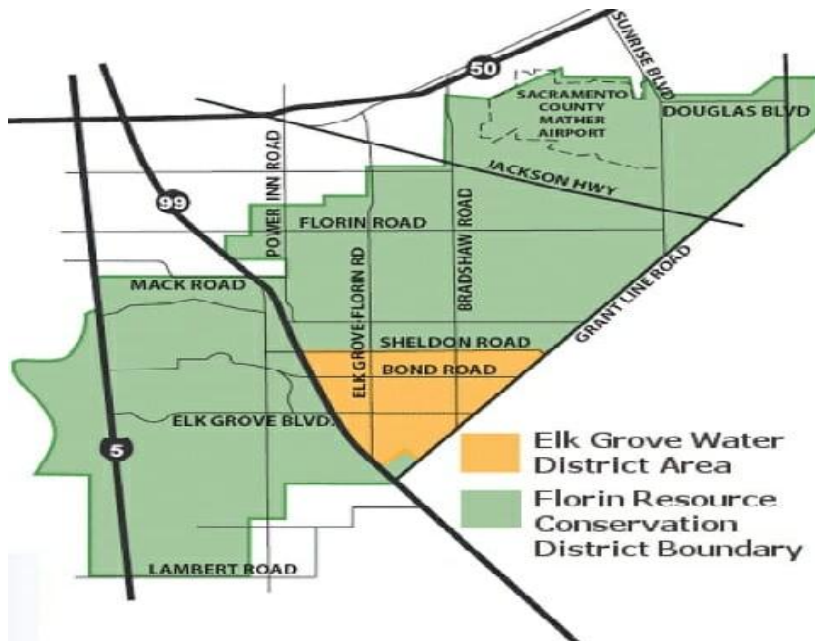
ELK GROVE WATER DISTRICT FINANCIAL OVERVIEW

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 Elk Grove Water District (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 two volunteer associate Board members. Board members serve four-year, staggered terms. FY 2018-19 includes election costs for three Directors whose terms end December 31, 2018. 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 46,000 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 and the treatment and storage

facility on Railroad Street. 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 purchased water from the Sacramento County Water Agency under a long-term agreement. The EGWD also has a robust Capital Improvement Program, which includes many projects to maintain outstanding customer service and water quality that meets all drinking water standards.

Accounting and Financial Practices

The EGWD adopts an annual operating budget and an annual Capital Improvement Program to ensure the adequacy of resources to meet EGWD needs and to accomplish the EGWD's mission. As required by certain debt covenants, the annual operating budget is evaluated to ensure that net revenues, as defined by the various debt covenants, are equal to or exceed a minimum of 115 percent of the anticipated debt service for the budget year.

The EGWD's budget process begins with a Leadership Team Budget Kickoff Workshop to discuss timeline and identify goals and objectives. Each department head is then responsible for developing their departmental budget for submission to the Finance Department. The Finance Department prepares the revenue budget and compiles the various department budgets. 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.

Finance Committee and Board meetings are held to present and discuss the draft budget with the Board of Directors and interested members of the public. Feedback from those meetings are used to adjust the draft budget, if necessary. The final budget is then taken to the Board of Directors in June each year for budget adoption.

EGWD's accounting and budgetary records are maintained using the 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 detailed in this document is used as a management tool for projecting and measuring revenues and expenses.

The General Manager controls the budget at the operating level and budgets are monitored by each respective department head. Budget to actual reports are prepared by the Finance Department and presented to the Board of Directors on a monthly basis. Upon request from staff and approval by the Board of Directors, reserve funds may be transferred or added to budget line items.

Current Financial Plans

On May 16th, 2018 the 2018 Water Rate Study was approved by the Board, subject to the receipt and consideration of protests and comments before and during a public hearing to be conducted on July 18th, 2018. At the time of approval by the Board, subject to the receipt and consideration of protests and comments, the water rate study 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%

Revenue adjustments are necessary to fund various projects and to pay for increased operations cost, primarily due to inflation.

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 District 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. This has assisted in mitigating revenue adjustments in FY 2017-18 and will also contribute towards the need for no revenue adjustments in FY 2018-19.

Staff conducts a review of the expenditures and revenues on an annual basis to see if the scheduled rates can be mitigated if possible. The 2018 Water Rate Study is recommending no revenue adjustments for the next fiscal year and staff will continue to review revenues and expenditures annually to determine whether revenue adjustments are required.

Pension and other Post-Employment benefits

The EGWD's retirement program remains with the California State Public Employees Retirement System (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. Three retired employees receive these benefits, which is financed through a trust fund that the EGWD funds on an annual basis. The EGWD pays the medical, dental, and vision insurance premiums for employees (and qualified spouse) that are enrolled in 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.



June 20, 2018

RESOLUTION NO. 06.21.17.03

RESOLUTION OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS APPROVING THE ELK GROVE WATER DISTRICT FISCAL YEAR 2017-18 OPERATING BUDGET

WHEREAS, the Florin Resource Conservation District (FRCD) has held several public meetings to review the proposed revenues and expenditures for the Elk Grove Water District for the Fiscal Year July 1, 2017 through June 30, 2018; and

WHEREAS, and the Board has received and considered the proposed Elk Grove Water District FY 2017-18 Budget submitted by the Finance Manager/Treasurer on June 21, 2017.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Florin Resource Conservation District, hereby:

1. Approve the Total Revenues of \$14,294,096 for the proposed Elk Grove Water District FY 2017-18 Budget.
2. Approve the Total Expenditures of \$14,298,051 for the proposed Elk Grove Water District FY 2017-18 Budget.
3. Authorize the General Manager to redistribute allocated budgeted amounts between line items within the budget categories.
4. Approve FY 2017-18 Rate and Fee Schedule which includes a three percent (3%) water rate increase effective January 1, 2018.
5. Defer one and one-half percent (1½%) of the annual water rate increase scheduled January 1, 2018 to a future year.
6. Approve FY 2017-18 Salary Schedule.

PASSED, APPROVED, AND ADOPTED this 21st day of June 2017.

AYES: Gray, Medina, Nelson, Sabin & Scherman
NOES:
ABSENT:
ABSTAIN:



Tom Nelson
Chairman of the Board of Directors

ATTEST:



Stefani Phillips
Secretary to the Board of Directors

FY 2018-19 BUDGET PREPARATION TIMELINE

April 2 – 1:00 pm, Leadership Team Budget Kick-Off.

April 2 – 2:00 pm, Staff meeting to kick off the CIP review.

April 11 – 6:30 pm, Infrastructure Committee meeting to discuss the 1st draft of the FY 2019-23 CIP.

April 12 – All department budget initial requests are due to FM.

April 16 – FM submits to the GM the compiled, multi-colored, budget spreadsheet for first comprehensive review.

April 18 – Present to the Board the 3rd quarter financial report.

April 19 – 9:00 am, Leadership Team meeting to review the first version of the budget spreadsheet.

April 23 – GM to provide first round comments and revisions back to FM.

April 25 – FM makes the required revisions and disperses the first version of the budget spreadsheet to the Finance Committee (Board).

May 1 – 6:30 pm, Infrastructure Committee meeting to go over 2nd draft of the CIP (if necessary).

May 2 – 6:30 pm, The first Finance Committee is held.

May 9 – Leadership team to complete first cut at the actual budget document.

May 16 – Issue the 1st cut of the actual budget document to the Finance Committee.

May 16 – Present to the Board Y-T-D budget to actual data thru April 30th and address selected issues brought about at the May 2nd Finance Committee Meeting.

May 23 – 6:30 pm, 2nd Finance Committee Meeting – Review 2nd draft of the colored budget spreadsheet and the 1st cut of the actual budget document.

May 30 – Issue revised budget to Finance Committee (if necessary).

June 6 – Placeholder for a 3rd Finance Committee Meeting (if necessary).

June 13 – Complete all budgets and issue them to the Board.

June 20 – Board considers all budgets for adoption.

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

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**Elk Grove Water District
Budgeted Revenues and Expenditures by Category
For the Fiscal Year ending June 30, 2019**

<u>Expenditure</u>	FY14-15 Actual	FY15-16 Actual	FY16-17 Actual	FY 17-18 Budget	FY 17-18 Projected	FY18-19 Budget	Change in Budget
Revenues	\$13,185,839	\$13,475,169	\$14,210,971	\$14,294,096	\$15,045,916	\$14,821,253	\$ 527,156
Salaries and Benefits	3,196,675	3,189,015	3,565,721	4,109,177	4,014,431	4,167,812	58,636
Seminars, Conventions and Travel	26,659	37,174	29,137	50,500	28,547	49,280	(1,220)
Office and Operational	1,026,891	707,042	969,217	984,881	907,484	1,137,527	152,646
Purchased Water	2,587,097	2,417,349	2,732,016	3,010,765	2,945,715	3,178,328	167,563
Outside Services	753,921	690,072	610,219	941,110	904,421	975,178	34,068
Equipment Rent, Taxes and Utilities	339,590	317,479	358,058	408,999	371,895	438,900	29,900
Subtotal Operational Expenditures	7,930,833	7,358,131	8,264,368	9,505,432	9,172,492	9,947,025	441,593
Less: Capitalized Labor	(470,098)	(509,238)	(528,352)	(560,829)	(179,295)	(453,517) *	107,312
Total Operational Expenses	7,460,735	6,848,893	7,736,016	8,944,602	8,993,197	9,493,508	548,905
Non-Operating Expenditures (Income)	4,222,899	3,560,569	3,346,863	3,698,449	3,913,456	3,873,909	175,460
Capital Equipment and Expenditures	-	1,550,000	1,700,000	1,700,000	1,700,000	1,445,400	(254,600)
Total Net Expenditures	11,683,634	11,959,462	12,782,879	14,343,051	14,606,653	14,812,816	469,765
Revenues In Excess of Expenditures, Principal Retirement and Capital Labor	\$ 1,502,205	\$ 1,515,707	\$ 1,428,092	\$ (48,955)	\$ 439,263	\$ 8,436	\$ 57,391

* This represents approximately 55% of Salaries and Benefits of the Utility Division which will be charged to the Capital Improvement Program

BUDGET HIGHLIGHTS

FISCAL YEAR 2018-19

The Elk Grove Water District (EGWD) budget for fiscal year (FY) 2018-19 projects total operating revenues of approximately \$14.821 million and total expenditures of approximately \$14.813 million including Capital Improvement and Capital Repair & Replacement Reserve contributions of approximately \$1.445 million. The projected revenues in excess of expenditures are approximately \$8,436, which will be added to operating reserves for future use. This budget reflects no revenue adjustment for FY 2018-19, as recommended by the 2018 Water Rate Study approved by the Board on May 16th, 2018, subject to the receipt and consideration of protests and comments before and during a public hearing to be conducted on July 18th, 2018.

Despite many non-discretionary cost increases, staff undertook exhaustive efforts to find cost reductions as well as minimize increases and these are reflected in the proposed FY 2018-19 budget. The proposed budget has an increase in total expenditures of \$469,765 (3.28%) from the adopted budget for FY 2017-18. The major highlights are listed below and comparisons made are against the budgeted amounts for FY 2017-18.

-) This budget reflects no revenue adjustment for FY 2018-19, as recommended by the 2018 Water Rate Study approved by the Board on May 16th, 2018, subject to the receipt and consideration of protests and comments before and during a public hearing to be conducted on July 18th, 2018.
-) This budget is also based on one position, Customer Service Representative I, which has been eliminated and another 2 positions, Water Distribution Operator II and Associate Civil Engineer, that are currently vacant and have been frozen in FY 2018-19 and therefore have not been funded.
-) The Total Salaries and Benefit budgeted costs will increase by \$58,636 (1.43%).
 - o Salary costs will increase by a 2.77% cost of living adjustment. While this year's budget includes \$117,871 for Holiday Pay, \$147,716 for vacation pay and \$104,797 for personal time off pay, these reductions are being made to reflect the Exempt and Non-Exempt Salaries by like amounts.
 - o Total benefits costs will increase \$50,039 (3.45%). Medical Benefits are increasing by \$6,144 (0.85%), Dental/Vision/Life Insurance is decreasing by \$1,808 (2.80%), Retirement Benefit costs are increasing by \$3,559 (0.96%), OPEB costs are increasing by \$67,350 (72.61%) and Worker's Compensation costs are decreasing by \$23,278 (18.79%).

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- Education Assistance will decrease by \$8,800 (77.88%) based on prior years actual expenditures for employees pursuing job-related education that will enhance their skills and abilities.
-) Seminars, Conventions and Travel will decrease by \$1,220 (2.42%).
-) Total Office and Operational Costs will increase by \$152,646 (15.50%).
 - Association Dues are increasing by \$25,432 (25.66%) as a result of Sacramento Central Groundwater Authority (SCGA) dues being budgeted for in Association Dues in FY 2018-19 as opposed to Permits in FY 2017-18.
 - Repair and Maintenance – Building is increasing by \$16,000 (88.89%) primarily due to estimated costs for repairs to the Districts administrative building.
 - Repair and Maintenance – Equipment is increasing by \$49,000 (75.38%) based on estimated costs to repair and replace deteriorating District construction equipment.
 - Materials is decreasing by \$25,000 (16.67%) based on actual expenditures from FY 2017-18.
 - Chemical costs are increasing by \$10,000 (20.00%) following improvements to the Hampton Village Water Treatment Plant and the need for more chemicals.
 - Meter Repairs is increasing by \$18,000 (150.00%) due to the anticipated meter change outs for schools occurring in FY 2018-19.
 - Permits is decreasing by \$27,150 (33.03%) as a result of SCGA dues being budgeted under Association Dues in FY 2018-19 as opposed to Permits in FY 2017-18.
 - Printing is increasing \$12,600 (279.96%) as a result of not capturing the budgeted amount of \$15,000 in printing in the FY 2017-18 Operating Budget.
 - Safety Equipment is increasing by \$24,350 (342.96%) for camera and sensor safety equipment for EGWD fleet.
 - Software Program and Updates is increasing \$40,394 (43.50%) due to an increase in cost of annual software licensing and to bring HR and Finance software up to date to the most current versions.
 - Supplies is increasing \$12,200 (58.65%) as a result of not capturing the budgeted amount of \$14,000 in supplies in the FY 2017-18 Operating Budget.
-) Purchased Water will increase by \$167,563 (5.57%) due to increased consumption as mandatory drought related conservation efforts have been reduced by the State. Variable rate charges by the Sacramento County Water Agency (SCWA) are anticipated to increase to \$1.32 per centum cubic feet (CCF) (2.81%). In addition, the SCWA base charge is anticipated to remain the same at \$28.80 per account, per month.
-) Outside Services for the proposed budget are being increased by \$34,068 (3.62%). The primary causes are:

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018

- Contracted Services will increase \$129,260 (55.59%) primarily due to the contracting of additional IT support and temporary staffing support for customer service.
 - Engineering costs will increase by \$25,000 (33.33%) based on costs related to a feasibility assessment for potential future capital projects.
 - Legal Services will decrease by \$30,000 (14.63%) due to projecting a decrease in legal services.
 - Financial Consultants will decrease by \$60,000 (70.59%) due to the completion of the FY 2018 Water Rate Fee Study in FY 2017-18 which will set rates for the next five years.
 - Security will decrease by \$46,700 (67.98%) due to IT support being budgeted under Contracted Services in FY 2018-19 as opposed to Security in FY 2017-18.
-) Equipment Rent, Taxes and Utility costs will increase \$29,900 (7.31%) as a result of anticipated increased electricity, sewer and garbage costs.
-) Capital Improvement Funding includes contributions to the Repair & Replacement Reserve, as well as the Long-Term Capital Improvement Reserve for a total of \$1,445,400 which approximates the total Capital Improvement Program budget for FY 2018-19.
-) Bond interest expenses will decrease by \$79,440 (4.33%) while bond principal retirements will increase by \$80,000 (4.02%).
-) There is an increase of \$150,000 in the budget for election costs for elections taking place in FY 2018-19.
-) This budget anticipates capitalizing \$453,517 of Salaries and Benefits for capital improvements constructed by the Distribution and Utility Departments, which are funded in the Five-Year Capital Improvement Program.
-) The budget as recommended will meet bond covenant requirements as follows:
- Covenant – 1.39 (1.15 required)
-) The Board will adopt a Five-Year Capital Improvement Program (CIP) which will only appropriate funding for the CIP projects scheduled in FY 2018-19.
-) 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.

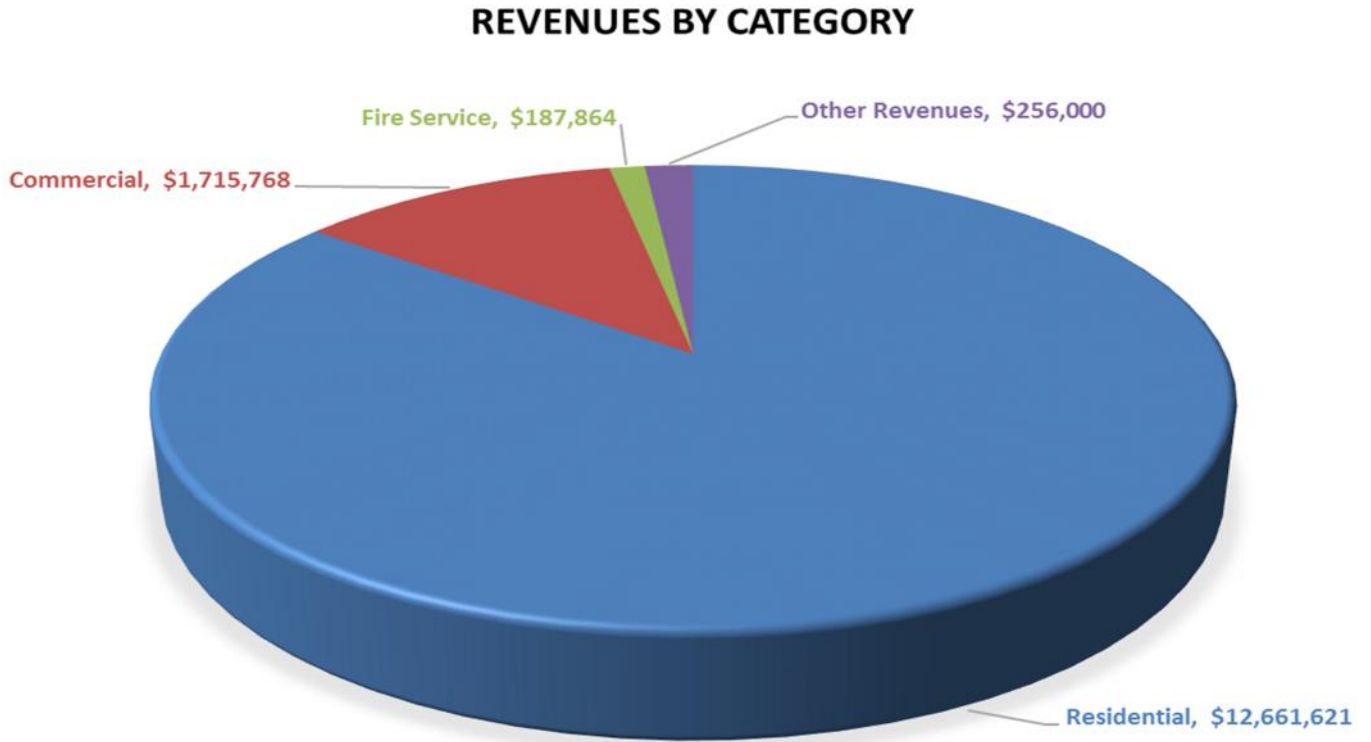
More detailed information is available in the following budget.

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018

Elk Grove Water District
Budgeted Revenue Accounts Detail
For the Fiscal Year ending June 30, 2019

<u>Account#</u>	<u>Description</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 17-18</u>	<u>FY 18-19</u>
		<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Budget</u>	<u>Projected</u>	<u>Requested Budget</u>
4100	Water Payment Revenues - Residential	\$11,248,017	\$11,235,110	\$12,220,127	\$12,259,300	\$12,649,525	\$ 12,681,621
4110	Water Payment Revenues - Commercial	1,590,139	1,700,718	1,525,449	1,595,247	1,693,703	1,715,768
4120	Water Payment Revenues - Fire Service	126,084	134,672	188,543	198,550	171,692	187,864
4200	Meter Fees/Plan Check/Water Capacity	29,346	197,091	72,188	30,000	288,008	30,000
4300	Backflow Install EGWD	70,456	47,107	23,948	25,000	15,700	25,000
4520	Door Hanger Fees	121,950	109,275	121,850	120,000	160,938	115,000
4540	New Account Fees	24,330	23,700	26,640	25,000	23,505	25,000
4550	NSF Fees	2,975	2,520	3,430	3,000	4,008	3,000
4570	Shut-off Fees	60,500	43,050	51,425	50,000	63,914	50,000
4580	Credit Card Fees	5,505	8,009	8,480	8,000	10,273	8,000
4900	Customer Refunds	(93,464)	(26,083)	(31,109)	(20,000)	(35,349)	(20,000)
	Total Revenues	\$13,185,839	\$13,475,169	\$14,210,971	\$14,294,096	\$15,045,916	\$ 14,821,253

TOTAL REVENUES BY CATEGORY



Other Revenues include:

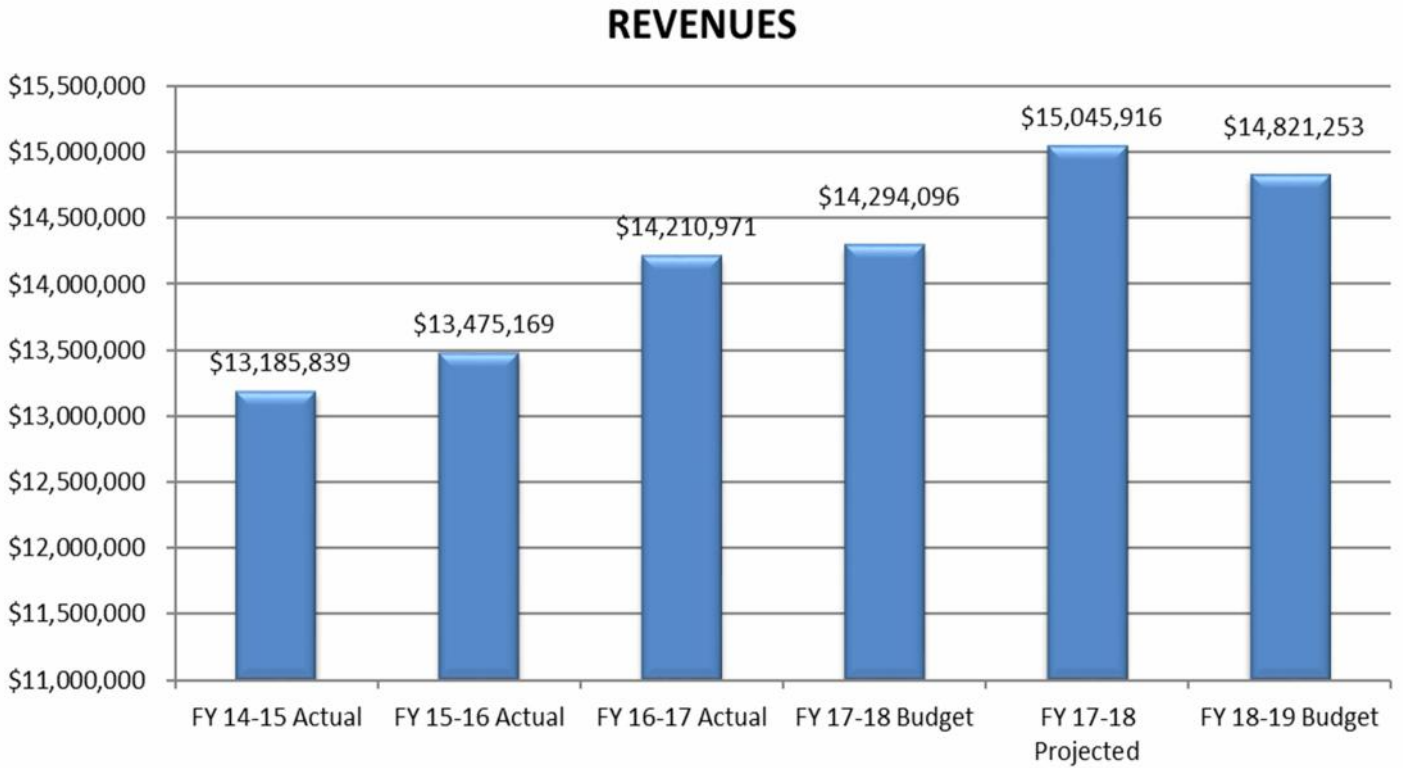
-) Meter Fees/Plan Check/Water Capacity
-) Door Hanger Fees
-) New Account Fees
-) NSF Fees
-) Credit Card Fees
-) Backflow Prevention Installations

Commercial Revenues Include:

-) Non-Residential Revenue
-) Irrigation Revenue

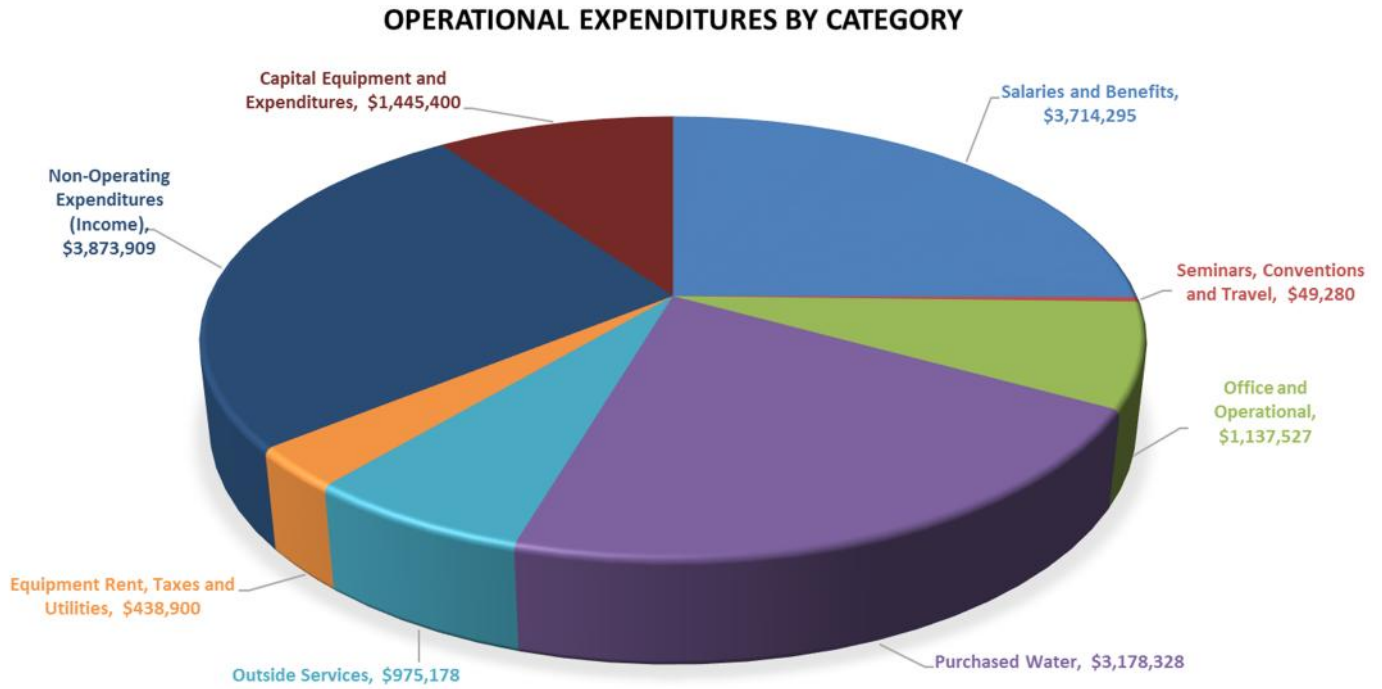
Note: Residential Revenue in this chart is net of customer refunds.

TOTAL REVENUES FISCAL YEARS 2014-15 THROUGH 2018-19



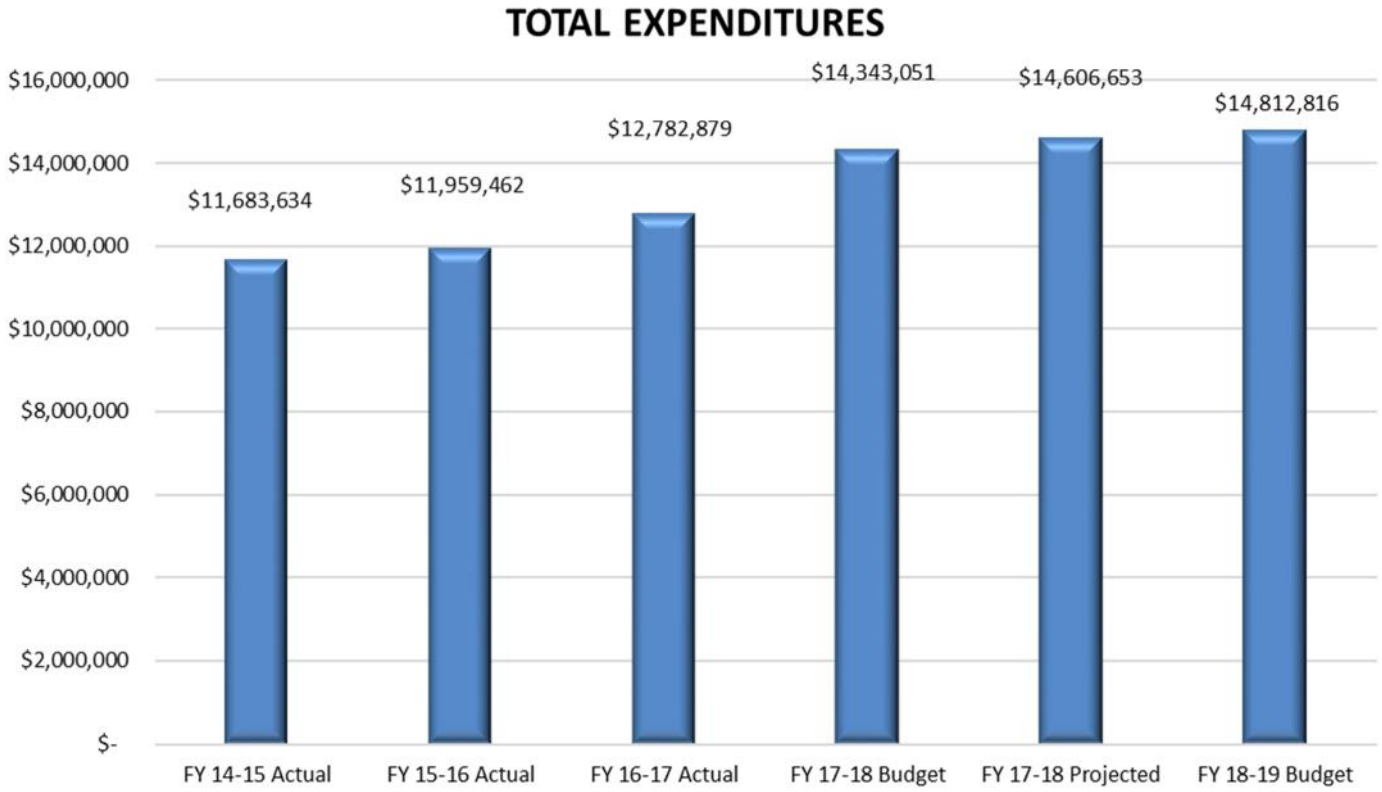
The FY 2018-19 Budget contains no revenue adjustment, as recommended in the 2018 Water Rate Study, approved by the Board of Directors on May 16th, 2018, subject to the receipt and consideration of protests and comments before and during a public hearing to be conducted on July 18th, 2018.

TOTAL NET EXPENDITURES \$14,812,816



Note: Total Salaries and Benefits Expenditures are net of capitalized labor costs of \$453,517, which is included in total Capital Equipment and Expenditures.

TOTAL NET EXPENDITURES FISCAL YEARS 2014-15 THROUGH 2018-19



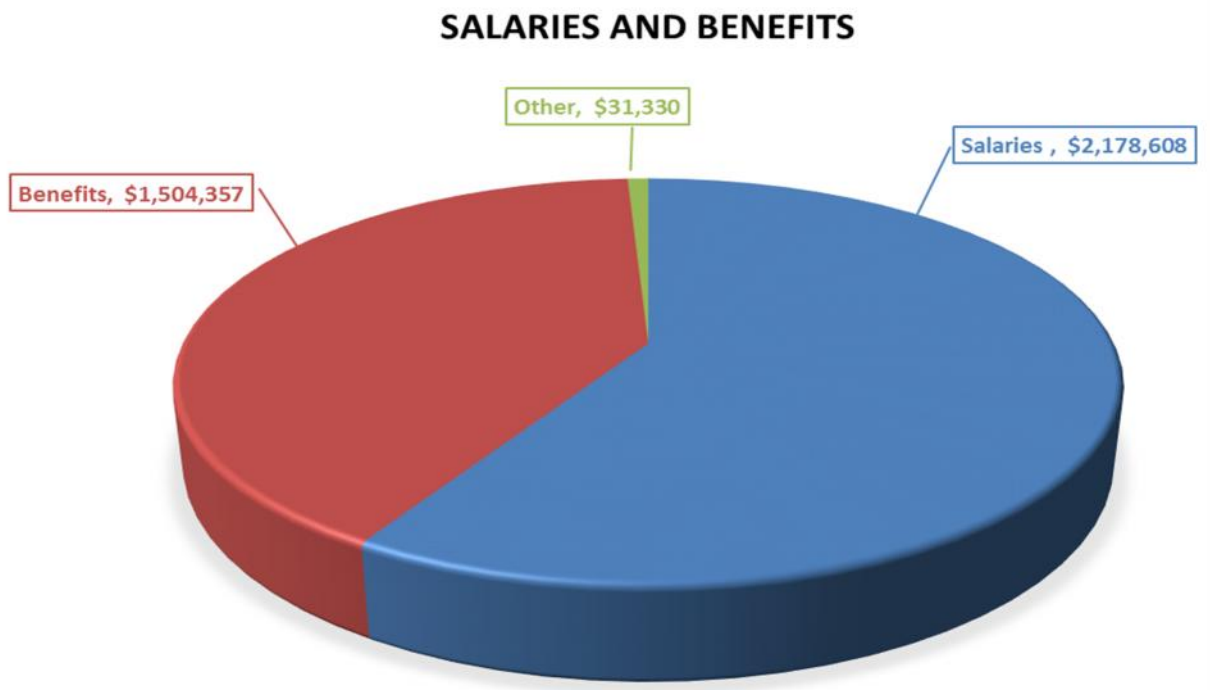
Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018

**Elk Grove Water District
Budgeted Salaries and Benefits Accounts Detail
For the Fiscal Year ending June 30, 2019**

<u>Account#</u>	<u>Description</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 17-18</u>	<u>FY 18-19</u>
		<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Budget</u>	<u>Projected</u>	<u>Requested Budget</u>
5100	Executive Salary	\$ 153,097	\$ 162,686	\$ 163,831	\$ 195,226	\$ 141,120	\$ 201,602
5110	Exempt Salaries	476,125	486,577	511,040	524,199	497,475	533,379
5120	Non-Exempt Salaries	1,183,188	1,093,622	1,200,261	1,469,064	1,415,827	1,437,510
5130	Overtime Compensation	45,062	44,308	39,278	56,300	61,639	56,000
5140	On Call Pay	18,270	18,326	18,199	18,250	17,800	18,250
5150	Holiday Pay	88,233	84,992	104,736	118,483	132,532	117,871
5160	Vacation Pay	109,284	127,130	129,244	121,459	137,479	147,716
5170	Personal Time Pay	79,245	77,581	110,052	94,787	110,997	104,797
5180	Internship Program	-	-	-	15,000	-	15,000
5200	Medical Benefits	499,325	527,568	568,711	720,244	715,328	726,388
5195	EAP	820	842	825	960	919	834
5201	EGWD Contribution H.S.A	-	10,400	13,149	15,000	13,219	15,000
5210	Dental/Vision/Life Insurance	50,983	48,672	50,227	64,665	65,165	62,858
5220	Retirement Benefits	273,439	261,030	247,260	371,962	357,497	375,521
5225	Retirement Benefits - Post Employment	73,169	93,767	243,577	92,760	152,885	160,110
5230	Medical Tax, Social Security and SUI	45,161	44,123	45,154	62,353	54,137	60,551
5240	Worker's Compensation Insurance	78,504	86,261	94,085	123,873	123,873	100,595
5250	Education Assistance	4,687	9,069	17,062	11,300	3,421	2,500
5260	Employee Training	15,103	9,760	7,286	29,640	9,969	27,550
5270	Employee Recognition	2,694	1,886	1,577	2,520	2,896	2,750
5280	Meetings	286	415	167	1,130	252	1,030
	Less Capitalized Labor	(470,098)	(509,238)	(528,352)	(560,829)	(179,295)	(453,517)
		<u>\$2,726,577</u>	<u>\$2,679,777</u>	<u>\$3,037,369</u>	<u>\$3,548,347</u>	<u>\$3,835,136</u>	<u>\$ 3,714,295</u>

TOTAL NET SALARIES AND BENEFITS \$3,714,295*



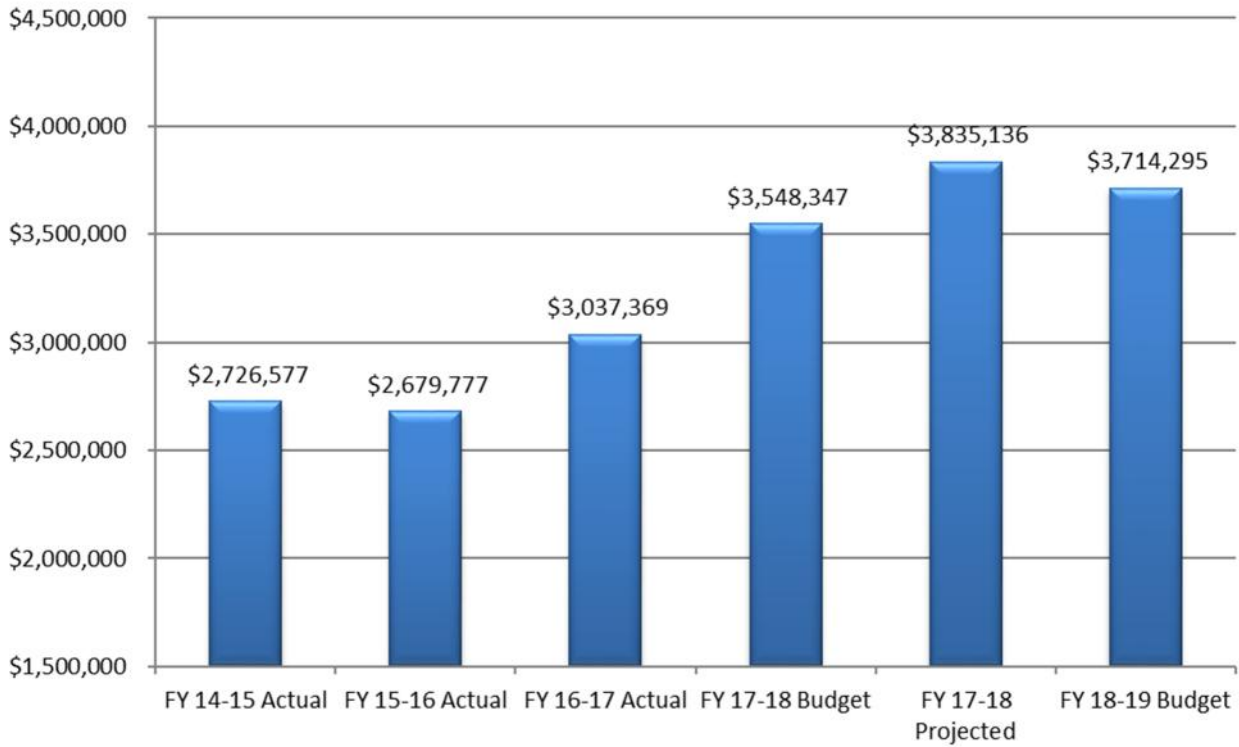
The Other Expenditure Categories include:

-) Employee Training
-) Employee Recognition
-) Meetings

*The total Salaries and Benefits are net of capitalized labor costs of \$453,517 for capital improvements constructed by the Distribution and Utility Departments.

TOTAL SALARIES AND BENEFITS FISCAL YEARS 2014-15 THROUGH 2018-19

TOTAL SALARIES AND BENEFITS



Note: Salaries and Benefits are net of labor costs of \$453,517 that will be capitalized for the capital improvements constructed by the Distribution and Utility Departments.

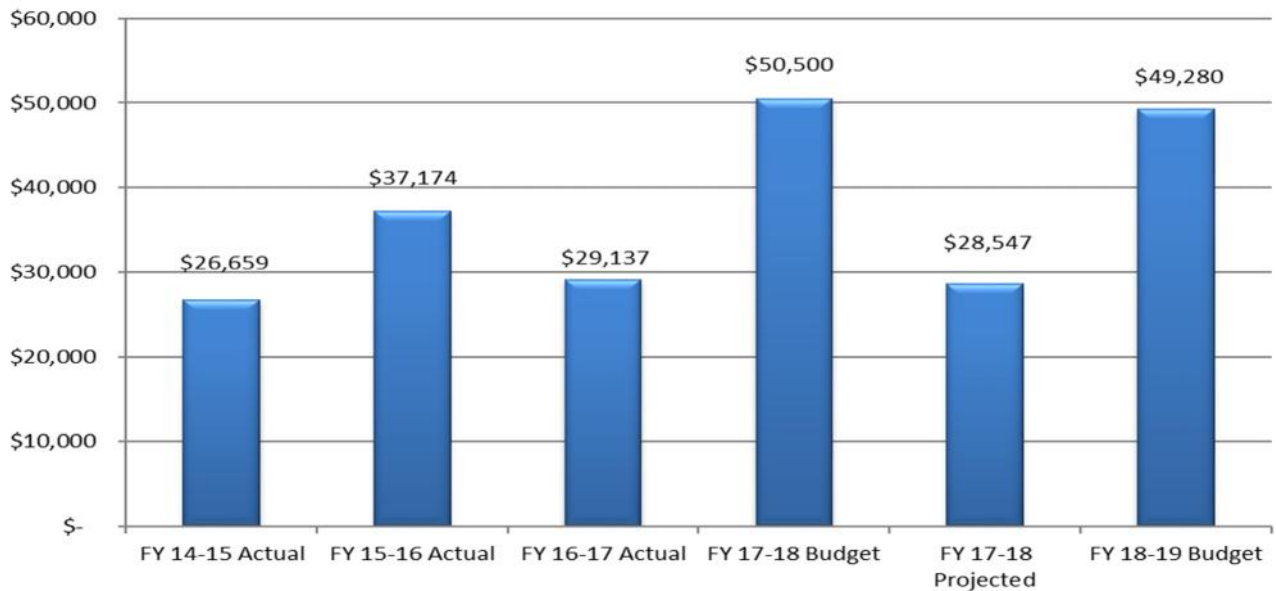
Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018

TOTAL SEMINARS, CONVENTIONS AND TRAVEL FISCAL YEARS 2014-15 THROUGH 2018-19

Elk Grove Water District
Budgeted Seminars, Conventions and Travel Accounts Detail
For the Fiscal Year ending June 30, 2019

Account#	Description	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Actual	FY 17-18 Budget	FY 17-18 Projected	FY 18-19 Requested Budget
5300	Airfare	\$ 3,035	\$ 2,273	\$ 2,100	\$ 4,100	\$ 2,247	\$ 6,100
5310	Hotels	6,318	11,836	7,431	11,800	5,357	14,200
5320	Meals	4,109	6,477	3,315	5,730	3,055	5,430
5330	Auto Rental	336	1,488	10	1,900	-	1,900
5340	Seminars & Conferences	6,630	8,540	7,184	11,400	8,500	10,800
5345	Seminars & Conferences - Board	-	-	1,807	7,820	1,997	2,800
5350	Mileage Reimbursement, Parking, Tolls	1,391	1,680	1,290	1,750	1,391	2,050
5375	Auto Allowance	4,840	4,880	6,000	6,000	6,000	6,000
		<u>\$ 26,659</u>	<u>\$ 37,174</u>	<u>\$ 29,137</u>	<u>\$ 50,500</u>	<u>\$ 28,547</u>	<u>\$ 49,280</u>

SEMINARS, CONVENTIONS AND TRAVEL



Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

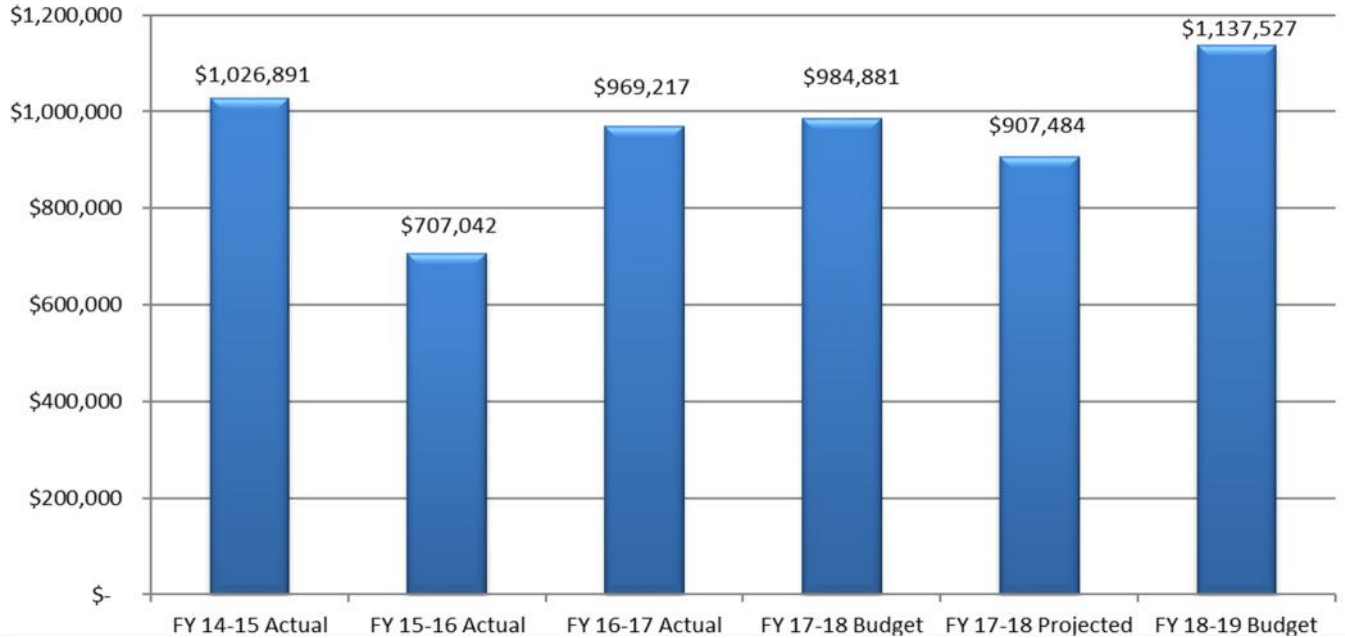
June 20, 2018

**Elk Grove Water District
Budgeted Office and Operational Accounts Detail
For the Fiscal Year ending June 30, 2019**

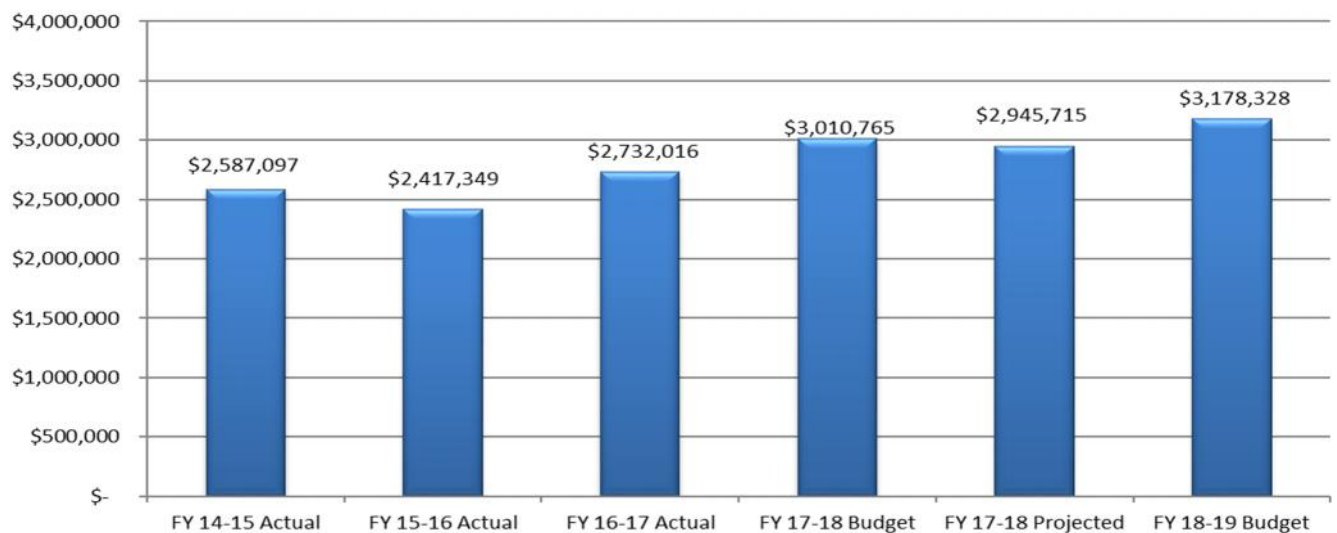
<u>Account#</u>	<u>Description</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 17-18</u>	<u>FY 18-19</u>
		<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Budget</u>	<u>Projected</u>	<u>Requested Budget</u>
5410	Advertising	\$ 11,239	\$ 8,129	\$ 6,420	\$ 5,000	\$ 5,575	\$ 6,000
5415	Association Dues	61,518	66,881	77,585	99,112	106,319	124,544
5420	Insurance	76,462	74,280	125,199	87,890	81,637	86,533
5425	Licenses, Certifications, Fees	13,488	3,305	3,147	3,600	2,437	3,185
5430	Repairs & Maintenance - Automotive	28,486	32,122	48,093	46,300	28,767	47,500
5432	Repairs & Maintenance - Building	9,067	10,963	25,902	18,000	16,240	34,000
5434	Repairs & Maintenance - Computers	21,591	25,235	33,518	24,759	15,459	30,000
5435	Repairs & Maintenance - Equipment	95,168	58,482	51,231	65,000	101,032	114,000
5438	Fuel	38,424	33,684	34,033	51,600	34,788	51,000
5440	Materials	268,654	63,612	157,244	150,000	85,563	125,000
5445	Chemicals	14,813	13,886	19,507	50,000	39,315	60,000
5450	Meter Repairs	5,179	7,870	6,563	12,000	18,211	30,000
5453	Permits	39,318	35,250	93,895	82,200	110,685	55,050
5455	Postage	73,556	64,104	65,102	85,300	48,728	76,700
5460	Printing	14,693	7,909	6,686	4,500	3,100	17,100
5465	Safety Equipment	3,428	4,149	13,164	7,100	5,749	31,450
5470	Software Programs & Updates	146,911	99,326	103,776	92,868	106,385	133,261
5475	Supplies	29,849	28,580	22,191	20,800	32,475	33,000
5480	Telephone	35,983	39,976	36,395	39,652	39,103	41,004
5485	Tools	23,834	6,802	22,877	10,000	5,025	10,000
5490	Clothing Allowance	7,449	9,440	9,691	10,200	5,203	9,200
5491	EGWD - Other Clothing	7,782	9,188	6,998	9,000	5,136	9,000
5493	Water Conservation Materials	-	3,869	-	10,000	10,553	10,000
		<u>1,026,891</u>	<u>707,042</u>	<u>969,217</u>	<u>984,881</u>	<u>907,484</u>	<u>1,137,527</u>
5495	Purchased Water	\$ 2,587,097	\$ 2,417,349	\$ 2,732,016	\$ 3,010,765	\$ 2,945,715	\$ 3,178,328

TOTAL OFFICE AND OPERATIONAL AND PURCHASED WATER FISCAL YEARS 2014-15 THROUGH 2018-19

OFFICE AND OPERATIONAL EXPENDITURES



PURCHASED WATER COSTS



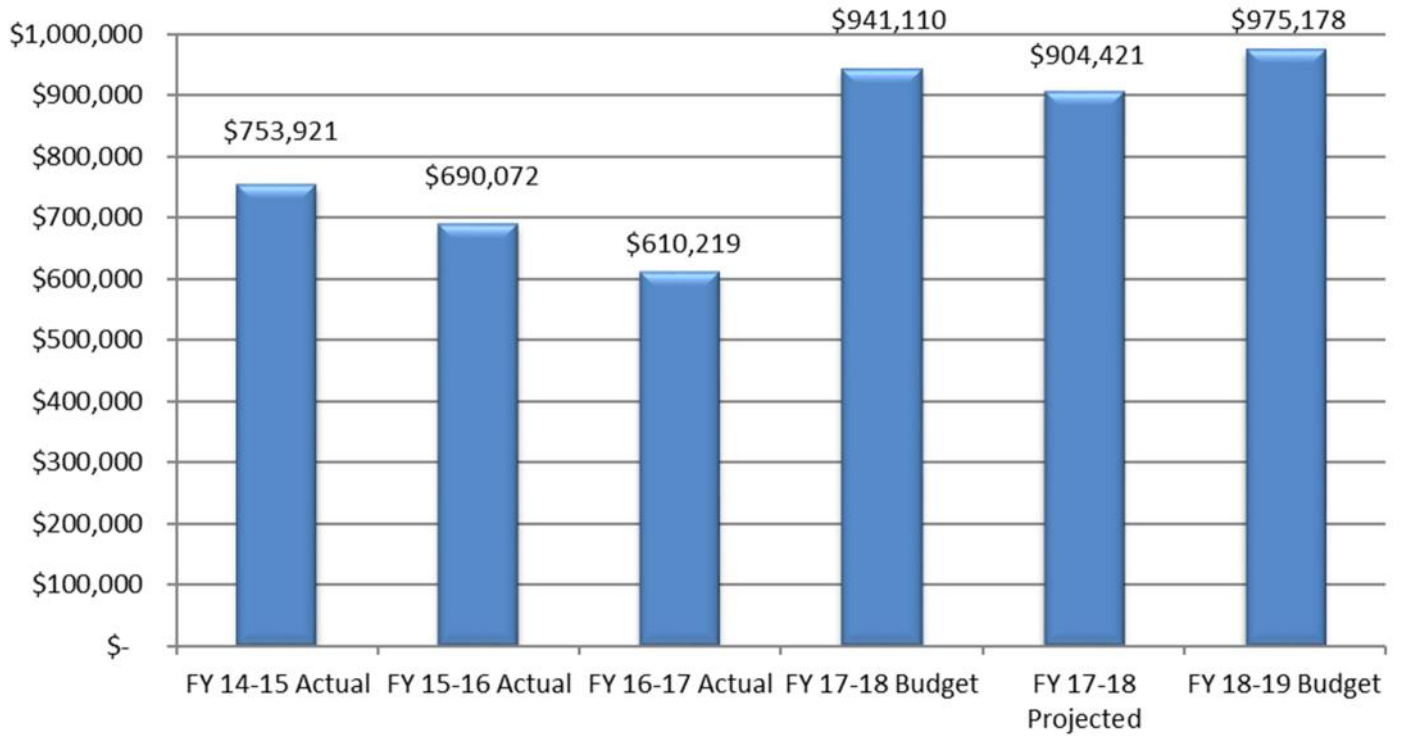
Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018

Elk Grove Water District
Budgeted Outside Services Accounts Detail
For the Fiscal Year ending June 30, 2019

Account#	Description	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Actual	FY 17-18 Budget	FY 17-18 Projected	FY 18-19 Requested Budget
5505	Administration Services	\$ 2,252	\$ 5,357	\$ 1,480	\$ 3,590	\$ 3,732	\$ 3,590
5510	Bank Charges	62,586	82,979	106,873	134,000	135,175	138,808
5515	Billing Services	26,657	26,329	24,694	28,800	15,299	28,800
5520	Contracted Services	240,381	271,147	266,148	232,520	299,649	361,780
5523	Water Conservation Services	-	38,921	-	-	-	-
5525	Accounting Services	26,615	34,428	24,553	35,000	33,240	35,000
5530	Engineering	92,044	53,266	10,188	75,000	33,883	100,000
5535	Legal Services	124,744	113,798	76,958	205,000	203,973	175,000
5540	Financial Consultants	68,601	-	13,427	85,000	87,472	25,000
5545	Community Relations	19,587	15,410	15,894	16,200	1,885	16,200
5552	Misc. Medical	1,485	1,516	475	2,500	1,085	1,500
5550	Pre-employment	6,508	493	343	3,000	567	1,000
5555	Janitorial	6,299	6,180	6,685	8,300	6,000	9,950
5560	Bond Administration	6,917	12,042	6,782	8,500	2,000	7,050
5570	Security	30,706	7,857	12,444	68,700	37,956	22,000
5575	Sampling	35,513	18,549	43,275	35,000	42,505	49,500
5580	Board Secretary/Treasurer	3,025	1,800	-	-	-	-
		\$ 753,921	\$ 690,072	\$ 610,219	\$ 941,110	\$ 904,421	\$ 975,178

TOTAL OUTSIDE SERVICES FISCAL YEARS 2014-15 THROUGH 2018-19

OUTSIDE SERVICES EXPENDITURES

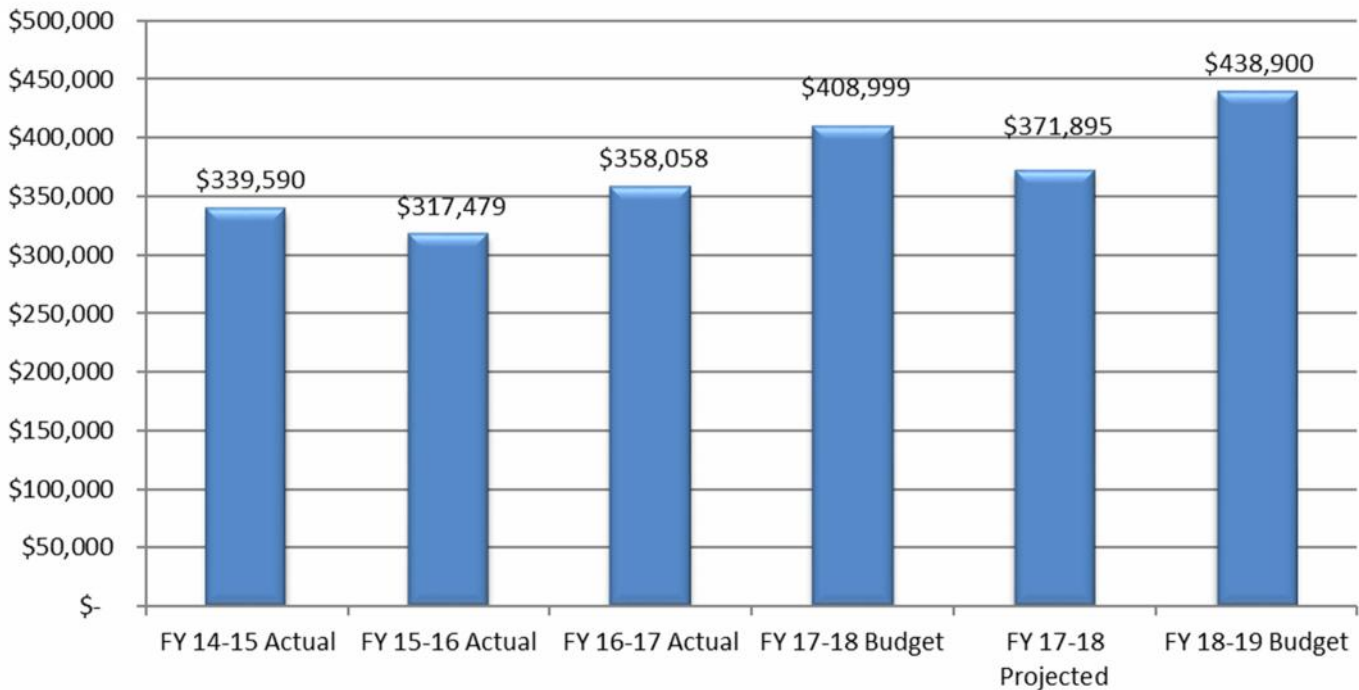


TOTAL EQUIPMENT RENT, TAXES AND UTILITIES FISCAL YEARS 2014-15 THROUGH 2018-19

**Elk Grove Water District
Budgeted Rents, Taxes and Utilities Accounts Detail
For the Fiscal Year ending June 30, 2019**

Account#	Description	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Actual	FY 17-18 Budget	FY 17-18 Projected	FY 18-19 Requested Budget
5620	Equipment Rental	\$ 16,392	\$ 13,493	\$ 20,771	\$ 22,000	\$ 23,145	\$ 19,800
5710	Property Taxes	4,701	1,328	1,299	1,500	1,279	1,500
5740	Electricity	295,131	284,865	314,161	359,000	319,361	384,000
5750	Natural Gas	416	425	601	600	585	600
5760	Sewer & Garbage	22,950	17,368	21,226	25,900	27,525	33,000
		<u>\$ 339,590</u>	<u>\$ 317,479</u>	<u>\$ 358,058</u>	<u>\$ 408,999</u>	<u>\$ 371,895</u>	<u>\$ 438,900</u>

EQUIPMENT RENT, TAXES AND UTILITIES EXPENDITURES



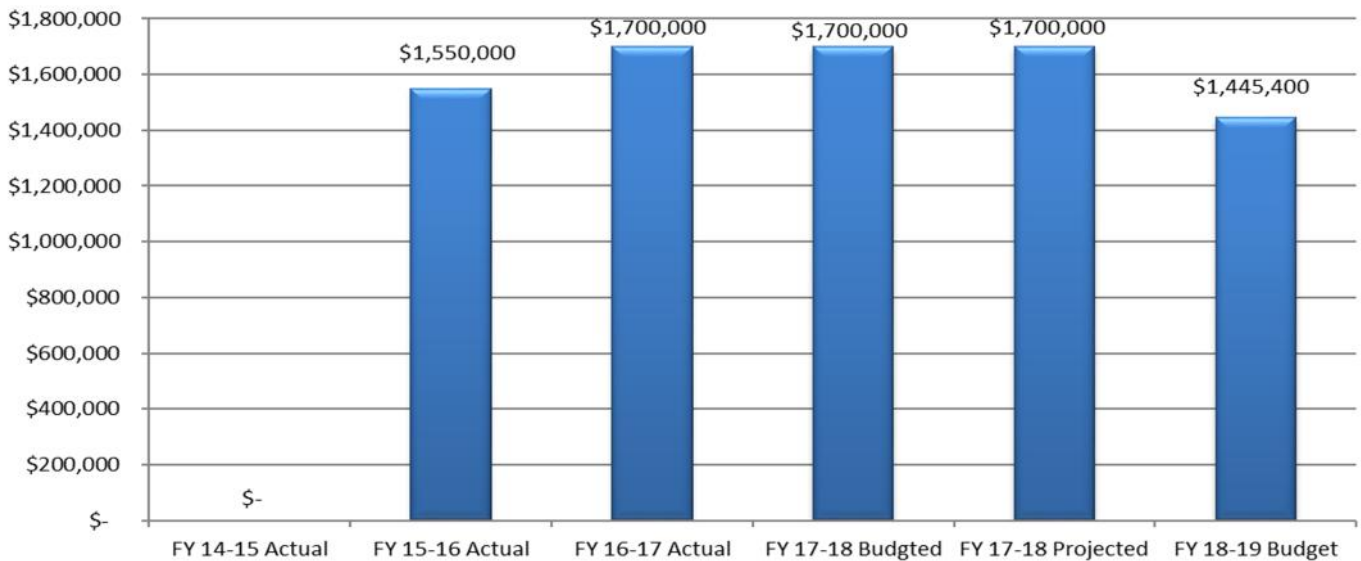
Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018

TOTAL CAPITAL EXPENDITURES
FISCAL YEARS 2014-15 THROUGH 2018-19

Elk Grove Water District
Budgeted Capital Expenses Detail
For the Fiscal Year ending June 30, 2019

Account#	Description	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Actual	FY 17-18 Budget	FY 17-18 Projected	FY 18-19 Requested Budget
1730	Meters	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1745	Transportation Equipment	-	-	-	-	-	-
1760/1765	Capital Equipment & Expenditures	-	-	-	-	-	-
1705	Non-Project Capital Expenses	-	-	-	-	-	-
3560	Repair & Replacement Reserve	-	851,472	700,000	700,000	700,000	429,000
3565	L-T Capital Improvement Reserve	-	698,528	1,000,000	1,000,000	1,000,000	1,016,400
	Contribution to Reserves						-
		\$ -	\$ 1,550,000	\$ 1,700,000	\$ 1,700,000	\$ 1,700,000	\$ 1,445,400

CAPITAL EXPENDITURES



The FY 2018-19 capital improvement funding is for Repair & Replacement and Long-term Capital Improvement funding based on the 2019-23 Capital Improvement Program.

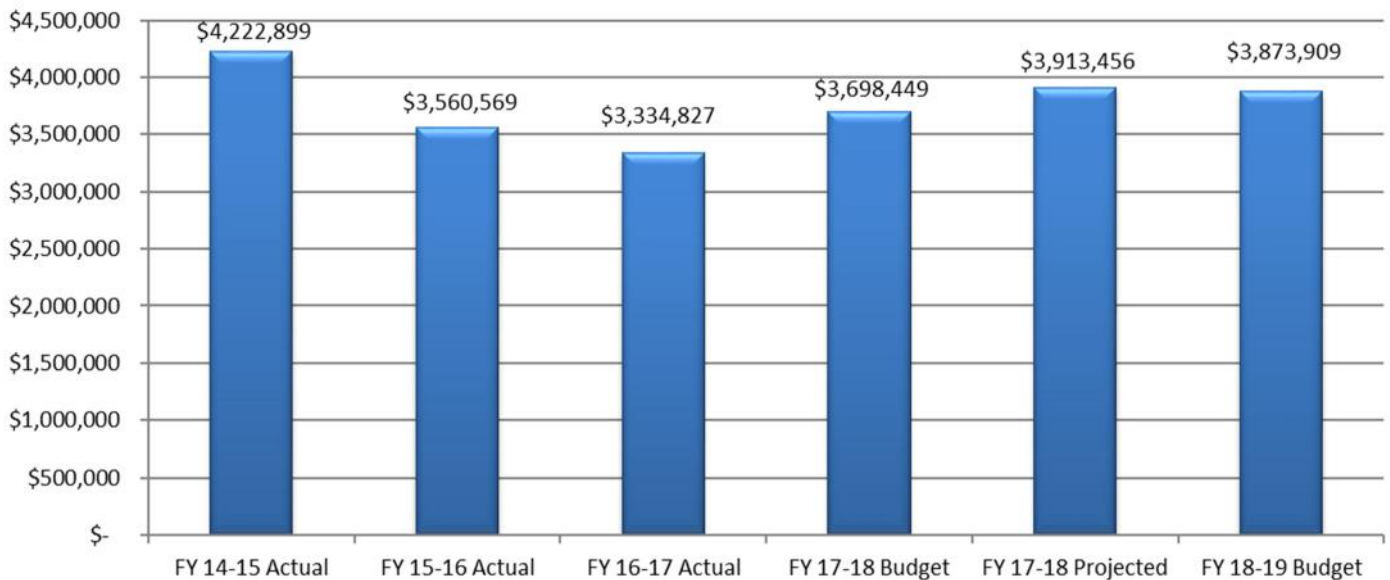
Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018

TOTAL NON-OPERATING EXPENDITURES (INCOME)
FISCAL YEARS 2014-15 THROUGH 2018-19

Elk Grove Water District
Budgeted Non Operating Activity Detail
For the Fiscal Year ending June 30, 2019

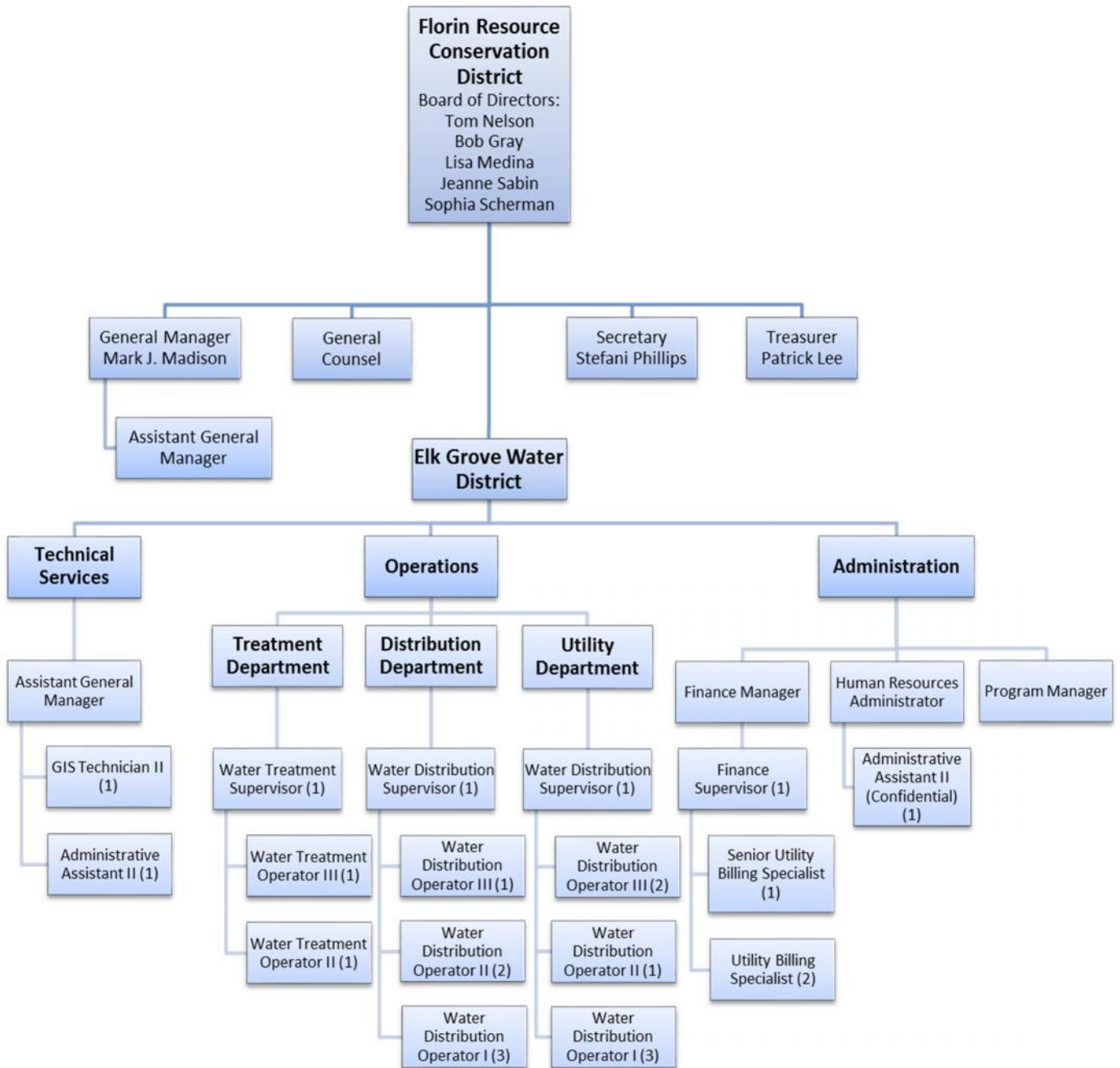
Account#	Description	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Actual	FY 17-18 Budget	FY 17-18 Projected	FY 18-19 Requested Budget
6440	Depreciation & Amortization	\$ 1,696,678	\$ -	\$ -	\$ -	\$ -	\$ -
7300	Debt Service (Bond Interest Expense)	2,289,556	2,225,240	1,868,979	1,833,349	1,833,349	1,753,909
7320	Offering Expense - Deferred Charges	471,504	-	-	-	-	-
9920	Other Expenses (Income)	(318,569)	-	(54,451)	(14,900)	162,143	-
3500	Contribution from Operating Reserve	-	(74,671)	-	-	-	-
2500	Bond Retirement	-	1,430,000	1,440,000	1,990,000	1,990,000	2,070,000
9910	Interest Earned	(19,970)	(20,000)	(46,228)	(110,000)	(72,036)	(100,000)
9950	Election Costs	103,700	-	126,527	-	-	150,000
		\$ 4,222,899	\$ 3,560,569	\$ 3,334,827	\$ 3,698,449	\$ 3,913,456	\$ 3,873,909

TOTAL NON-OPERATING EXPENDITURES/(INCOME)



ORGANIZATIONAL SUMMARY

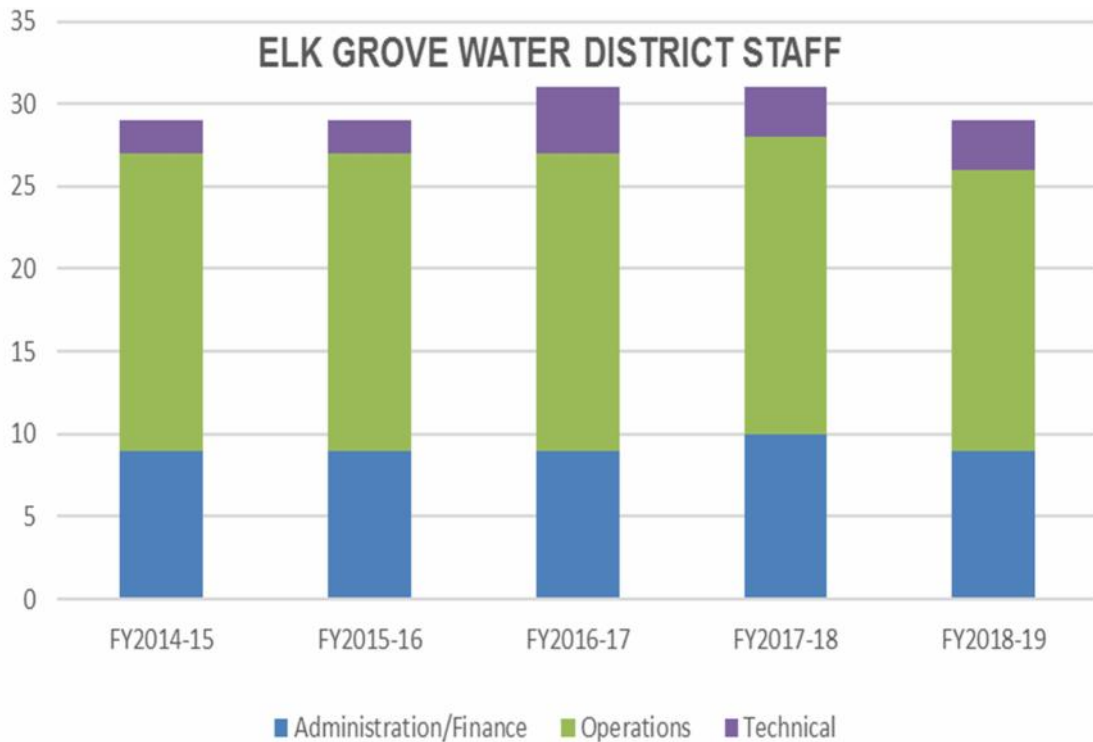
ELK GROVE WATER DISTRICT ORGANIZATION CHART



LEADERSHIP TEAM

Mark J. Madison, P.E.	General Manager
Bruce Kamilos, P.E.	Assistant General Manager
Patrick Lee	Finance Manager
Donella Murillo	Finance Supervisor
Stefani Phillips	Human Resources Administrator
Sarah Jones	Program Manager
Steve Shaw	Water Treatment Supervisor
Richard Salas	Water Distribution Supervisor
Jose Carrillo	Water Distribution Supervisor

STAFF POSITIONS BY DIVISION



Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018

ELK GROVE WATER DISTRICT STAFF FTE

	FY2014-15	FY2015-16	FY2016-17	FY2017-18	FY2018-19
Administration & Finance					
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	1.00	1.00	-	-	-
Program Manager	-	-	1.00	1.00	1.00
Human Resources Specialist	1.00	1.00	-	-	-
Human Resources Administrator	-	-	1.00	1.00	1.00
Administrative Assistant II (Confidential)	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
Customer Service Representative I	-	-	-	1.00	-
Customer Service Representative II	2.00	2.00	1.00	1.00	-
Department Total	9.00	9.00	9.00	10.00	9.00
Technical Services					
Assistant General Manager	-	-	1.00	1.00	1.00
Associate Civil Engineer (Frozen Position)	1.00	1.00	1.00	-	-
Administrative Assistant II	-	-	1.00	1.00	1.00
GIS Technician I	1.00	1.00	-	-	-
GIS Technician II			1.00	1.00	1.00
Department Total	2.00	2.00	4.00	3.00	3.00
Operations					
Foremen	3.00	3.00	-	-	-
Supervisors	-	-	3.00	3.00	3.00
Water Distribution Operator In Training	2.00	1.00	1.00	-	-
Water Distribution Operator I	5.00	5.00	5.00	6.00	6.00
Water Distribution Operator II	4.00	5.00	4.00	4.00	3.00
Water Distribution Operator III	2.00	2.00	3.00	3.00	3.00
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
Departmental Total	18.00	18.00	18.00	18.00	17.00
Organizational Total	29.00	29.00	31.00	31.00	29.00

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018

JURISDICTIONAL COMPARISON

District	Elk Grove Water District (EGWD)	Carmichael Water District	San Juan Water District
Year Established	1953	1916	1854
Governed By	Board of Directors	Board of Directors	Board of Directors
Size	13 sq miles	8 sq miles	17 sq miles
Number of Connections	12,500	11,693	10,608
Number of Customers	45,000	37,897	29,578
Budget Comparison - Fiscal Year Basis	July-June	July-June	July-June
Revenues - 2018 Budget			
Retail Water Sales	\$ 14,053,096	\$ 10,634,700	\$ 10,716,800
Other Revenues	241,000	96,060	2,139,400
TOTAL REVENUE BUDGET	\$ 14,294,096	\$ 10,730,760	\$ 12,856,200
Expenditures - 2018 Budget			
Personnel Costs	\$ 3,548,347	\$ 3,389,177	\$ 4,408,400
Operating Costs	5,396,255	4,102,727	4,693,400
Non-Operating Costs	3,698,449	2,824,325	3,234,800
EXPENDITURE BUDGET	\$ 12,643,051	\$ 10,316,229	\$ 12,336,600
CAPITAL BUDGET	\$ 1,700,000	\$ 2,546,560	\$ 5,649,000
TOTAL EXPENDITURE BUDGET	\$ 14,343,051	\$ 12,862,789	\$ 17,985,600
REVENUES IN EXCESS OF EXPENDITURES	\$ (48,955)	\$ (2,132,029)	\$ (5,129,400)
OUTSTANDING DEBT	\$ 44,145,000	\$ 21,170,000	\$ 36,710,000
FTE	31	29	47

Note: The information above is based on FY 2017-18 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 and expenditures reflected above include only the portion applicable to retail water sales.

BUDGET SUMMARIES BY DEPARTMENT



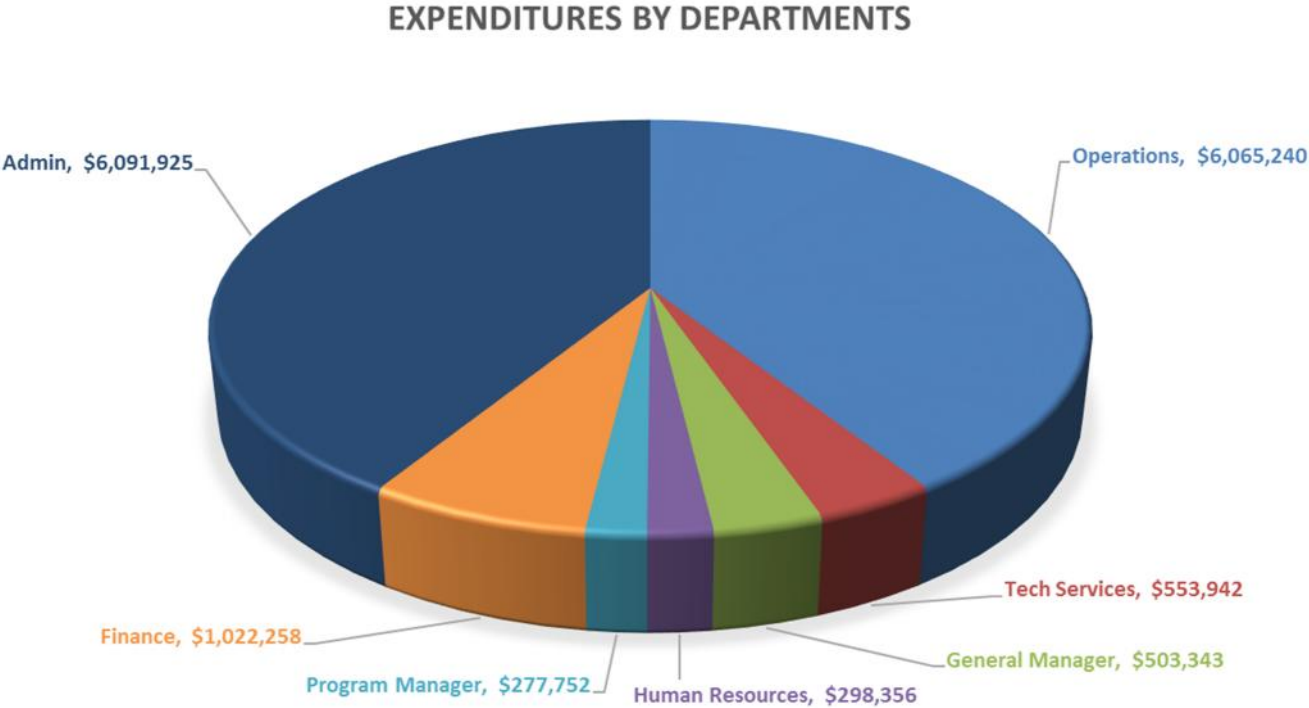
Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018

Elk Grove Water District
Summary by Departments
For the Fiscal Year ending June 30, 2019

Expenditure	Operations	Technical Services	General Manager	Human Resources	Program Manager	Finance	Admin	Total Budget
Revenues								\$ 14,821,253
Salaries and Benefits	\$ 2,192,806	\$ 404,557	\$ 287,483	\$ 264,450	\$ 147,532	\$ 710,875	\$ 160,110	\$ 4,167,812
Seminars, Conventions and Travel	5,150	6,450	19,660	5,600	3,820	8,600	-	49,280
Office and Operational	646,324	42,935	-	12,216	48,000	90,175	297,877	1,137,527
Purchased Water	3,178,328	-	-	-	-	-	-	3,178,328
Outside Services	89,150	100,000	196,200	16,090	78,400	212,608	282,730	975,178
Equipment Rent, Taxes and Utilities	407,000	-	-	-	-	-	31,900	438,900
Subtotal Operational Expenditures	6,518,758	553,942	503,343	298,356	277,752	1,022,258	772,617	9,947,025
Less: Capitalized Labor	(453,517) *	-	-	-	-	-	-	(453,517)
Total Operational Expenses	6,065,240	553,942	503,343	298,356	277,752	1,022,258	772,617	9,493,508
Non-Operating Expenditures (Income)	-	-	-	-	-	-	3,873,909	3,873,909
Capital Equipment and Expenditures	-	-	-	-	-	-	1,445,400	1,445,400
Total Net Expenditures	\$ 6,065,240	\$ 553,942	\$ 503,343	\$ 298,356	\$ 277,752	\$ 1,022,258	\$ 6,091,925	\$ 14,812,816
Revenues In Excess of Expenditures, Principal Retirement and Capital Expenditures								\$ 8,436

* This represents approximately 55% of salaries and benefits of the Utility Division which will be charged to Capital Projects.

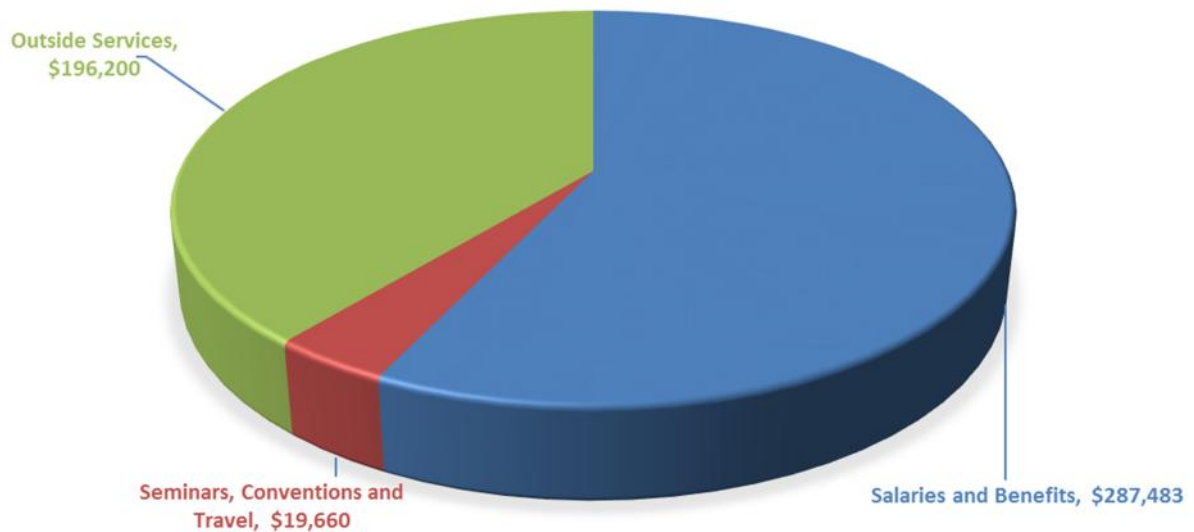
TOTAL EXPENDITURES BY DEPARTMENTS



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.

GENERAL MANAGER EXPENDITURES



FY 2018-19 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.

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-) Motivate employees and encourage teamwork throughout the organization.
-) Complete all approved CIP projects identified in the EGWD FY 2018-19 CIP program.



Specific Key Objectives

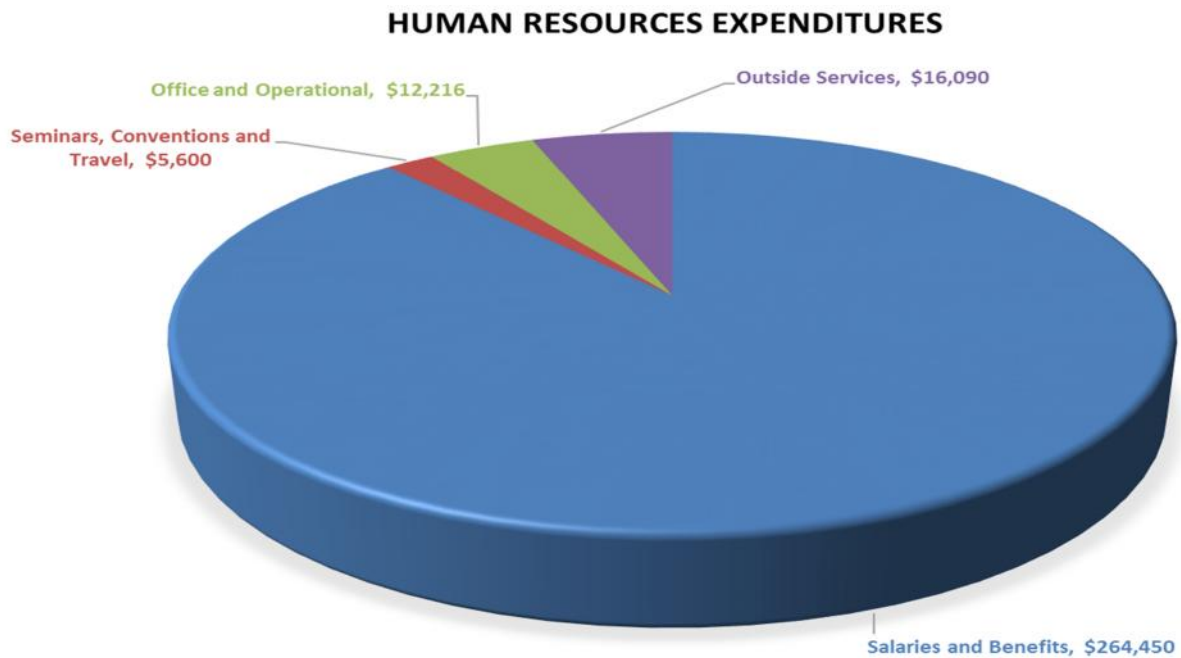
-) Develop the FY 2019-23 FRCD/EGWD Strategic Plan.
-) Complete the update to the EGWD Employee Policy Manual.
-) Complete the fire system backflow prevention program and update the Backflow/Cross-Connection Control Program ordinance.
-) Complete a review and implement revisions to the EGWD procurement policies.
-) Complete an Expanded Feasibility Study to evaluate the possibility of a new Administration Building.
-) Complete a review of the District's accounting practices and software.
-) Revamp and consolidate the Districts Water Rate Ordinance into a single document.

FY 2017-18 ACCOMPLISHMENTS

-) All water facilities and programs were operated in compliance with all applicable standards.
-) The District was successful at controlling costs and revenues, such that the revenues significantly exceeded expenditures at the end of the fiscal year.
-) The District was awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association for the eighth consecutive year.
-) A plan was completed and implemented to resolve the financial issues affecting the FRCD.
-) Successfully recruited and filled the vacant Finance Manager position.
-) The District completed the new 2019-23 Water Rate and Connection Fee Studies for the EGWD.
-) The District completed and launched a new website.
-) The District completed an Information Technology Security Review and all appropriate recommendations were implemented.
-) A Needs Assessment and Action Plan for the EGWD Administrative Building was completed.
-) The majority of approved CIP projects, identified in the EGWD FY 2017-18 CIP were completed with a total cost under budget.

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 Administrator makes certain that employee matters are handled fairly, equitably and without discrimination according to EGWD policies and State and Federal regulations.



FY 2018-19 GOALS AND OBJECTIVES

-) Administer the classification and pay plan for EGWD to ensure that the pay and benefits package is competitive with the industry.
-) Recruit qualified candidates for vacant positions and oversee the hiring process.
-) Schedule training for employees, supervisors, and managers to maintain required compliance.
-) Help employees develop to their full potential on the job through coordinating training and development, and personal coaching and mentoring.
-) Maintain timely employee evaluations and merit increases.

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-) Review and update the Employee Policy Manual and make recommendations.
-) Develop and implement personnel policies.
-) Promote good morale through employee recognition.
-) Promote the general well-being of the workforce by providing available resources.
-) Oversee the development of Standard Operating Procedures of Human Resources and Board Secretary Duties.
-) Maintain personnel records.
-) Maintain records in compliance with State, Federal and OSHA requirements.



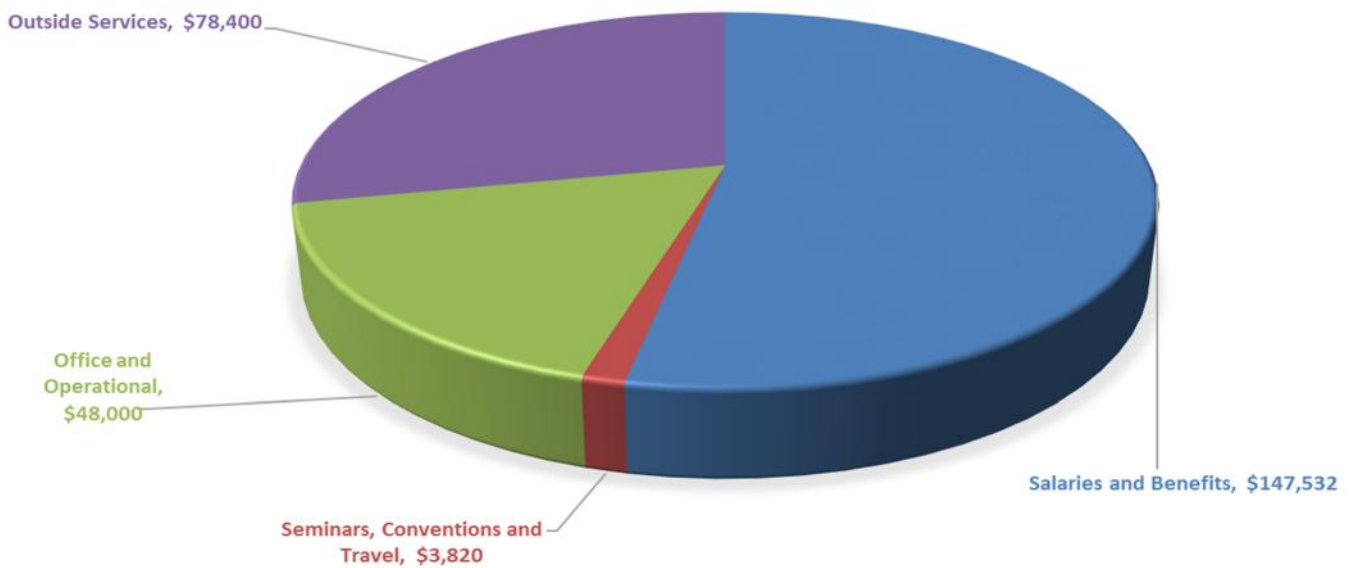
FY 2017-18 ACCOMPLISHMENTS

-) Backfilled Finance Manager and Administrative Assistant II (Confidential) positions.
-) Obtained Incentive Rates for Medical Benefits, which reduced the out of pocket expenses for the employees.
-) Completed electronic filing of all personnel records.
-) Completed Board Packet Standard Operating Procedures.
-) Completed Notary Certification of two staff members.

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.

PROGRAM MANAGER EXPENDITURES



FY 2018-19 GOALS AND OBJECTIVES

-) Update Code of Safe Practices, Injury & Illness Prevention Plan and Emergency Response Plan
-) Complete the 2019-2023 Strategic Plan
-) Obtain certification as a Water Efficiency Practitioner, level 1
-) Update the Water Shortage Contingency Plan

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
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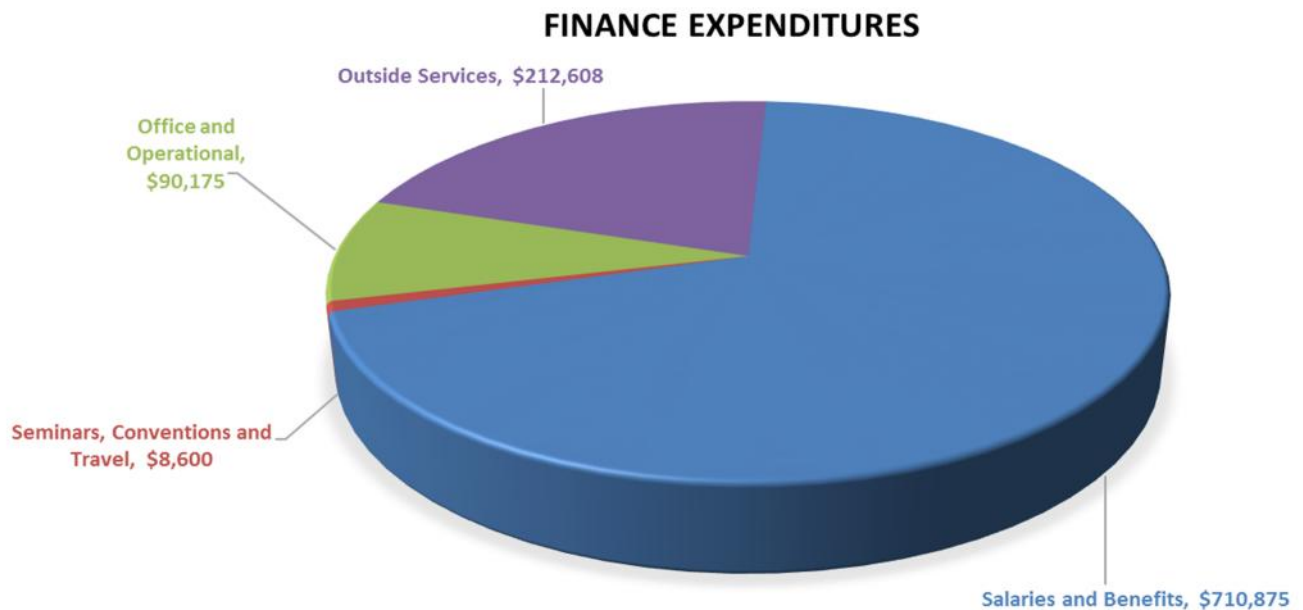
FY 2017-18 ACCOMPLISHMENTS

-) Project lead on development of new website and redesigned District's quarterly newsletter.
-) Updated activities and incentives at public outreach events.
-) Instituted quarterly safety committee meetings and regular site inspections.
-) Obtained certification as Safety Management Specialist.
-) Represented the District at legislative committee meetings, workshops and State Water Resource Control Board Hearings.
-) Obtained grant funding to develop and implement FRCD's Community Conservation Education Program in collaboration with community and agency partners.
-) Completed new State requirement for lead testing in public schools.
-) Achieved over 800 days without a lost time work injury through implementation of the Safety Plan.



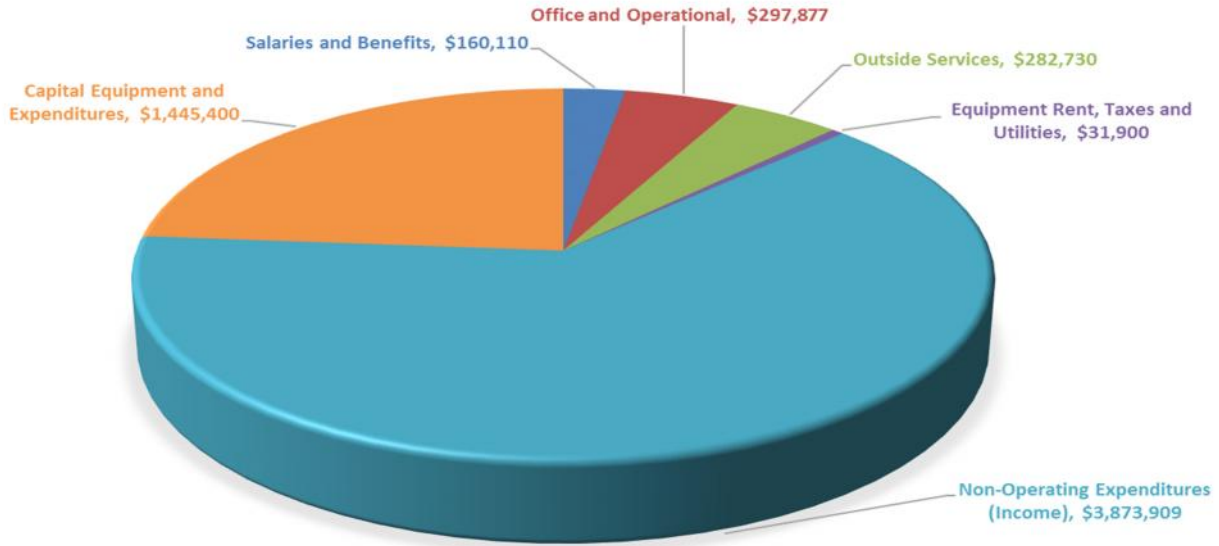
FINANCE AND ADMINISTRATION DEPARTMENT

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.



Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
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ADMINISTRATIVE EXPENDITURES



FY 2018-19 GOALS AND OBJECTIVES

-) Maintain strong budget management, procurement and internal control culture to ensure EGWD meets the Board’s and the financial community’s expectations for continued strong financial performance.
-) Review the District’s utility billing software and mailing service provider for improvements and system integration efficiencies.
-) Continue to manage EGWD’s debt service, maintaining strict compliance with bond covenants.
-) Continue to manage the EGWD investment portfolio to potentially increase investment earnings while maintaining safety and liquidity.
-) Review the adequacy and capabilities of the District’s financial reporting software for modules pertaining to budget and encumbrances.
-) Implement new customer service email account to facilitate and increase the level of customer service provided to our customers.
-) Review and update the District’s procurement policies.
-) Review and update the District’s credit card use policies and procedures.
-) Research the cost of implementation of debit card payment to increase the payment options available to our customers.
-) Complete the implementation of Governmental Accounting Standards Board Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other than Pensions*.

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
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-) Continue to receive the Government Finance Officers Association (GFOA) Certificate of Achievement for Excellence in Financial Reporting.
-) Develop a budget consistent with the guidelines of the California Society of Municipal Finance Officers (CSMFO) Operating Budget Excellence Award Program and submit the budget for review and evaluation.

FY 2017-18 ACCOMPLISHMENTS

-) Completed the implementation and roll out of paperless billing.
-) Assisted with the update and launch of the new District website and made modifications to the payment portal to be more user friendly.
-) Created standard operating procedures for customer service and accounts payable.
-) Awarded the Certificate of Achievement for Excellence in Financial Reporting for FY 2016-17.
-) Completed a 5-year Water Rate and Connection Fee Study setting rates for years 2019 through 2023.
-) Recruited for and filled a vacant Utility Billing Specialist position to ensure proper staffing levels to better serve our customers.

INFORMATION TECHNOLOGY

The EGWD has contracted its Information Technology services to an IT Professional 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 2018-19 GOALS AND OBJECTIVES

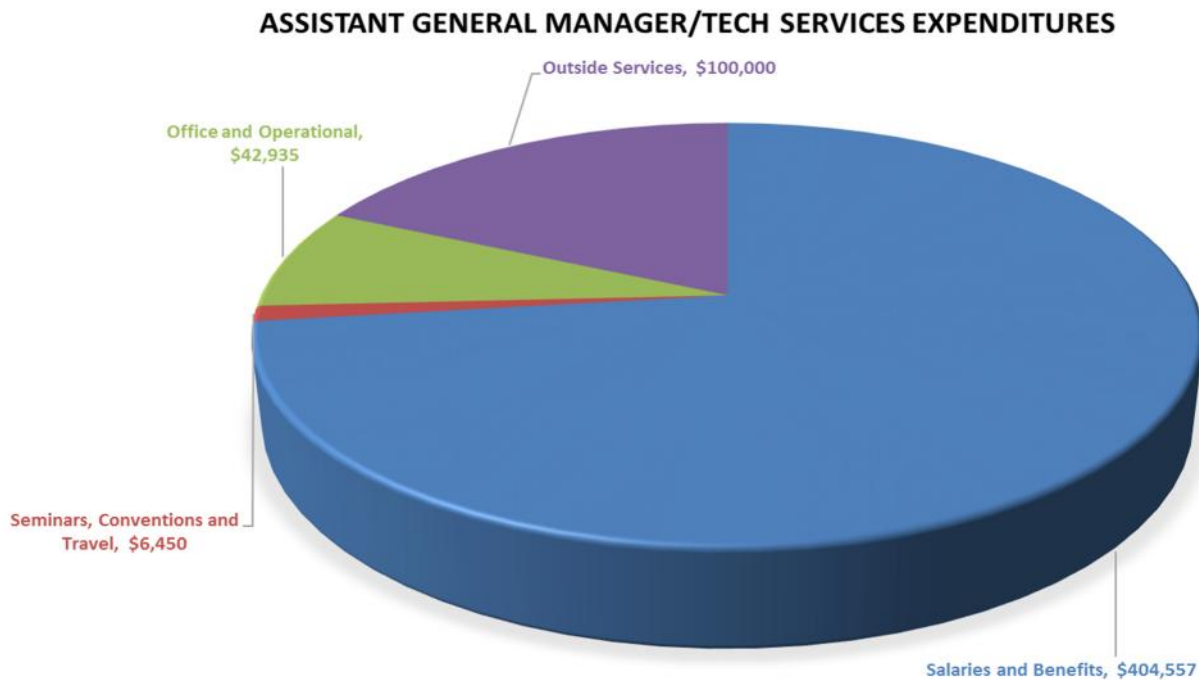
-) Prepare network diagram and complete a disaster recovery plan for information technology services as it relates to systems and network.
-) Continue to implement recommendations as set forth in the 2017 Cyber Security Audit to improve the District's security over its data systems and network access.
-) Rework the offsite disaster recovery assets to bring them in line with recent infrastructure changes.
-) Implement automated disaster recovery response to increase efficiencies in system recovery and backup.
-) Review all District data servers and make the necessary upgrades to bring them to the most current versions, if necessary.
-) Review the Finance and Human Resources data software and make the necessary upgrades to the most current versions.

FY 2017-18 ACCOMPLISHMENTS

-) Completed the implementation and launch of a Cyber Security and Awareness Program including training and learning material.
-) Assisted with the implementation and roll out of paperless billing and online payment solutions.
-) Completed the migration of various servers to create process and operational efficiencies.
-) Completed system improvements and upgrades to the SCADA system and backflow prevention server to increase security over data and system access.
-) Completed the rollout of hard drive replacements for various servers and updated systems backup process to provide ease of recovery.
-) Contracted and on-boarded services for additional IT support.

ASSISTANT GENERAL MANAGER/TECHNICAL SERVICES DEPARTMENT

The Assistant General Manager is responsible for assisting the General Manager, as directed, with all aspects of the District'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 Capital Improvement Program and is responsible for planning, engineering, construction management and technical support for EGWD operations. The Technical Services Department includes the Assistant General Manager, Geographic Information System (GIS) Technician, and Administrative Assistant.



FY 2018-19 GOALS AND OBJECTIVES

-) Complete all required CIP projects identified in the FY 2018-19 CIP budget.
-) Develop the FY 2020-2024 CIP for the next fiscal year.

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
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-) Provide technical support as needed to the Utility Division for the construction of the Backyard Water Mains/Services Replacement project, the Railroad Water Treatment Facility Generator PLC/SCADA Upgrade project, the Well 3 Pump Replacement project, the Hampton Water Treatment Plant Generator Removal project and the Railroad Water Treatment Facility Parking Lot Repaving project.
-) Provide technical support as needed to the Treatment and Distribution Divisions.
-) Participate as an alternate board member on the Sacramento Central Groundwater Authority (SCGA).
-) Provide guidance and stakeholder representation with respect to SCGA's management of the South American groundwater sub-basin.
-) Manage the Geographic Information System.
-) Manage the Asset Management Program.



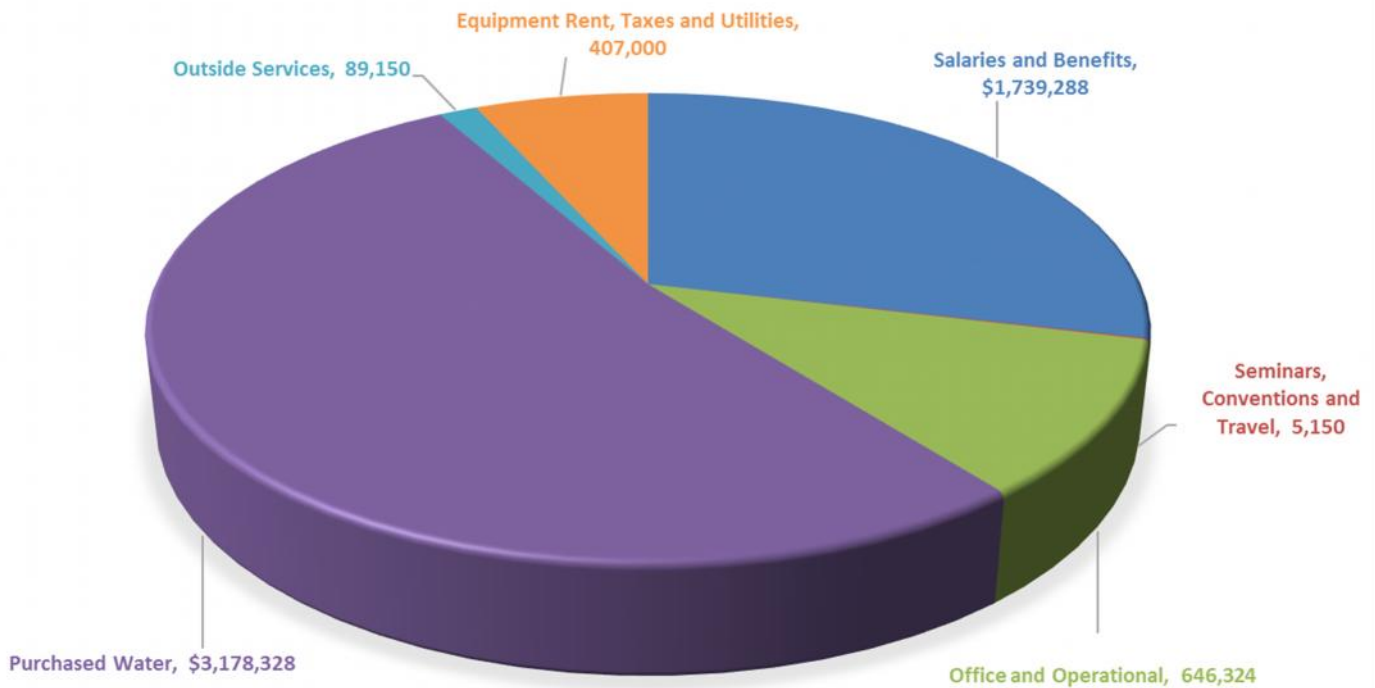
FY 2017-18 ACCOMPLISHMENTS

-) Completed all required CIP projects as identified in the FY 2017-18 CIP budget. The Service Line Replacements project and Backyard Water Mains project will carry over into the beginning of the FY 2018-19.
-) Developed the FY 2019-23 CIP.
-) Provided engineering design and technical support for the Service Line Replacements project, Kent Street Water Main project, the Well 8 Pump Replacement project, the Railroad Water Treatment Facility Training Room and Information Technology Center project, and the Well 1D Rehabilitation project.
-) Participated on the SCGA as an alternate board member and served on the SCGA Budget Subcommittee. SCGA's mission is to provide sustainable groundwater management of the South American groundwater sub-basin.
-) Managed the EGWD's Geographic Information System and the Asset Management Program.

OPERATIONS DEPARTMENT

The Operations Department 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. It is responsible for the delivery of water to the 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. The General Manager oversees this department.

OPERATIONS EXPENDITURES



Salaries and benefits include a reduction for capitalized labor of \$453,517.

Treatment Division

FY 2018-19 GOALS AND OBJECTIVES

-) Operation and maintenance of EGWD's water supply and treatment facilities ensuring safe and reliable water supplies to customers.
-) Maintain strict compliance with all State and Federal regulatory agencies with the intent of safeguarding public health and the environment.
-) Maintain and manage all water quality sampling, and reporting to Local, State and Federal agencies.
-) Maintain water production and equipment maintenance records, reports.
-) Manage the Backflow/Cross-Connection Control Program.



FY 2017-18 ACCOMPLISHMENTS

-) Completed Filter Train "C" Media Replacement Project.
-) Returned Hampton Oak Water Treatment Plant to "On Line Status".
-) Coordinated Sampling and Reported Results for the School Lead Sampling Program.
-) Completed Routine Maintenance on all Water Production Equipment.
-) Completed State and Federal Required Water Quality Sampling, and Reporting.
-) Maintained Cross Connection Control Program Requirements.

Distribution Division

FY 2018-19 GOALS AND OBJECTIVES

-) Repair and maintain EGWD's water distribution system, responding to emergencies quickly and minimizing the loss of potable water.
-) Maintain EGWD's fire hydrants, ensuring reliability of fire flows during emergencies.
-) Maintain the valve exercising program, ensuring that every valve is checked and exercised every three years.
-) Conduct meter reading, maintains a balanced program of reading each customer's meter between 28-32 days.
-) Field customer service requests and conduct first-call responses.
-) Respond to all Underground Service Alert requests within 48 hours in compliance with State law.
-) Abide by all State and Federal regulations regarding repairs that impact potable water.



FY 2017-18 ACCOMPLISHMENTS

-) Completed the maintenance and exercise of 1,510 fire hydrants and 1,502 valves.
-) Replaced 51 water meters that were deemed to have malfunctioned.
-) Tagged 5,340 doors and performed 562 shut-offs, primarily for non-payment.
-) Responded to and resolved 1,670 Underground Service Alert requests.
-) Maintained an average read of approximately 12,500 meters a month.

Utility Division

FY 2018-19 GOALS AND OBJECTIVES

-) Complete the Service Line Replacements project, combining certain installations with the water main replacement projects.
-) Initiate construction of the Backyard Water Main projects to improve the water distribution system.
-) Provide general construction services with EGWD personnel, thereby minimizing the need for outsourced contractors.



FY 2017-18 ACCOMPLISHMENTS

-) Completed the Kent Street Water Main Replacement project.
-) Completed installing service line replacements along Meadow Grove Way, Chablis Way, and Gamay Way.
-) Completed the installation of the new fiber optic conduits from the District Office to the new Training and Information Technology Center.
-) Completed the grinding and paving of 50+ potholes throughout Elk Grove Water District's service area.
-) In preparation of the City of Elk Grove's storm drain project, completed the lowering of three (3) water mains on Emerald Vista Drive and two (2) water mains on N. Camden Drive.

ELK GROVE WATER DISTRICT

LONG-TERM INDEBTEDNESS

REVENUE BONDS

BOND COVENANT RATIOS

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

Payment Date	Total Principal	Total Interest	Fiscal Year Total
9/1/2018	2,070,000.00	897,289.38	
3/1/2019	-	856,619.38	3,823,908.76
9/1/2019	2,165,000.00	856,619.38	
3/1/2020	-	805,119.38	3,826,738.76
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
Totals	44,145,000.00	14,705,286.96	58,850,286.96

**Elk Grove Water District
Fiscal Year 2018-19
Long-Term Indebtedness
Schedule of Required Payments**

<u>Series</u>	<u>Description</u>	<u>Principal</u>	<u>Interest</u>	<u>Total Payment</u>
2014 A	Water Revenue Refunding Bonds	1,705,000	1,256,119	2,961,119
2016 A	Water Revenue Refunding Bonds	365,000	497,790	862,790
TOTAL DEBT SERVICE PAYMENTS		<u>\$ 2,070,000</u>	<u>\$ 1,753,909</u>	<u>\$3,823,909</u>

Debt Service Coverage Ratio

	<u>Required</u>	<u>Proposed</u>
Debt Covenant Ratio	1.15	1.39
Net Income	\$ 5,327,745	
Total Debt Service	\$ 3,823,909	

ELK GROVE WATER DISTRICT

FISCAL YEAR 2018-19

RATES AND FEES SCHEDULE

**Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018**

The rates, effective January 1st, 2019 were approved by the Board on May 16th, 2018, subject to the receipt and consideration of protests and comments before and during a public hearing to be conducted on July 18th, 2018.

Use Charges:

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

Connection Size	Jan. 1, 2018	Jan. 1, 2019
1"	\$ 66.67	\$ 61.15
1.5"	\$ 93.84	\$ 86.07
2"	\$ 126.44	\$ 115.97
3"	\$ 202.52	\$ 185.76
4"	\$ 311.19	\$ 285.43
6"	\$ 582.89	\$ 534.64
8"	\$ 908.93	\$ 833.69
10"	\$ 1,289.30	\$ 1,182.57

Commodity charge for units of water used in a month:

Service Type	Jan. 1, 2018	Jan. 1, 2019
Residential Metered		
Tier 1 (0-30 CCF)	\$ 1.57	\$ 1.92
Tier 2 (30.01+ CCF)	\$ 3.11	\$ 4.04
CCF = Hundred Cubic Feet		
Non-residential	\$ 1.77	\$ 1.79
Irrigation	\$ 1.91	\$ 2.27

Other Fees:

Private Fire Protection Service Rates:

Connection Size	Jan. 1, 2018	Jan. 1, 2019
2"	\$ 3.04	\$ 3.02
3"	\$ 8.86	\$ 8.78
4"	\$ 18.88	\$ 18.71
6"	\$ 54.85	\$ 54.34
8"	\$ 116.88	\$ 115.80
10"	\$ 210.19	\$ 208.25
12"	\$ 339.51	\$ 336.37

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018

New Connections: Effective July 18, 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	\$ 5,170	\$ 6,096
1.5”	T&M	\$ 10,340	\$ 10,340 + T&M
2”	T&M	\$ 16,544	\$ 16,544 + T&M
3”	T&M	\$ 31,020	\$ 31,020 + T&M
4”	T&M	\$ 51,700	\$ 51,700 + T&M
6”	T&M	\$ 103,400	\$ 103,400 + T&M

Other: Effective July 18, 2018

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 hanger	\$25.00
Field service fee	\$100.00
24-hour turn-on fee	\$100.00
Meter testing	\$47/hour
Back flow testing	\$70.00
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

ELK GROVE WATER DISTRICT

FISCAL YEAR 2018-19

SALARY SCHEDULE

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018

ELK GROVE WATER DISTRICT
Salary Schedule
Annual, Monthly, Bi-Weekly & Hourly Wage
As of July 1, 2018

Grade	Step I	Step II	Step III	Step IV	Step V
1	\$ 17,742.21	\$ 18,618.64	\$ 19,559.19	\$ 20,542.49	\$ 21,568.55
	\$ 1,478.52	\$ 1,551.55	\$ 1,629.93	\$ 1,711.87	\$ 1,797.38
	\$ 682.39	\$ 716.10	\$ 752.28	\$ 790.10	\$ 829.56
	\$ 8.53	\$ 8.96	\$ 9.40	\$ 9.87	\$ 10.37
2	\$ 18,191.11	\$ 19,088.91	\$ 20,050.84	\$ 21,055.52	\$ 22,102.95
	\$ 1,515.93	\$ 1,590.74	\$ 1,670.90	\$ 1,754.63	\$ 1,841.91
	\$ 699.66	\$ 734.19	\$ 771.19	\$ 809.83	\$ 850.11
	\$ 8.74	\$ 9.18	\$ 9.64	\$ 10.12	\$ 10.63
3	\$ 18,618.64	\$ 19,559.19	\$ 20,542.49	\$ 21,568.55	\$ 22,637.35
	\$ 1,551.55	\$ 1,629.93	\$ 1,711.87	\$ 1,797.38	\$ 1,886.45
	\$ 716.10	\$ 752.28	\$ 790.10	\$ 829.56	\$ 870.67
	\$ 8.96	\$ 9.40	\$ 9.87	\$ 10.37	\$ 10.89
4	\$ 19,088.91	\$ 20,050.84	\$ 21,055.52	\$ 22,102.95	\$ 23,214.51
	\$ 1,590.74	\$ 1,670.90	\$ 1,754.63	\$ 1,841.91	\$ 1,934.54
	\$ 734.19	\$ 771.19	\$ 809.83	\$ 850.11	\$ 892.87
	\$ 9.18	\$ 9.64	\$ 10.12	\$ 10.63	\$ 11.16
5	\$ 19,559.19	\$ 20,542.49	\$ 21,568.55	\$ 22,637.35	\$ 23,770.29
	\$ 1,629.93	\$ 1,711.87	\$ 1,797.38	\$ 1,886.45	\$ 1,980.86
	\$ 752.28	\$ 790.10	\$ 829.56	\$ 870.67	\$ 914.24
	\$ 9.40	\$ 9.87	\$ 10.37	\$ 10.89	\$ 11.43
6	\$ 20,050.84	\$ 21,055.52	\$ 22,102.95	\$ 23,214.51	\$ 24,368.82
	\$ 1,670.90	\$ 1,754.63	\$ 1,841.91	\$ 1,934.54	\$ 2,030.74
	\$ 771.19	\$ 809.83	\$ 850.11	\$ 892.87	\$ 937.26
	\$ 9.64	\$ 10.12	\$ 10.63	\$ 11.16	\$ 11.72
7	\$ 20,542.49	\$ 21,568.55	\$ 22,637.35	\$ 23,770.29	\$ 24,967.35
	\$ 1,711.87	\$ 1,797.38	\$ 1,886.45	\$ 1,980.86	\$ 2,080.61
	\$ 790.10	\$ 829.56	\$ 870.67	\$ 914.24	\$ 960.28
	\$ 9.87	\$ 10.37	\$ 10.89	\$ 11.43	\$ 12.00
8	\$ 21,055.52	\$ 22,102.95	\$ 23,214.51	\$ 24,368.82	\$ 25,587.26
	\$ 1,754.63	\$ 1,841.91	\$ 1,934.54	\$ 2,030.74	\$ 2,132.27
	\$ 809.83	\$ 850.11	\$ 892.87	\$ 937.26	\$ 984.13
	\$ 10.12	\$ 10.63	\$ 11.16	\$ 11.72	\$ 12.30
9	\$ 21,568.55	\$ 22,637.35	\$ 23,770.29	\$ 24,967.35	\$ 26,207.17
	\$ 1,797.38	\$ 1,886.45	\$ 1,980.86	\$ 2,080.61	\$ 2,183.93
	\$ 829.56	\$ 870.67	\$ 914.24	\$ 960.28	\$ 1,007.97
	\$ 10.37	\$ 10.89	\$ 11.43	\$ 12.00	\$ 12.60
10	\$ 22,102.95	\$ 23,214.51	\$ 24,368.82	\$ 25,587.26	\$ 26,869.83
	\$ 1,841.91	\$ 1,934.54	\$ 2,030.74	\$ 2,132.27	\$ 2,239.15
	\$ 850.11	\$ 892.87	\$ 937.26	\$ 984.13	\$ 1,033.46
	\$ 10.63	\$ 11.16	\$ 11.72	\$ 12.30	\$ 12.92

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018

ELK GROVE WATER DISTRICT
Salary Schedule
Annual, Monthly, Bi-Weekly & Hourly Wage
As of July 1, 2018

Grade	Step I	Step II	Step III	Step IV	Step V
11	\$ 22,637.35	\$ 23,770.29	\$ 24,967.35	\$ 26,207.17	\$ 27,532.49
	\$ 1,886.45	\$ 1,980.86	\$ 2,080.61	\$ 2,183.93	\$ 2,294.37
	\$ 870.67	\$ 914.24	\$ 960.28	\$ 1,007.97	\$ 1,058.94
	\$ 10.89	\$ 11.43	\$ 12.00	\$ 12.60	\$ 13.23
12	\$ 23,214.51	\$ 24,368.82	\$ 25,587.26	\$ 26,869.83	\$ 28,216.53
	\$ 1,934.54	\$ 2,030.74	\$ 2,132.27	\$ 2,239.15	\$ 2,351.38
	\$ 892.87	\$ 937.26	\$ 984.13	\$ 1,033.46	\$ 1,085.25
	\$ 11.16	\$ 11.72	\$ 12.30	\$ 12.92	\$ 13.56
13	\$ 23,770.29	\$ 24,967.35	\$ 26,207.17	\$ 27,532.49	\$ 28,900.57
	\$ 1,980.86	\$ 2,080.61	\$ 2,183.93	\$ 2,294.37	\$ 2,408.38
	\$ 914.24	\$ 960.28	\$ 1,007.97	\$ 1,058.94	\$ 1,111.56
	\$ 11.43	\$ 12.00	\$ 12.60	\$ 13.23	\$ 13.89
14	\$ 24,368.82	\$ 25,587.26	\$ 26,869.83	\$ 28,216.53	\$ 29,627.36
	\$ 2,030.74	\$ 2,132.27	\$ 2,239.15	\$ 2,351.38	\$ 2,468.95
	\$ 937.26	\$ 984.13	\$ 1,033.46	\$ 1,085.25	\$ 1,139.51
	\$ 11.72	\$ 12.30	\$ 12.92	\$ 13.56	\$ 14.24
15	\$ 24,967.35	\$ 26,207.17	\$ 27,532.49	\$ 28,900.57	\$ 30,354.15
	\$ 2,080.61	\$ 2,183.93	\$ 2,294.37	\$ 2,408.38	\$ 2,529.51
	\$ 960.28	\$ 1,007.97	\$ 1,058.94	\$ 1,111.56	\$ 1,167.47
	\$ 12.00	\$ 12.60	\$ 13.23	\$ 13.89	\$ 14.59
16	\$ 25,587.26	\$ 26,869.83	\$ 28,216.53	\$ 29,627.36	\$ 31,102.31
	\$ 2,132.27	\$ 2,239.15	\$ 2,351.38	\$ 2,468.95	\$ 2,591.86
	\$ 984.13	\$ 1,033.46	\$ 1,085.25	\$ 1,139.51	\$ 1,196.24
	\$ 12.30	\$ 12.92	\$ 13.56	\$ 14.24	\$ 14.95
17	\$ 26,207.17	\$ 27,532.49	\$ 28,900.57	\$ 30,354.15	\$ 31,871.85
	\$ 2,183.93	\$ 2,294.37	\$ 2,408.38	\$ 2,529.51	\$ 2,655.99
	\$ 1,007.97	\$ 1,058.94	\$ 1,111.56	\$ 1,167.47	\$ 1,225.84
	\$ 12.60	\$ 13.23	\$ 13.89	\$ 14.59	\$ 15.32
18	\$ 26,869.83	\$ 28,216.53	\$ 29,627.36	\$ 31,102.31	\$ 32,662.77
	\$ 2,239.15	\$ 2,351.38	\$ 2,468.95	\$ 2,591.86	\$ 2,721.90
	\$ 1,033.46	\$ 1,085.25	\$ 1,139.51	\$ 1,196.24	\$ 1,256.26
	\$ 12.92	\$ 13.56	\$ 14.24	\$ 14.95	\$ 15.70
19	\$ 27,532.49	\$ 28,900.57	\$ 30,354.15	\$ 31,871.85	\$ 33,453.69
	\$ 2,294.37	\$ 2,408.38	\$ 2,529.51	\$ 2,655.99	\$ 2,787.81
	\$ 1,058.94	\$ 1,111.56	\$ 1,167.47	\$ 1,225.84	\$ 1,286.68
	\$ 13.23	\$ 13.89	\$ 14.59	\$ 15.32	\$ 16.08
20	\$ 28,216.53	\$ 29,627.36	\$ 31,102.31	\$ 32,662.77	\$ 34,287.36
	\$ 2,351.38	\$ 2,468.95	\$ 2,591.86	\$ 2,721.90	\$ 2,857.28
	\$ 1,085.25	\$ 1,139.51	\$ 1,196.24	\$ 1,256.26	\$ 1,318.74
	\$ 13.56	\$ 14.24	\$ 14.95	\$ 15.70	\$ 16.49

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018

ELK GROVE WATER DISTRICT
Salary Schedule
Annual, Monthly, Bi-Weekly & Hourly Wage
As of July 1, 2018

Grade	Step I	Step II	Step III	Step IV	Step V
21	\$ 28,900.57	\$ 30,354.15	\$ 31,871.85	\$ 33,453.69	\$ 35,121.03
	\$ 2,408.38	\$ 2,529.51	\$ 2,655.99	\$ 2,787.81	\$ 2,926.75
	\$ 1,111.56	\$ 1,167.47	\$ 1,225.84	\$ 1,286.68	\$ 1,350.81
	\$ 13.89	\$ 14.59	\$ 15.32	\$ 16.08	\$ 16.89
22	\$ 29,627.36	\$ 31,102.31	\$ 32,662.77	\$ 34,287.36	\$ 35,997.45
	\$ 2,468.95	\$ 2,591.86	\$ 2,721.90	\$ 2,857.28	\$ 2,999.79
	\$ 1,139.51	\$ 1,196.24	\$ 1,256.26	\$ 1,318.74	\$ 1,384.52
	\$ 14.24	\$ 14.95	\$ 15.70	\$ 16.49	\$ 17.31
23	\$ 30,354.15	\$ 31,871.85	\$ 33,453.69	\$ 35,121.03	\$ 36,895.25
	\$ 2,529.51	\$ 2,655.99	\$ 2,787.81	\$ 2,926.75	\$ 3,074.60
	\$ 1,167.47	\$ 1,225.84	\$ 1,286.68	\$ 1,350.81	\$ 1,419.05
	\$ 14.59	\$ 15.32	\$ 16.08	\$ 16.89	\$ 17.73
24	\$ 31,102.31	\$ 32,662.77	\$ 34,287.36	\$ 35,997.45	\$ 37,814.43
	\$ 2,591.86	\$ 2,721.90	\$ 2,857.28	\$ 2,999.79	\$ 3,151.20
	\$ 1,196.24	\$ 1,256.26	\$ 1,318.74	\$ 1,384.52	\$ 1,454.40
	\$ 14.95	\$ 15.70	\$ 16.49	\$ 17.31	\$ 18.18
25	\$ 31,871.85	\$ 33,453.69	\$ 35,121.03	\$ 36,895.25	\$ 38,733.60
	\$ 2,655.99	\$ 2,787.81	\$ 2,926.75	\$ 3,074.60	\$ 3,227.80
	\$ 1,225.84	\$ 1,286.68	\$ 1,350.81	\$ 1,419.05	\$ 1,489.75
	\$ 15.32	\$ 16.08	\$ 16.89	\$ 17.73	\$ 18.62
26	\$ 32,662.77	\$ 34,287.36	\$ 35,997.45	\$ 37,814.43	\$ 39,695.53
	\$ 2,721.90	\$ 2,857.28	\$ 2,999.79	\$ 3,151.20	\$ 3,307.96
	\$ 1,256.26	\$ 1,318.74	\$ 1,384.52	\$ 1,454.40	\$ 1,526.75
	\$ 15.70	\$ 16.49	\$ 17.31	\$ 18.18	\$ 19.09
27	\$ 33,453.69	\$ 35,121.03	\$ 36,895.25	\$ 38,733.60	\$ 40,657.46
	\$ 2,787.81	\$ 2,926.75	\$ 3,074.60	\$ 3,227.80	\$ 3,388.12
	\$ 1,286.68	\$ 1,350.81	\$ 1,419.05	\$ 1,489.75	\$ 1,563.75
	\$ 16.08	\$ 16.89	\$ 17.73	\$ 18.62	\$ 19.55
28	\$ 34,287.36	\$ 35,997.45	\$ 37,814.43	\$ 39,695.53	\$ 41,683.51
	\$ 2,857.28	\$ 2,999.79	\$ 3,151.20	\$ 3,307.96	\$ 3,473.63
	\$ 1,318.74	\$ 1,384.52	\$ 1,454.40	\$ 1,526.75	\$ 1,603.21
	\$ 16.49	\$ 17.31	\$ 18.18	\$ 19.09	\$ 20.04
29	\$ 35,121.03	\$ 36,895.25	\$ 38,733.60	\$ 40,657.46	\$ 42,688.19
	\$ 2,926.75	\$ 3,074.60	\$ 3,227.80	\$ 3,388.12	\$ 3,557.35
	\$ 1,350.81	\$ 1,419.05	\$ 1,489.75	\$ 1,563.75	\$ 1,641.85
	\$ 16.89	\$ 17.73	\$ 18.62	\$ 19.55	\$ 20.53
30	\$ 35,997.45	\$ 37,814.43	\$ 39,695.53	\$ 41,683.51	\$ 43,757.00
	\$ 2,999.79	\$ 3,151.20	\$ 3,307.96	\$ 3,473.63	\$ 3,646.42
	\$ 1,384.52	\$ 1,454.40	\$ 1,526.75	\$ 1,603.21	\$ 1,682.96
	\$ 17.31	\$ 18.18	\$ 19.09	\$ 20.04	\$ 21.04

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018

ELK GROVE WATER DISTRICT
Salary Schedule
Annual, Monthly, Bi-Weekly & Hourly Wage
As of July 1, 2018

Grade	Step I	Step II	Step III	Step IV	Step V
31	\$ 36,895.25	\$ 38,733.60	\$ 40,657.46	\$ 42,688.19	\$ 44,825.81
	\$ 3,074.60	\$ 3,227.80	\$ 3,388.12	\$ 3,557.35	\$ 3,735.48
	\$ 1,419.05	\$ 1,489.75	\$ 1,563.75	\$ 1,641.85	\$ 1,724.07
	\$ 17.73	\$ 18.62	\$ 19.55	\$ 20.53	\$ 21.55
32	\$ 37,814.43	\$ 39,695.53	\$ 41,683.51	\$ 43,757.00	\$ 45,958.74
	\$ 3,151.20	\$ 3,307.96	\$ 3,473.63	\$ 3,646.42	\$ 3,829.90
	\$ 1,454.40	\$ 1,526.75	\$ 1,603.21	\$ 1,682.96	\$ 1,767.64
	\$ 18.18	\$ 19.09	\$ 20.04	\$ 21.04	\$ 22.09
33	\$ 38,733.60	\$ 40,657.46	\$ 42,688.19	\$ 44,825.81	\$ 47,070.30
	\$ 3,227.80	\$ 3,388.12	\$ 3,557.35	\$ 3,735.48	\$ 3,922.53
	\$ 1,489.75	\$ 1,563.75	\$ 1,641.85	\$ 1,724.07	\$ 1,810.40
	\$ 18.62	\$ 19.55	\$ 20.53	\$ 21.55	\$ 22.63
34	\$ 39,695.53	\$ 41,683.51	\$ 43,757.00	\$ 45,958.74	\$ 48,245.99
	\$ 3,307.96	\$ 3,473.63	\$ 3,646.42	\$ 3,829.90	\$ 4,020.50
	\$ 1,526.75	\$ 1,603.21	\$ 1,682.96	\$ 1,767.64	\$ 1,855.62
	\$ 19.09	\$ 20.04	\$ 21.04	\$ 22.09	\$ 23.20
35	\$ 40,657.46	\$ 42,688.19	\$ 44,825.81	\$ 47,070.30	\$ 49,421.68
	\$ 3,388.12	\$ 3,557.35	\$ 3,735.48	\$ 3,922.53	\$ 4,118.47
	\$ 1,563.75	\$ 1,641.85	\$ 1,724.07	\$ 1,810.40	\$ 1,900.83
	\$ 19.55	\$ 20.53	\$ 21.55	\$ 22.63	\$ 23.76
36	\$ 41,683.51	\$ 43,757.00	\$ 45,958.74	\$ 48,245.99	\$ 50,661.50
	\$ 3,473.63	\$ 3,646.42	\$ 3,829.90	\$ 4,020.50	\$ 4,221.79
	\$ 1,603.21	\$ 1,682.96	\$ 1,767.64	\$ 1,855.62	\$ 1,948.52
	\$ 20.04	\$ 21.04	\$ 22.09	\$ 23.20	\$ 24.36
37	\$ 42,688.19	\$ 44,825.81	\$ 47,070.30	\$ 49,421.68	\$ 51,901.32
	\$ 3,557.35	\$ 3,735.48	\$ 3,922.53	\$ 4,118.47	\$ 4,325.11
	\$ 1,641.85	\$ 1,724.07	\$ 1,810.40	\$ 1,900.83	\$ 1,996.20
	\$ 20.53	\$ 21.55	\$ 22.63	\$ 23.76	\$ 24.95
38	\$ 43,757.00	\$ 45,958.74	\$ 48,245.99	\$ 50,661.50	\$ 53,205.26
	\$ 3,646.42	\$ 3,829.90	\$ 4,020.50	\$ 4,221.79	\$ 4,433.77
	\$ 1,682.96	\$ 1,767.64	\$ 1,855.62	\$ 1,948.52	\$ 2,046.36
	\$ 21.04	\$ 22.09	\$ 23.20	\$ 24.36	\$ 25.58
39	\$ 44,825.81	\$ 47,070.30	\$ 49,421.68	\$ 51,901.32	\$ 54,487.83
	\$ 3,735.48	\$ 3,922.53	\$ 4,118.47	\$ 4,325.11	\$ 4,540.65
	\$ 1,724.07	\$ 1,810.40	\$ 1,900.83	\$ 1,996.20	\$ 2,095.69
	\$ 21.55	\$ 22.63	\$ 23.76	\$ 24.95	\$ 26.20
40	\$ 45,958.74	\$ 48,245.99	\$ 50,661.50	\$ 53,205.26	\$ 55,855.91
	\$ 3,829.90	\$ 4,020.50	\$ 4,221.79	\$ 4,433.77	\$ 4,654.66
	\$ 1,767.64	\$ 1,855.62	\$ 1,948.52	\$ 2,046.36	\$ 2,148.30
	\$ 22.09	\$ 23.20	\$ 24.36	\$ 25.58	\$ 26.85

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018

ELK GROVE WATER DISTRICT
Salary Schedule
Annual, Monthly, Bi-Weekly & Hourly Wage
As of July 1, 2018

Grade	Step I	Step II	Step III	Step IV	Step V
41	\$ 47,070.30	\$ 49,421.68	\$ 51,901.32	\$ 54,487.83	\$ 57,223.98
	\$ 3,922.53	\$ 4,118.47	\$ 4,325.11	\$ 4,540.65	\$ 4,768.67
	\$ 1,810.40	\$ 1,900.83	\$ 1,996.20	\$ 2,095.69	\$ 2,200.92
	\$ 22.63	\$ 23.76	\$ 24.95	\$ 26.20	\$ 27.51
42	\$ 48,245.99	\$ 50,661.50	\$ 53,205.26	\$ 55,855.91	\$ 58,656.18
	\$ 4,020.50	\$ 4,221.79	\$ 4,433.77	\$ 4,654.66	\$ 4,888.02
	\$ 1,855.62	\$ 1,948.52	\$ 2,046.36	\$ 2,148.30	\$ 2,256.01
	\$ 23.20	\$ 24.36	\$ 25.58	\$ 26.85	\$ 28.20
43	\$ 49,421.68	\$ 51,901.32	\$ 54,487.83	\$ 57,223.98	\$ 60,088.39
	\$ 4,118.47	\$ 4,325.11	\$ 4,540.65	\$ 4,768.67	\$ 5,007.37
	\$ 1,900.83	\$ 1,996.20	\$ 2,095.69	\$ 2,200.92	\$ 2,311.09
	\$ 23.76	\$ 24.95	\$ 26.20	\$ 27.51	\$ 28.89
44	\$ 50,661.50	\$ 53,205.26	\$ 55,855.91	\$ 58,656.18	\$ 61,584.72
	\$ 4,221.79	\$ 4,433.77	\$ 4,654.66	\$ 4,888.02	\$ 5,132.06
	\$ 1,948.52	\$ 2,046.36	\$ 2,148.30	\$ 2,256.01	\$ 2,368.64
	\$ 24.36	\$ 25.58	\$ 26.85	\$ 28.20	\$ 29.61
45	\$ 51,901.32	\$ 54,487.83	\$ 57,223.98	\$ 60,088.39	\$ 63,081.05
	\$ 4,325.11	\$ 4,540.65	\$ 4,768.67	\$ 5,007.37	\$ 5,256.75
	\$ 1,996.20	\$ 2,095.69	\$ 2,200.92	\$ 2,311.09	\$ 2,426.19
	\$ 24.95	\$ 26.20	\$ 27.51	\$ 28.89	\$ 30.33
46	\$ 53,205.26	\$ 55,855.91	\$ 58,656.18	\$ 61,584.72	\$ 64,662.88
	\$ 4,433.77	\$ 4,654.66	\$ 4,888.02	\$ 5,132.06	\$ 5,388.57
	\$ 2,046.36	\$ 2,148.30	\$ 2,256.01	\$ 2,368.64	\$ 2,487.03
	\$ 25.58	\$ 26.85	\$ 28.20	\$ 29.61	\$ 31.09
47	\$ 54,487.83	\$ 57,223.98	\$ 60,088.39	\$ 63,081.05	\$ 66,244.72
	\$ 4,540.65	\$ 4,768.67	\$ 5,007.37	\$ 5,256.75	\$ 5,520.39
	\$ 2,095.69	\$ 2,200.92	\$ 2,311.09	\$ 2,426.19	\$ 2,547.87
	\$ 26.20	\$ 27.51	\$ 28.89	\$ 30.33	\$ 31.85
48	\$ 55,855.91	\$ 58,656.18	\$ 61,584.72	\$ 64,662.88	\$ 67,890.68
	\$ 4,654.66	\$ 4,888.02	\$ 5,132.06	\$ 5,388.57	\$ 5,657.56
	\$ 2,148.30	\$ 2,256.01	\$ 2,368.64	\$ 2,487.03	\$ 2,611.18
	\$ 26.85	\$ 28.20	\$ 29.61	\$ 31.09	\$ 32.64
49	\$ 57,223.98	\$ 60,088.39	\$ 63,081.05	\$ 66,244.72	\$ 69,558.02
	\$ 4,768.67	\$ 5,007.37	\$ 5,256.75	\$ 5,520.39	\$ 5,796.50
	\$ 2,200.92	\$ 2,311.09	\$ 2,426.19	\$ 2,547.87	\$ 2,675.31
	\$ 27.51	\$ 28.89	\$ 30.33	\$ 31.85	\$ 33.44
50	\$ 58,656.18	\$ 61,584.72	\$ 64,662.88	\$ 67,890.68	\$ 71,289.49
	\$ 4,888.02	\$ 5,132.06	\$ 5,388.57	\$ 5,657.56	\$ 5,940.79
	\$ 2,256.01	\$ 2,368.64	\$ 2,487.03	\$ 2,611.18	\$ 2,741.90
	\$ 28.20	\$ 29.61	\$ 31.09	\$ 32.64	\$ 34.27

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018

ELK GROVE WATER DISTRICT
Salary Schedule
Annual, Monthly, Bi-Weekly & Hourly Wage
As of July 1, 2018

Grade	Step I	Step II	Step III	Step IV	Step V
51	\$ 60,088.39	\$ 63,081.05	\$ 66,244.72	\$ 69,558.02	\$ 73,020.96
	\$ 5,007.37	\$ 5,256.75	\$ 5,520.39	\$ 5,796.50	\$ 6,085.08
	\$ 2,311.09	\$ 2,426.19	\$ 2,547.87	\$ 2,675.31	\$ 2,808.50
	\$ 28.89	\$ 30.33	\$ 31.85	\$ 33.44	\$ 35.11
52	\$ 61,584.72	\$ 64,662.88	\$ 67,890.68	\$ 71,289.49	\$ 74,859.31
	\$ 5,132.06	\$ 5,388.57	\$ 5,657.56	\$ 5,940.79	\$ 6,238.28
	\$ 2,368.64	\$ 2,487.03	\$ 2,611.18	\$ 2,741.90	\$ 2,879.20
	\$ 29.61	\$ 31.09	\$ 32.64	\$ 34.27	\$ 35.99
53	\$ 63,081.05	\$ 66,244.72	\$ 69,558.02	\$ 73,020.96	\$ 76,676.29
	\$ 5,256.75	\$ 5,520.39	\$ 5,796.50	\$ 6,085.08	\$ 6,389.69
	\$ 2,426.19	\$ 2,547.87	\$ 2,675.31	\$ 2,808.50	\$ 2,949.09
	\$ 30.33	\$ 31.85	\$ 33.44	\$ 35.11	\$ 36.87
54	\$ 64,662.88	\$ 67,890.68	\$ 71,289.49	\$ 74,859.31	\$ 78,600.14
	\$ 5,388.57	\$ 5,657.56	\$ 5,940.79	\$ 6,238.28	\$ 6,550.01
	\$ 2,487.03	\$ 2,611.18	\$ 2,741.90	\$ 2,879.20	\$ 3,023.08
	\$ 31.09	\$ 32.64	\$ 34.27	\$ 35.99	\$ 37.79
55	\$ 66,244.72	\$ 69,558.02	\$ 73,020.96	\$ 76,676.29	\$ 80,523.99
	\$ 5,520.39	\$ 5,796.50	\$ 6,085.08	\$ 6,389.69	\$ 6,710.33
	\$ 2,547.87	\$ 2,675.31	\$ 2,808.50	\$ 2,949.09	\$ 3,097.08
	\$ 31.85	\$ 33.44	\$ 35.11	\$ 36.87	\$ 38.71
56	\$ 67,890.68	\$ 71,289.49	\$ 74,859.31	\$ 78,600.14	\$ 82,533.35
	\$ 5,657.56	\$ 5,940.79	\$ 6,238.28	\$ 6,550.01	\$ 6,877.78
	\$ 2,611.18	\$ 2,741.90	\$ 2,879.20	\$ 3,023.08	\$ 3,174.36
	\$ 32.64	\$ 34.27	\$ 35.99	\$ 37.79	\$ 39.68
57	\$ 69,558.02	\$ 73,020.96	\$ 76,676.29	\$ 80,523.99	\$ 84,542.71
	\$ 5,796.50	\$ 6,085.08	\$ 6,389.69	\$ 6,710.33	\$ 7,045.23
	\$ 2,675.31	\$ 2,808.50	\$ 2,949.09	\$ 3,097.08	\$ 3,251.64
	\$ 33.44	\$ 35.11	\$ 36.87	\$ 38.71	\$ 40.64
58	\$ 71,289.49	\$ 74,859.31	\$ 78,600.14	\$ 82,533.35	\$ 86,658.95
	\$ 5,940.79	\$ 6,238.28	\$ 6,550.01	\$ 6,877.78	\$ 7,221.58
	\$ 2,741.90	\$ 2,879.20	\$ 3,023.08	\$ 3,174.36	\$ 3,333.04
	\$ 34.27	\$ 35.99	\$ 37.79	\$ 39.68	\$ 41.66
59	\$ 73,020.96	\$ 76,676.29	\$ 80,523.99	\$ 84,542.71	\$ 88,775.19
	\$ 6,085.08	\$ 6,389.69	\$ 6,710.33	\$ 7,045.23	\$ 7,397.93
	\$ 2,808.50	\$ 2,949.09	\$ 3,097.08	\$ 3,251.64	\$ 3,414.43
	\$ 35.11	\$ 36.87	\$ 38.71	\$ 40.64	\$ 42.68
60	\$ 74,859.31	\$ 78,600.14	\$ 82,533.35	\$ 86,658.95	\$ 90,976.94
	\$ 6,238.28	\$ 6,550.01	\$ 6,877.78	\$ 7,221.58	\$ 7,581.41
	\$ 2,879.20	\$ 3,023.08	\$ 3,174.36	\$ 3,333.04	\$ 3,499.11
	\$ 35.99	\$ 37.79	\$ 39.68	\$ 41.66	\$ 43.74

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018

ELK GROVE WATER DISTRICT
Salary Schedule
Annual, Monthly, Bi-Weekly & Hourly Wage
As of July 1, 2018

Grade	Step I	Step II	Step III	Step IV	Step V
61	\$ 76,676.29	\$ 80,523.99	\$ 84,542.71	\$ 88,775.19	\$ 93,200.06
	\$ 6,389.69	\$ 6,710.33	\$ 7,045.23	\$ 7,397.93	\$ 7,766.67
	\$ 2,949.09	\$ 3,097.08	\$ 3,251.64	\$ 3,414.43	\$ 3,584.62
	\$ 36.87	\$ 38.71	\$ 40.64	\$ 42.68	\$ 44.81
62	\$ 78,600.14	\$ 82,533.35	\$ 86,658.95	\$ 90,976.94	\$ 95,530.06
	\$ 6,550.01	\$ 6,877.78	\$ 7,221.58	\$ 7,581.41	\$ 7,960.84
	\$ 3,023.08	\$ 3,174.36	\$ 3,333.04	\$ 3,499.11	\$ 3,674.23
	\$ 37.79	\$ 39.68	\$ 41.66	\$ 43.74	\$ 45.93
63	\$ 80,523.99	\$ 84,542.71	\$ 88,775.19	\$ 93,200.06	\$ 97,860.06
	\$ 6,710.33	\$ 7,045.23	\$ 7,397.93	\$ 7,766.67	\$ 8,155.01
	\$ 3,097.08	\$ 3,251.64	\$ 3,414.43	\$ 3,584.62	\$ 3,763.85
	\$ 38.71	\$ 40.64	\$ 42.68	\$ 44.81	\$ 47.05
64	\$ 82,533.35	\$ 86,658.95	\$ 90,976.94	\$ 95,530.06	\$100,318.32
	\$ 6,877.78	\$ 7,221.58	\$ 7,581.41	\$ 7,960.84	\$ 8,359.86
	\$ 3,174.36	\$ 3,333.04	\$ 3,499.11	\$ 3,674.23	\$ 3,858.40
	\$ 39.68	\$ 41.66	\$ 43.74	\$ 45.93	\$ 48.23
65	\$ 84,542.71	\$ 88,775.19	\$ 93,200.06	\$ 97,860.06	\$102,755.20
	\$ 7,045.23	\$ 7,397.93	\$ 7,766.67	\$ 8,155.01	\$ 8,562.93
	\$ 3,251.64	\$ 3,414.43	\$ 3,584.62	\$ 3,763.85	\$ 3,952.12
	\$ 40.64	\$ 42.68	\$ 44.81	\$ 47.05	\$ 49.40
66	\$ 86,658.95	\$ 90,976.94	\$ 95,530.06	\$100,318.32	\$105,320.34
	\$ 7,221.58	\$ 7,581.41	\$ 7,960.84	\$ 8,359.86	\$ 8,776.70
	\$ 3,333.04	\$ 3,499.11	\$ 3,674.23	\$ 3,858.40	\$ 4,050.78
	\$ 41.66	\$ 43.74	\$ 45.93	\$ 48.23	\$ 50.64
67	\$ 88,775.19	\$ 93,200.06	\$ 97,860.06	\$102,755.20	\$107,906.86
	\$ 7,397.93	\$ 7,766.67	\$ 8,155.01	\$ 8,562.93	\$ 8,992.24
	\$ 3,414.43	\$ 3,584.62	\$ 3,763.85	\$ 3,952.12	\$ 4,150.26
	\$ 42.68	\$ 44.81	\$ 47.05	\$ 49.40	\$ 51.87
68	\$ 90,976.94	\$ 95,530.06	\$100,318.32	\$105,320.34	\$110,600.25
	\$ 7,581.41	\$ 7,960.84	\$ 8,359.86	\$ 8,776.70	\$ 9,216.69
	\$ 3,499.11	\$ 3,674.23	\$ 3,858.40	\$ 4,050.78	\$ 4,253.86
	\$ 43.74	\$ 45.93	\$ 48.23	\$ 50.64	\$ 53.17
69	\$ 93,200.06	\$ 97,860.06	\$102,755.20	\$107,906.86	\$113,293.65
	\$ 7,766.67	\$ 8,155.01	\$ 8,562.93	\$ 8,992.24	\$ 9,441.14
	\$ 3,584.62	\$ 3,763.85	\$ 3,952.12	\$ 4,150.26	\$ 4,357.45
	\$ 44.81	\$ 47.05	\$ 49.40	\$ 51.87	\$ 54.47
70	\$ 95,530.06	\$100,318.32	\$105,320.34	\$110,600.25	\$116,115.30
	\$ 7,960.84	\$ 8,359.86	\$ 8,776.70	\$ 9,216.69	\$ 9,676.28
	\$ 3,674.23	\$ 3,858.40	\$ 4,050.78	\$ 4,253.86	\$ 4,465.97
	\$ 45.93	\$ 48.23	\$ 50.64	\$ 53.17	\$ 55.83

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018

ELK GROVE WATER DISTRICT
Salary Schedule
Annual, Monthly, Bi-Weekly & Hourly Wage
As of July 1, 2018

Grade	Step I	Step II	Step III	Step IV	Step V
71	\$ 97,860.06	\$ 102,755.20	\$ 107,906.86	\$ 113,293.65	\$ 118,958.33
	\$ 8,155.01	\$ 8,562.93	\$ 8,992.24	\$ 9,441.14	\$ 9,913.19
	\$ 3,763.85	\$ 3,952.12	\$ 4,150.26	\$ 4,357.45	\$ 4,575.32
	\$ 47.05	\$ 49.40	\$ 51.87	\$ 54.47	\$ 57.19
72	\$ 100,318.32	\$ 105,320.34	\$ 110,600.25	\$ 116,115.30	\$ 121,929.62
	\$ 8,359.86	\$ 8,776.70	\$ 9,216.69	\$ 9,676.28	\$ 10,160.80
	\$ 3,858.40	\$ 4,050.78	\$ 4,253.86	\$ 4,465.97	\$ 4,689.60
	\$ 48.23	\$ 50.64	\$ 53.17	\$ 55.83	\$ 58.62
73	\$ 102,755.20	\$ 107,906.86	\$ 113,293.65	\$ 118,958.33	\$ 124,900.90
	\$ 8,562.93	\$ 8,992.24	\$ 9,441.14	\$ 9,913.19	\$ 10,408.41
	\$ 3,952.12	\$ 4,150.26	\$ 4,357.45	\$ 4,575.32	\$ 4,803.88
	\$ 49.40	\$ 51.87	\$ 54.47	\$ 57.19	\$ 60.05
74	\$ 105,320.34	\$ 110,600.25	\$ 116,115.30	\$ 121,929.62	\$ 128,021.82
	\$ 8,776.70	\$ 9,216.69	\$ 9,676.28	\$ 10,160.80	\$ 10,668.49
	\$ 4,050.78	\$ 4,253.86	\$ 4,465.97	\$ 4,689.60	\$ 4,923.92
	\$ 50.64	\$ 53.17	\$ 55.83	\$ 58.62	\$ 61.55
75	\$ 107,906.86	\$ 113,293.65	\$ 118,958.33	\$ 124,900.90	\$ 131,142.74
	\$ 8,992.24	\$ 9,441.14	\$ 9,913.19	\$ 10,408.41	\$ 10,928.56
	\$ 4,150.26	\$ 4,357.45	\$ 4,575.32	\$ 4,803.88	\$ 5,043.95
	\$ 51.87	\$ 54.47	\$ 57.19	\$ 60.05	\$ 63.05
76	\$ 110,600.25	\$ 116,115.30	\$ 121,929.62	\$ 128,021.82	\$ 134,434.67
	\$ 9,216.69	\$ 9,676.28	\$ 10,160.80	\$ 10,668.49	\$ 11,202.89
	\$ 4,253.86	\$ 4,465.97	\$ 4,689.60	\$ 4,923.92	\$ 5,170.56
	\$ 53.17	\$ 55.83	\$ 58.62	\$ 61.55	\$ 64.63
77	\$ 113,293.65	\$ 118,958.33	\$ 124,900.90	\$ 131,142.74	\$ 137,705.22
	\$ 9,441.14	\$ 9,913.19	\$ 10,408.41	\$ 10,928.56	\$ 11,475.44
	\$ 4,357.45	\$ 4,575.32	\$ 4,803.88	\$ 5,043.95	\$ 5,296.35
	\$ 54.47	\$ 57.19	\$ 60.05	\$ 63.05	\$ 66.21
78	\$ 116,115.30	\$ 121,929.62	\$ 128,021.82	\$ 134,434.67	\$ 141,146.78
	\$ 9,676.28	\$ 10,160.80	\$ 10,668.49	\$ 11,202.89	\$ 11,762.23
	\$ 4,465.97	\$ 4,689.60	\$ 4,923.92	\$ 5,170.56	\$ 5,428.72
	\$ 55.83	\$ 58.62	\$ 61.55	\$ 64.63	\$ 67.86
79	\$ 118,958.33	\$ 124,900.90	\$ 131,142.74	\$ 137,705.22	\$ 144,588.35
	\$ 9,913.19	\$ 10,408.41	\$ 10,928.56	\$ 11,475.44	\$ 12,049.03
	\$ 4,575.32	\$ 4,803.88	\$ 5,043.95	\$ 5,296.35	\$ 5,561.09
	\$ 57.19	\$ 60.05	\$ 63.05	\$ 66.21	\$ 69.52
80	\$ 121,929.62	\$ 128,021.82	\$ 134,434.67	\$ 141,146.78	\$ 148,200.92
	\$ 10,160.80	\$ 10,668.49	\$ 11,202.89	\$ 11,762.23	\$ 12,350.08
	\$ 4,689.60	\$ 4,923.92	\$ 5,170.56	\$ 5,428.72	\$ 5,700.04
	\$ 58.62	\$ 61.55	\$ 64.63	\$ 67.86	\$ 71.25

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

June 20, 2018

ELK GROVE WATER DISTRICT

Salary Schedule

Annual, Monthly, Bi-Weekly & Hourly Wage

As of July 1, 2018

Grade	Step I	Step II	Step III	Step IV	Step V
81	\$ 124,900.90	\$ 131,142.74	\$ 137,705.22	\$ 144,588.35	\$ 151,813.49
	\$ 10,408.41	\$ 10,928.56	\$ 11,475.44	\$ 12,049.03	\$ 12,651.12
	\$ 4,803.88	\$ 5,043.95	\$ 5,296.35	\$ 5,561.09	\$ 5,838.98
	\$ 60.05	\$ 63.05	\$ 66.21	\$ 69.52	\$ 72.99
82	\$ 128,021.82	\$ 134,434.67	\$ 141,146.78	\$ 148,200.92	\$ 155,618.44
	\$ 10,668.49	\$ 11,202.89	\$ 11,762.23	\$ 12,350.08	\$ 12,968.20
	\$ 4,923.92	\$ 5,170.56	\$ 5,428.72	\$ 5,700.04	\$ 5,985.32
	\$ 61.55	\$ 64.63	\$ 67.86	\$ 71.25	\$ 74.82
83	\$ 131,142.74	\$ 137,705.22	\$ 144,588.35	\$ 151,813.49	\$ 159,423.40
	\$ 10,928.56	\$ 11,475.44	\$ 12,049.03	\$ 12,651.12	\$ 13,285.28
	\$ 5,043.95	\$ 5,296.35	\$ 5,561.09	\$ 5,838.98	\$ 6,131.67
	\$ 63.05	\$ 66.21	\$ 69.52	\$ 72.99	\$ 76.64
84	\$ 134,434.67	\$ 141,146.78	\$ 148,200.92	\$ 155,618.44	\$ 163,399.37
	\$ 11,202.89	\$ 11,762.23	\$ 12,350.08	\$ 12,968.20	\$ 13,616.61
	\$ 5,170.56	\$ 5,428.72	\$ 5,700.04	\$ 5,985.32	\$ 6,284.59
	\$ 64.63	\$ 67.86	\$ 71.25	\$ 74.82	\$ 78.56
85	\$ 137,705.22	\$ 144,588.35	\$ 151,813.49	\$ 159,423.40	\$ 167,375.33
	\$ 11,475.44	\$ 12,049.03	\$ 12,651.12	\$ 13,285.28	\$ 13,947.94
	\$ 5,296.35	\$ 5,561.09	\$ 5,838.98	\$ 6,131.67	\$ 6,437.51
	\$ 66.21	\$ 69.52	\$ 72.99	\$ 76.64	\$ 80.47
86	\$ 141,146.78	\$ 148,200.92	\$ 155,618.44	\$ 163,399.37	\$ 171,565.06
	\$ 11,762.23	\$ 12,350.08	\$ 12,968.20	\$ 13,616.61	\$ 14,297.09
	\$ 5,428.72	\$ 5,700.04	\$ 5,985.32	\$ 6,284.59	\$ 6,598.66
	\$ 67.86	\$ 71.25	\$ 74.82	\$ 78.56	\$ 82.48
87	\$ 144,588.35	\$ 151,813.49	\$ 159,423.40	\$ 167,375.33	\$ 175,754.79
	\$ 12,049.03	\$ 12,651.12	\$ 13,285.28	\$ 13,947.94	\$ 14,646.23
	\$ 5,561.09	\$ 5,838.98	\$ 6,131.67	\$ 6,437.51	\$ 6,759.80
	\$ 69.52	\$ 72.99	\$ 76.64	\$ 80.47	\$ 84.50
88	\$ 148,200.92	\$ 155,618.44	\$ 163,399.37	\$ 171,565.06	\$ 180,136.90
	\$ 12,350.08	\$ 12,968.20	\$ 13,616.61	\$ 14,297.09	\$ 15,011.41
	\$ 5,700.04	\$ 5,985.32	\$ 6,284.59	\$ 6,598.66	\$ 6,928.34
	\$ 71.25	\$ 74.82	\$ 78.56	\$ 82.48	\$ 86.61
89	\$ 151,813.49	\$ 159,423.40	\$ 167,375.33	\$ 175,754.79	\$ 184,540.39
	\$ 12,651.12	\$ 13,285.28	\$ 13,947.94	\$ 14,646.23	\$ 15,378.37
	\$ 5,838.98	\$ 6,131.67	\$ 6,437.51	\$ 6,759.80	\$ 7,097.71
	\$ 72.99	\$ 76.64	\$ 80.47	\$ 84.50	\$ 88.72
90	\$ 155,618.44	\$ 163,399.37	\$ 171,565.06	\$ 180,136.90	\$ 189,157.64
	\$ 12,968.20	\$ 13,616.61	\$ 14,297.09	\$ 15,011.41	\$ 15,763.14
	\$ 5,985.32	\$ 6,284.59	\$ 6,598.66	\$ 6,928.34	\$ 7,275.29
	\$ 74.82	\$ 78.56	\$ 82.48	\$ 86.61	\$ 90.94

ELK GROVE WATER DISTRICT
General Manager Salary
Annual, Monthly, Bi-Weekly & Hourly Wage
As of July 1, 2018

General Manager	
GM	\$ 197,854
	\$ 16,488
	\$ 7,610
	\$ 95.12

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/FRCD which have monetary value.

Audit – An examination of the books and records of EGWD/FRCD 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/FRCD is governed by a Board, the members of which are elected by the voters within the FRCD boundaries. The Board sets policy and provides overall leadership for EGWD/FRCD 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 2018-2019 Operating Budget
June 20, 2018

C

CAC – Community Advisory Committee.

CalPERS – California Employees Public 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.

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.

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.

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.

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.

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.

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.

N

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

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.

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget

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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.

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

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

Elk Grove Water District Fiscal Year 2018-2019 Operating Budget
June 20, 2018

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

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.

X

Y

Z

June 20, 2018

TO: Chairperson and Directors of the Florin Resource Conservation District
FROM: Patrick Lee, Finance Manager / Treasurer
SUBJECT: **INVESTMENT POLICY GUIDELINES FISCAL YEAR 2018-19**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors adopt Resolution 06.20.18.03 approving the Fiscal Year 2018-19 Investment Policy Guidelines of the Florin Resource Conservation District.

SUMMARY

By this action, the Board will approve the Fiscal Year 2018-19 Investment Policy Guidelines (Attachment 1).

DISCUSSION

Background

State of California Government Code section 53600 et. seq., states that the authority to invest District funds is expressly delegated to the Board of Directors for subsequent re-delegation to the District Treasurer for a period of up to one year. Subject to review, the Board may renew the delegation of authority each year.

Present Situation

Investment Policy Guidelines Fiscal Year 2018-19 is an annual adoption of the Florin Resource Conservation District's Investment Policy. California Government Code sections 53600 – 53610 establishes the guidelines for the investment of public funds including the types of allowable investments and maximum amounts of each type of investment. Staff is not recommending any changes to the Investment Policy Guidelines at this time.

INVESTMENT POLICY GUIDELINES FISCAL YEAR 2018-19

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ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD's 2012-2017 Strategic Plan. Annual adoption of the Investment Policy Guidelines is in line with the financial stability and best business practices of the financial stability challenge section of the Strategic Plan.

FINANCIAL SUMMARY

There is no direct financial impact associated with this item.

Respectfully Submitted,



PATRICK LEE
FINANCE MANAGER / TREASURER

Attachments

RESOLUTION NO. 06.20.18.03

**A RESOLUTION OF THE FLORIN RESOURCE
CONSERVATION DISTRICT BOARD OF DIRECTORS
APPROVING THE FISCAL YEAR 2018-19 INVESTMENT POLICY
GUIDELINES OF THE FLORIN RESOURCE CONSERVATION DISTRICT**

WHEREAS, the Board of Directors adopted the Investment Policy Guidelines of the Florin Resource Conservation District (FY 2017-18) (“Investment Policy Guidelines”) on June 21, 2017, to guide the Florin Resource Conservation District (“District”), General Manager, Finance Manager, and District staff regarding District investments; and

WHEREAS, paragraph R of the Investment Policy Guidelines provides that the District shall adopt the Guidelines by resolution annually; and

WHEREAS, the Board of Directors wishes to re-adopt the Investment Policy Guidelines for the Fiscal Year (FY) 2018-19.

NOW, THEREFORE, BE IT RESOLVED by the Florin Resource Conservation District Board of Directors that:

Section 1. Investments shall be made in accordance with the Investment Policy Guidelines of the Florin Resource Conservation District (FY 2018-19) attached hereto as Exhibit “A,” and made a part hereof.

Section 2. The policies adopted by this resolution are in addition to and supplement any other legal requirements.

Section 3. The Secretary to the Board shall certify to the passage and adoption of this resolution and the same shall take effect and be in force upon its adoption.

PASSED AND ADOPTED by the Florin Resource Conservation District Board of Directors on this 20th day of June, 2018 by the following vote:

**AYES:
NOES:
ABSENT:
ABSTAIN:**

Tom Nelson
Chairperson of the Board of Directors

ATTEST:

Stefani Phillips
Board Secretary



**Investment Policy Guidelines of the
Florin Resource Conservation District**

FY 2018-19

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A. Investment Authority

In accordance with the 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.

B. Delegation of Authority

Management responsibility for the investment program is hereby delegated, pursuant to Section 53607 of the Government Code, to the Finance Manager/District Treasurer, who shall establish written procedures for the operation of the investment program consistent with this investment policy. This responsibility includes authority to select Brokers, establish safekeeping accounts, enter into wire transfer agreements, banking service contracts, and collateral/depository agreements. The Finance Manager/Treasurer shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials. This delegation shall be for no greater than one year and may be revoked at any time, or, upon review, renewed each year.

C. Policy

It is the policy of the Florin Resource Conservation District 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 District and conforming to all state and local statutes governing the investment of public funds.

D. Scope

This investment policy applies to all surplus financial assets of the District. These funds are accounted in the monthly financial reports and the comprehensive annual financial report of District financial activities.

E. Prudence

The standard of prudence to be used by investment officials in the management of District funds shall be the “prudent investor” standard which shall be applied in the context of managing all aspects of the overall portfolio. Investments shall be made with the care, skill, prudence and diligence, under circumstances then prevailing, including the general economic conditions and the anticipated needs of the District, which persons of prudence, discretion and intelligence acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the District.

It is the District’s intent, at the time of purchase, to hold all investments until maturity. However, investments may be sold prior to maturity for cash flow purposes or to take advantage of principal appreciation.

F. Objective

The primary objectives, in priority order, of the District’s investment activities shall be:

1. **Safety:** Safety of principal is the foremost objective of the investment program. Investments of the District shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio.

2. **Liquidity:** The District's investment portfolio will remain sufficiently liquid to enable the District to meet all operating requirements which might be reasonably anticipated.
3. **Return on Investments:** The District's investment portfolio shall be designed with the objective of attaining a rate of return commensurate with the District's investment risk constraints and the cash flow characteristics of the portfolio.

G. Ethics and Conflicts of Interest

Officers and employees involved in the investment process shall refrain from personal business activity that conflicts with proper execution of the investment program or impairs their ability to make impartial investment decisions. Additionally, the Finance Manager/Director Treasurer is required to annually file applicable financial disclosures as required by the Fair Political Practices Commission (FPPC) and/or the District's Conflict of Interest Code.

H. Authorized Financial Dealers and Institutions

The District shall transact business only with banks, associations, and with broker/dealers licensed by the State of California. The broker/dealers should be primary government dealers regularly reporting to the New York Federal Reserve Bank. The Finance Manager/District Treasurer shall annually send a copy of the current investment policy to all broker/dealers approved to do business with the District. Confirmation of receipt of this policy shall be considered evidence that the dealer understands the District's investment policies and intends to sell the District only appropriate investments authorized by this investment policy.

I. Authorized and Suitable Investments

All investment vehicles allowed by Sections 53601 of the California Government Code may be used by the Florin Resource Conservation District.

GOVERNMENT AGENCY ISSUES: As authorized in Government Code Sections 53601 (a) through (f), this category includes a wide variety of government securities. There are no special portfolio limitations on the amount that may be invested in these securities, as follows:

1. California local government agency bonds, notes, warrants or other indebtedness;
2. California State warrants, notes, bonds or other indebtedness;
3. Bonds issued by the Florin Resource Conservation District;
4. U.S. Treasury notes, bonds, bills or other certificates of indebtedness secured by the full faith and credit of the federal government;
5. Federal agency or United States government-sponsored enterprise obligations, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises.

BANKERS ACCEPTANCES: As provided in Government Code Section 53601 (g), up to 40% of the District's surplus funds may be invested in Bankers Acceptances [that are eligible for purchase by the Federal Reserve System], although no more than 30% of the surplus funds may be invested in Bankers Acceptances of any one commercial bank. Additionally, the maturity period of any Bankers Acceptance shall not exceed 180 days.

COMMERCIAL PAPER: As authorized in Government Code Section 53601 (h), up to 25% of the District's surplus funds may be invested in "prime" commercial paper of quality of the highest ranking or of the highest letter and number rating provided by a nationally recognized statistical-rating organization (NRSRO). Issuing corporation must meet all of the following conditions in either paragraph (1) or paragraph (2):

- (1) The entity meets the following criteria:
 - (A) Is organized and operating in the United States as a general corporation.
 - (B) Has total assets in excess of five hundred million dollars (\$500,000,000).
 - (C) Has debt other than commercial paper, if any, that is rated "A" or higher by a nationally recognized statistical-rating organization (NRSRO).
- (2) The entity meets the following criteria:
 - (A) Is organized within the United States as a special purpose corporation, trust, or limited liability company.
 - (B) Has program-wide credit enhancements including, but not limited to, overcollateralization, letters of credit, or surety bond.
 - (C) Has commercial paper that is rated "A-1" or higher, or the equivalent, by a nationally recognized statistical-rating organization (NRSRO).

District shall not purchase more than 10% of the outstanding commercial paper of any one issuer. Maturities may not exceed 270 days.

NEGOTIABLE CERTIFICATES OF DEPOSIT OR BONDS: As authorized in Government Code Section 53601 (i), up to 30% of District's surplus funds may be invested in negotiable certificates of deposit issued by nationally or state-chartered commercial banks, federally insured credit unions, or the state licensed branch of a foreign bank. There is no limitation on the maturity period for this investment vehicle except for the overall investment constraints.

REPURCHASE AGREEMENTS, REVERSE REPURCHASE AGREEMENTS, OR SECURITIES LENDING AGREEMENTS: As authorized in Government Code Section 53601 (j), District may invest in repurchase agreements, reverse repurchase agreements, or securities lending agreements of any securities authorized in Government Code Section 53601 (a) to (k) or (n) or (o) provided that a master repurchase agreement that complies with the Bond Market Association (TBMA) Model has been executed with the contra-party. These investment vehicles are agreements between the District and the seller for the purchase of government securities to be resold on or before a specified date and for a specified amount. The market value of the securities that underlay the repurchase agreement shall be valued at 102% or greater of the funds borrowed against those securities, adjusted no less than quarterly. As provided in Government Code Section 53601(j)(5), investing in reverse repurchase agreements or securities lending agreements may only be made upon prior approval of the Board of Directors. The proceeds from a reverse repurchase agreement shall solely supplement the income normally received from the underlying securities.

Also:

1. The maturity of the reverse repurchase agreement must match the maturity of the securities purchased with the proceeds from the sale of the securities on the reverse repurchase agreement, and shall not exceed a term of 92 days, unless the agreement includes a written codicil guaranteeing a minimum earning or spread

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for the entire period between the sale of a security using a reverse repurchase agreement and the final maturity date of the same security.

2. The total amount invested in reverse repurchase agreements shall not exceed 20% of the base value of the portfolio.
3. The securities to be sold on the reverse repurchase agreement or securities lending agreement must be owned and fully paid for by the District for a minimum of 30 days prior to the settlement of the reverse repurchase agreement.
4. Repurchase agreements, reverse repurchase agreements, or securities lending agreements may only be made with primary dealers of the Federal Reserve Bank of New York.

The Board of Directors specifically authorizes the Finance Manager/District Treasurer to enter into reverse repurchase agreements or securities lending agreements pursuant to the limitations described herein.

MEDIUM-TERM CORPORATE NOTES: As authorized in Government Code Section 53601 (k), up to 30% of District's surplus funds may be invested in medium term corporate notes. Maturities may not exceed five years. The issuing corporation must be organized and operating within the U.S. and must be rated "A" or better by a nationally recognized rating service.

SHARES OF BENEFICIAL INTEREST: As authorized by Government Code Section 53601 (l), up to 20% of District's surplus funds may be invested in shares of beneficial interest issued by diversified management companies investing in securities authorized by Government Code Section 53601 (a) to (k), inclusive or (n) or (o), and shares of beneficial interest issued by diversified management companies that are money market funds registered with the Securities and Exchange Commission under the investment company act of 1940.

If the investment is in shares by a company that invests in securities and obligations authorized by subdivisions (a) to (k), inclusive or subdivisions (n) or (o), the company must have attained the highest ranking or the highest letter and numerical rating provided by two nationally recognized statistical rating organizations or retain an investment advisor registered or exempt from registration with the Securities and Exchange Commission with at least five (5) years investing the securities authorized by subdivisions (a) to (k), inclusive, or (n) or (o) or experience managing money market mutual funds and with assets under management in excess of five hundred million dollars (\$500,000,000.00).

The purchase price of shares shall not include any commission and no more than 10% of the surplus funds may be invested in shares of any one mutual fund.

MORTGAGE PASS-THROUGH SECURITIES: As authorized in Government Code Section 53601 (o) up to 20% of the District's surplus funds may be invested in mortgage pass-through securities, collateralized mortgage obligations, mortgage-backed or other pay-through bonds, equipment lease-backed certificates, consumer receivable pass-through certificates, or consumer receivable-backed bonds of a maximum of five years maturity.

Securities eligible for investment under this provision shall be issued by an issuer having an "A" or higher rating for the issuer's debt as provided by a nationally recognized rating service and rated in a rating category of "AA" or its equivalent or better by a nationally recognized rating service.

FINANCIAL FUTURES AND FINANCIAL OPTION CONTRACTS: As permitted in Government Code Section 53601.1, District may invest in financial futures or financial option contracts in any of the above investment categories, subject to the same overall portfolio limitations.

TIME CERTIFICATES OF DEPOSIT: As authorized in Government Code Sections 53601.8 and 53630 and following, up to 30% of the District's surplus funds may invested funds in non-negotiable, fixed-term Certificates of Deposit collateralized in accordance with the Government Code requirements. In order to secure such deposits, an institution shall maintain in the collateral pool securities having a market value of at least 10% in excess of the total amount deposited (50% in excess of the total amount of deposits secured by promissory notes secured by first mortgages and first trust deeds). District is permitted to waive the first \$100,000 of collateral security for such deposits if the institution is insured pursuant to federal law. There are no special portfolio limits on the amount or maturity for this investment vehicle. TCDs may be purchased from banks, associations, federally insured credit unions, and federally insured industrial loan companies which meet the requirements set forth in the Government Code.

LAIF: Deposits with the Local Agency Investment Fund, which is managed by the California State Treasurer's Office, are also permitted. This investing is authorized by Government Code Section 16429.1. The District is a current participant in this fund.

J. Prohibited Investments

The District shall not invest any funds, pursuant to Government Code 53601.6 or pursuant to Article 2 (commencing with Section 53630), in inverse floaters, range notes, mortgage-derived, or interest-only strips that are derived from a pool of mortgages. Nor shall the District invest in any security that could result in zero interest accrual if held to maturity.

K. Investment Pools

The Treasurer shall have a thorough understanding of the operational areas listed below for each pool and/or fund prior to investing, and on a continual basis.

- A description of eligible investment securities, and a written statement of investment policy and objectives.
- A description of interest calculations and how interest is distributed, and how gains and losses are treated.
- A description of how the securities are safeguarded (including the settlement processes), and how often the securities are priced and the program is audited.
- A description of who may invest in the program, how often, and the permissible size of deposit and withdrawal.
- A schedule for receiving statements and portfolio listings.
- Whether reserves, retained earnings, etc. are utilized by the pool/fund.
- A fee schedule, and when and how it is assessed.
- Whether the pool/fund is eligible for bond proceeds and/or whether it will accept such proceeds.

L. Safekeeping and Custody

To protect against fraud or embezzlement or losses caused by collapse of an individual securities dealer, all securities owned by the District shall be held in safekeeping by a third party custodian, acting as agent for the District under the terms of a custody agreement or TBMA agreement

executed by the Finance Manager/District Treasurer. All security transactions will settle delivery vs. payment (DVP) through the District's safekeeping agent. Securities purchased from brokers/dealers shall be held in third party safekeeping by the trust department of the District's main bank, or by another third party trustee designated by the Finance Manager/Treasurer..

M. Delivery

The purchase of an eligible security shall require delivery of the securities to the District, including those purchased for the District by financial advisors, consultants, or managers using the District's funds, by book entry, physical delivery, or by third party custodial agreement. The transfer of securities to the counter party bank's customer book entry account may be used for book entry delivery. A counter party bank's trust department or separate safekeeping department may be used for the physical delivery of the security if it is held in the District's name.

N. Maximum Maturity

Pursuant to Government Code Section 53601 where the Government Code does not specify a limitation on the maturity term of a security, the Treasurer is authorized, as part of the District's investment program set forth herein, to invest in individual instruments in the portfolio to a maximum maturity of ten (10) years. The maximum weighted average maturity of the portfolio shall not exceed five (5) years.

O. Internal Control

Separation of functions between the Finance Manager/District Treasurer and the Finance Supervisor is designed to provide an ongoing internal review to prevent the potential for converting assets or concealing transactions.

Existing procedures require all wire transfers to be approved by the Finance Manager/District Treasurer and Finance Supervisor. Proper documentation obtained from confirmation and cash disbursement wire transfers is required for each investment transaction. Timely bank reconciliation is conducted to ensure proper handling of all transactions.

The investment portfolio and all related transactions are reviewed and balanced to appropriate general ledger accounts by the Finance Manager/District Treasurer on a monthly basis.

All employees involved in the investment of District funds are properly bonded.

Confirmation letters are delivered to the financial institution with the details of the investment transaction. The letters are signed by the Finance Manager/District Treasurer with copies to the Finance Supervisor. In the absence of the Finance Manager/District Treasurer, the Finance Supervisor may sign the confirmation letter for investments previously authorized. The Finance Manager/District Treasurer will review the letter signed during his or her absence by the Finance Services Specialist.

District receives confirmations from the financial institutions. All investment confirmations received from financial institutions are reviewed for accuracy and filed with the District's letter of confirmation in the Finance Manager/District Treasurer's office.

The District investment accounting software package meets all legal reporting requirements. It has the capability of generating a variety of reports for monitoring and controlling investment activity. An independent confirmation by an external auditor is conducted annually to review internal control, account activity and compliance with policies and procedures.

P. Other Guidelines

1. **Liquidity:** Liquidity refers to the ability to convert investment holdings to cash immediately with minimal loss of principal or accrued interest. This quality is important when the need for unexpected funds suddenly occurs. The secondary duty of the Treasurer is to ensure that the liquidity needs of the District are met.
2. **Competitive Bids:** Purchase and sale of securities are made on the basis of competitive offers and bids.
3. **Selling Securities Prior to Maturity:** Generally, losses are acceptable on a sale before maturity if the earnings from the reinvested proceeds will exceed the income that would have been generated by the old investment considering any capital loss or foregone interest on the original investment.
4. **Sale of Investments Before Maturity:** Investments may be sold prior to maturity for cash flow or appreciation purposes; however, no investment shall be made solely for the purpose of trading.
5. **NCD Evaluation:** Negotiable Certificates of Deposit (NCD) are evaluated in terms of the credit worthiness of the issuer, as these deposits are unsecured, and uncollateralized promissory notes. See Appendix F of Treasury Management Procedures for NCD criteria.
6. **Time Deposit Placement:** Time deposits (insured and collateralized certificates of deposit) are not placed with banks, credit unions and/or associations unless an office is maintained in the State of California.
7. **TCD Evaluation:** Time Certificates of Deposit (TCD) are evaluated in terms of FDIC coverage. For deposits in excess of the insured maximum of \$100,000 approved levels of collateral at full market value are required, as prescribed in the California Government Code. See Appendix G of Treasury Management Procedures for TCD criteria.
8. **Security Marketability:** The marketability (salability) of a security is considered at the time of purchase, as the security may have to be sold prior to maturity in order to meet unanticipated cash demands.
9. **Cash Flow Requirements Used to Establish Maturity:** Projected cash flow requirements and the overall weighted average maturity of the District's investment portfolio are the primary factors to be used in determining investment maturity terms.

Q. Reporting

1. **Monthly Report:** Government Code Section 53067 requires the Finance Manager/District Treasurer to make a monthly report to the Board of Directors of transactions made pursuant to the Investment Policy.
2. **Monthly Report:** Water Code Section 24273 requires the Finance Manager/District Treasurer to file a report with the Secretary showing: Amount of money in District's treasury, audit of receipts and audit of items of expenditure.
3. **Quarterly Report:** Government Code Section 53646 requires the Finance Manager/District Treasurer to issue a quarterly report within 30 days following the end of the quarter, to the General Manager, and the Board of Directors, showing

the type of investment, issuer and/or institution, date of maturity, amount of investment, current market value for all securities, rate of interest, and other relevant data that may be required. The quarterly report shall state compliance of the investment portfolio with the Investment Policy and shall include a statement denoting the ability of the District to meet its pool expenditure requirements for the next six months. The Finance Manager/District Treasurer shall also submit the investment policy annually to the Board, disclose the source of market value information, confirm compliance with the guidelines or explain the differences, and affirm the agency's ability to meet its obligations over the next six months.

R. Investment Policy Adoption

The District's investment policy guidelines shall be adopted by resolution annually. However, changing economic conditions may make it advisable to review the guidelines during the year. Legislative changes affecting public agency investment practices may also need to be incorporated into the policy statement prior to year-end. It is anticipated that most changes will be processed at the end of the calendar year.

Glossary

Accrued Interest	Interest that has accumulated between the most recent payment and the sale of a bond or other fixed income security. At the time of sale, the buyer pays the seller the bond's price plus accrued interest.
Agencies	Securities issued by government-sponsored corporations or agencies of the U.S. Government such as the Federal Home Loan Banks, the Federal Farm Credit Banks Small Business Administration, Department of Housing and Urban Development.
Amortize	Accounting method whereby the cost of acquisition of an asset gradually is reduced to reflect the theoretical resale value of the asset.
Asked Price	The price at which securities are offered for sale. Also called the Ask Price, Asking Price, or Ask.
Bankers' Acceptance	A draft or bill or exchange accepted by a bank or trust company. It is the customary means of effecting payment for merchandise sold in import-export transactions and a source of financing used extensively in international trade.
Basis Point	.01% of yield (1/100 of 1%) on a fixed-income security.
Bear Market	Prolonged period of falling prices. A bear market in stocks is usually brought on by the anticipation of declining economic activity, and a bear market in bonds is caused by rising interest rates.
Bearish	Having the opinion that securities will fall in market value.
Bid	The price offered by a buyer of securities. (When you are selling securities, you ask for a bid.) See Offer.
Bond	Any interest-bearing or discounted government or corporate security that obligates the issuer to pay the bondholder a specified sum of money, usually at specific intervals, and to repay the principal amount of the loan at maturity.
Book Entry	Holders of the securities are recorded on the books of the Federal Reserve Bank of New York for the issuer. Interest and principal payments are sent to the investor when due. No physical certificates are issued or delivered to the investor. Bonds issued in book entry form are transferred via the Federal Reserve wire or book entry system to member financial institutions. Book entry securities are said to be wireable.
Book Value	Value at which an asset is carried on the balance sheet.
Broker	A person who acts as an intermediary between a buyer and seller.
Bull Market	Prolonged rise in the prices of stocks, bonds, or commodities. Bull markets usually last at least a few months and are characterized by high trading volume.
Bullish	The belief that prices will rise or will continue to rise.
Call	The action whereby a company elects to redeem a security prior to its maturity date.

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Callable Bond	Bond that may be called (redeemed) by the issuer on or after a specified date before maturity.
Certificate of Deposit (CD)	A time deposit with a specific maturity evidenced by a certificate.
Collateral	Securities, evidenced of deposit or other property which a borrower pledges to secure repayment of a loan. Also refers to securities pledged by a bank to secure deposits of public monies.
Commercial Paper	Short-term obligations with maturities ranging from 2 to 270 days issued by banks, corporations, and other borrowers to investors with temporarily idle cash. Such instruments are unsecured and usually discounted, although some are interest bearing.
Confirmation	Formal memorandum from a broker to a client giving details of a securities transaction.
Consumer Price Index (CPI)	Measure of change in consumer prices, as determined by a monthly survey of the U.S. Bureau of Labor Statistics.
Coupon	(a) The annual rate of interest that a bond's issuer promises to pay the bondholder on the bond's face value. (b) A certificate attached to a bond evidencing interest due on a payment date.
Current Yield	The annual interest received on a bond in relation to the amount paid for the bond expressed as a percentage.
Debenture	A bond secured only by the general credit of the issuer.
Delivery Versus Payment (DVP)	There are two methods of delivering securities: delivery versus payment (DVP) and delivery versus receipt. DVP is delivery of securities with an exchange of money for the securities. Delivery versus receipt is delivery of securities with an exchange of a signed receipt for the securities.
Depository Trust Company (DTC)	A central securities certificate depository, and member of the Federal Reserve System, through which members may arrange deliveries of securities between each other through computerized debit and credit entries without physical delivery of the certificates.
Derivatives	(1) Financial instruments whose return profile is linked to, or derived from, the movement of one or more underlying index or security, and may include a leveraging factor, or (2) financial contracts based upon notional amounts whose value is derived from an underlying index or security (interest rates, foreign exchange rates, equities or commodities).
Discount	The difference between the cost price of a security and its maturity amount when quoted at lower than face value. A security selling below original offering price shortly after sale also is considered to be at a discount.
Discount Rates	Interest rate that the Federal Reserve charges member banks for loans, using government securities or eligible paper as collateral.

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Discount Securities	Non-interest-bearing money market instruments that are issued at a discount and redeemed at maturity for full face value, e.g., U.S. Treasury Bills.
Diversification	Dividing investment funds among a variety of securities offering independent returns.
Face Value	Value of a bond stated on the bond certificate.
Fed Wire	Computerized network linking the Fed with its district banks, member banks, and primary dealers in government securities.
Federal Deposit Insurance Corporation (FDIC)	A federal agency that insures bank deposits, currently up to \$100,000 per deposit.
Federal Funds Rate	Interest rate charged by banks with excess reserves at a Federal Reserve district bank to banks needing overnight loans to meet reserve requirements.
Federal Home Loan Banks (FHLB)	Government sponsored wholesale banks (currently 12 regional banks) which lend funds and provide correspondent banking services to member commercial banks, thrift institutions, credit unions and insurance companies. The mission of the FHLBs is to liquefy the housing related assets of its members who must purchase stock in their district Bank.
Federal National Mortgage Association (FNMA)	FNMA, like GNMA, was chartered under the Federal National Mortgage Association Act in 1938. FNMA is a federal corporation working under the auspices of the Department of Housing and Urban Development (HUD). It is the largest single provider of residential mortgage funds in the United States. Fannie Mae, as the corporation is called, is a private stockholder-owned corporation. The corporation's purchases include a variety of adjustable mortgages and second loans, in addition to fixed-rate mortgages. FNMA's securities are also highly liquid and are widely accepted. FNMA assumes and guarantees that all security holders will receive timely payment of principal and interest.
Federal Open Market Committee (FOMC)	Consists of seven members of the Federal Reserve Board and five of the twelve Federal Reserve Bank Presidents. The President of the New York Federal Reserve Bank is a permanent member, while the other Presidents serve on a rotating basis. The Committee periodically meets to set Federal Reserve guidelines regarding purchases and sales of Government Securities in the open market as a means of influencing the volume of bank credit and money.
Federal Reserve System	The central bank of the United States created by Congress to regulate the U.S. monetary and banking system.
Flat	A bond that is sold without accrued interest.
Government National Mortgage Association (GNMA or Ginnie Mae)	A government-owned corporation, nicknamed Ginnie Mae, which is an agency of the U.S. Department of Housing and Urban Development. GNMA guarantees, with the full faith and credit of the U.S. Government, full and timely payment of all monthly principal and interest payments on the mortgage-backed pass-through securities of registered holders.

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Illiquid	Used when a security that does not enjoy an active secondary market; thus, the holder may find it difficult to sell the security and thereby go back to cash.
Know Your Customer	Industry obligation that requires a brokerage firm and its registered representatives to know the important facts about the customer with whom they do business.
Liquidity	A liquid asset is one that can be converted easily and rapidly into cash without a substantial loss of value. In the money market, a security is said to be liquid if the spread between bid and asked prices is narrow and reasonable size can be done at those quotes.
Local Government Investment Pool (LGIP)	The aggregate of all funds from political subdivisions that are placed in the custody of the State Treasurer for investment and reinvestment. In California it is called the Local Agency Investment Fund (LAIF).
Market Value	The price at which a security is trading and could presumably be purchased or sold.
Master Repurchase Agreement	A written contract covering all future transactions between the parties to repurchase -- reverse repurchase agreements that establishes each party's rights in the transactions. A master agreement will often specify, among other things, the right of the buyer-lender to liquidate the underlying securities in the event of default by the seller-borrower.
Maturity Date	The specified day on which the issuer of a debt security is obligated to repay the principal amount, or face value, of a security.
Money Market	The market in which short-term debt instruments (bills, commercial paper, bankers' acceptances, etc.) are issued and traded.
New Issue	Popular term for any new security offered for sale by the issuer.
Odd Lot	Transactions that are for less than the typical unit of trading.
Offer	The price asked by a seller of securities. (When you are buying securities, you ask for an offer.) See Asked and Bid.
Open Market Operations	Purchases and sales of government and certain other securities in the open market by the New York Federal Reserve Bank as directed by the FOMC in order to influence the volume of money and credit in the economy. Purchases inject reserves into the bank system and stimulate growth of money and credit; sales have the opposite effect. Open market operations are the Federal Reserve's most important and most flexible monetary policy tool.
Paper Loss	An unrealized loss on a security position. Paper losses become realized losses only if the security is sold.
Par	Any security whose market or offering price is the same as its face value at the time of redemption.
Portfolio	Collection of securities held by an investor.
Premium	The dollar amount by which the market price of a bond exceeds its par value.

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Primary Dealer	A group of government securities dealers who submit daily reports of market activity and positions and monthly financial statements to the Federal Reserve Bank of New York and are subject to its informal oversight. Primary dealers include Securities and Exchange Commission (SEC)-registered securities broker-dealers, banks, and a few unregulated firms.
Prime Rate	Interest rate banks charge to their most creditworthy customers.
Prudent Person Rule	An investment standard. In some states the law requires that a fiduciary, such as a trustee, may invest money only in a list of securities selected by the custody state -- the so-called legal list. In other states the trustee may invest in a security if it is one which would be bought by a prudent person of discretion and intelligence who is seeking a reasonable income and preservation of capital.
Quote	A statement of the highest bid and lowest offer for the security.
Rally	Industry term for a sharp rise in the price of the security.
Rate Of Return	The yield obtainable on a security based on its purchase price or its current market price.
Rating	Judgment of creditworthiness of an issuer made by an accepted rating service.
Registered Bond	A bond that is recorded in the name of the holder on the books of the issuer or the issuer's Registrar and can be transferred to another owner only when endorsed by the registered owner.
Repurchase Agreement (RP or Repo)	A holder of securities sells these securities to an investor with an agreement to repurchase them at a fixed price on a fixed date. The security "buyer" in effect lends the "seller" money for the period of the agreement, and the terms of the agreement are structured to compensate him for this.
Reverse Repurchase Agreements	Whereby dealers agree to buy the securities and the investor agrees to repurchase them at a later date.
Safekeeping	A service to customers rendered by banks for a fee whereby securities and valuables of all types and descriptions are held in the bank's vaults for protection.
Secondary Market	A market made for the purchase and sale of outstanding issues following the initial distribution.
Securities Lending Agreement	An agreement under which a local agency agrees to transfer securities to a borrower who, in turn, agrees to provide collateral to the local agency. During the term of the agreement, both the securities and the collateral are held by a third party. At the conclusion of the agreement, the securities are transferred back to the local agency in return for the collateral.
Settlement Date	The date on which a securities contract, by prearranged agreement, must be cleared or settled.

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Spread	The difference between yields on various fixed-income securities.
Subject	Term used of a quote made by a dealer, whether a bid or an offer or both, that must be reviewed before a final decision to buy or sell is made.
Swap	Industry jargon for the sale of one security and the purchase of another.
The Bond Marketing Association (TBMA)	A trade association representing banks, dealers, and brokers who underwrite and trade municipals, governments, and federal agency securities.
Treasury Bills	A non-interest-bearing discount security issued by the U.S. Treasury. Most bills are issued to mature in three months, six months, or one year, in minimum denominations of \$10,000.
Treasury Bonds	Long-term coupon-bearing U.S. Treasury securities issued as direct obligations of the U.S. Government and having initial maturities 10 years or longer issued in minimum denominations of \$1,000.
Treasury Notes	Intermediate securities with maturities of 1 to 10 years.
Yield	The rate of annual income return on an investment, expressed as a percentage. (a) INCOME YIELD is obtained by dividing the current dollar income by the current market price for the security. (b) NET YIELD or YIELD TO MATURITY is the current income yield minus any premium above par or plus any discount from par in purchase price, with the adjustment spread over the period from the date of purchase to the date of maturity of the bond.
Yield to Maturity	A measurement of the compound rate of return that an investor in a bond with a maturity of more than one year will receive if: (1) the investor holds the security to maturity and (2) reinvests all cash flows at the same market rate of interest.

Sources

1. *Dictionary of Finance and Investment Terms, Second Edition*, John Downes and Jordan Elliot Goodman.
2. *Debt Securities, A Handbook for State and Local Government Portfolio Managers*, Keith Williams.
3. Municipal Treasurers' Association of the United States and Canada, Investment Policy Guidelines.

June 20, 2018

TO: Chairperson and Directors of the Florin Resource Conservation District

FROM: Patrick Lee, Finance Manager/Treasurer

SUBJECT: **REVISED ELK GROVE WATER DISTRICT RESERVE AND CAPITAL INVESTMENT POLICY**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors adopt Resolution 06.20.18.04 approving a revised Elk Grove Water District Reserve and Capital Investment Policy.

SUMMARY

As part of reviewing and implementing strategies that will assist the Elk Grove Water District (EGWD) in achieving financial stability, Staff is recommending that the Board adopt the attached proposed Reserve and Capital Investment Policy which will assist in the funding of capital projects that are included in the Five-Year Capital Improvement Program (CIP). By this action, The Board will adopt a new reserve fund policy incorporating the funding for capital investments and increasing the Elections and Special Studies Reserve Fund from \$120,000 to \$150,000 annually.

DISCUSSION

Background

At the Board Meeting of August 22, 2012, The Board adopted Resolution No. 08.22.12.01 establishing the Elk Grove Water District Reserve and Capital Investment Policy. Staff has re-evaluated the Reserve and Capital Investment Policy noting that certain Reserve Funds will need to be increased to maintain financial stability.

Present Situation

Staff is presenting a revised Reserve and Capital Investment Policy to the Board for consideration. The current Reserve and Capital Investment Policy does not prescribe a sufficient level of funding for the Elections and Special Studies Reserve Fund to cover the costs of elections for the current and subsequent years. Staff is proposing the following structure for a revised reserve policy and financial targets for each fund:

- 1) Operating Reserves – 120 days of the Annual Operations and Maintenance Budget.
- 2) Capital Improvement Program Reserves – Annual CIP Budget.

AGENDA ITEM No. 10

REVISED ELK GROVE WATER DISTRICT RESERVE POLICY AND CAPITAL INVESTMENT POLICY

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- 3) Capital Replacement Program Reserves – Annual CRP Budget.
- 4) Elections and Special Studies Reserves – \$150,000 annually.
- 5) Future Years Capital Improvement Reserve Fund – 75% of the balance of the Unrestricted Reserve Funds not allocated to the Operating Reserve Fund, Capital Improvement Reserve Fund, Capital Replacement Reserve Fund and the Elections and Special Studies Reserve Fund upon the conclusion of the annual audit.
- 6) Future Years Capital Replacement Reserve Fund – 25% of the balance of the Unrestricted Reserve Funds not allocated to the Operating Reserve Fund, Capital Improvement Reserve Fund, Capital Replacement Reserve Fund and the Elections and Special Studies Reserve Fund upon the conclusion of the annual audit.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD's 2012-2017 Strategic Plan. Maintaining reliable financial resources to meet the ongoing needs of the District with the ability to withstand emergencies is an underlying goal in ensuring financial stability of the District.

FINANCIAL SUMMARY

There is no financial impact with this report.

Respectfully submitted,



PATRICK LEE
FINANCE MANAGER/TREASURER

Attachments

RESOLUTION NO. 06.20.18.04

**A RESOLUTION OF THE FLORIN RESOURCE
CONSERVATION DISTRICT BOARD OF DIRECTORS
APPROVING AN AMENDED ELK GROVE WATER DISTRICT
RESERVE AND CAPITAL INVESTMENT POLICY**

WHEREAS, the biennial election costs for the Board of Directors have continued to increase and have now exceeded the amount as prescribed in the current Reserves and Capital Investment Policy for the Elections and Special Studies Reserve Fund; and

WHEREAS, the Florin Resource Conservation District Board of Directors wishes to amend section 4.2 of the Reserves and Capital Investment Policy adopted on August 22, 2012 by Resolution 08.22.12.01; and

WHEREAS, the Board has received and considered the proposed Elk Grove Water District Reserve and Capital Investment Policy submitted by the Finance Manager/Treasurer on June 20, 2018.

NOW, THEREFORE, BE IT RESOLVED by the Florin Resource Conservation District Board of Directors that:

Section 1. Adopt the amended Elk Grove Water District Reserve and Capital Investment Policy attached hereto as Exhibit "A," and made a part hereof.

Section 2. Increasing the Elections and Special Studies Reserve Fund to \$150,000.00.

Section 3. The Secretary to the Board shall certify to the passage and adoption of this resolution and the same shall take effect and be in force upon its adoption.

PASSED AND ADOPTED by the Florin Resource Conservation District Board of Directors on this 20th day of June 2018 by the following vote:

**AYES:
NOES:
ABSENT:
ABSTAIN:**

Tom Nelson
Chairperson of the Board of Directors

ATTEST:

Stefani Phillips
Board Secretary

Attachment 1

Policy: Reserve and Capital Investment Policy	EXHIBIT A
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It is the policy of the District that all funds held in reserve be designated to specific uses. The District 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.

This is a financial policy guided by sound accounting principles. The policy establishes several reserve funds to minimize adverse annual budgetary impacts from anticipated and unanticipated District expenses.

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 District reserve fund categories are to be established:

1. Operating Reserve Fund
 - 1.1 Purpose: To ensure cash resources are available to fund daily administration, operations and customer services.
 - 1.2 Target Balance: 120 Days of the Annual Operations and Maintenance Budget
 - 1.3 Methodology/Rationale: The District should, in accordance with sound financial practices, have a minimum of 120 Days of operating reserves.
 - 1.4 Use of Funds: These funds will be used to pay for expenditures according to budget and expenditure authority. This fund will be accessed only upon the express pre-approval of the Board of Directors.
2. Capital Improvement Reserve Fund (Meter Retrofit Program, Supply/Distribution Improvements, Treatment Plant Improvements, Building Site Improvements and Other Improvements)
 - 2.1 Purpose: Funds are set aside for the new assets needed for the operations of the district that enhance or increase capacity.
 - 2.2 Target Balance: Annual Capital Improvement Program Budget

- 2.3 Methodology/Rationale: The District needs to invest in the infrastructure necessary to improve and enhance the source capacity and other attributes of the District's infrastructure
- 2.4 Use of Funds: The funds will be used build new infrastructure or enhance current infrastructure to increase the District's capacity.
- 3. Capital Replacement Reserve Fund (Supply/Distribution Improvements, Treatment Improvements, Building Site Improvements and Other Improvements.)
 - 3.1 Purpose: Funds are set aside for the future replacement of existing assets.
 - 3.2 Target Balance: Annual Capital Replacement Budget
 - 3.3 Methodology/Rationale: The District records depreciation using the straight-line method over the estimated useful lives of the assets. The funds are reserved to replace District assets as they reach the end of their useful life.
 - 3.4 Use of Funds: The funds will be used to replace assets (furniture, computers, equipments, etc.) as necessary to further the mission and efficiency of the organization.
- 4. Elections and Special Studies Reserve Fund
 - 4.1 Purpose: To provide funds for various special studies, as needs arise in the District such as election costs, Board expenses, etc.
 - 4.2 Target Balance: \$150,000
 - 4.3 Methodology/Rationale: The District will, from time to time, be required or requested to participate in activities, which it could not have foreseen and therefore could not have budgeted for specifically.
 - 4.4 Use of Funds: These funds will be used to cover the costs of elections and special studies as necessary to be completed by the District.
- 5. Future Years Capital Improvement Reserve Fund (Meter Retrofit Program, Supply/Distribution Improvements, Treatment Plant Improvements, Building Site Improvements and Other Improvements)
 - 5.1 Purpose: Funds are set aside for the new assets needed for the operations of the district that enhance or increase capacity.
 - 5.2 Target Balance: 75% of the balance of the Unrestricted Reserves Funds 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.
- 5.3 Methodology/Rationale: The District needs to invest in the infrastructure necessary to improve and enhance the source capacity and other attributes of the District's infrastructure
 - 5.4 Use of Funds: The funds will be used build new infrastructure or enhance current infrastructure to increase the District's capacity.
6. Future Years Capital Replacement Reserve Fund (Supply/Distribution Improvements, Treatment Improvements, Building Site Improvements and Other Improvements.)
 - 6.1 Purpose: Funds are set aside for the future replacement of existing assets.
 - 6.2 Target Balance: 25% of the balance of the Unrestricted Reserves Funds 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.
 - 6.3 Methodology/Rationale: The District records depreciation using the straight-line method over the estimated useful lives of the assets. The funds are reserved to replace District assets as they reach the end of their useful life.
 - 6.4 Use of Funds: The funds will be used to replace assets (furniture, computers, equipments, etc.) as necessary to further the mission and efficiency of the organization.

Guidelines

Staff shall perform a reserve analysis to be submitted to the Board of Directors as a part of the annual budget process.

June 20, 2018

TO: Chairperson and Directors of the Florin Resource Conservation District

FROM: Mark J. Madison, General Manager

SUBJECT: **SACRAMENTO CENTRAL GROUNDWATER AUTHORITY PROPOSED BUDGET UPDATE**

RECOMMENDATION

This item is presented to the Florin Resource Conservation District Board of Directors to consider and provide direction to the General Manager on a position relative to the Sacramento Central Groundwater Authority Proposed Fiscal Year 2018-19 Budget.

Summary

On June 13, 2018, the Sacramento Central Groundwater Authority (SCGA) convened its regularly scheduled board meeting. SCGA staff presented at the board meeting a proposed fiscal year 2018-19 budget of \$977,919, of which \$852,707 would be required from member contributions. The Florin Resource Conservation District/Elk Grove Water District (FRCD/EGWD) portion of the contributions would be \$45,460, which is up from \$34,325 this fiscal year. The Joint Powers Agreement of SCGA requires that eleven of the sixteen governing board members vote in the affirmative. Nine of the sixteen board members voted in the affirmative at the SCGA board meeting, and the proposed budget did not pass.

SCGA has set a special board meeting for June 27, 2018 to reconsider the proposed budget, and take a revote. The FRCD, through its representative on the SCGA board, is planning to participate in the special board meeting, and will act accordingly based on the direction received from the FRCD Board on this matter.

DISCUSSION

Background

SCGA staff each year prepares a fiscal year budget and presents the budget to the SCGA Board for approval. With the passage of the Sustainable Groundwater Management Act (SGMA), SCGA's budgets have increased considerably in recent years. In order to fund the higher budgets, SCGA in the past two years has restructured the funding methodology from what is established in the SCGA Joint Powers Agreement. Through its representation on the SCGA

SACRAMENTO CENTRAL GROUNDWATER AUTHORITY PROPOSED BUDGET UPDATE

Page 2

board, FRCD agreed to go along with the restructured funding method on an interim basis until a rate study could be completed and a new funding method established.

Present Situation

SCGA is now proposing to use the restructured funding method for a third year in its proposed FY 2018-19 budget. On May 14, 2018, the FRCD/Elk Grove Water District sent the attached letter to the Executive Director of SCGA outlining the reasons FRCD could not support SCGA's proposed fiscal year 2018-19 budget. The most notable reason for this position is that the restructured funding method does not comply with the SCGA Joint Powers Agreement. At the June 13, 2018 SCGA board meeting, FRCD voted against the SCGA's proposed fiscal year 2018-19 budget on this basis. Nine of the sixteen SCGA board members voted for the budget, however, eleven affirmative votes are required for the budget to pass. An SCGA special board meeting has been set for June 27, 2018 to reconsider the budget proposal, and retake the vote.

In preparation for the June 27, 2018 special board meeting, staff requests from the Board of Directors whether or not the Florin Resource Conservation District, which has representation as a governing board member of the Sacramento Central Groundwater Authority, should support the proposed fiscal year 2018-19 budget of the Sacramento Central Groundwater Authority.

ENVIRONMENTAL CONSIDERATIONS

There are no environmental considerations associated with this item.

STRATEGIC PLAN CONFORMITY

The direction requested in this staff report conforms with the core values of the Florin Resource Conservation District/Elk Grove Water District 2012-2017 Strategic Plan.

FINANCIAL SUMMARY

The financial impact of voting in the affirmative for the SCGA proposed fiscal year 2018-19 budget would be \$45,460.

June 20, 2018

SACRAMENTO CENTRAL GROUNDWATER AUTHORITY PROPOSED BUDGET UPDATE

Page 3

Respectfully submitted,



MARK J. MADISON
GENERAL MANAGER

MJM/bk



May 14, 2018

Darrell Eck
Executive Officer
Sacramento Central Groundwater Authority
827 7th St, Rm. 301
Sacramento, CA. 95814

**SACRAMENTO CENTRAL GROUNDWATER AUTHORITY FISCAL YEAR 2018/19
PROPOSED BUDGET CONTRIBUTIONS**

The Florin Resource Conservation District/Elk Grove Water District (FRCD/EGWD) has reviewed the Sacramento Central Groundwater Authority (SCGA) Budget Subcommittee's recommendation for fiscal year 2018/19. The Budget Subcommittee's recommendation includes continuing the annual contributions of \$20,000 for signatories to the SCGA joint powers agreement, and \$10,000 for all other SCGA members. The recommendation also proposes that members serving water to customers contribute an additional \$1.21 per water service connection. Finally, the recommendation proposes that members who pump groundwater contribute a groundwater usage contribution at a rate of \$5.55 per acre-feet of annual groundwater pumped, averaged over the last three years.

FRCD/EGWD has concerns about the Budget Subcommittee's recommendations on the grounds that it does not comply with the terms of the joint powers agreement. The joint powers agreement, in its current form, allows for the funding contributions to be changed from their initial levels providing that eleven of the sixteen members vote in the affirmative for the change. However, the method by which each member's contributions are calculated must still follow the structure specified in the joint powers agreement.

Specifically, the Budget Subcommittee's recommendations include an annual contribution of \$20,000 from signatories to the SCGA joint powers agreement, and \$10,000 from all other SCGA water agency members. However, section 8(d)(ii) of the joint powers agreement requires annual contributions only of non-signatory members who purvey surface water, not groundwater. All other non-signatory members are not required to pay an annual contribution.

May 14, 2018
Darrell Eck

SACRAMENTO CENTRAL GROUNDWATER AUTHORITY FISCAL YEAR 2018/19 PROPOSED BUDGET CONTRIBUTIONS

Page 2

Relative to the FRCD/EGWD's annual contribution, we agree to a \$10,000 contribution on the basis that, although EGWD does not directly purvey surface water, EGWD indirectly purveys surface water as some of the water provided to its customers originates from the Sacramento County Water Agency's Vineyard/Freeport Surface Supply Project. It should be noted that to codify this contribution, as well as any other contribution changes from other agency members, the SCGA should adopt a new resolution reflecting the changes when the FY 2018/19 budget is adopted by the SCGA Board.

Relative to the contributions associated with retail water connections, the current joint powers agreement does not have a contribution component associated with the number of water service connections served by a member agency. The Budget Subcommittee's recommendation to include a connection contribution in the amount of \$1.21 per water service connection is not consistent with the contribution structure specified in the terms of the joint powers agreement.

As such, it is the opinion of the FRCD/EGWD that this component requires an amendment to the joint powers agreement and, absent such an amendment, FRCD/EGWD will not pay the retail connection contribution amount of \$12,522 as recommended by the SCGA Budget Subcommittee.

Relative to groundwater pumping, section 8(d)(iii) of the current joint powers agreement excludes the first five thousand (5,000) acre-feet of groundwater pumped each year by members. The Budget Subcommittee's recommendation does away with this exclusion and this is also not consistent with the contribution structure specified in the terms of the joint powers agreement. It is the opinion of the FRCD/EGWD that such an exclusion requires an amendment to the joint powers agreement. Absent such an amendment and considering the fact that the EGWD pumps less than 5,000 acre-feet of groundwater, FRCD/EGWD will not pay the groundwater pumping contribution of \$24,211 as recommended by the SCGA Budget Subcommittee.

Lastly, it remains the opinion of the FRCD/EGWD that the EGWD ratepayers are being double charged for contributions because Sacramento County is assessing EGWD customers a Zone 13 fee for this same purpose. If we are incorrect in this determination, then we request a legal opinion from the SCGA legal counsel in this regard. Absent this opinion, or absent the SCWA applying a credit to the EGWD ratepayers on their tax assessments, the FRCD/EGWD will deduct this double charge from its member contribution and that deduction has been calculated to be approximately \$1,500.

We acknowledge that the funding structure recommended by the Budget Subcommittee is consistent with what SCGA has used for its budgets the past two years. We also

May 14, 2018
Darrell Eck

**SACRAMENTO CENTRAL GROUNDWATER AUTHORITY FISCAL YEAR 2018/19
PROPOSED BUDGET CONTRIBUTIONS**

Page 3

acknowledged that the FRCD/EGWD has supported these last two budgets, albeit our support was on the grounds that the approach was only to be used as an interim measure to fund a heavy volume of workload related to meeting critical deadlines associated with the Sustainable Management Groundwater Act (SGMA).

From the beginning, the FRCD/EGWD made it clear that it would only support an interim funding structure for a short period of time. Last year, if you recall when the SCGA FY 2017/18 budget was adopted, I expressed that the FRCD/EGWD would not likely support this interim rate structure for a third year.

There are three basic problems with the interim rate structure. First, it is inequitable. The basis by which parties are charged is not well established and, in our opinion, some parties are paying too much while others are not paying their fair share.

Second, there is escapement. There are several water agencies within the SCGA service area that are not members of SCGA and do not make any contributions to SCGA. These water agencies, however, do rely on groundwater and will ultimately benefit from SCGA's efforts.

Third, and for the reasons prescribed above, this interim rate structure continues to include components that do not comply with the SCGA Joint Powers Agreement.

For these reasons, the FRCD/EGWD cannot support the Budget Subcommittee's recommendation for fiscal 2018/19 budget contributions. FRCD/EGWD requests that the SCGA Board of Directors begin the process of amending the joint powers agreement in concert with the work that the rate study consultant is doing so that the funding contributions of SCGA's members are made equitable.

It is unfortunate that SCGA has been tardy in developing a new rate structure that is equitable, defensible, and that creates a reliable revenue stream for the SCGA to properly implement the requirements of the Sustainable Groundwater Management Act. Hopefully, SCGA can complete this study soon and implement a new rate structure that allows this to happen.



MARK J. MADISON
GENERAL MANAGER

MJM/bk

Cc: Forest Williams, Chair, Sacramento Central Groundwater Authority

June 20, 2018

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

RECOMMENDATION

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

SUMMARY

The water conservation bills AB 1668 (Friedman) and SB 606 (Hertzberg) were signed into law May 31, 2018. Although the Regional Water Authority's (RWA) and the Association of California Water Agency's (ACWA) position was oppose unless amended, several key amendments were made late in the process that both agencies consider as a major improvement from the initial draft legislation. Proposition 68 was approved by voters, it will provide 1.6 billion for water-related projects. The proposed "water tax," language based on SB 623 (Monning) that was included in the state's draft budget as a trailer bill was terminated in budget negotiations. Other bills discussed include SB 998 (Dodd) which outlines a regulatory process for water shut-offs and AB 3206 (Friedman) which proposes regulations regarding meter accuracy testing by water agencies.

DISCUSSION

Background

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

Present Situation

The water conservation bills AB 1668 (Friedman) and SB 606 (Hertzberg) were signed into law May 31, 2018. These bills require the California State Water Resources Control Board (water board) to adopt water-use efficiency regulations, outline reporting requirements for urban water suppliers, and specify violations and penalties. SB 606 (Hertzberg) contains distinct provisions on water shortage contingency planning and water loss reporting. Although RWA and ACWA both held the position of oppose unless amended, several key amendments were made late in the process that they consider a

LEGISLATIVE UPDATE

Page 2

major improvement from the initial draft legislation. Key amendments include a limited authority for the State Water Resources Control Board (water board) to set and update efficiency standards from permanent authority to a one-time standard setting process. Another key provision clearly states that water supplies identified by water agencies as available in their drought contingency plans should not be artificially constrained during drought emergencies.

These bills are considered an improvement over SBx 7-7, The Water Conservation Act of 2009 and the regulations imposed during the most recent drought emergency which mandated a one-size fits all approach to water use reduction throughout the state based on a percentage reduction. This approach was considered flawed because it ignored regional differences in supply, climate and geography.

Staff will continue to be involved in the stakeholder process as the regulatory requirements are being developed for the new long-term water conservation bills. Outreach will be conducted to clarify information reported by the media which prompted several phone calls to the Elk Grove Water District by confused customers regarding bill language that outlines the 55 gallons per person per day target. These bills do NOT establish any restrictions for individual water customers, but rather they specify requirements for water agencies to develop agency-wide water budgets to meet conservation targets.

Proposition 68, The California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Act was approved by voters. Proposition 68 authorized \$4 billion in general obligation bonds for state and local parks, environmental protection and restoration projects, water infrastructure projects, and flood protection projects. This includes an allocation of 1.6 billion for water-related projects including funding to provide safe drinking water to disadvantaged communities, improve water supply reliability, help implement the Sustainable Groundwater Management Act and restore critical watersheds. Proposition 68 was strongly supported by ACWA.

The proposed “water tax” budget trailer bill which was based on SB 623 (Monning) did not make it into the approved conference budget compromise package on safe drinking water funding. Senator Monning may try to advance SB 623, but the final outcome may not be determined until late August. This bill could be difficult to move forward because of the public backlash from the recent passage of the “gas tax.” Legislators seem weary of supporting anything that is perceived as a tax, especially in an election year.

SB 998 (Dodd), amended on May 7, 2018 would replace current shut-off processes developed by water agencies based on individual agency needs. The proposed process

LEGISLATIVE UPDATE

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is very prescriptive and includes provisions that prevent discontinuation of service for at least 60 days and a cap on reconnection fees that may potentially trigger Proposition 218 requirements. In addition, it would expand enforcement authority to the water board and Attorney General. The bill has moved from the Senate to the Assembly. ACWA is opposed to SB 998 (Dodd) and RWA's position is oppose unless amended.

AB 3206 (Friedman) would require the State Energy Resources Conservation Commission to adopt regulations setting standards for the accuracy of water meters purchased on or before January 1, 2020. This bill is widely viewed by water agencies as unnecessary as most agencies already test for meter accuracy based on the guidelines put forth by the American Water Works Association. Water agencies are incentivized financially to have accurate meters because inaccurate meters generally under register water use. RWA's position is oppose unless amended.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

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

FINANCIAL SUMMARY

There is no direct financial impact associated with this report.

Respectfully submitted,



SARAH JONES
PROGRAM MANAGER