

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

Wednesday, June 24, 2015

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

Recognition of Aaron Hewitt for five years of service

Associate Director Comment

Public Comment

2. Consent Calendar (Stefani Phillips, Board Secretary and Jim Malberg, Treasurer)

- a. Minutes of Regular Board Meeting of May 27, 2015
- b. FRCD Cash Flow Worksheet – May, 2015
- c. Warrants Paid – May, 2015
- d. Active Accounts – May, 2015
- e. Bond Covenant Status for FY 2014-15 – May, 2015
- f. Revenues and Expenses – Actual vs Budget FY 2014-15 – May, 2015
- g. Cash Accounts – May, 2015
- h. Consultants Expenses – May, 2015

Associate Director Comment

Public Comment

Recommended Action: Approve FRCD Consent Calendar

3. Committee Meetings (Stefani Phillips, Board Secretary)

- a. Conservation Committee Meeting – March 4, 2015
- b. Conservation Committee Meeting – March 17, 2015
- c. Finance Committee Meeting – May 13, 2015
- d. Infrastructure Committee Meeting – May 13, 2015
- e. Conservation Committee Meeting – May 27, 2015

Associate Director Comment

Public Comment

Recommended Action: Approve Committee Meeting Minutes

4. Florin Resource Conservation District Conservation Activities

(Ellen Carlson, Management Analyst)

Associate Director Comment

Public Comment

5. Elk Grove Water District Conservation Activities (Ellen Carlson, Management Analyst)

Associate Director Comment

Public Comment

6. Appointment of Associate Directors to the Florin Resource Conservation District (Stefani Phillips, Secretary)

Associate Director Comment

Public Comment

Recommended Action: Consider the re-appointment of Associate Directors Mike Schmitz and Davies Ononiwu to the Florin Resource Conservation District Board of Directors

7. Operations Report – May 2015 (Mark J. Madison, PE, General Manager)

Associate Director Comment

Public Comment

8. Nomination of Florin Resource Conservation District/Elk Grove Water District Representatives for Appointment to the Sacramento Central Groundwater Authority Board of Directors (Mark J. Madison, PE, General Manager)

Associate Director Comment

Public Comment

Recommended Action: Approve a motion nominating two Directors of the Florin Resource Conservation District/Elk Grove Water District Board of Directors, for appointment to the Sacramento Central Groundwater Authority Board of Directors as the primary representative of the Florin Resource Conservation District/Elk Grove Water District

9. Truck Purchase for Replacement of Truck #107

(Mark J. Madison, PE, General Manager)

Associate Director Comment

Public Comment

Recommended Action: Approve a motion authorizing the General Manager to execute a purchase order, in the amount \$56,984 (plus tax and license), with Elk Grove Ford to purchase a 1-ton truck to replace Truck #107, and appropriate \$30,000 of unused capital improvement funds from the Water Meter Replacement Program toward the truck purchase

10. Enforcement Procedure for Violations of the Water Shortage Contingency Plan (Mark J. Madison, PE, General Manager)

Associate Director Comment

Public Comment

Recommended Action: Adopt Ordinance No. 06.24.15.01 adopting an enforcement procedure for violations of the Water Shortage Contingency Plan

11. Florin Resource Conservation District Fiscal Year 2015-16 Budget

(Jim Malberg, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution No. 06.24.15.01 approving the Florin Resource Conservation District Fiscal Year 2015-16 Budget

12. Economic Development Corporation Fiscal Year 2015-16 Budget

(Jim Malberg, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution No. 06.24.15.02 approving the proposed Economic Development Corporation Fiscal Year 2015-16 Budget

13. Elk Grove Water District Fiscal Year 2016-20 Capital Improvement Program
(Bruce Kamilos, Associate Civil Engineer)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution 06.24.15.03 adopting the Elk Grove Water District Fiscal Year 2016-20 Capital Improvement Program and approving an appropriation of \$2,325,000 from designated reserve funds to the Fiscal Year 2015-16 Capital Improvement Program budget

14. Elk Grove Water District Fiscal Year 2015-16 Operating Budget
(Jim Malberg, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution No. 06.24.15.04 approving the Elk Grove Water District Fiscal Year 2015-16 Operating Budget

15. Investment Policy Guidelines Fiscal Year 2015-16
(Jim Malberg, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

Recommended Action: Adopt Resolution No. 06.24.15.05 adopting the Fiscal Year 2015-16 Investment Policy Guidelines of the Florin Resource Conservation District

16. Legislative Update (Ellen Carlson, Management Analyst)

Associate Director Comment

Public Comment

17. Directors Comments and Information

Adjourn to Regular Meeting – July 29, 2015.

June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District
FROM: Stefani Phillips, Secretary and Jim Malberg, Treasurer
SUBJECT: **CONSENT CALENDAR**

RECOMMENDATION

It is recommended that the Board of Directors of the Florin Resource Conservation District approve the FRCD Consent Calendar.

Summary

By this action, the Board will approve the FRCD Consent Calendar items a-h.

DISCUSSION

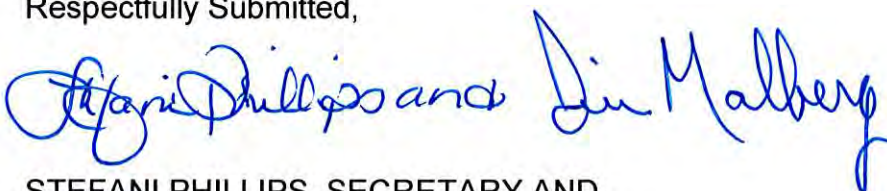
Background

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

FINANCIAL SUMMARY

N/A

Respectfully Submitted,



STEFANI PHILLIPS, SECRETARY AND
JIM MALBERG, TREASURER

SP

Attachments

MINUTES OF THE REGULAR MEETING OF THE FRCD BOARD

Wednesday, May 27, 2015

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

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

Directors Present: Chuck Dawson, Bob Gray, Elliot Mulberg, Tom Nelson, and Jeanne Sabin
Directors Absent: None
Staff Present: Mark J. Madison, General Manager; Jim Malberg, Finance Manager; Donella Murrillo, Finance Supervisor; Stefani Phillips, Secretary; Bruce Kamilos, Associate Civil Engineer; Ellen Carlson, Management
Associate Directors Present: Mike Schmitz
Consultants Present: Ann Siprelle, Best Best & Krieger (BB&K)

Public Comment

No comments were made.

1. Proclamations and Announcements

This item was pulled.

2. Consent Calendar

- a. Minutes of the Regular Board Meeting of April 22, 2015
- b. Minutes of Special Meeting of May 13, 2015
- c. Minutes of the Infrastructure Committee Meetings February 18 and April 23, 2015
- d. FRCD Cash Flow Worksheet – April, 2015
- e. Warrants Paid – April, 2015
- f. Active Accounts – April, 2015
- g. Bond Covenant Status for FY 2014-15 – April, 2015
- h. Revenues and Expenses – Actual vs Budget FY 2014-15 – April, 2015
- i. Cash Accounts – April, 2015
- j. Consultants Expenses – April, 2015

Director Bob Gray pulled items e and h.

MSC (Mulberg/Nelson) to approve Consent Calendar items a-d, f-g, and i-j 5/0: Ayes: Dawson, Gray, Mulberg, Nelson, and Sabin.

Mr. Gray inquired on a number of different warrants that were paid in the month of April (item e). He then proceeded to tell District staff that he found a footnote that was left on the Revenue and Expenses – Actual vs Budget FY 2014-15 page from March (footnote (3)).

MSC (Nelson/Gray) to approve Consent Calendar items e and h 5/0: Ayes: Dawson, Gray, Mulberg, Nelson, and Sabin.

3. Conservation Activities

Ellen Carlson, Management Analyst, presented the Conservation Activities to the Board of Directors. In summary, a number of different events were held for the month which included the Stone Lakes Natural Wildlife Refuge Annual Nature Bowl where staff judged the Nature Relay. The EGWD hosted a booth at the Western Festival. The District had a display illustrating the average indoor and outdoor daily use of water, the rubber duck race, and

had the opportunity to talk to EGWD customers and provide the customers with drought information. The annual Walk on the Wildside at Sacramento Regional County Sanitation District Bufferlands. Director Jeanne Sabin participated at the Walk on the Wildside and was caught holding a Grayhorned Owl.

Director Elliot Mulberg thanked the FRCD for supporting the Elk Grove Western Festival. Mark J. Madison also thanked staff for their participation at the Elk Grove Western Festival.

4. Operations Report – March 2015

Mark J. Madison, General Manager, presented the highlights of the Operations Report – March, 2015:

- Door Hangers and Shut-offs are down for the month – looking for a pattern to get ideas to help customers pay their bills
- Customer Complaints
 - 1 pressure complaint – measurements were taken from inside and outside the house and it measured 78 psi.
- Distribution Work Orders
 - 59 Hydrant Maintenance
 - 143 Valve Exercising – new metric is 106 and will be reaching that number going forward
- Utility Work Orders
 - 36 Service Line Replacements – good progress
- Well Production
 - No relative change from the past month in production from the wells – wells are running smooth
- Combined Total Production - production is up a little from the previous month
- Total Demand/Production – production is up a little from the previous month
- Static and Pumping levels have dropped compared to 2nd quarter of 2014 (8-10 ft.)
- Sampling – re-sampled for UCMR 3 as the lab had problems – the lab paid for the re-samples
- Very little discharge –all was good
- All preventative maintenance activities were performed on time and per the standard operating procedure (SOP)
- Backflow Prevention Program has had a significant decline and is now down to 9 outstanding delinquents
- Safety Meeting were fine
- 2 Service Line Leaks due to pinholes
- Pressure
 - Service Area 2 – pressure has dropped
 - Service Area 1 – no complaints on pressure reduction

Director Tom Nelson made a comment to include the service area number to the Combined Total Production chart.

5. Draft Fiscal Year 2015-16 Elk Grove Water District Operating Budget

Jim Malberg, Finance Manager/Treasurer, presented the Draft Fiscal Year 2015-16 Elk Grove Water District Operating Budget to the Board of Directors. Mr. Malberg distributed a revised Budgeted Revenues and Expenditure by Category page (14) due to purchased water missing from the draft document.

Some key points include:

- The COLA has been set at 0.60% to reflect the April to April average of the All Cities CPI-W, the Western CIP-W, and the San Francisco/Oakland/San Jose CPI-W numbers recently issued by the United States Bureau of Labor Statistics.
- Purchased Water has been separated from Office and Operational and is now shown as its own category.
- General district wide activities, such as revenue and debt service, are now shown as "Admin" and are no longer included in the Finance department.
- SDRMA quotes came in higher than estimated and staff is looking into this which might increase Workman's Comp and General Liability.

Mark J. Madison, General Manager, stated the budget is not balanced due to conservation reductions but is stable because of the rate structure that was adopted by the board.

Director Elliot Mulberg inquired if the money would be taken out of the reserves to balance it out. Mr. Madison responded, yes but it would reduce reserves. Mr. Malberg suggested taking surplus revenue and use it to balance out the budget this year. A brief discussion occurred.

Mr. Mulberg inquired about the number range for the COLA. Mr. Malberg responded the number range was from -0.8% to 2.0% and the average of the indexes equals 0.6%.

- U.S. City Average: -0.8
- West Urban (Cities population 50,000-1,500,000): 0.6
- San Francisco-Oakland-San Jose, CA: 2.0

Mr. Mulberg inquired if the Bond Covenant No. 1 would no longer be needed because of the refinancing the district is doing. Mr. Malberg responded stating the District maintained adequate reserves for a three (3) year period and Bond Covenant No. 1 and the Rate Stabilization fund was no longer required.

Mr. Mulberg commented that the way FY 14-15 is written on the bar charts should reflect FY14-15 Budget vs. FY 14-15 Actual. Staff will be correcting this error and it will be reflected in the next review of the budget document.

Mr. Mulberg suggested adding labels to the pie charts according to the legend. Mr. Gray commented that he is color blind and the legends are of no value to him.

Mr. Madison recommended to bring back the polished budget document at the next regular board meeting on June 24, 2015 vs. having a third Finance Committee Meeting. The Board of Directors agreed to the approach Mr. Madison suggested.

6. Legislative Update

Ellen Carlson, Management Analyst, presented the Legislative Update to the Board of Directors. In summary, the majority of the bills are sitting in appropriations and are waiting for the budgets to pass. The budget deadline is June 15th. The Governor has released his amendments to the budget and his request for Emergency Drought Responses. Ms. Carlson provided copies of the Emergency Drought Response to the Board of Directors. There are some grant opportunities if the amendments are accepted.

Highlights for the Legislative Update include:

- AB 78 – Ms. Carlson is keeping her eye on this bill due to the non-substantive changes to the new groundwater basin law

- AB 153 – Ms. Carlson is keeping her eye on this bill due to non-substantive change

Director Elliot Mulberg suggested separating the bills by Districts, which means including the RCD Legislation into this update. General Manager, Mark. J. Madison, stated that he didn't mind this addition, but the time spent on this would be charged to the FRCD. A brief discussion about how to handle the work followed.

7. Committee Meeting

Mark J. Madison, General Manager, spoke regarding the following committee meetings:

- Infrastructure Committee Meeting – May 13, 2015
- Finance Committee Meeting – May 13, 2015

Director Tom Nelson expressed concern on how long the committee meeting minutes approval process is. Director Elliot Mulberg suggested that the approval of the committee meeting minutes be handled during the same month's regular board meeting, in order to give the particular committee an opportunity to review the minutes and clarify any questions the board may have before approving the minutes. Discussion followed.

The FRCD Board of Directors determined that the committee minutes will be brought to the FRCD Regular Board Meeting and placed under agenda item Committee Meetings. The agenda item Committee Meetings, will be placed after Consent Calendar. This item may be moved within the agenda, if necessary, by direction from Chairman Chuck Dawson.

8. Directors Comments and Information

Director Tom Nelson made a comment on what was happening at the El Dorado Water District. He provided detail regarding the El Dorado Water District, who has a contract to take out water of the American River, and if the District does not take the water they would lose it. Mr. Nelson proceeded to say that the El Dorado Water District is going to be selling the excess water to generate money and they are asking their customers to cut back on the water usage by 28-32%.

Chairman Chuck Dawson suggested having two (2) separate water conservation reports, one for the Florin Resource Conservation District and one for the Elk Grove Water District. The Board agreed this was a good idea. Director Tom Nelson suggested having a report that shows the Board of Directors what has been reported to the state. Mr. Nelson would like to see what the District is doing to achieve reduction in usage (i.e. public outreach, reportable requirements, enforcement, etc.). Mr. Dawson suggested soliciting ideas from the customers. Associate Mike Schmitz commented having a customer suggestion area on the District's website. Mr. Madison provided a summary to the Board on a public outreach meeting, asking customers for their e-mail address to disseminate information and keep the customers informed.

Mr. Madison stated ACWA will be holding a seminar on drought related information on June 15, 2015, in Placerville, CA. He stated he will be attending and asked if any of the Board members would like to attend.

Director Bob Gray suggested updating the wording on the District's website bill section to state "view" or "pay bill". Staff will be looking into this.

Mr. Gray notified staff of an elementary school in Galt that is having to turn off their water due to high arsenic levels. Mr. Madison will research what happened and determine if this affects our district.

Adjourn to Regular Meeting on Wednesday, June 24, 2015 at 6:30 p.m.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Secretary

SP/CR



**FRC D Cash Flow
For the Month Ended May 31, 2015**

Cash in Bank – Beginning	\$ 124,426.52
Receipts:	
Interest Earned	\$ 8.79
Disbursements:	
Check # 1013- Sloughouse Tri-RCD Party	-\$ 125.00
Cash in Bank – Ending	\$ 129,310.31

Check History Report

5/1/2015 to 5/31/2015
Elk Grove Water District

Check Number	Check Date	Vendor Number	Vendor Name	Check	Explanation
038570	5/7/2015	JAN PRO	JAN-PRO CLEANING SYSTEMS	515.00	Janitorial-ADMIN/MOC
038571	5/7/2015	OCT	OCT WATER QUALITY ACADEMY	300.00	Cert Renewal
038572	5/7/2015	REPUBLI	REPUBLIC SERVICES #922	782.37	
038573	5/7/2015	SIERRA	SIERRA OFFICE SUPPLIES	519.96	
038574	5/7/2015	T FRANK	TRAVIS FRANKLIN	247.32	Travel Reimbursement
038575	5/7/2015	TOSHIBA	TOSHIBA FINANCIAL SERVICES	528.93	Copier-ADMIN
038576	5/7/2015	VALL MO	VALLEY MOTOR PARTS	21.98	
038593	5/15/2015	A. TEIC	A. TEICHERT & SON, INC	416.32	Materials & Supplies- Distribution/ Utilitv Crew
038594	5/15/2015	ACWAJPI	CB&T/ ACWA-JPIA	49,701.06	
038595	5/15/2015	B WAGNE	BRANDON WAGNER	124.16	Clothing Reimbursement
038596	5/15/2015	BG SOLU	SOLUTIONS BY BG INC.	4,659.47	Daily Tasks/Help Tickets
038597	5/15/2015	BRINKS	BRINK'S INCORPORATED	265.59	Sampling-Treatment
038598	5/15/2015	BSK4	BSK ASSOCIATES	543.00	
038599	5/15/2015	CITY EG	CITY OF ELK GROVE	77.85	
038600	5/15/2015	CONSOLI	CONSOLIDATED COMMUNICATIONS	240.08	Ethernet Service
038601	5/15/2015	CONSOLI	CONSOLIDATED COMMUNICATIONS	1,222.64	Phones-MOC/ADMIN
038602	5/15/2015	EFFECT	EFFECTIVE PHONE SOLUTIONS INC.	1,120.22	Disaster Recovery
038603	5/15/2015	GOLDEN	GOLDEN STATE FLOW MEASUREMENT	973.51	Repairs and Auto Gun
038604	5/15/2015	HPS	HYDRAULIC POWER SALES INC.	45.38	
038605	5/15/2015	IRS SAC	INTERNAL REVENUE SERVICE	2,008.30	Confidential
038606	5/15/2015	MAITA	MAITA CHEVROLET	507.60	Repairs & Maintenance
038607	5/15/2015	MONTIEL	MICHAEL MONTIEL	200.20	Clothing Reimbursement
038608	5/15/2015	PACE	PACE SUPPLY CORP	91.31	
038609	5/15/2015	PHENIX2	PHENIX	5,047.92	Stage 2 Notices
038610	5/15/2015	RADIAL	RADIAL TIRE OF ELK GROVE	278.29	Repairs & Maintenance
038611	5/15/2015	SIERRA	SIERRA OFFICE SUPPLIES	478.59	
038612	5/15/2015	ULTRA	ULTRA TRUCK WORKS, INC	98.17	
038613	5/15/2015	VALL MO	VALLEY MOTOR PARTS	61.53	
038614	5/15/2015	VERIZON	VERIZON WIRELESS	691.69	Aircards-Laptops
038615	5/21/2015	HEWITT	Aaron Hewitt	500.00	Clothing Reimbursement
038616	5/21/2015	J MELLO	JUSTIN MELLO	51.52	Travel Reimbursement
038617	5/21/2015	MENDOZA	SALVADOR MENDOZA	51.95	Travel Reimbursement
038618	5/27/2015	BG SOLU	SOLUTIONS BY BG INC.	3,993.84	VOID
038618	5/27/2015	BG SOLU	SOLUTIONS BY BG INC.	3,993.84	VOID
038619	5/27/2015	BSK4	BSK ASSOCIATES	115.00	Sampling-Treatment
038620	5/27/2015	CIVIL	CIVIL ENGINEERING CONST	132,810.00	RR Corridor Water Line
038621	5/27/2015	DITCH	DITCH WITCH EQUIPMENT CO., INC	61.75	

038622	5/27/2015	EGPOWER	ELK GROVE POWER EQUIPMENT	368.19	
038623	5/27/2015	FASTENA	FASTENAL COMPANY	14.33	
038624	5/27/2015	FREDER	DAVID FREDERICK	46.34	Travel Reimbursement
038625	5/27/2015	FRONT C	FRONTIER COMMUNICATIONS	217.80	Well site communications
038626	5/27/2015	FRONT C	FRONTIER COMMUNICATIONS	167.21	Well site communications
038627	5/27/2015	FRONT C	FRONTIER COMMUNICATIONS	172.59	Well site communications
038628	5/27/2015	GOLDEN	GOLDEN STATE FLOW MEASUREMENT	4,156.33	Materials-Distribution
038629	5/27/2015	HANFORD	HANFORD READY MIX INC.	309.57	
038630	5/27/2015	HEROLD	HEROLD & MIELENZ INC.	1,551.87	Repairs & Maintenance-20 HP Baldor Motor RRWTP
038631	5/27/2015	INSTRUM	INSTRUMENT TECHNOLOGY CORP.	3,321.84	Equipment- VM 810 Pipe Locator
038632	5/27/2015	JAYS	JAY'S TRUCKING SERVICE	1,849.51	Materials & Supplies- Distribution/ Utility Crew
038633	5/27/2015	PACE	PACE SUPPLY CORP	8,670.41	Materials-Distribution/Hydrants
038634	5/27/2015	PAULA M	PAULA MAITA & COMPANY	286.44	
038635	5/27/2015	PEST	PEST CONTROL CENTER INC	80.00	
038636	5/27/2015	PG&E	PACIFIC GAS & ELECTRIC COMPANY	19.84	
038637	5/27/2015	PURCH	PURCHASE POWER	520.99	
038638	5/27/2015	RADIAL	RADIAL TIRE OF ELK GROVE	46.80	Postage Machine-ADMIN
038639	5/27/2015	SHAW	STEVE SHAW	86.16	
038640	5/27/2015	SIERRA C	SIERRA CHEMICAL COMPANY	819.93	Clothing Reimbursement
038641	5/27/2015	SIERRA	SIERRA OFFICE SUPPLIES	12.96	Supplies-Treatment
038642	5/27/2015	SWRCB3	SWRCB	300.00	Cert Renewal
038643	5/27/2015	UNITED	UNITED SITE SERVICES	234.91	
038644	5/27/2015	ZOOM	ZOOM IMAGING SOLUTIONS, INC	214.67	Daily Tasks/Help Tickets
038645	5/30/2015	BG SOLU	SOLUTIONS BY BG INC.	3,993.84	
038646	5/31/2015	ATT&T	AT&T MOBILITY	294.96	
038647	5/31/2015	BAY 2	BAY ALARM COMPANY	10,431.38	New Alarm Setup-MOC/ADMIN
038648	5/31/2015	BSK4	BSK ASSOCIATES	828.00	Sampling-Treatment
038649	5/31/2015	COUNTY4	SACRAMENTO COUNTY UTILITIES	34.15	
038650	5/31/2015	EBERHAR	EBERHART SOFTWARE CONSULTING	95.00	
038651	5/31/2015	FASTENA	FASTENAL COMPANY	254.36	
038652	5/31/2015	HANFORD	HANFORD READY MIX INC.	195.42	
038653	5/31/2015	HMS	HMS, INC	2,480.00	Training-Field Crews-Asbestos
038654	5/31/2015	HYDROSC	HYDROSCIENCE ENGINEERS, INC	1,840.90	Hampton WTP
038655	5/31/2015	INT STA	INTERSTATE OIL COMPANY	2,164.86	Fuel
038656	5/31/2015	IRS SAC	INTERNAL REVENUE SERVICE	22.62	Confidential
038657	5/31/2015	KIRBY	KIRBY'S PUMP & MECHANICAL, INC	2,611.57	Hampton WTP
038658	5/31/2015	MONTIEL	MICHAEL MONTIEL	226.47	Travel Reimbursement
038659	5/31/2015	PACE	PACE SUPPLY CORP	18,162.60	Materials-Railroad Corridor
038660	5/31/2015	PAULA M	PAULA MAITA & COMPANY	1,197.41	(2) Invoices-Shirts Field Crew
038661	5/31/2015	PEST	PEST CONTROL CENTER INC	80.00	
038662	5/31/2015	PR DIAM	PR DIAMOND PRODUCTS, INC.	156.00	
038663	5/31/2015	RADIAL	RADIAL TIRE OF ELK GROVE	474.47	
038664	5/31/2015	REED GR	REED & GRAHAM, INC	96.57	Repairs & Maintenance
038665	5/31/2015	SIERRA	SIERRA OFFICE SUPPLIES	282.45	
038666	5/31/2015	SMUD	SMUD	801.40	
038667	5/31/2015	SMUD	SMUD	7,135.28	
038668	5/31/2015	SMUD	SMUD	1,338.10	
038669	5/31/2015	SMUD	SMUD	55.97	

038670	5/31/2015	SMUD	SMUD	5,905.67	
038671	5/31/2015	SMUD	SMUD	197.43	
038672	5/31/2015	SMUD	SMUD	2,169.54	
038673	5/31/2015	SMUD	SMUD	477.96	
038674	5/31/2015	SMUD	SMUD	3,041.18	
038675	5/31/2015	VALL MO	VALLEY MOTOR PARTS	22.50	
038676	5/31/2015	WATER T	WATERTRAX USA, INC	9,184.63	Annual Watertrax License
038677	5/31/2015	C&T	C & T SPECIALTIES	43.20	
038678	5/31/2015	HALING	CINDY HALING	525.00	
038679	5/31/2015	PAC BEN	PACIFIC BENEFIT IFLEX, INC	16.00	
Total:				305,664.24	

Elk Grove Water District
Active Account Information
5/31/2015

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Non-metered												
Residential	135	133	134	133	107	80	65	21	20	-	-	-
Commercial	47	33	33	35	21	10	10	4	4	-	-	-
Metered												
Residential	11,494	11,484	11,490	11,473	11,479	11,513	11,525	11,579	11,607	11,632	11,651	11,651
Commercial	457	458	459	457	479	492	502	509	512	514	514	511
Fire Service	123	121	121	121	121	121	121	121	121	121	121	121
Total Accounts	12,256	12,229	12,237	12,219	12,207	12,216	12,223	12,234	12,264	12,267	12,283	-

Elk Grove Water District
Active Account Information
FY 2013/2014

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Non-metered												
Residential	938	947	813	594	475	422	384	342	294	241	187	137
Commercial	110	110	110	110	108	102	102	89	81	51	50	47
Metered												
Residential	10,605	10,595	10,724	10,949	11,034	11,093	11,141	11,163	11,213	11,271	11,381	11,543
Commercial	388	392	397	394	394	397	397	414	421	451	454	458
Fire Service	123	123	123	123	123	123	123	123	123	121	121	122
Total Accounts	12,164	12,167	12,167	12,170	12,134	12,137	12,147	12,131	12,132	12,135	12,193	12,307

Elk Grove Water District

Bond Covenant Status

For Fiscal Year 2014-15

As of May 31, 2015

Operating Revenues:
Charges for Services \$ 12,189,198

Operating Expenses:

Salaries & Benefits	3,031,874
Seminars, Conventions and Travel	23,907
Office & Operational	3,196,240
Outside Services	695,241
Equipment Rent, Taxes, and Utilities	303,988
Depreciation & Amortization	1,695,833
Total Operating Expenses	8,947,083

Income From Operations \$ 3,242,115

Covenant Number 2

Income From Operations	3,242,115
Add: Depreciation & Amortization Expenses	1,695,833 *
Total	4,937,948

Interest & Principal Payments	
2,546,800 interest + 1,290,000 principal	3,197,333 *

Coverage Ratio:

Actual	1.54
Required	1.15

* Note: The calculation for the period = the percentage of the year completed.

Elk Grove Water District
Revenues and Expenses Actual to Budget
May 31, 2015

General Ledger Reference	May		May		YTD Activity	Annual Budget	11/12=91.67%	
	Activity	Budget	Activity	Budget			Variance	%
Revenues	1,090,186	1,205,315	-115,129	-9.55%	12,189,198	14,463,784	-2,274,586	84.27%
Salaries & Benefits (1)	244,168	310,134	-65,966	-21.27%	3,031,874	3,721,605	-689,731	81.47%
Seminars, Conventions and Travel	750	3,167	-2,417	-76.32%	23,907	38,007	-14,100	62.90%
Office & Operational (2) (3)	261,471	342,597	-81,127	-23.68%	3,196,240	4,111,168	-914,928	77.75%
Outside Services	31,189	68,380	-37,191	-54.39%	695,241	820,558	-125,317	84.73%
Equipment Rent, Taxes, Utilities	22,780	36,654	-13,873	-37.85%	303,988	439,846	-135,858	69.11%
Total Operational Expenses	560,358	760,932	-200,574	-26.36%	7,251,249	9,131,184	-1,879,935	79.41%
Net Operations	529,828				4,937,948			
Non-Operating Activity								
Depreciation & Amortization	154,167	154,167	0	0.00%	1,695,833	1,850,000	-154,167	91.67%
Bond Interest Accrued	212,236	212,236	0	0.00%	2,334,591	2,546,826	-212,236	91.67%
Interest Earned	1,181	833	348	41.75%	11,437	10,000	1,437	114.37%
Other Income	30,869	0	30,869		213,207	0	213,207	
Revenues in Excess of Expenditures (Net Revenues)	<u>195,476</u>				<u>1,132,168</u>			
Capital Expenses								
Capital Improvements					1,359,660			
Capital Replacements					438,814			
Equipment					51,337			
Bond Retirement: \$1,290,000					<u>1,182,500</u>			
Total Capital And Debt Retirement Expenditures					<u>3,032,312</u>			
Net Position after Capital and Debt Retirement Expenditures					<u>(1,900,143)</u>			

(1) A total of \$439,864 of salary expenses will be capitalized to the Meter Retrofit CIP Program at year end, which will reduce the final expenditures.
 (2) A total of \$154,956 of operational expenses will be capitalized to the Meter Retrofit CIP Program at year end, which will reduce the final expenditures.
 (3) Estimated Expenditures: Purchased Water \$212,222 in May, and \$422,814 Year-To-Date.

**Florin Resource Conservation District
CASH - Detail Schedule of Investments
5/31/2015**

G/L Account #	Account number / name	Investment Name	Investment Type	Restrictions	Market Value
HELD BY BOND TRUSTEE:					
G/L Account # Money Market Fund					
1130-000-30	Building	BNY 113518 FRCD OB 2003 A/B Rev Fd	MM Mutual Fund	Restricted	\$ 345,199.88
	Building	BNY 113522 FRCD OB 2003 B SUB IPF	MM Mutual Fund	Restricted	0.00
	Building	BNY 113591 FRCD OB 03 A/B O/M RES FD	MM Mutual Fund	Restricted	20,237.01
1132-000-30	Building	BNY 113594 FRCD OB 03 A/B RES FD	MM Mutual Fund	Restricted	460,000.00
	Building	BNY 113598 FRCD 03 A INST PMT FD	MM Mutual Fund	Restricted	0.00
	Building	BNY 113599 FRCD OB 03 A SR IPF	MM Mutual Fund	Restricted	0.00
1133-000-30	Building	BNY 113601 FRCD 2003 A/B CAR/PAINT EXP	MM Mutual Fund	Restricted	3,774.72
1134-000-30	Building	BNY 113602 FRCD 2003 A/B ADMIN EXP FD	MM Mutual Fund	Restricted	95.11
1103-000-20	Water	BNY 113757 FRCD 2002 INST PMT SER B	MM Mutual Fund	Restricted	2.00
	Water	BNY 113759 FRCD 2002 INST PMT SER B	MM Mutual Fund	Restricted	1.01
1102-000-20	Water	BNY 113756 FRCD INST PMT SER A	MM Mutual Fund	Restricted	779,364.83
1107-000-20	Water	BNY 113576 FRCD 2003 A CONST FUND	MM Mutual Fund	Restricted	0.00
1122-000-20	Water	BNY 113584 FRCD 2005 A CONST FUND	MM Mutual Fund	Restricted	0.00
1123-000-20	Water	BNY 113585 FRCD 2005 A INST PM	MM Mutual Fund	Restricted	192,418.68
1121-000-20	Water	BNY 113586 FRCD 2005 A RATE STAB	MM Mutual Fund	Restricted	0.00
	Water	BNY 113587 FRCD 2005 A RES FD	MM Mutual Fund	Restricted	1.00
1101-000-20	Water	BNY 113764 FRCD 2002 A/B RATE STABILIZATION	MM Mutual Fund	Restricted	0.00
	Water	BNY 892747 FRCD 2014A COI	MM Mutual Fund	Restricted	0.00
	Water	BNY 892745 FRCD 2014A REDEMPTION	MM Mutual Fund	Restricted	0.00
	Water	BNY 892744 FRCD 2014A DEBT SERVICE	MM Mutual Fund	Restricted	9,145.84
		Subtotal		Subtotal	\$ 1,810,240.08
1001-000-20	Water	CASH ON HAND		Unrestricted	\$ 300.00
HELD BY RIVER CITY BANK:					
1010-000-10	FRCD	RCB 1111057982 CHECKING ACCOUNT		Unrestricted	129,310.31
1010-000-20	Water	RCB 1111063486 GENERAL CHECKING		Unrestricted	414,674.06
1020-000-20	Water	RCB 1111028001 MONEY MARKET		Unrestricted	3,914,857.24
1030-000-20	Water	RCB 1111025851 CHARGE CARD ACCOUNT		Unrestricted	418,937.03
1040-000-20	Water	RCB 1111096589 HIGH YIELD MONEY MARKET		Unrestricted	3,185,246.80
1050-000-20	Water	RCB 1111099502 DEBT SERVICE ACCOUNT		Unrestricted	5.63
1060-000-20	Water	RCB 1111097844 PAYROLL ACCOUNT		Unrestricted	219,546.92
1070-000-20	Water	RCB 1111097933 WEB PAYMENT RECEIPTS		Unrestricted	866,673.51
		Subtotal		Subtotal	\$ 9,149,251.50
1080-000-20	Water	Office of the Treasurer - Sacramento California	Investment Pool	Unrestricted	\$ 2,834,258.70
		Total		Total	\$ 13,794,050.28
		Total Restricted		Total Restricted	\$ 1,810,240.08
		Total Unrestricted		Total Unrestricted	\$ 11,983,810.20

Consultant Expenses
May 31, 2015

Consent
Calendar Item# h

Fiscal Retainer Contracts

Consultant	Description	Current Month	Paid to date	Budget/Contract Amount	Percent of year (92%)
Best Best, & Krieger**	Task orders	106,464	185,000	57.55%	
Solutions by BG, Inc.	Task orders	8,653	124,630	85.08%	

Project Specific Contracts

Consultant	Description	Current Month	Paid to date	Budget/Contract Amount	Percent of Contract Amount
AECOM	ERP	18,923	74,720	25.33%	
MC Engineering, Inc	AMI Study	14,087	23,680	59.49%	

*Capital Projects

**Legal Cost detail - FY 14/15

Operations	
FRCO/EDC	\$ 62,545
Litigation	
Other	
TOTAL	<u>62,545</u>

June 24, 2015

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

RECOMMENDATION

It is recommended that the Board of Directors of the Florin Resource Conservation District approve committee meeting minutes a-e.

Summary

There were five (5) committee meetings between the months of March and May 2015, and the minutes of these meetings are attached to this report, a-e. By this action, the Board would approve the minutes for these five meetings.

DISCUSSION

Background

The committee meeting minutes have previously been brought to the respective committees for review, and then to the full FRCD Board of Directors for approval.

Present Situation

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

FINANCIAL SUMMARY

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

June 24, 2015

COMMITTEE MEETINGS

Page 2

Respectfully Submitted,



STEFANI PHILLIPS,
FLORIN RESOURCE CONSERVATION DISTRICT BOARD SECRETARY

SP

Attachments

**Minutes of the Special Meeting of the Conservation Committee
of the
Florin Resource Conservation District Board of Directors**

Wednesday, March 4, 2015

Attendance:

Committee Members: Tom Nelson, Vice-Chairman – present
Elliot Mulberg, Director – present
Jeanne Sabin, Director – absent

Associate Members: Mike Schmitz – present

Staff: Mark J. Madison, General Manager
Stefani Phillips, Board Secretary
Bruce Kamilos, Associate Civil Engineer
Ellen Carlson, Finance Manager
Cindy Robertson, Administrative Assistant II (Confidential)

Sloughhouse RCD: Ronald Lowry, Director
Jay Schneider, Director
Amanda Platt

Lower Consumnes: Doug Chan, Director
Mike Stokes, Director

Public: None

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

Discussion of Regional Groundwater Management

Mark J. Madison, General Manager, provided background information as to why the Florin Resource Conservation District (FRCD) is no longer meeting as the 2x2x2 Committee. It was established at the FRCD Board meeting on January 28, 2015 that the FRCD Board would meet as the Conservation Committee.

Introductions were made around the table for all that attended the meeting.

Jay Schneider, Director, Sloughhouse Resource Conservation District (SHRCD) discussed the history of the Consumnes River water loss; it is not clear where the water is going. A study is being performed. He stated that a goal would be to approach as a group (FRCD, SHRCD, and Lower Consumnes) and actually find out where the water basin is and find a government agency to represent that basin. He stated he would like to give the government agency an opportunity to actually have all the facts. Discussion followed regarding who that government agency would be.

Bruce Kamilos, Associate Civil Engineer, stated that the Department of Water Resources (DWR) is gaining traction on reestablishing boundaries based on County lines.

Mr. Madison gave background regarding Groundwater Sustainability 2014 that will lead to groundwater regulatory management. Much discussion followed during the presentation.

Comments and inquiries include:

- Would technology studies be accepted as method to change boundaries?
- Would the state even entertain changing boundaries?
- Who should be the Groundwater Sustainability Agency (GSA)?
- Joint Power Authority (JPA) would be a good GSA which is part of the Sacramento County Groundwater Authority (SCGA)
- SHRCD is not interested in teaming up with SCGA
- Who approves GSA?
 - Department of Water Resources will authorize GSA

Mr. Madison stated SCGA is having a board meeting on Wednesday, March 11, 2015 and will be discussing the implementation of the sustainable groundwater management act and suggested all members attend this meeting.

Adjourn to next meeting scheduled March 17, 2015.

Respectfully submitted,

Stefani Phillips, Board Secretary

SP/CR

**Minutes of the Special Meeting of the Conservation Committee
of the Florin Resource Conservation District Board of Directors**

Wednesday, March 17, 2015

Attendance:

Committee Members:	Tom Nelson, Vice-Chairman Elliot Mulberg, Director Mike Schmitz, Associate Director
FRCD/EGWD Staff:	Mark J. Madison, General Manager Stefani Phillips, Board Secretary Bruce Kamilos, Associate Civil Engineer
Sloughhouse RCD:	Ronald Lowry, Director Jay Schneider, Director Amanda Platt, Board Secretary
Lower Consumnes RCD:	Doug Chan, Director Amanda Platt, Board Secretary
Public:	None

Public Comment

Jay Schneider, Director Sloughhouse Resource Conservation District (SHRCD), provided background on a study regarding the Department Water Resource (DWR) basin in Sacramento County. The title of the study, "Feasibility of groundwater banking under various hydrologic conditions in California USA," was published on June 1, 2014 and it was accepted on June 25, 2014 by Saad Merayyan. He stated that the study defines groundwater banking up to 10,000 acre feet and if not greater than 10,000 acre feet, it would not be beneficial. Amanda Platt will send the link of the study to the group who attended this meeting. He also mentioned a grant opportunity for groundwater banking by Omochumne-Hartnell Water District. The grant calculates what goes into the underground. He then recommended that each RCD participate in regional mitigation.

1. Joint Funding Agreement Between Florin Resource Conservation District, Lower Consumnes Resource Conservation District, and Sloughhouse Resource Conservation District for Conservation Grant Services

Mark J. Madison, General Manager, provided background information on the joint funding agreement between Florin Resource Conservation District (FRCD), Lower Consumnes Resource Conservation District (LCRCD), and Sloughhouse Resource Conservation District (SHRCD) for conservation grant services. In summary, there was a discussion held after the March 4, 2015 Conservation Committee meeting using a consultant from Conservation Strategy Group, to seek grant monies and look for various opportunities for all three RCD's jointly or independently combining efforts to promote more conservation in the three districts. Everyone in the room agreed to this idea. EGWD staff proposed the idea to the FRCD Board of Directors to authorize staff to enter the joint funding agreement with the two other districts to fund one-third of the total cost which equates to \$4,000/year per RCD. The FRCD has approved this motion and is waiting for the LCRCD and SHRCD Board to meet. The LCRCD and SHRCD are not scheduled to meet until April 8, 2015.

Comments and inquiries include:

- What should the process be for contract?
- Do we want the consultant contracted with one RCD and the other two RCD's back billed?
- Have the three RCD's in a contract with the consultant
- Would the consultant bill each RCD individually?
- Have the invoice come in with all three RCD's names on it, but have the mailing address listed as the FRCD
- Have a joint agreement amongst all three RCD's
- LCRCD and SHRCD to discuss the option of joint funding with their boards
 - This can be sorted out in time
- Have Amanda Platt, Board Secretary, named as point of contact on the bill since she is the staff person for both LCRCD and SHRCD
- SHRCD would like to have the consultant come out and do a presentation

Ms. Platt will let this group know when the LCRCD board meeting will occur so the FRCD can contact the consultant group for a presentation.

FRCD will email Ms. Platt their documentation on the joint funding agreement that was approved.

Ms. Platt will email the FRCD available dates from LCRCD and SHRCD to see when the consultant from the Conservation Strategy Group could meet.

2. Discussion of Potential Conservation Activities

Comments and suggestions include:

- Tri- colored Black Bird
 - A suggestion was made to put in a check dam near the creek that is on the west side of Excelsior and runs to Laguna Creek
 - By adding a check dam it would provide more water to the ground and provide a habitat
 - Nesting areas have been destroyed
 - Is there environmental or permitting challenges that are in existence for the check dam idea?
 - There was a comment made calling this a stock water pond and a suggestion to get a permit through DWR under the stock water pond title
 - Does this water belong to the nursery? Is it their run off?
 - Ms. Platt stated that the CARCD would support this type of project for collaborative efforts
- Bee Pollinator Habitat
 - Ms. Platt handed out the Watershed Coordinator Grant to provide ideas
- Wildlife Conservation Board
 - California Stream Flow Enhancement Program - \$200M that the Wildlife Conservation Board would like to spend and don't know how. California Stream Flow Enhancement Program will fund projects that will enhance stream flows. In order to receive funding projects, they must be consistent with California Water Action Plan and Wildlife Conservation Board Strategic Plan objectives and benefit fish and wildlife.
 - Two interests points:
 - Further the studies to find out where the groundwater is and where to bank it
 - Improving the flows on the Consumnes River
 - Mr. Madison will verify if the money is coming from Proposition 1

- Mr. Madison brought an idea to the group of water trading. He further explained that the water is sent down the Consumnes River to enhance stream flows for either fishery purposes or to help farmers (In turn the supplies could effectively be offset by recycled water through expansions of the Sacramento Regional supplies back to farmers to let the water go back into the Consumnes River).
 - Mr. Madison would like to have a follow up meeting with Mike Wackman and Ms. Platt to further explore this option
- Explore Ground Water Banking
 - Ms. Platt will verify the grant requirements and the grant application process
- Innovation Grant Opportunity
 - Pre-application is due April 10th – something to look into next year since the NRCS does this every year
 - Money comes from NRCS
 - Grants are matched at 50%
 - Pre-proposal should not be greater than 3 pages

Mr. Madison stated he would like to encourage each RCD to brainstorm. Mr. Madison stated he would like to have the Conservation Strategy Group Consultant come out and meet to discuss ideas.

ACTION: See if the other RCD's will meet with their boards to see if we can move forward with the consultant.

ACTION: Jay Schneider will ask Jeremy Wire to write a proposal that complies with guidelines and explanations.

Adjourn to next Conservation Committee meeting to be determined.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary

SP/CR

**Minutes of the Special Meeting of the Finance Committee
of the
Florin Resource Conservation District Board of Directors**

Thursday, May 13, 2015

Attendance:

Committee Members: Chuck Dawson, Bob Gray, Elliot Mulberg, Tom Nelson, and Jeanne Sabin

Associate Members: Mike Schmitz

Staff Members: Mark J. Madison, General Manager; Jim Malberg, Finance Manager; Donella Murrillo, Finance Supervisor; Stefani Phillips, Secretary; Bruce Kamilos, Associate Civil Engineer; Ellen Carlson, Management Analyst

Consultants Present: Ann Siprelle, Best Best & Krieger (BB&K)

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

Draft Fiscal Year 2015-16 Elk Grove Water District Operating Budget

Mark J. Madison, General Manager introduced the Draft Fiscal Year 2015-16 Elk Grove Water District Operating Budget and explained to the Board of Directors what key items Jim Malberg, Finance Manager, would cover in his presentation.

Mr. Malberg explained to the Board of Directors what key assumptions staff is working on:

- Revenue projection includes approved 3% revenue adjustment on January 1, 2016 and 10% reduced consumption over & above 2014 conservation levels
- COLA is estimated at 2%, CPI-W data scheduled to be released May 22, 2015 (each 1% of COLA represents approximately \$25,000)

Chairman Chuck Dawson inquired how the Elk Grove Water District Tier 2 fairs in relation to the San Juan Capistrano lawsuit. Mr. Madison and Mr. Malberg replied that they feel comfortable and confident with the rate model tying it back to cost for service.

Director Bob Gray inquired if there is a lag in revenues because of the Districts back billing process. Mr. Madison responded stating that he will check into that and will report to the Board on his findings.

Mr. Gray inquired why there was a drop in fire service revenues. Mr. Madison responded that the revenues were reduced because of the revised allocations in the new rate structure.

Mr. Malberg informed the Board that the District will no longer be budgeting for depreciation and amortization. He stated that the District will be budgeting a deposit for the capital reserves and the amount will be based from the Asset Management Plan over the next 18 years.

The Board inquired if we had any temporary employee salaries budgeted for. Mr. Malberg replied that he believed they were contained in contracted services. Mr. Malberg stated that he would verify and report to the Board his findings.

Mr. Malberg stated that staff has separated the purchased water expense from the category "Office and Operational".

Director Bob Gray proposed the separation of Office from Operational. He stated he would like to see the operational overhead. Director Tom Nelson commented, "is it worth the staff's time to switch the method. Mr. Gray replied, probably not. Mr. Madison replied, let's not rule it out.

Mr. Madison commented that the Board member costs will not be separated (seminars, conventions, travel). Mr. Madison will provide this information to the Board on an as needed basis.

The next Finance Committee Meeting to be determined.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Secretary

**Minutes of the Special Meeting of the Infrastructure Committee
of the
Florin Resource Conservation District Board of Directors**

Thursday, May 13, 2015

Attendance:

Committee Members: Bob Gray, Director – present
Tom Nelson, Director – present
Associate Members: Davies Ononiwu – absent
Staff: Mark J. Madison, General Manager
Stefani Phillips, Human Resource Specialist/Board Secretary
Cindy Robertson, Administrative Assistant II (Confidential)
Bruce Kamilos, Associate Civil Engineer
Travis Franklin, GIS Technician I
Public: None

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

1. Infrastructure Committee Meeting Minutes – April 23, 2015

Stefani Phillips, Board Secretary, presented the Infrastructure Committee meeting minutes from April 23, 2015 to the Infrastructure Committee. The Infrastructure Committee approved the content of the minutes and it will be brought back to the full Board at the Regular Board Meeting for approval.

2. Draft Fiscal Year 2016-20 Capital Improvement Program

Bruce Kamilos, Associate Civil Engineer, presented the Draft FY 2016-20 to the Infrastructure Committee.

Comments and inquiries include:

- Not too many changes from the last CIP document present to the Infrastructure Committee
- Project priorities are now part of the CIP document
- RRWTF Modular Meeting Room and I.T. Center
 - Increased the total dollar value from \$75K to \$125K
 - Director Tom Nelson inquired if the I.T. Assessment would be the appropriate avenue for the fire assessment for the Modular Meeting Room and I.T. Center. Mark J. Madison replied maybe and that would be a good question once the District gets into the design phase. Mr. Kamilos stated that the District cannot start on the RRWTF Modular Meeting Room and I.T. Center until the Railroad Street WTF Parking Lot Improvement project is complete which starts in September. Mr. Nelson suggested to have an outside party evaluate it.
 - Committee Members are ok with the layout from the RRWTF Modular Meeting Room and I.T. Center
- RRWTF Emergency Access Gate was added to the CIP document
- There was much discussion regarding the Business Center/CSD Building Water Main Looping project
 - It was proposed to install a water main loop in an L-shaped alignment between two (2) hydrants

- First hydrant would be located at the dead end main at the Business Center
- Second hydrant would be located at the point of connection of Elk Grove Blvd and Colton Avenue
- Mr. Kamilos revise the cost of the project and will e-mail the changes to the committee members
- A third Infrastructure Committee Meeting is not being planned unless the committee members have an objection on the changes sent to them via e-mail
 - Mr. Madison stated that the AMI project could change the whole CIP

The next Infrastructure Committee Meeting to be determined.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Secretary

**Minutes of the Special Meeting of the Conservation Committee
of the Florin Resource Conservation District Board of Directors**

Wednesday, May 27, 2015

Attendance:

Committee Members:	Tom Nelson, Vice-Chairman Elliot Mulberg, Director Jeanne Sabin, Director Mike Schmitz, Associate Director
FRCD/EGWD Staff:	Mark J. Madison, General Manager Stefani Phillips, Board Secretary Bruce Kamilos, Associate Civil Engineer
Public:	None

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

1. Conservation Committee Minutes (March 4 and March 17, 2015)

Stefani Phillips, Board Secretary, presented the Conservation Committee Meeting Minutes to the committee members. A discussion occurred regarding the process for approving the minutes.

Director Elliot Mulberg commented that the Conservation Committee does not meet very often and suggested that the committee meeting minutes be brought to the regular board meeting in the same month to allow the various committees an opportunity to review the minutes and clarify any questions the full board may have before approving them.

Mark J. Madison, General Manager, suggested bringing the Conservation Committee meeting minute's process up at the FRCD Regular Board Meeting on May 27, 2015 during Directors Comments.

Discussion continued.

The Conservation Committee agreed that the minutes be brought back to the full board during the regular board meeting in the same month under the agenda item "Committee Meetings".

2. Florin Resource Conservation District Conservation Activities (Information)

Mark J. Madison, General Manager, initiated discussions regarding the Florin Resource Conservation District Conservation Activities.

Mr. Madison suggested that the committee assist him in reaching out to the consultant from Monterey, Donna Meyers, who was recommended to perform a needs assessment study. Mr. Madison asked if Director Elliot Mulberg would like to attend the meeting with the consultant.

Director Jeanne Sabin inquired about what information the FRCD had regarding projects the FRCD had in the past and how the FRCD obtained the money for the projects. Mr. Madison responded suggesting that Ms. Sabin meet with Ellen Carlson, Management Analyst to obtain the historical facts.

A discussion occurred regarding who from the Conservation Committee members would meet with the public at conservation related events and who would prepare materials.

A discussion occurred regarding the pollinator habitat and potential interested parties, which include:

- Spee's Bees
- Bayer's Crop Science
- FFA

Mr. Madison will contact Spencer Halsey with Matsuda's Nursery.

Mr. Madison recommended to the Conservation Committee members not having the FRCD get involved in projects related to storm water quality. Mr. Madison stated that he is open to the idea of having the FRCD get involved in projects related to recycled water. Mr. Madison stated he would contact Prabhaker Somavarapu, District Engineer with Sacramento Regional County Sanitation District (SRCSD). The SRCSD recycled water plan is intended, in part, to enhance the use of recycled water within the South Sacramento Region for the large agricultural users.

Adjourn to next Conservation Committee meeting to be determined.

Respectfully submitted,

Stefani Phillips

Stefani Phillips, Board Secretary

SP/CR

June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District
FROM: Ellen Carlson, Management Analyst
SUBJECT: **FLORIN RESOURCE CONSERVATION DISTRICT CONSERVATION ACTIVITIES**

RECOMMENDATION

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

Summary

The Board has requested a monthly summary of conservation activities performed by the Board and Staff.

DISCUSSION

Background

Board members and staff periodically perform community services within the Florin Resource Conservation District (FRCD) boundaries in keeping with the purpose and Strategic Plan of the Florin Resource Conservation District.

Present Situation

On May 27th, the FRCD Conservation Committee held a meeting. Meeting minutes may be found in the committee section of this board packet.

Two Elk Grove High School students, Annabiel Saelee and Dana Mastro, are being sponsored by the FRCD for this year's Range Camp. Range Camp is presented annually by the California Pacific Society for Range Management in Half Moon Bay. The FRCD has sponsored students for many years for this week long camp. Participants spend time on a working ranch, learning about range management, ecology, soils, watershed hydrology and GIS skills. The students were selected on the recommendation of their science teacher.

June 24, 2015

FLORIN RESOURCE CONSERVATION DISTRICT CONSERVATION ACTIVITIES

Page 2

STRATEGIC PLAN CONFORMITY

Participation in regional conservation outreach is in conformity with the District's conservation and cooperative program goals of the 2012-2017 Strategic Plan.

FINANCIAL SUMMARY

There is no direct financial impact associated with this report.

Respectfully submitted,

A handwritten signature in blue ink that reads "Ellen Carlson" with a stylized flourish at the end.

ELLEN CARLSON
MANAGEMENT ANALYST

June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District
FROM: Ellen Carlson, Management Analyst
SUBJECT: ELK GROVE WATER DISTRICT CONSERVATION ACTIVITIES

RECOMMENDATION

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

Summary

The Elk Grove Water District achieved a water savings of 39% in the month of May in comparison to the same period in 2013. This savings is due to a combination of reduction in system pressure and continued conservation efforts of EGWD customers.

DISCUSSION

Background

On May 13th, the Florin Resource Conservation District Board of Directors ordered a revision of the Stage 2 Water Shortage Contingency Plan and the implementation of Stage 2 Plus. Along with system wide pressure reduction, the Elk Grove Water District continues to pursue a number of conservation outreach measures to achieve the goal of a 28% reduction in water use over the 2013 water use figures.

Present Situation

Current water use reduction status

The Elk Grove Water District remains at a Water Shortage Contingency Plan Stage 2 Plus – Extreme Water Warning. The State Water Resources Control Board has ordered EGWD to reduce water use by 28%. EGWD's usage figures indicate a 39% reduction for the month of May. The monthly figures are compared to those of 2013 to calculate the reduction percentages. The table attached to this report show the production figures for

ELK GROVE WATER DISTRICT CONSERVATION ACTIVITIES

Page 2

2013 and the year to date for 2015 with the reduction percentages both for the month and cumulative for the year.

Rules and requirements

The Stage 2 Plus restrictions include:

- Irrigation is limited to two days a week, designated by the property address
- All irrigation is prohibited between 10 AM and 8 PM
- No irrigation is permitted during or up to 48 hours after measurable rainfall
- No runoff or gutter flooding is permitted
- No use of a hose to wash a motor vehicle, unless the hose is fitted with a shut off nozzle
- No washing down driveways or sidewalks
- Water is served in restaurants only on request

Enforcement

Two EGWD employees perform water waste patrols beginning at 4 AM every day. In May, staff issued 362 water waste citations. Most citations issued were for excessive runoff or for watering on the wrong day. Legal counsel is developing an appeals process for customers receiving a third citation. In addition, EGWD is considering participating in the "Be Water Smart Water School" under development by the Regional Water Authority. Customers may be able to have one citation stricken from the record after attendance at the Water School. Water School classes will be held throughout the RWA member areas and one in the EGWD service area is tentatively scheduled for September.

Public outreach

EGWD hosted a booth at the Western Festival during the first weekend in May. Staff brought back the popular rubber duck race, created a bucket display indicative of total household water use and manned a booth offering a variety of water conservation information. In addition, EGWD placed a full page ad in the Citizen's Western Festival insert, with a water saving tip everyday on the May calendar.

Staff has also contacted local restaurants that provide table service and provided tent cards reminding the public that water is served only on request.

In addition, staff met with representatives from Crocker & Crocker regarding the development of new public outreach efforts. Crocker & Crocker has submitted a formal

ELK GROVE WATER DISTRICT CONSERVATION ACTIVITIES

Page 3

In addition, staff met with representatives from Crocker & Crocker regarding the development of new public outreach efforts. Crocker & Crocker has submitted a formal proposal and General Manager Mark Madison is reviewing the proposal. Staff also sent Requests for Proposal to a number of Web site design firms. Staff will review proposals and a contract for a new Web site design should be signed in early July.

Staff met with Cosumnes Community Service District to discuss irrigation restrictions and has provided their employees with water use records to assist in their planning and outreach.


STRATEGIC PLAN CONFORMITY

Compliance with State regulations is in conformity with the District's Business Practice goals of the 2012-2017 Strategic Plan.

FINANCIAL SUMMARY

There is no direct financial impact associated with this report.

Respectfully submitted,

Ellen Carlson 

ELLEN CARLSON
MANAGEMENT ANALYST

Attachment

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							
Purchased (SA2)	28,648,400	30,029,208	36,876,400	51,626,212	52,734,000							
Total	91,332,974	87,394,621	123,365,837	140,611,062	158,892,389							
% Reduction	10.48%	22.18%	10.27%	18.97%	38.91%							
% Cumulative Reduction	10.48%	16.61%	14.13%	15.73%	25.33%							

June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District

FROM: Stefani Phillips, Secretary of the FRCD Board of Directors

SUBJECT: **APPOINTMENT OF ASSOCIATE DIRECTORS TO THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors consider the re-appointment of Associate Directors Mike Schmitz and Davies Ononiwu to the Florin Resource Conservation District Board of Directors.

Summary

The Florin Resource Conservation District (FRCD) solicited applications for up to three Associate Director Positions. Associate Directors Mike Schmitz and Davies Ononiwu have responded indicating their interest in continuing in the role as Associate Directors to the Florin Resource Conservation District.

By this action, the Board will consider re-appointment of Associate Directors Mike Schmitz and Davies Ononiwu as Associate Directors to the Florin Resource Conservation District Board of Directors.

DISCUSSION

Background

Associate Directors Policy No. 12 (Associates Directors Policy) was adopted by Resolution No. 01.25.12.01 and revised by Resolution No. 08.27.14.01. The policy prescribes that the District solicits the interest of up to five Associate Directors.

The Term and Responsibilities within the Associate Directors Policy reads, "Associate Directors are appointed for two-year terms beginning on July 1. District staff shall contact each Associate Director no later than May 1st prior to the expiration of his or her two-year term to ascertain whether the Associate Director wishes to serve another term. At the next meeting of the Board of Directors held in June, the Board shall consider appointing any Associate Director who has stated a desire to serve another two-year term. There are no term limits."

**APPOINTMENT OF ASSOCIATE DIRECTORS TO THE FLORIN RESOURCE
CONSERVATION DISTRICT BOARD OF DIRECTORS**

Page 2

The application process within the Associate Directors Policy reads, "1) The application shall include a letter of interest, highlighting the applicant's experience, qualifications and background in one of the areas of interest to the District, a resume, and three letters of recommendation by individuals familiar with the applicant's work or qualifications. 2) Applications will be submitted to the district office. Deadline for applications will be May 31 for action by the Board at its June meeting."

Present Situation

The FRCD has three vacant Associate Director Positions. Solicitations for the vacant Associate Director Positions were advertised during the month of May in the Sacramento Bee and in the Elk Grove Citizen, with an applicant deadline of Friday, May 29, 2015. The deadline of Friday, May 29th was selected because it was a business day, as May 31st fell on Sunday.

Stefani Phillips, Florin Resource Conservation District Board Secretary received replies from both Associate Directors Mike Schmitz (letter of interest) and Davies Ononiwu (email), before the deadline, indicating their interest in continuing their role as Associate Directors of the Florin Resource Conservation District. The District did not receive any additional letters of interest for the Associate Director role.

FINANCIAL SUMMARY

There is no financial impact associated with this agenda item.

Respectfully submitted,



STEFANI PHILLIPS
FLORIN RESOURCE CONSERVATION DISTRICT BOARD SECRETARY

SP

June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District
FROM: Mark J. Madison, General Manager
SUBJECT: **OPERATIONS REPORT – MAY 2015**

RECOMMENDATION

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

Summary

The 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 Operations Report.

Present Situation

The May Operations Report highlights are as follows:

- **Operations Activities Summary** – Information yielded in this section is derived from the District's Cityworks database. Notable items in the activities summary are that the District hung three hundred seventy-one (371) door hangers for past due balances which resulted in fifty-eight (58) shutoffs.
- **Production** – The Combined Total Service Area 1 production graph on page 12 shows that production during the month of May decreased compared to May 2014. The production decrease is directly related to customer usage reductions due to

OPERATIONS REPORT – MAY 2015

Page 2

the drought. Page 13 also includes the graph showing the Total Demand/Production for both Service Areas as requested by the Board.

- **Static and Pumping Level Graphs** – The 2nd quarter soundings are shown and continue to indicate the static and pumping water levels remain stable.
- **Treatment (Compliance Reporting)** – Five (5) bacteriological samples taken during the month were found positive. Although the repeat samples all returned negative, this violation exceeds the maximum contaminant level for the Total Coliform Rule. All other samples met or surpassed Safe Drinking Water Standards.
- **Preventative Maintenance Program** – The tables included the report list all preventative maintenance activities completed this year to date. In addition to the activities shown in the report, Backwash return pump #2 was reinstated after repairs were made to the malfunctioning motor.
- **Backflow Prevention Program 2015** – There were fifty-six (56) notices issued for the month. Forty (40) devices passed on the initial test. There were sixteen (16) secondary notices issued for devices that were not received by the end of May 2015. There are a **total** of seventeen (17) devices overall that are outstanding (including those from 2014) as of the date of this report, which will require further investigation.
- **Safety Meetings/Training** – There were five (5) safety training sessions conducted for the month. Only two (2) safety sessions are required by OSHA standards.
- **Service Line Replacement Map** – The Utility Department installed twenty-five (25) service lines for residential services for the month.
- **Service and Main Leaks Map** – There were two (2) service line leaks and zero (0) main line leaks reported for the month.

STRATEGIC PLAN CONFORMITY

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

OPERATIONS REPORT – MAY 2015

Page 3

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully Submitted,



MARK J. MADISON, P.E.
GENERAL MANAGER

MJM/ah



Operations Report

May 2015

Elk Grove Water District

Operations Report

Table of Contents

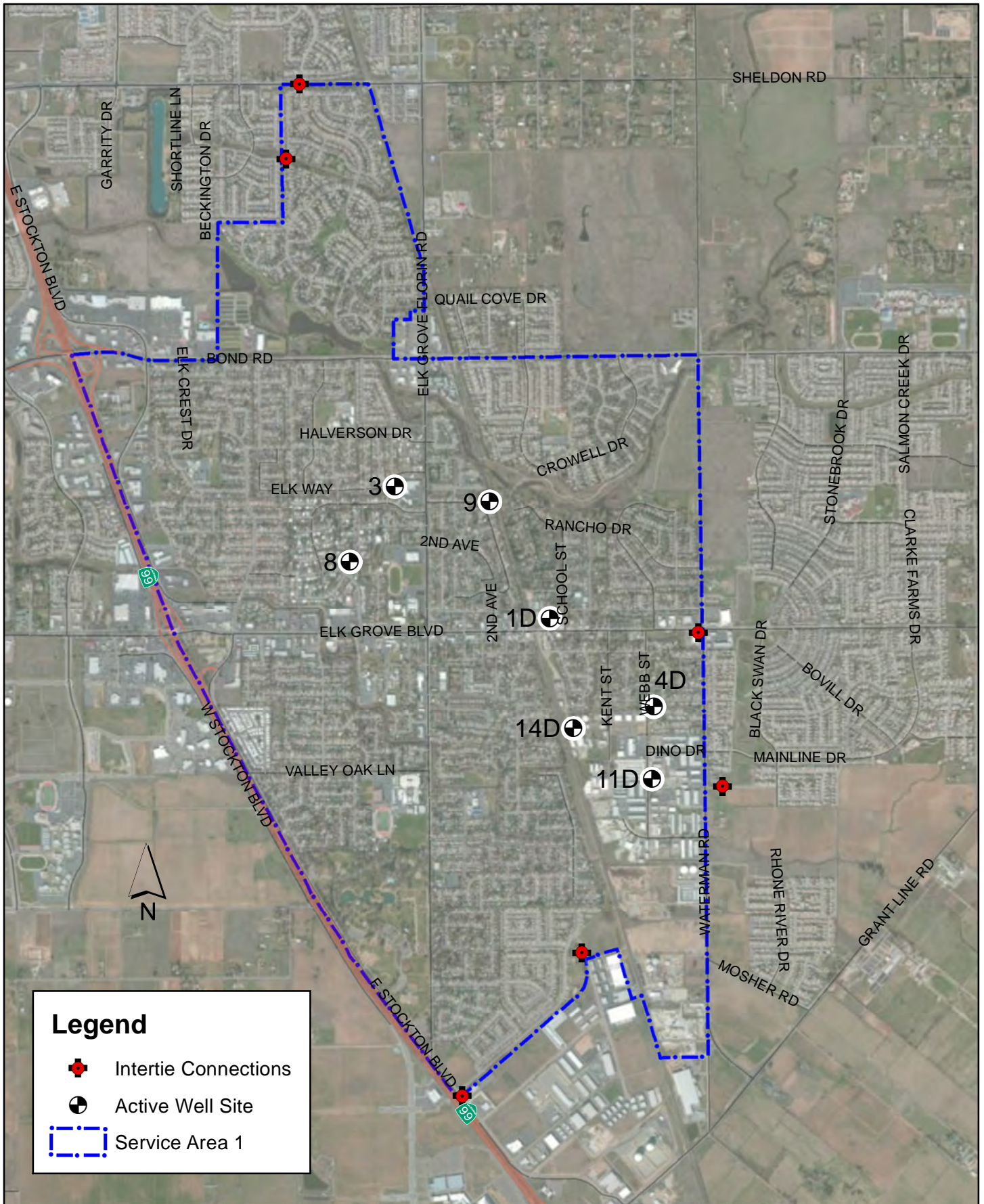
1. Operations Activities Summary	3
2. Production	
a. Active Well Sites & Intertie Connections Map	4
b. Monthly Production Graphs	
i. Well 1D School Street.....	5
ii. Well 4D Webb Street	6
iii. Well 11D Dino	7
iv. Well 14D Railroad	8
v. Well 3 Mar-Val	9
vi. Well 8 Williamson	10
vii. Well 9 Polhemus	11
c. Combined Total Production	12
d. Total Demand/Production	13
3. Static and Pumping Level Graphs	
a. Well 1D School Street	14
b. Well 4D Webb Street	15
c. Well 11D Dino	16
d. Well 14D Railroad	17
e. Well 3 Mar-Val	18
f. Well 8 Williamson	19
g. Well 9 Polhemus	20
4. Treatment (Compliance Reporting)	
a. Monthly Water Sample Report	21-24
b. Monthly Summary of Distribution System Coliform Monitoring (UY ÜÖÓ)	25-31
c. Monthly Compliance Report (SRCSD)	31 -36
5. Preventative Maintenance Program	
a. M.C.C. and Lab	37
b. Backwash System and Storage Tanks	38
c. Booster Pumps	39
d. Chlor – Tec System	40
e. Filter Vessels	41
f. Standby Generator	42
g. Well 1D School Street	43
h. Well 4D Webb Street	44
i. Well 11D Dino	45
j. Well 14D Railroad	46
k. Well 3 Mar-Val	47
l. Well 8 Williamson	48
m. Well 9 Polhemus	49
6. Backflow Prevention Program 2015	50
7. Safety Meetings/Training	51

8. Service Line Replacement Map.....	52
9. Service and Main Leaks Map.....	53
10. Sample Station Areas Map	54
11. Sample Station Area(s) Pressure Monitoring.....	55-64

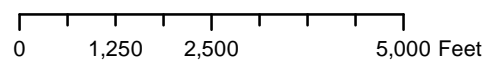
Operations Activities Summary

<u>Service Requests:</u>	May-15		YTD (Since July 1, 2014)	
<u>Department</u>	<u>Service Request</u>	<u>Hours</u>	<u>Service Request</u>	<u>Hours</u>
Distribution				
Door Hangers	371	26.02	4658	242.22
Shut offs	58	7.95	627	32.9
Turn ons	77	5.93	748	111.78
Investigations	30	14.27	541	209.37
USA Locates	119	29.75	1000	250
Customer Complaints				
-Pressure	1	2	9	16.5
-Water Quality	2	0.5	16	15.5
-Other	0	0	0	0

<u>Work Orders:</u>	May-15		YTD (Since July 1, 2014)	
<u>Department</u>	<u>Work Orders</u>	<u>Hours</u>	<u>Work Orders</u>	<u>Hours</u>
Treatment:				
Preventative Maint.	12	25	182	726
Corrective Maint.	4	10.25	40	232.25
Water Samples	8	51	138	411.5
Distribution:				
Meters Installed	0	0	55	806.5
Backflow Devices Installed	0	0	1	10
Preventative Maint.				
-Hydrant Flushing Program	0	0	3	2.5
-Hydrant Maintenance	44	44	407	331.25
-Valve Exercising	124	33.5	1053	323
-Other	0	0	1	2
Corrective Maint.				
-Leaks	2	21	50	571.85
-Other	11	127.5	179	528.25
Valve Locates	1	19.5	4	67.5
Utility:				
Meters Installed	0	0	183	2826.04
Service Line Replacement	26	494	88	1865.74
Corrective Maint.	0	0	56	720.6



Active Well Sites & Intertie Connections



Elk Grove Water District



Elk Grove Water District

Monthly Production

Well 1D School -- May 2015

Selected Month Production
215,265 Gallons

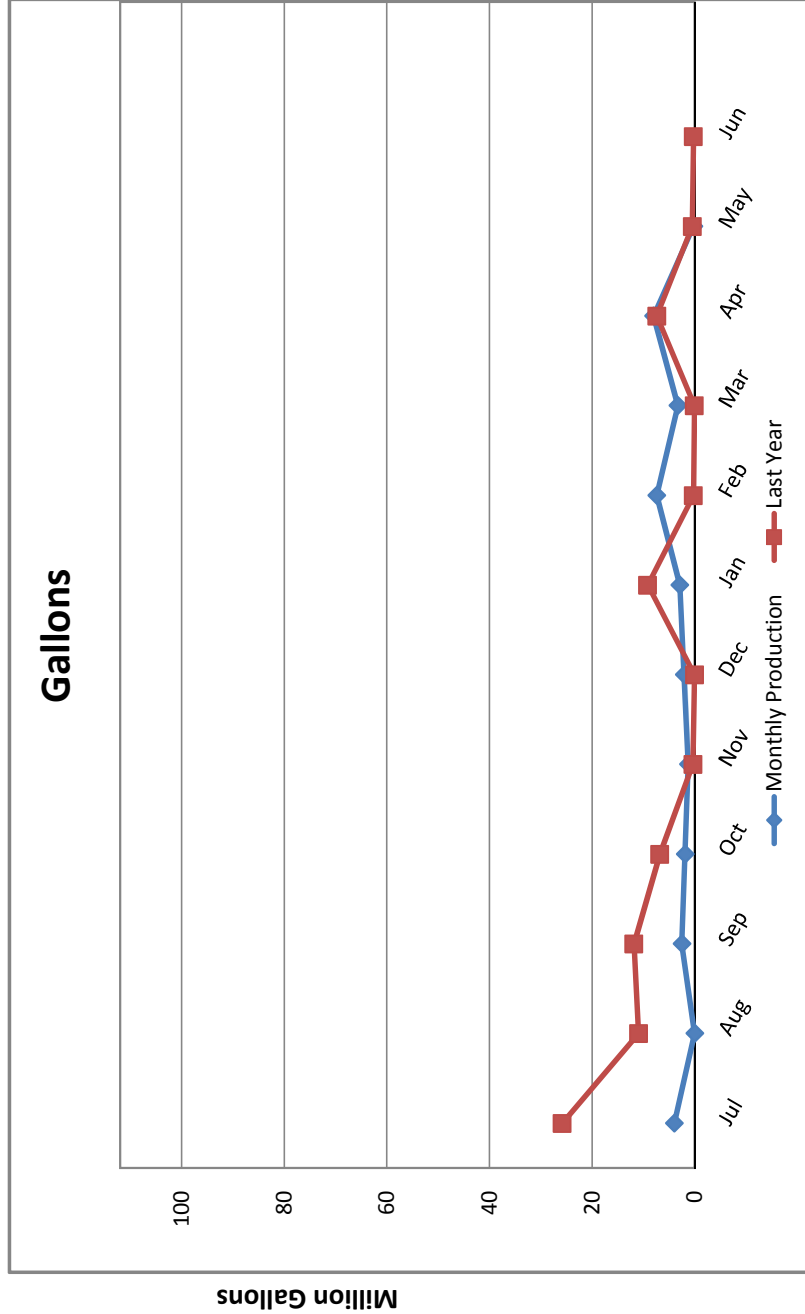
Average GPM:
1,794

Motor:
Volts: 473
Volts (Rated): 460
RPM: 2089
RPM (Rated): 2115
Amps A: 180
Amps A (Rated): 222
Amps B: 179
Amps B (Rated): 222
Amps C: 171
Amps C (Rated): 222

Motor Temp: 78.8 F
Hour Meter: 2.00
KW Hour Total: 560.00

Chlorine:
Dosing: 1.66
Demand: 0.81
Residual: 0.85

Vibration Reading:
Base Line: 0.05
Current: 0.02





Elk Grove Water District

Monthly Production

Well 4D Webb -- May 2015

Selected Month Production
45,160,727 Gallons

Average GPM:
1,701

Motor:

Volts: 482
Volts (Rated): 460
RPM: 1824
RPM (Rated): 1775
Amps A: 176
Amps A (Rated): 225
Amps B: 175
Amps B (Rated): 225
Amps C: 176
Amps C (Rated): 225

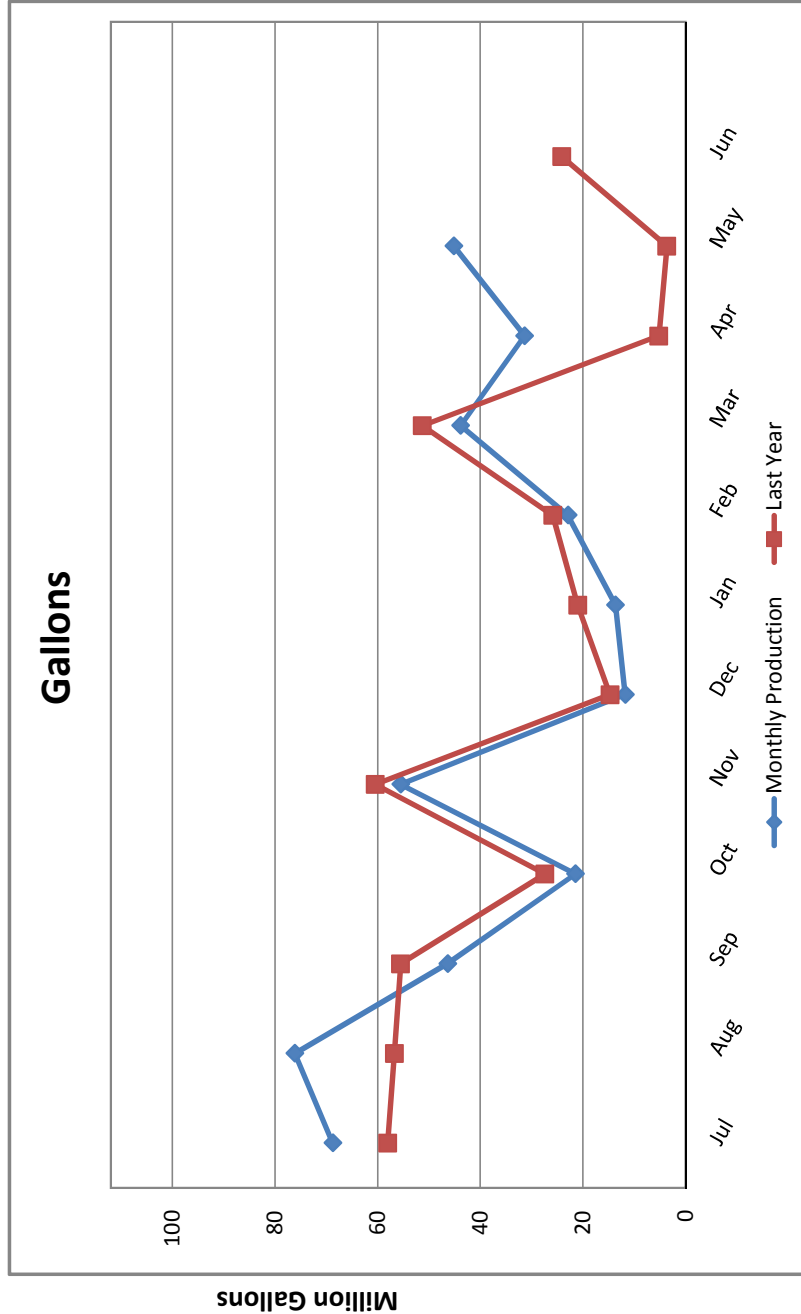
Motor Temp: 143 F
Hour Meter: 442.30
KW Hour Total: 51,600.00

Chlorine:

Dosing: 1.67 mg/L
Demand: 0.65 mg/L
Residual: 1.02 mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 11D Dino -- May. 2015

Selected Month Production
9,667,747 Gallons

Average GPM: 1,703

Motor:

- Volts: 480
- Volts (Rated): 460
- RPM: 1926
- RPM (Rated): 1775
- Amps A: 194
- Amps A (Rated): 225
- Amps B: 195
- Amps B (Rated): 225
- Amps C: 194
- Amps C (Rated): 225

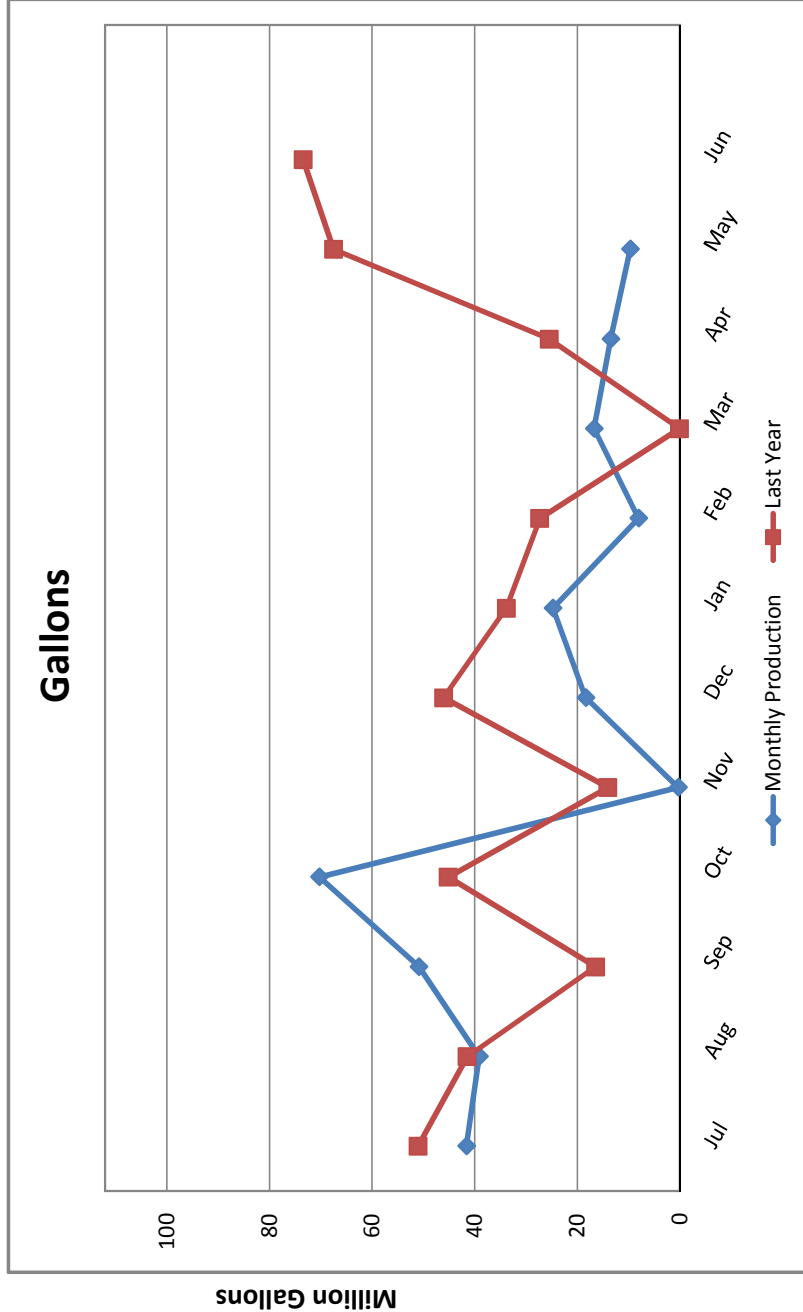
- Motor Temp: 132.4 F
- Hour Meter: 94.60
- KW Hour Total: 13,980.00

Chlorine:

- Dosing: 1.68 mg/L
- Demand: 0.79 mg/L
- Residual: 0.89 mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 14D Railroad -- May 2015

Selected Month Production
15,933,650 Gallons

Average GPM:
1,623

Motor:

Volts: 480
Volts (Rated): 479
RPM: 2071
RPM (Rated): 2005
Amps A: 164
Amps A (Rated): 171
Amps B: 161
Amps B (Rated): 171
Amps C: 155
Amps C (Rated): 171

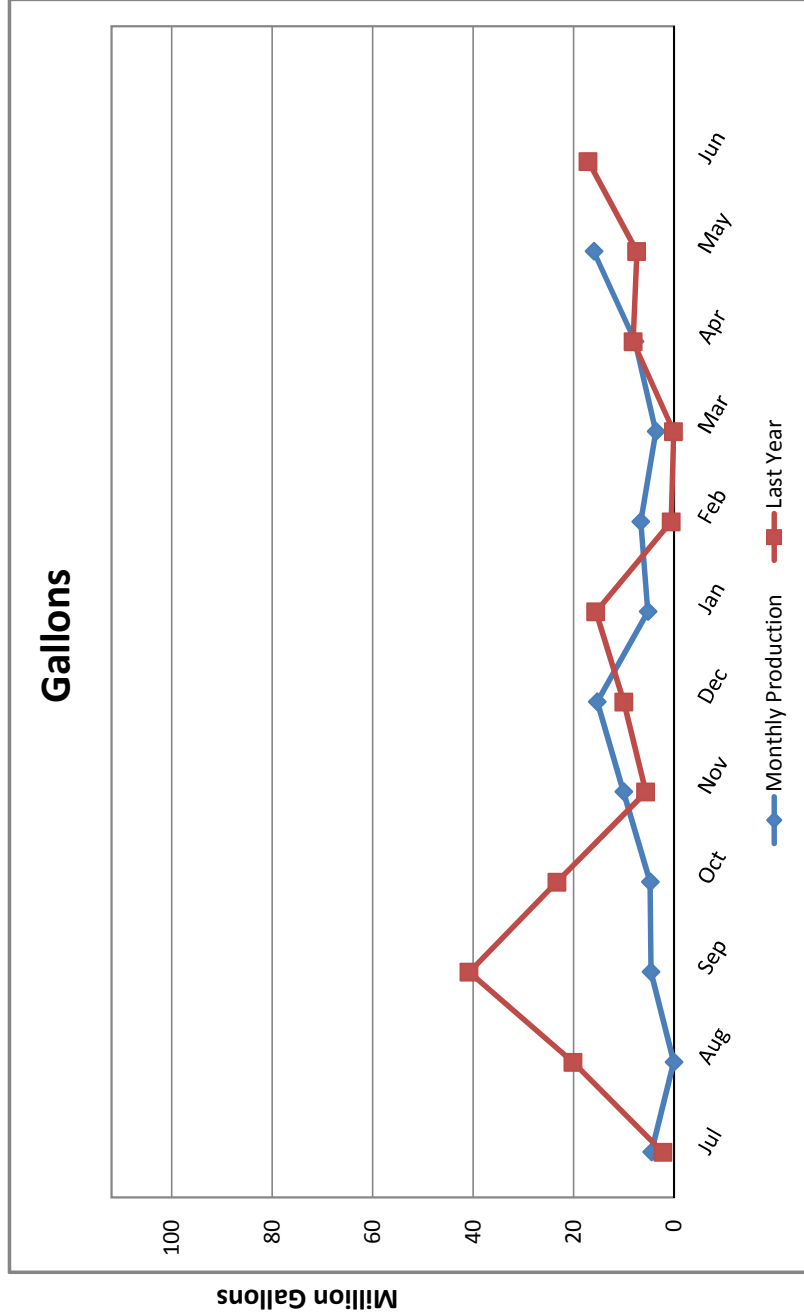
Motor Temp.: 128.1 F
Hour Meter: 163.60
KW Hour Total: 72,960.00
(KWH total is for the entire facility)

Chlorine:

Dosing: 1.68 mg/L
Demand: 0.83 mg/L
Residual: 0.85 mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 3 Mar-Val -- May 2015

Selected Month Production
13,828,000 Gallons

Average GPM: 903

Motor:

Volts: 480
 Volts (Rated): 479
 RPM: 2006
 RPM (Rated): 1954
 Amps A: 88
 Amps A (Rated): 88
 Amps B: 86
 Amps B (Rated): 88
 Amps C: 88
 Amps C (Rated): 88

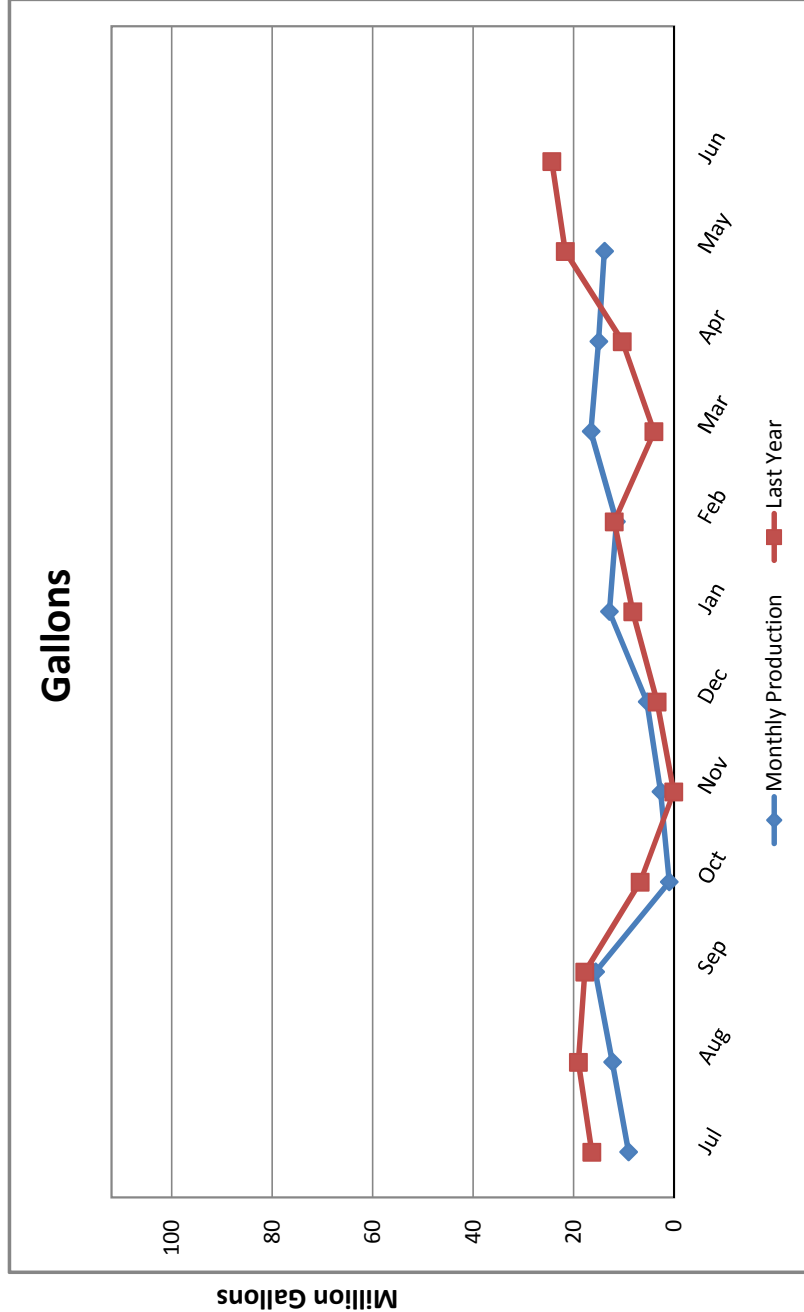
Motor Temp.: 166 F
 Hour Meter: 255.00
 KW Hour Total: 15,632.00

Chlorine:

Dosing: 1.05 mg/L
 Demand: 0.35 mg/L
 Residual: 0.7 mg/L

Vibration Reading:

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





Elk Grove Water District

Monthly Production

Well 8 Williamson -- May 2015

Selected Month Production
39,000 Gallons

Average GPM: 928

Motor:

Volts: 479
 Volts (Rated): 460
 RPM: 2005
 RPM (Rated): 1780
 Amps A: 88
 Amps A (Rated): 87
 Amps B: 89
 Amps B (Rated): 87
 Amps C: 89
 Amps C (Rated): 87

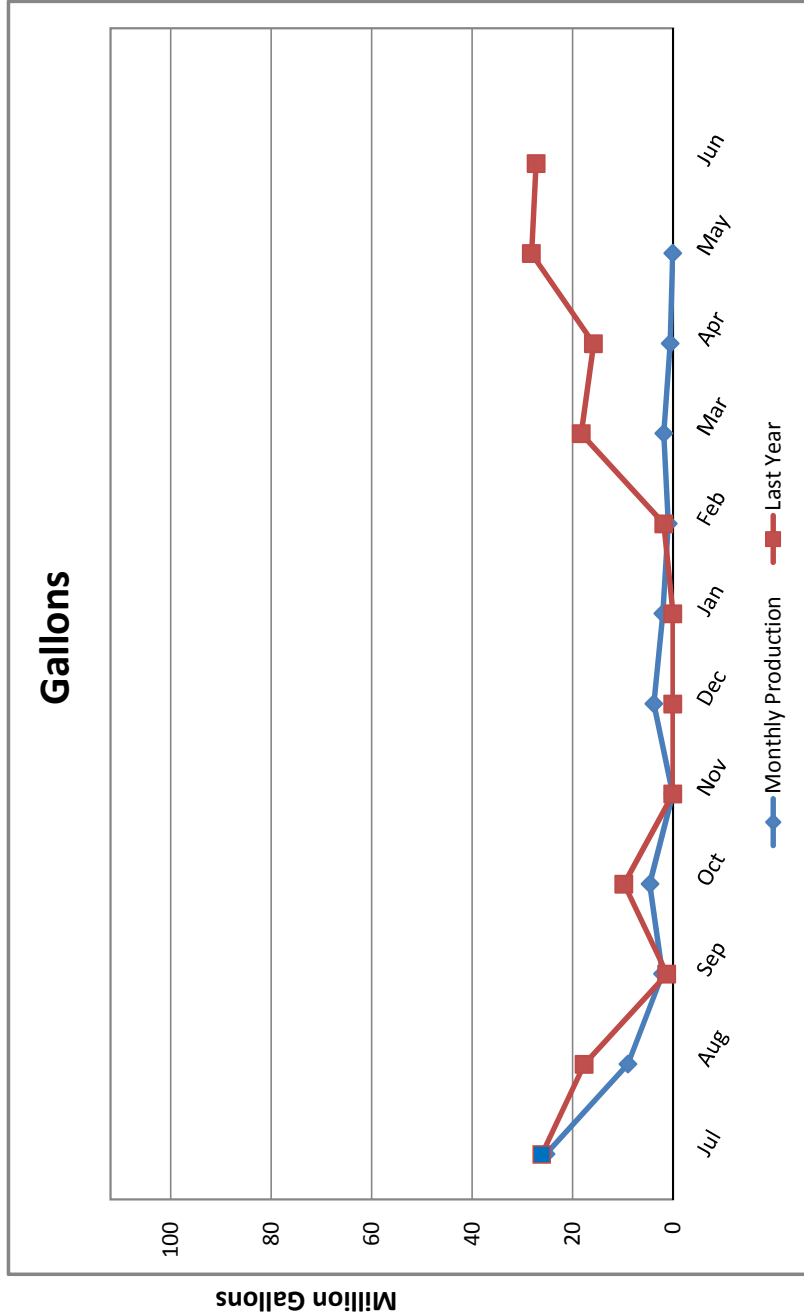
Motor Temp.: 123 F
 Hour Meter: 0.70
 KW Hour Total: 298.00

Chlorine:

Dosing: 1.11 mg/L
 Demand: 0.18 mg/L
 Residual: 0.93 mg/L

Vibration Reading:

Base Line: 0.03 in/sec
 Current: 0.01 in/sec





Elk Grove Water District

Monthly Production

Well 9 Polhemus -- May 2015
(Submersible)

Selected Month Production
21,314,000 Gallons

Average GPM: 477

Motor:

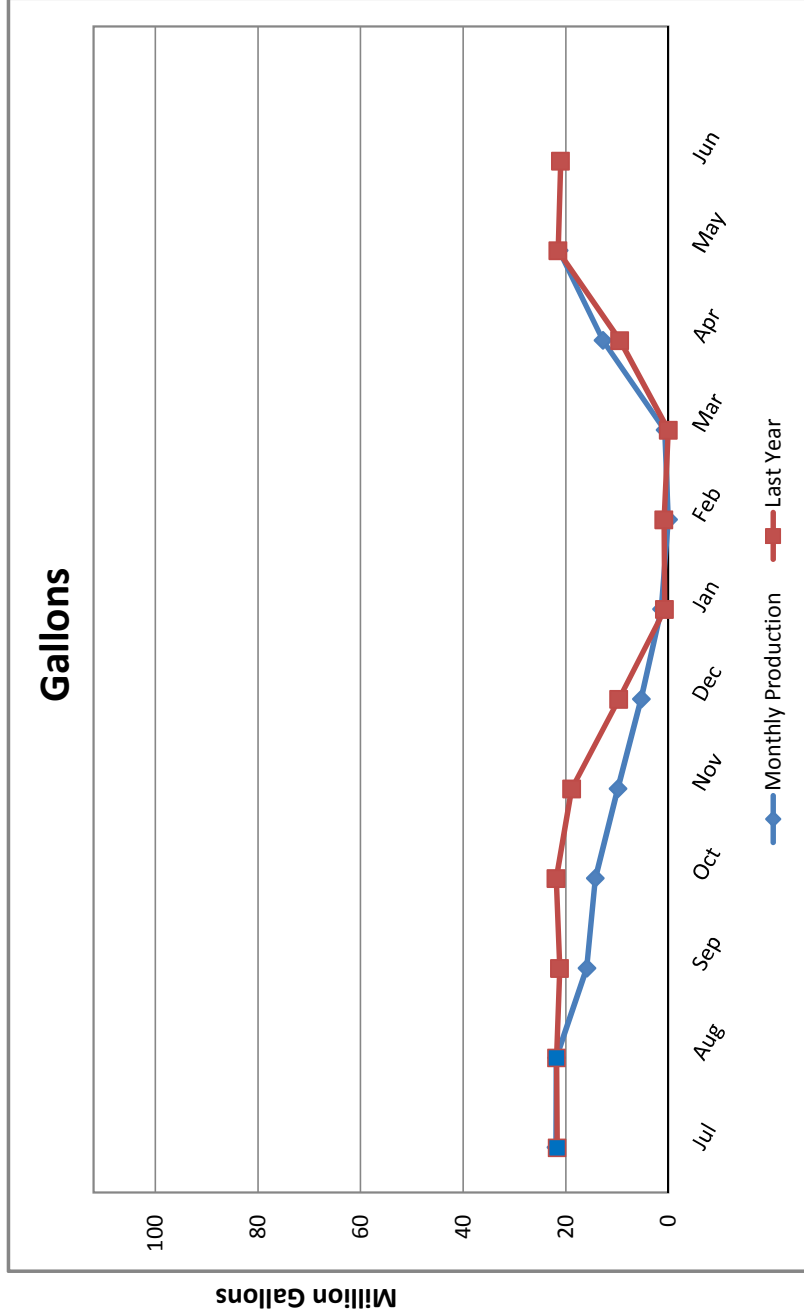
Volts: 477
Volts (Rated): 460

Amps A: 58
Amps A (Rated): 65
Amps B: 57
Amps B (Rated): 65
Amps C: 62
Amps C (Rated): 65

Hour Meter: 744.70
KW Hour Total: 29,301.00

Chlorine:

Dosing: 1.28 mg/L
Demand: 0.43 mg/L
Residual: 0.85 mg/L





Elk Grove Water District

Combined Total Production

Service Area 1

May-2015

Current Month Production:

106,158,389 Gallons

Highest Day Demand of the Month:

4,029,000

Date of Occurrence

26-May-15

Highest Day Demand of the Calendar Year:

4,029,000

Date of Occurrence

26-May-15

"Water Year" Rainfall: (Oct-14 to Sep-15)

Current Month:

0.07 in

Year To Date:

15.34 in

"Water Year" Rainfall: (Oct-13 to Sep-14)

May 2014

0.00 in

Year To Date:

9.20 in

Last Year Total:

9.67 in

Temperature:

This Month High

92 F

This Month Low

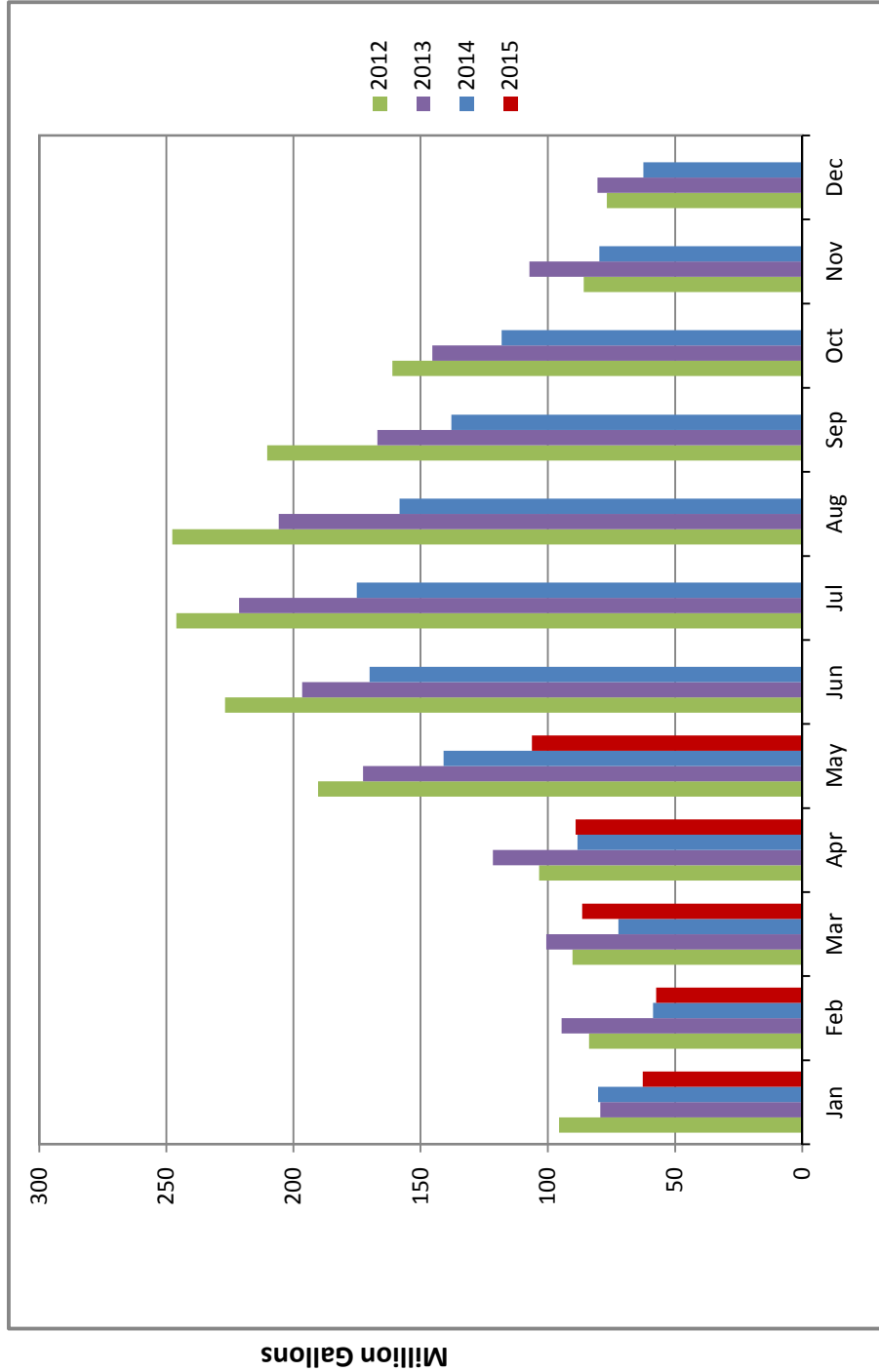
45 F

MAY-14 High

97 F

MAY-14 Low

46 F

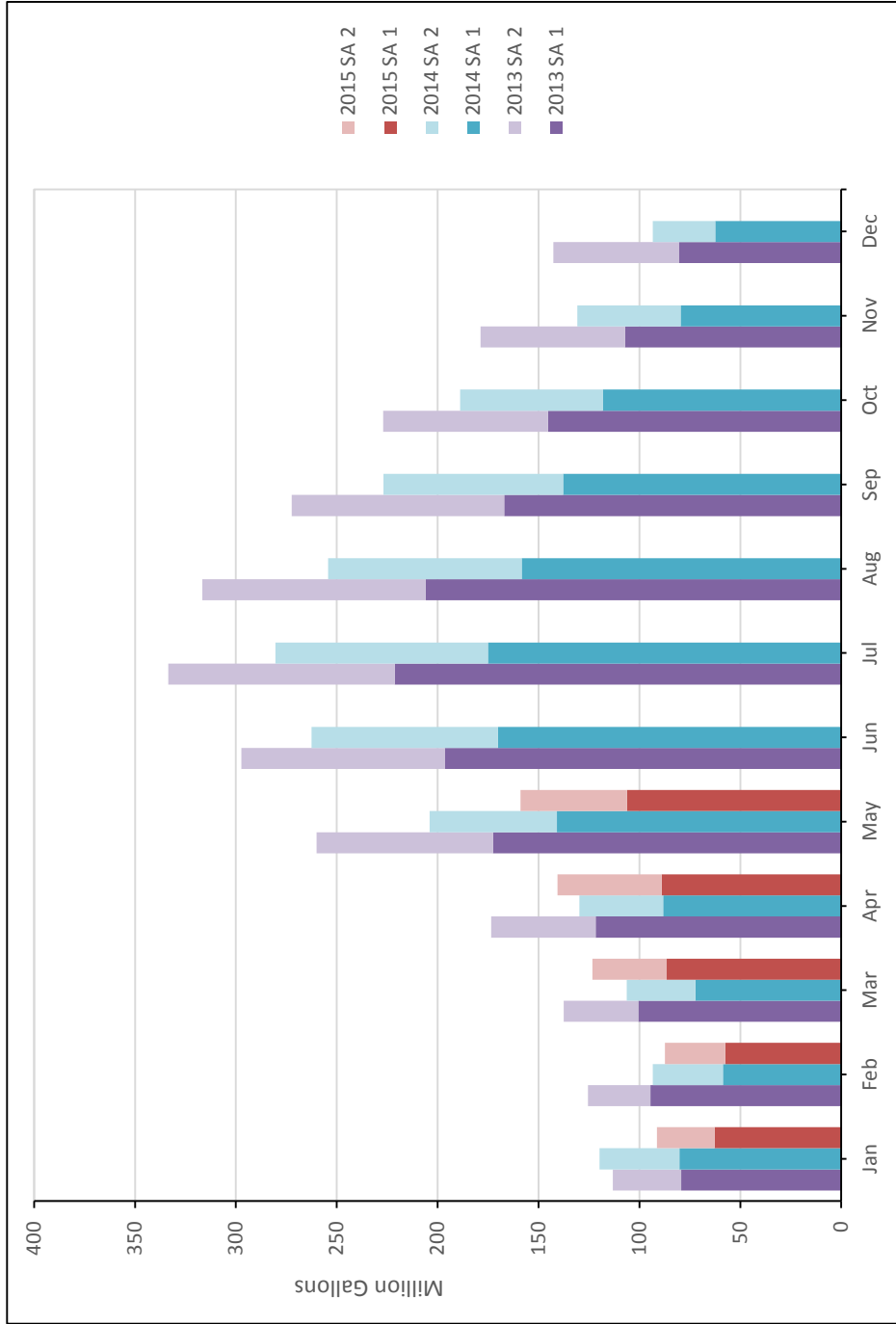




Elk Grove Water District

Total Demand/Production

May-2015



Current Month Demand/Production:
158,892,389 Gallons
Reduction From May 2013: 38.91%
GPCD: 115.8 Gallons per Day
R-GPCD: 92.7 Gallons per Day

Service Area 1
Active Connections: 7,908
Current Month Demand/Production:
106,158,389 Gallons
GPCD: 120.3 Gallons per Day
R-GPCD: 97.4 Gallons per Day

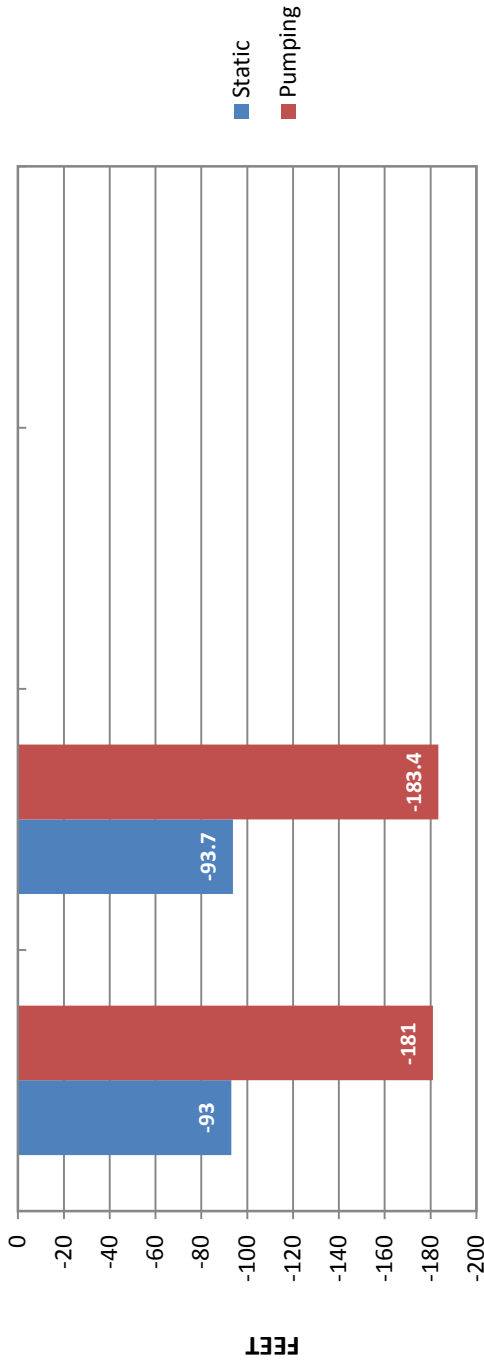
Service Area 2
Active Connections: 4,262
Current Month Demand/Production:
52,734,000 Gallons
GPCD: 107.8 Gallons per Day
R-GPCD: 85.2 Gallons per Day



Elk Grove Water District

Static and Pumping Levels

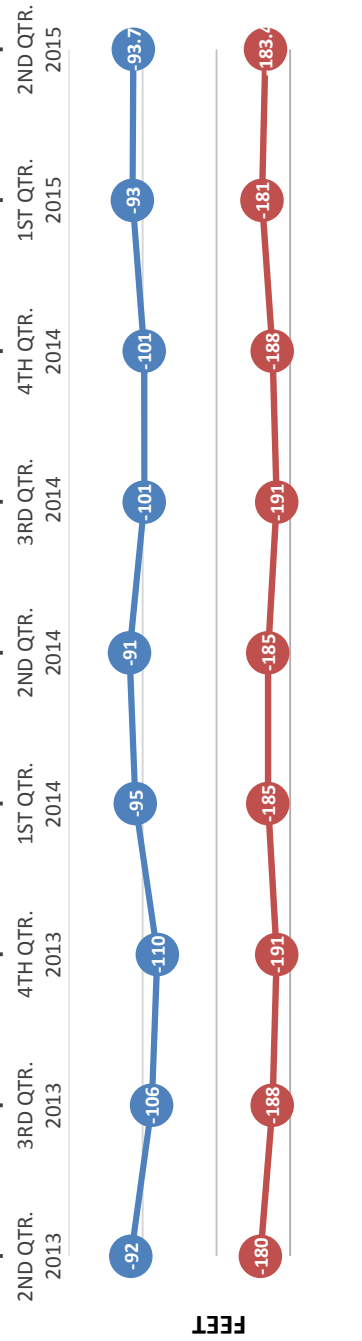
Well 1D School St



Latest Well Sounding

Static: 93.7 Ft
Pumping: 183.4 Ft
Drawdown: 89.7 Ft
GPM: 1,851.00
Specific Capacity: 20.635

Sounding Quarter/Year



Latest Sand Tester Results:

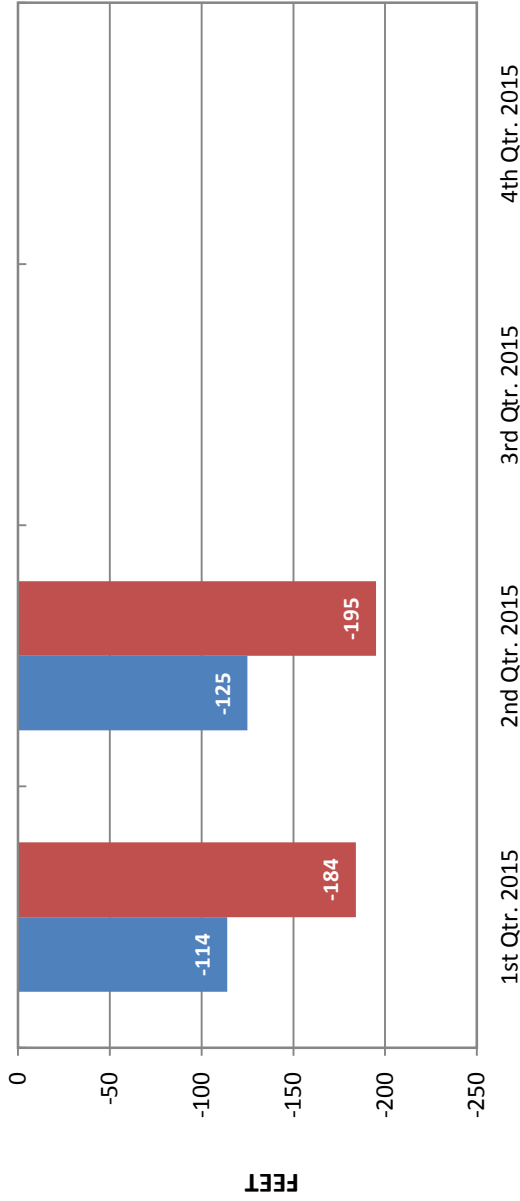
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 4D Webb St

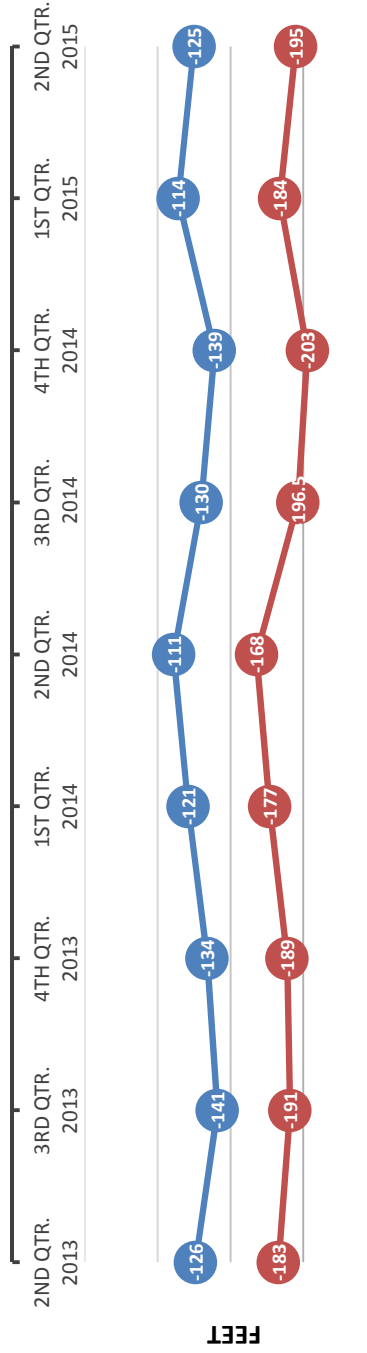


Latest Well Sounding

Static: 125 Ft
 Pumping: 195 Ft
 Drawdown: 70 Ft
 GPM: 1,716.00
 Specific Capacity: 24.514

■ Static
 ■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

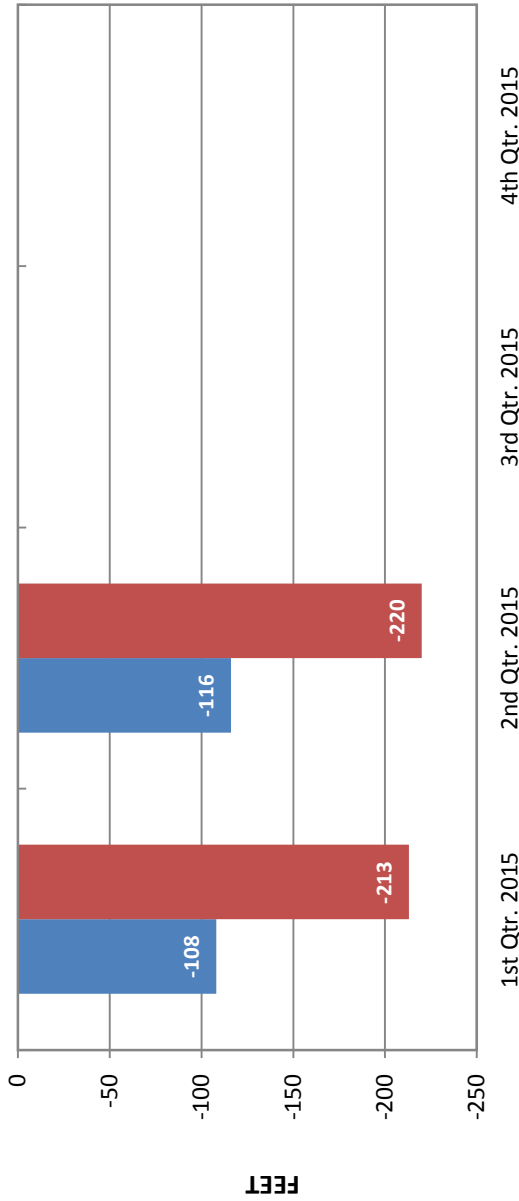
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 11D Dino

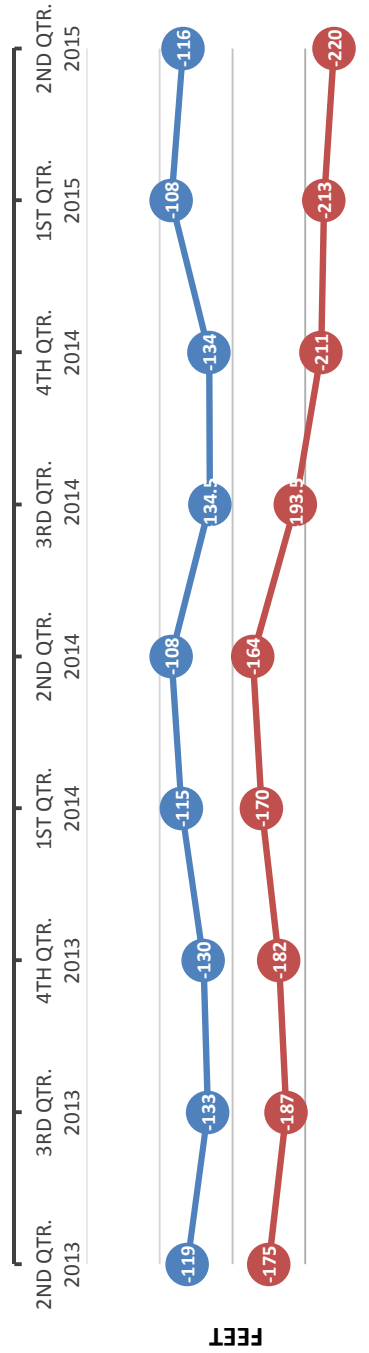


Latest Well Sounding

Static: 116 Ft
Pumping: 220 Ft
Drawdown: 104 Ft
GPM: 1,688.00
Specific Capacity: 16.231

■ Static
■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

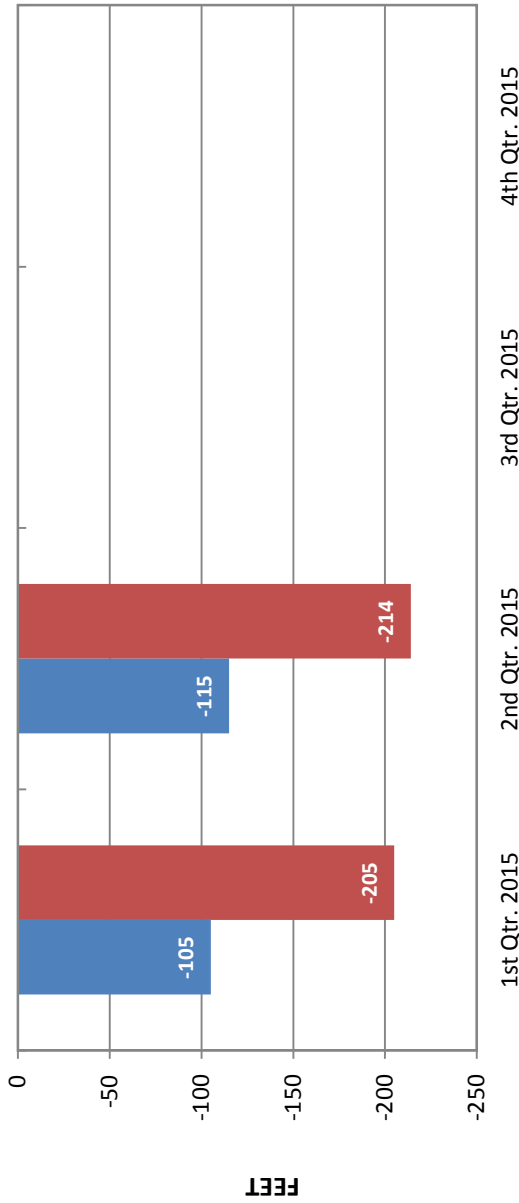
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

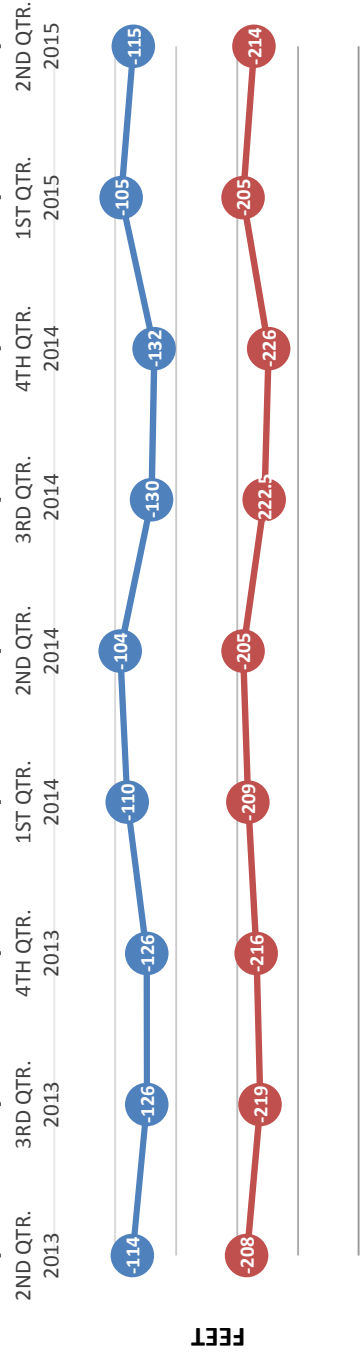
Well 14D Railroad



Latest Well Sounding

Static: 115 Ft
Pumping: 214 Ft
Drawdown: 99 Ft
GPM: 1,608.00
Specific Capacity: 16.242

Sounding Quarter/Year



Latest Sand Tester Results:

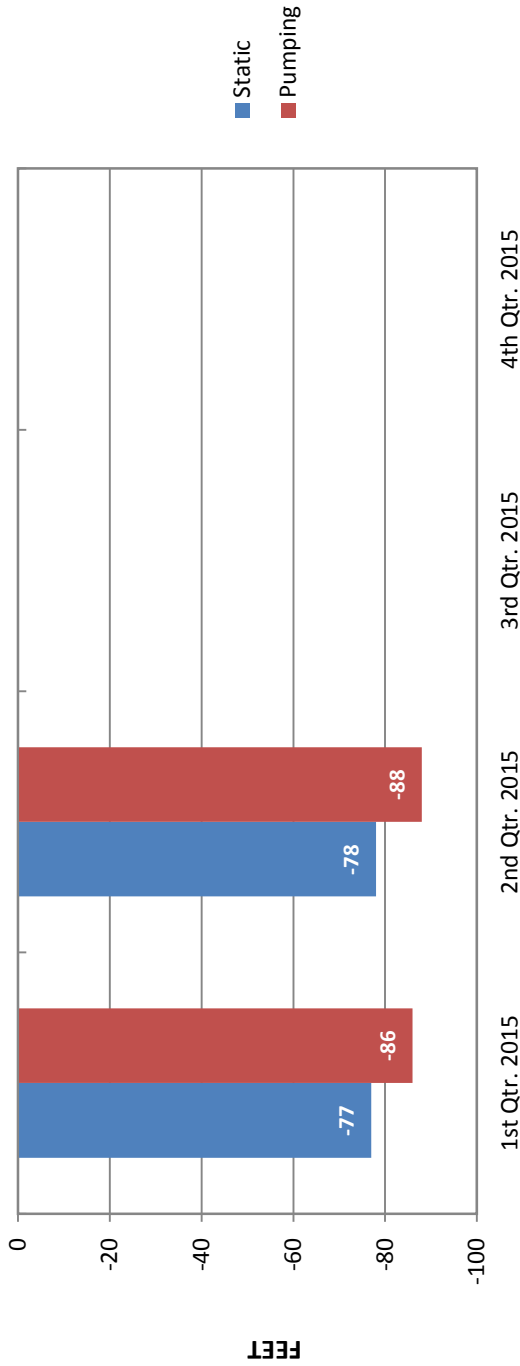
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

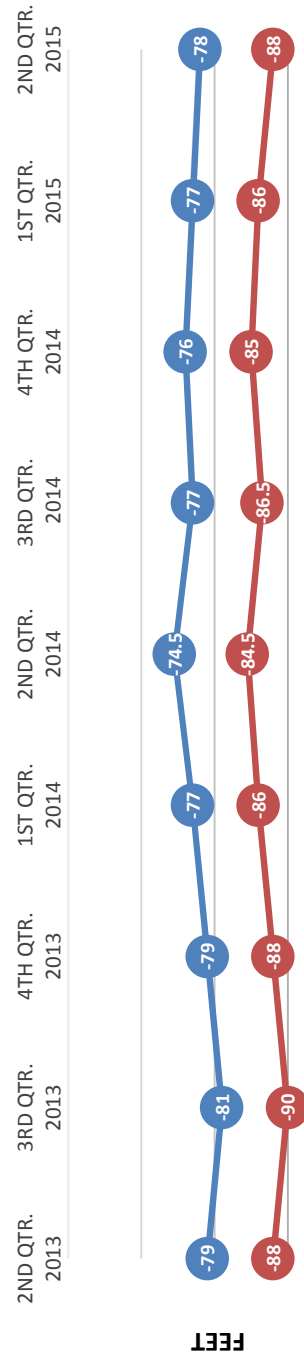
Well 3 Mar-Val



Latest Well Sounding

Static: 78 Ft
 Pumping: 88 Ft
 Drawdown: 10 Ft
 GPM: 890.00
 Specific Capacity: 89.000

Sounding Quarter/Year



Latest Sand Tester Results:

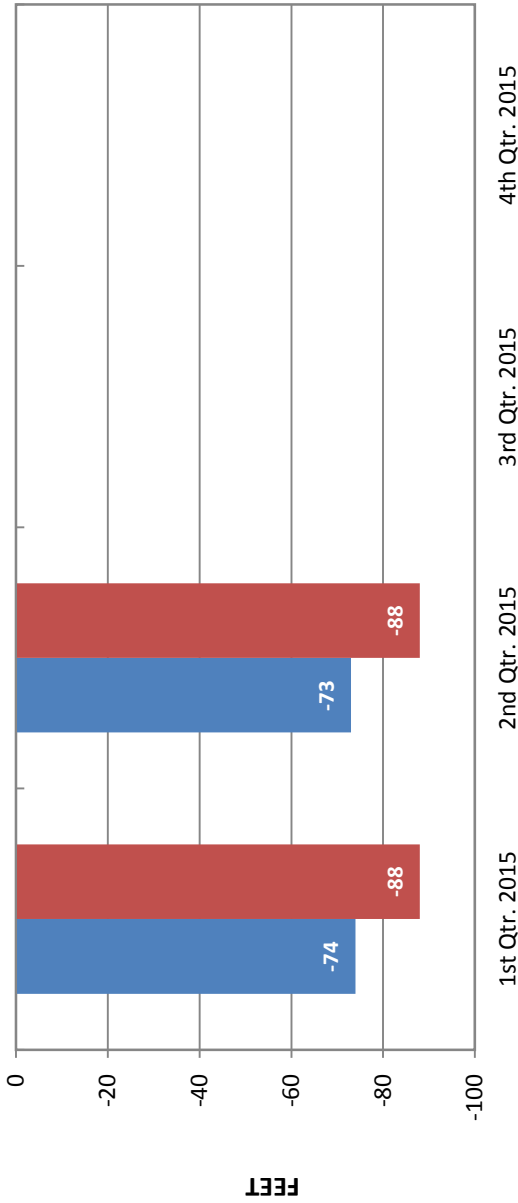
15 Min: 10.5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 8 Williamson

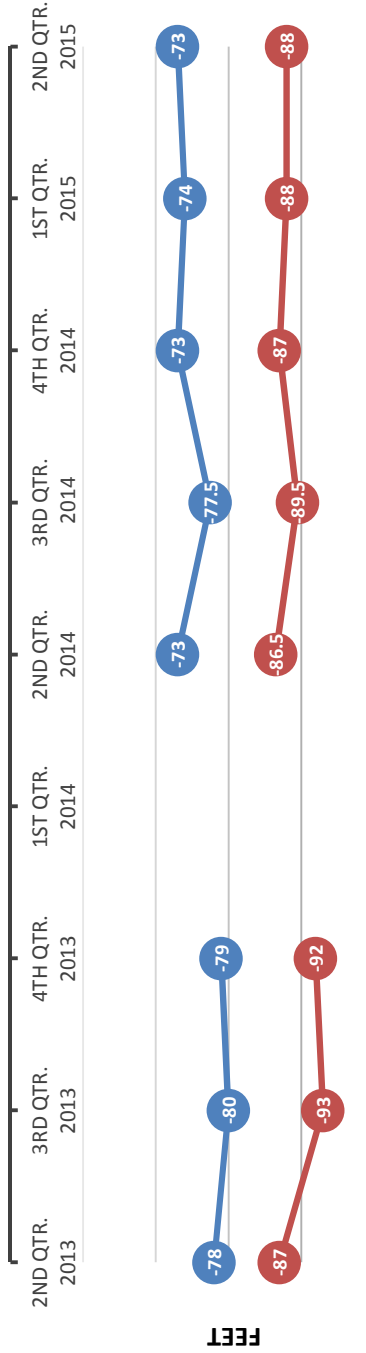


Latest Well Sounding

Static: 73 Ft
 Pumping: 88 Ft
 Drawdown: 15 Ft
 GPM: 800.00
 Specific Capacity: 53.333

■ Static
 ■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

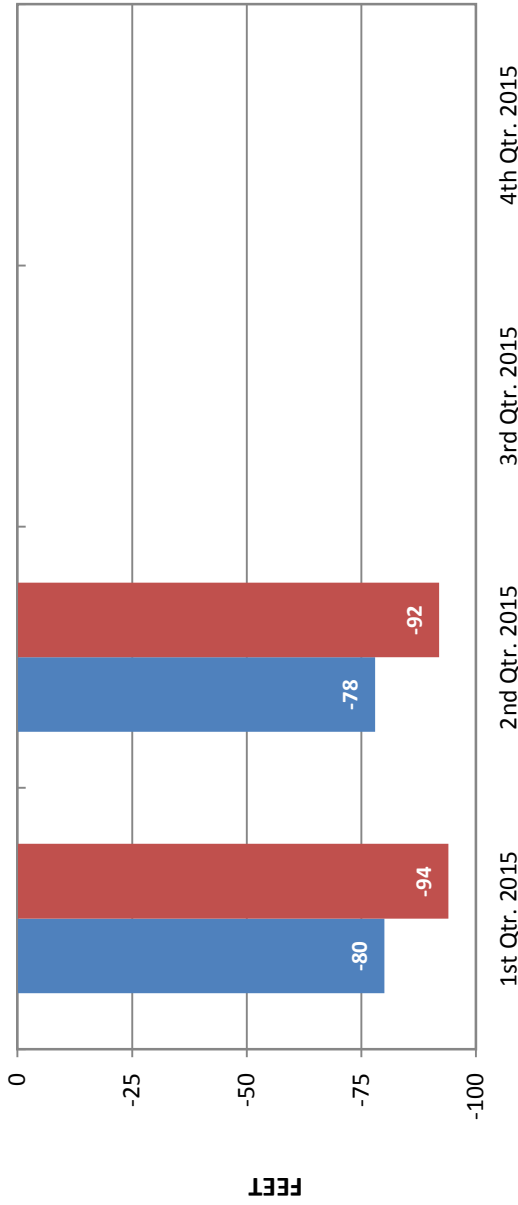
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

Well 9 Polhemus

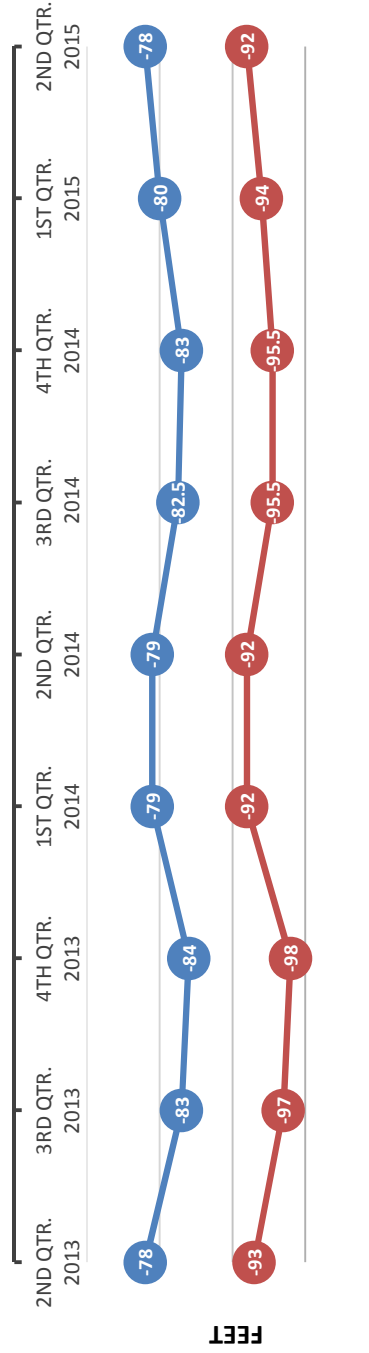


Latest Well Sounding

Static: 78 Ft
 Pumping: 92 Ft
 Drawdown: 14 Ft
 GPM: 460.00
 Specific Capacity: 32.857

■ Static
 ■ Pumping

Sounding Quarter/Year



Latest Sand Tester Results:

15 Min: < 5 ppm

Monthly Sample Report - May, 2015
 Water System: Elk Grove Water System

Colors:
 Black = Scheduled
 Green = Unscheduled
 Red = Incomplete Sample

Monthly Total Yearly Total
 41 258
 33 65
 0 0

Sampling Point: 01 - 8693 W. Camden				
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point
5/5/2015	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden
5/12/2015	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden
5/19/2015	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden
5/26/2015	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden

Sampling Point: 01D School Well - Raw Water				
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point

Sampling Point: 02 - 9425 Emerald Vista				
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point
5/5/2015	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista
5/12/2015	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista
5/19/2015	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista
5/26/2015	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	02 - 9425 Emerald Vista
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	02 - 9431 Emerald Vista
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	02 - 9409 Emerald Vista

Sampling Point: 03 - Mar-Val Well Raw Water				
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point
5/13/2015	Source Water	1 wk - Bacteriological	Resample	03 - Mar-Val Raw Water

Sampling Point: 03 - 8809 Valley Oak				
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point
5/5/2015	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak
5/12/2015	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak
5/19/2015	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak
5/26/2015	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak

Sampling Point: 04D Webb Well - Raw Water				
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point
5/13/2015	Source Water	1 wk - Bacteriological	Resample	04D - Webb Well Raw Water

Sampling Point: 04 - 10122 Glacier Point				
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point
5/5/2015	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point
5/12/2015	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point

5/19/2015	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point	5/19/2015
5/26/2015	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point	5/26/2015

Sampling Point: 05 - 9230 Amsden Ct.

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/5/2015	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	5/5/2015
5/12/2015	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	5/12/2015
5/19/2015	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	5/19/2015
5/26/2015	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	5/26/2015

Sampling Point: 06 - 9227 Rancho Dr.

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/5/2015	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	5/5/2015
5/12/2015	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	5/12/2015
5/19/2015	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	5/19/2015
5/26/2015	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	5/26/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	06 - 9227 Rancho Dr.	5/13/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	06 - 9223 Rancho Dr.	5/13/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	06 - 9234 Rancho Dr.	5/13/2015

Sampling Point: 07 - AI Gates Park Mainline Dr.

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/5/2015	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	5/5/2015
5/12/2015	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	5/12/2015
5/19/2015	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	5/19/2015
5/26/2015	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	5/26/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	07 - AI Gates Park Mainline Dr.	5/13/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	07 - 9374 Mainline Dr.	5/13/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	07 - 9748 Lilac Fields Ct.	5/13/2015

Sampling Point: 08 - Williamson Well Raw Water

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date

Sampling Point: 09 - 9436 Hollow Springs Wy.

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/5/2015	Distribution System	1 wk - Bacteriological	Week	09 - 9436 Hollow Springs Wy.	5/5/2015
5/12/2015	Distribution System	1 wk - Bacteriological	Week	09 - 9436 Hollow Springs Wy.	5/12/2015
5/19/2015	Distribution System	1 wk - Bacteriological	Week	09 - 9436 Hollow Springs Wy.	5/19/2015
5/26/2015	Distribution System	1 wk - Bacteriological	Week	09 - 9436 Hollow Springs Wy.	5/26/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	09 - 9436 Hollow Springs Wy.	5/13/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	09 - 9436 Hollow Springs Wy.	5/13/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	09 - 9436 Hollow Springs Wy.	5/13/2015

Sampling Point: 09 - Polhemus Well Raw Water

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/13/2015	Source Water	1 wk - Bacteriological	Resample	09 - Polhemus Well Raw Water	5/13/2015

Sampling Point: 09 - 8417 Blackman Wy.					
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/5/2015	Distribution System	1 wk - Bacteriological	Week	09 - 8417 Blackman Wy.	5/5/2015
5/12/2015	Distribution System	1 wk - Bacteriological	Week	09 - 8417 Blackman Wy.	5/12/2015
5/19/2015	Distribution System	1 wk - Bacteriological	Week	09 - 8417 Blackman Wy.	5/19/2015
5/26/2015	Distribution System	1 wk - Bacteriological	Week	09 - 8417 Blackman Wy.	5/26/2015

Sampling Point: 10 - 9373 Oreo Ranch Cir.					
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/5/2015	Distribution System	1 wk - Bacteriological	Week	10 - 9373 Oreo Ranch Cir.	5/5/2015
5/12/2015	Distribution System	1 wk - Bacteriological	Week	10 - 9373 Oreo Ranch Cir.	5/12/2015
5/19/2015	Distribution System	1 wk - Bacteriological	Week	10 - 9373 Oreo Ranch Cir.	5/19/2015
5/26/2015	Distribution System	1 wk - Bacteriological	Week	10 - 9373 Oreo Ranch Cir.	5/26/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	10 - 9373 Oreo Ranch Cir.	5/13/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	10 - 9373 Oreo Ranch Cir.	5/13/2015
5/13/2015	Distribution System	1 wk - Bacteriological	Resample	10 - 9373 Oreo Ranch Cir.	5/13/2015

Sampling Point: 11D Dino Well - Raw Water					
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date

Sampling Point: 13 Hampton Well - Raw Water					
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/19/2015	Source Water	Full Title 22	Initial Sample Set	13 - Hampton Well Raw Water	5/19/2015
5/18/2015	Source Water	Bacteriological	Initial Sample Set	13 - Hampton Well Raw Water	5/18/2015
5/19/2015	Source Water	Bacteriological	Initial Sample Set	13 - Hampton Well Raw Water	5/19/2015

Sampling Point: 13 Hampton WTP Effluent					
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/19/2015	Treated Plant Effluent	V.O.C	Initial Sample Set	Hampton WTP Effluent	5/19/2015
5/19/2015	Treated Plant Effluent	Bacteriological	Initial Sample Set	Hampton WTP Effluent	5/19/2015
5/19/2015	Treated Plant Effluent	Bacteriological	Initial Sample Set	Hampton WTP Effluent	5/19/2015

Sampling Point: 13 Hampton WTP Baskwash Tank					
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/21/2015	Treated Water	V.O.C's	Initial Sample Set	Backwash Tank Effluent	5/21/2015
5/21/2015	Treated Water	Bacteriological	Initial Sample Set	Backwash Tank Effluent	5/21/2015
5/21/2015	Treated Water	Bacteriological	Initial Sample Set	Backwash Tank Effluent	5/21/2015

Sampling Point: 14D Railroad Well - Raw Water					
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date

Sampling Point: Railroad WTP Effluent					
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/5/2015	Treated Plant Effluent	1 mo - WTP Eff - Fe,Mn,As Total	Month	Railroad WTP Effluent	5/5/2015

5/5/2015

Treated Plant Effluent

1 mo - WTP Eff - Fe,Mn,As Dissolved

Month

Railroad WTP Effluent

5/5/2015

Sampling Point: Railroad WTP Storage Tanks					
Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
5/13/2015	Treated Water	Bacteriological	Special Samples	Storage Tank #1	5/13/2015
5/13/2015	Treated Water	Bacteriological	Special Samples	Storage Tank #2	5/13/2015

Sampling Point: Special Distribution/Construction Samples					
Collection Due Date	Schedule Class	Schedule Name	Collection Description	Sampling Point	Sample Collected Date
5/12/2015	Distribution System	Bacteriological	Fire Hydrant Replacement	8533 Cherry Crest Ct.	5/12/2015
5/12/2015	Distribution System	Bacteriological	Hampton Bypass and Hydrant Install	Hampton Well 13	5/12/2015
5/29/2015	Distribution System	Bacteriological	Mainline Valve Replacement	10138 Hampton Oak Wy.	5/29/2015



June 8, 2015

State Water Resources Control Board
Division of Drinking Water
Drinking Water Field Operations Branch
P.O. Box 997377, MS 7418
1616 Capitol Avenue
Sacramento, CA 95899-7377

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 2015.

If you have any further questions, you may contact me at 916-687-3155 ext. 102.

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

STEVE SHAW
WATER TREATMENT FOREMAN

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;">2015</p>

	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/ E.coli Positives
1. Routine Samples (see note 1)	<u>40</u>	<u>40</u>	<u>5</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>15</u>	<u>0</u>	<u>0</u>
3. Repeat Samples following Routine Samples that are Total Coliform <i>Positive</i> and Fecal/E.coli Positive (see notes 5 and 6)		<u>15</u>	<u>0</u>	<u>0</u>
4. MCL Computation for Total Coliform Positive Samples				
a. Totals (sum of columns)		<u>55</u>	<u>5</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>12.5</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 type="checkbox"/> Yes		<input checked="" 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>3</u>	<u>0</u>	<u> </u>
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 Foreman</p>	Date <p style="text-align: center; font-size: 1.2em; color: blue;">6/10/2015</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.**

COLIFORM MONITORING WORKSHEET

(COMPLETED FOR POSITIVE ROUTINE SAMPLES, ALL REPEAT SAMPLES, AND ALL TRIGGERED SOURCE SAMPLES)

Report Month May Year 2015

Routine Samples ⁹			Repeat Samples ⁶				Triggered Source Samples ⁸						
TC+ Sample Date	TC+ Sample Site ID	¹² EC/FC Results	Repeat Collection Date	Repeat Sample Site IDs ¹⁰	Coliform Results (Check one box)			Source Sample Date	Groundwater Source(s) Sampled	¹² TC Results	^{11,12} E. coli Results		
					TC-	TC+ BUT FC/EC-	TC+ AND FC/EC+						
5/12/2015	9227 Rancho Dr.	(+ / -)	5/13/2015	9223 Rancho Dr.	x			5/13/2015	Webb St Well (3410008-015)	(+ / -)	(+ / -)		
			5/13/2015	9234 Rancho Dr.	x			5/13/2015	Marval Well (341008-003)	(+ / -)	(+ / -)		
			5/13/2015	9227 Rancho Dr.	x			5/13/2015	Polhemus Well (3410008-009)	(+ / -)	(+ / -)		
			4							(+ / -)	(+ / -)		
5/12/2015	9436 Hollow Springs Wy.	(+ / -)	5/13/2015	9449 Hollow Springs Wy.	x			5/14/2015	East Park Well (W-73)	(+ / -)	(+ / -)		
			5/13/2015	9437 Hollow Springs Wy.	x			5/14/2015	East Elk Grove (W-112)	(+ / -)	(+ / -)		
			5/13/2015	9436 Hollow Springs Wy.	x			5/14/2015	Windsor Downs (W-114)	(+ / -)	(+ / -)		
			4							(+ / -)	(+ / -)		
5/12/2015	Al Gates Park Mainline	(+ / -)	5/13/2015	9374 Mainline Dr.	x			5/14/2015	East Park Well (W-73)	(+ / -)	(+ / -)		
			5/13/2015	9748 Lilac Fields Ct.	x			5/14/2015	East Elk Grove (W-112)	(+ / -)	(+ / -)		
			5/13/2015	Al Gates Mainline	x			5/14/2015	Windsor Downs (W-114)	(+ / -)	(+ / -)		
			4							(+ / -)	(+ / -)		
5/12/2015	9373 Oreo Ranch Cir	(+ / -)	5/13/2015	9368 Oreo Ranch Cir	x			5/14/2015	East Park Well (W-73)	(+ / -)	(+ / -)		
			5/13/2015	9364 Oreo Ranch Cir	x			5/14/2015	East Elk Grove (W-112)	(+ / -)	(+ / -)		
			5/13/2015	9373 Oreo Ranch Cir	x			5/14/2015	Windsor Downs (W-114)	(+ / -)	(+ / -)		
			4							(+ / -)	(+ / -)		
5/12/2015	9425 Emerald Vista	(+ / -)	5/13/2015	9431 Emerald Vista	x			5/13/2015	Webb St Well (3410008-015)	(+ / -)	(+ / -)		
			5/13/2015	9409 Emerald Vista	x			5/13/2015	Marval Well (341008-003)	(+ / -)	(+ / -)		
			5/13/2015	9425 Emerald Vista	x			5/13/2015	Polhemus Well (3410008-009)	(+ / -)	(+ / -)		
			4							(+ / -)	(+ / -)		
		(+ / -)	1							(+ / -)	(+ / -)		
			2								(+ / -)	(+ / -)	
			3									(+ / -)	(+ / -)
			4									(+ / -)	(+ / -)
		(+ / -)	1							(+ / -)	(+ / -)		
			2								(+ / -)	(+ / -)	
			3									(+ / -)	(+ / -)
			4									(+ / -)	(+ / -)
		(+ / -)	1							(+ / -)	(+ / -)		
			2								(+ / -)	(+ / -)	
			3									(+ / -)	(+ / -)
			4									(+ / -)	(+ / -)
		(+ / -)	1							(+ / -)	(+ / -)		
			2								(+ / -)	(+ / -)	
			3									(+ / -)	(+ / -)
			4									(+ / -)	(+ / -)

Comments:

NOTES AND INSTRUCTIONS:

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.
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.**
9. Also include any data for positive samples that occurred in the previous month that led to repeat monitoring occurring in the reporting month. Include location and indicate if the routine sample was either positive or negative for *E. coli* or Fecal Coliforms.
10. For systems serving ≤ 1000 persons that collect one or fewer routine samples per month, a triggered source water sample may be used as the fourth repeat, as noted in an approved plan, if *E. coli* was the indicator used. Show result in GW source column too.
11. The Department recommends using *E. coli* (see note 8). If enterococci or coliphage is used, note which in the comment box below.
12. Circle the appropriate result.

Abbreviations: TC = Total Coliform, FC = Fecal Coliform, EC = *E. coli*



Sacramento Regional County Sanitation District
SRCSO Environmental Laboratory
8521 Laguna Station Road
Elk Grove, CA 95758
Phone: (916) 875-9000 Fax: (916) 875-9069

May 20, 2015

Randy Lightle
Water Resources
Mail: 87-003 (hard copy)
emailto: lightler@saccounty.net (PDF)

RE: Work Order No.: 58598
Project ID: SCWA Special Samples – East Park Well (W-73), East Elk Grove Well (W-112), and Windsor Downs Well (W-114)

Dear Randy Lightle:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, May 14, 2015. Results reported herein conform to the most current ELAP standards, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Leonora Abellanosa
Program Coordinator
abellanosal@sacsewer.com

Amy Saylor
QA Officer

Srividhya Ramamoorthy
Lab Manager

Cc: Sarah Grant, Water Resources, MSA, emailto: grantsa@saccounty.net (PDF)
Aaron Wyley, Water Resources, MSA, emailto: wyleya@saccounty.net (PDF)
Keith Hall, Water Resources, MSA, emailto: hallke@saccounty.net (PDF)
James Sacayanan, Water Resources, MSA, emailto: sacayananj@saccounty.net (PDF)

REPORT OF LABORATORY ANALYSIS

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Sacramento Regional County Sanitation District
SRCSD Environmental Laboratory
8521 Laguna Station Road
Elk Grove, CA 95758
Phone: (916) 875-9000 Fax: (916) 875-9069

SAMPLE SUMMARY

Work Order No: 58598

Project ID: SCWA Special Samples – East Park Well (W-73), East Elk Grove Well (W-112), and Windsor Downs Well (W-114)

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1505140042	East Park (W-73)	Drinking Water	05/14/2015 07:52	05/14/2015 08:53
1505140043	East Elk Grove (W-112)	Drinking Water	05/14/2015 08:18	05/14/2015 08:53
1505140044	Windsor Downs (W-114)	Drinking Water	05/14/2015 08:05	05/14/2015 08:53

REPORT OF LABORATORY ANALYSIS

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Sacramento Regional County Sanitation District
 SRCS D Environmental Laboratory
 8521 Laguna Station Road
 Elk Grove, CA 95758
 Phone: (916) 875-9000 Fax: (916) 875-9069

ANALYTICAL RESULTS

Work Order No: 58598
 Project ID: SCWA Special Samples – East Park Well (W-73), East Elk Grove Well (W-112), and Windsor Downs Well (W-114)

Lab ID: 1505140042 Date Collected: 5/14/2015 07:52 Matrix: Drinking Water
 Sample ID: East Park (W-73) Date Received: 5/14/2015 08:53

Parameter	Method	Results	Units	DF	RL	MDL	Analyzed	By
<u>BIOLOGICAL</u>								
E.COLI,Present/Absent	SM 9223	ABSENT		1	NA	NA	05/14/2015	JTA
T.COLI,Present/Absent	SM 9223	ABSENT		1	NA	NA	05/14/2015	JTA

Lab ID: 1505140043 Date Collected: 5/14/2015 08:18 Matrix: Drinking Water
 Sample ID: East Elk Grove (W-112) Date Received: 5/14/2015 08:53

Parameter	Method	Results	Units	DF	RL	MDL	Analyzed	By
<u>BIOLOGICAL</u>								
E.COLI,Present/Absent	SM 9223	ABSENT		1	NA	NA	05/14/2015	JTA
T.COLI,Present/Absent	SM 9223	ABSENT		1	NA	NA	05/14/2015	JTA

Lab ID: 1505140044 Date Collected: 5/14/2015 08:05 Matrix: Drinking Water
 Sample ID: Windsor Downs (W-114) Date Received: 5/14/2015 08:53

Parameter	Method	Results	Units	DF	RL	MDL	Analyzed	By
<u>BIOLOGICAL</u>								
E.COLI,Present/Absent	SM 9223	ABSENT		1	NA	NA	05/14/2015	JTA
T.COLI,Present/Absent	SM 9223	ABSENT		1	NA	NA	05/14/2015	JTA

REPORT OF LABORATORY ANALYSIS

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SRCSD Environmental Laboratory
8521 Laguna Station Road
Elk Grove, CA 95758
Phone: (916) 875-9000 Fax: (916) 875-9069

ANALYTICAL RESULTS QUALIFIERS

Work Order No: 58598
Project ID: SCWA Special Samples – East Park Well (W-73), East Elk Grove Well (W-112), and Windsor Downs Well (W-114)

PARAMETER QUALIFIERS

J - The analytical result is below RL but above MDL.

MDL - Method Detection Limit defined in 40 CFR, Sect. 136, Appendix B.

ND - Non Detect - Analyte not detected above the MDL or, in the absence of a MDL, above the RL.

RL - Reporting limit is the quantitation limit at which the laboratory is able to detect an analyte with a certain degree of confidence. Generally, this represents the parameter's lowest calibration point. This can also define the customer's requirement.

(S) - Surrogates

DF - Dilution Factor

NA - Not Applicable

VS and VSS results reported as percentages of TS and TSS.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Sacramento Regional County Sanitation District. ELAP Certification #1100



Sacramento Regional County Sanitation District
SRCSD Environmental Laboratory
8521 Laguna Station Road
Elk Grove, CA 95758
Phone: (916) 875-9000 Fax: (916) 875-9069

QUALITY CONTROL DATA QUALIFIERS

Work Order No: 58598
Project ID: SCWA Special Samples – East Park Well (W-73), East Elk Grove Well (W-112), and Windsor Downs Well (W-114)

QUALITY CONTROL PARAMETER QUALIFIERS

Result Qualifiers: These descriptors are used to help identify the specific QC samples and clarify the report.

MB - Method Blank

LCS - Laboratory Control Standard

DUP - Duplicate of Original Sample Matrix

MS/MSD - Matrix Spike/Matrix Spike Duplicate

RPD -Relative Percent Difference

% Rec - Spike Recovery stated as a percentage

QC - Total QC applies to total recoverable

REPORT OF LABORATORY ANALYSIS

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new special samples

2920



REGIONALSAN
Sacramento Regional County
Sanitation District

SRCSD ENVIRONMENTAL LABORATORY
8521 LAGUNA STATION ROAD, ELK GROVE, CA 95758
(916) 875-9000 FAX (916) 875-9069

California DHS ELAP
Certification #1100

CHAIN-OF-CUSTODY RECORD

*Prof 37799
37094 8/5/15*

Customer Name	Sacramento County Water Resources		<input type="checkbox"/> Hazardous Waste	PO#	
Customer Address	10151 Florin Road, Sacramento, CA 95829		<input type="checkbox"/> Unknown Material	WO#	
Customer Phone #	R. Lightle-916-261-1767	Mail Code: 87-003 <i>part 100 ps</i>	Turnaround Requirement		
Program Name	Bac't Water Samples - Contributing sources-EGWD <i>Raw water</i>		<input type="checkbox"/> Normal (21 Days)		
Lab Program Coord.	<i>L. Abdellatif</i>	Phone #	<input checked="" type="checkbox"/> Rush:		
Sampled By	<i>Marcelino Sanchez</i>		<input type="checkbox"/> Other:		

LIMS # (Lab Issued) <th rowspan="2">Date <th colspan="2">SAMPLE COLLECTION INFORMATION</th> <th rowspan="2">Sample Location(s) <th rowspan="2">Field pH <th rowspan="2">Field Temp <th rowspan="2"># Containers <th rowspan="2">Matrix* <th colspan="2">Analyses Requested</th> <th rowspan="2">QA/QC Requirements</th> <th rowspan="2">Remarks/Notes</th> </th></th></th></th></th></th>	Date <th colspan="2">SAMPLE COLLECTION INFORMATION</th> <th rowspan="2">Sample Location(s) <th rowspan="2">Field pH <th rowspan="2">Field Temp <th rowspan="2"># Containers <th rowspan="2">Matrix* <th colspan="2">Analyses Requested</th> <th rowspan="2">QA/QC Requirements</th> <th rowspan="2">Remarks/Notes</th> </th></th></th></th></th>	SAMPLE COLLECTION INFORMATION		Sample Location(s) <th rowspan="2">Field pH <th rowspan="2">Field Temp <th rowspan="2"># Containers <th rowspan="2">Matrix* <th colspan="2">Analyses Requested</th> <th rowspan="2">QA/QC Requirements</th> <th rowspan="2">Remarks/Notes</th> </th></th></th></th>	Field pH <th rowspan="2">Field Temp <th rowspan="2"># Containers <th rowspan="2">Matrix* <th colspan="2">Analyses Requested</th> <th rowspan="2">QA/QC Requirements</th> <th rowspan="2">Remarks/Notes</th> </th></th></th>	Field Temp <th rowspan="2"># Containers <th rowspan="2">Matrix* <th colspan="2">Analyses Requested</th> <th rowspan="2">QA/QC Requirements</th> <th rowspan="2">Remarks/Notes</th> </th></th>	# Containers <th rowspan="2">Matrix* <th colspan="2">Analyses Requested</th> <th rowspan="2">QA/QC Requirements</th> <th rowspan="2">Remarks/Notes</th> </th>	Matrix* <th colspan="2">Analyses Requested</th> <th rowspan="2">QA/QC Requirements</th> <th rowspan="2">Remarks/Notes</th>	Analyses Requested		QA/QC Requirements	Remarks/Notes
		Type	Time						E. Coli	Total Coli		
150514042	5/14/15	Grab	0752	East Park Well (W-73)					<input checked="" type="checkbox"/>	<input type="checkbox"/>		C12 Res <i>Rgw. 0.00</i>
150514043	5/14/15	Composite	0818	Waterman-Ranch-Well (W-77) <i>de</i>					<input checked="" type="checkbox"/>	<input type="checkbox"/>		C12 Res <i>well out of service</i>
150514044	5/14/15	Grab	0805	East Elk Grove Well (W-112)					<input checked="" type="checkbox"/>	<input type="checkbox"/>		C12 Res <i>Rgw. 0.00</i>
		Grab		Windsor Downs Well (W-114)					<input checked="" type="checkbox"/>	<input type="checkbox"/>		C12 Res <i>Rgw. 0.00</i>
		Composite							<input type="checkbox"/>	<input type="checkbox"/>		
		Composite							<input type="checkbox"/>	<input type="checkbox"/>		
		Composite							<input type="checkbox"/>	<input type="checkbox"/>		
		Composite							<input type="checkbox"/>	<input type="checkbox"/>		
		Composite							<input type="checkbox"/>	<input type="checkbox"/>		
		Composite							<input type="checkbox"/>	<input type="checkbox"/>		
		Composite							<input type="checkbox"/>	<input type="checkbox"/>		

*Matrix: P = Potable Water; W = Wastewater; A = Ambient Water; G = Groundwater; S = Soil; B = Biosolids; I = Industrial; O = Other (specify in remarks)

Relinquished By	<i>Marcelino Sanchez</i>	Date	5/14/15	Time	0853
Relinquished To	<i>Blair Jax</i>	Date	5/14/15	Time	0853

Laboratory Section - Sample Receiving/Disposition Documentation

Container intact Yes No Correct container Yes No Field preserved Yes No Custody tape intact N/A Yes No

Cooled Yes No Temp. Blank Yes No (°C) Preserved upon receipt N/A Yes

Comments: Lab bench *W/O* Ice Chest Walk-in Cooler Shelf # Disposal date: Disposed by (init.)

Sample Distribution: Lab Admin File Proj./Proj. Mgr. Lab Prog. Coord. Delivery Courier Pick-Up Courier

C-O-C Distribution Date: 5/14/15 By: *ccp*



June 4, 2015

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 2015.

If you have any further questions, you may contact me at 916-687-3155 ext. 102.

A handwritten signature in blue ink, appearing to read "Steve Shaw".

STEVE SHAW
WATER TREATMENT FOREMAN



COMPLIANCE REPORT FORM

Attn: Nicole Sears	Wastewater Source Control Section
Phone # (916) 876-7378	Fax # (916) 876-6374
From: Steve Shaw	
Company: Elk Grove Water Service	Permit# WTP010

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

Month:	5	Year:	2015
--------	---	-------	------

<input checked="" type="checkbox"/> Water use/flow meter report <input type="checkbox"/> Monitoring results/analytical report	Railroad WTP: <input style="width: 50px;" type="text" value="0"/> Hampton WTP: <input style="width: 50px;" type="text" value="0"/> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 20%; text-align: center;">Date</td> <td style="width: 20%; text-align: center;">Time</td> <td style="width: 30%; text-align: center;">pH</td> </tr> <tr> <td>Hampton WTP</td> <td><input style="width: 50px;" type="text"/></td> <td><input style="width: 50px;" type="text"/></td> <td><input style="width: 50px;" type="text"/></td> </tr> <tr> <td>Railroad WTP</td> <td><input style="width: 50px;" type="text"/></td> <td><input style="width: 50px;" type="text"/></td> <td><input style="width: 50px;" type="text"/></td> </tr> </table>		Date	Time	pH	Hampton WTP	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	Railroad WTP	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
	Date	Time	pH										
Hampton WTP	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>										
Railroad WTP	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>										

Discharge Rate

Check the statement below that applies to this report:

- Based on a review of this facilities 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	<input style="width: 50px;" type="text" value="2"/>	<input style="width: 50px;" type="text" value="18"/>	<input style="width: 50px;" type="text" value="25"/>	<input style="width: 50px;" type="text" value="900"/>
Office	<input style="width: 50px;" type="text" value="3"/>	<input style="width: 50px;" type="text" value="18"/>	<input style="width: 50px;" type="text" value="20"/>	<input style="width: 50px;" type="text" value="1080"/>
Drivers/Field	<input style="width: 50px;" type="text" value="17"/>	<input style="width: 50px;" type="text" value="18"/>	<input style="width: 50px;" type="text" value="5"/>	<input style="width: 50px;" type="text" value="1530"/>
			Total	<input style="width: 50px;" type="text" value="3510"/>

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:

(Name) (Title)

DATE:



Date: 5/2015

Operator	Date	Waste Meter	Gallons
wquintero@egws.lan	5/1/2015 8:20:00 AM	10664688	0
shinton@egws.lan	5/2/2015 10:14:00 AM	10664688	0
shinton@egws.lan	5/3/2015 10:17:00 AM	10664688	0
bwagner@egws.lan	5/4/2015 9:20:00 AM	10664688	0
bwagner@egws.lan	5/5/2015 8:25:00 AM	10664688	0
bwagner@egws.lan	5/6/2015 8:18:00 AM	10664688	0
bwagner@egws.lan	5/7/2015 8:15:00 AM	10664688	0
mmontiel@egws.lan	5/8/2015 7:35:00 AM	10664688	0
jcarrillo@egws.lan	5/9/2015 8:00:00 AM	10664688	0
mmontiel@egws.lan	5/10/2015 7:39:00 AM	10664688	0
wquintero@egws.lan	5/11/2015 8:35:00 AM	10664688	0
bwagner@egws.lan	5/12/2015 8:15:00 AM	10664688	0
wquintero@egws.lan	5/13/2015 8:05:00 AM	10664688	0
wquintero@egws.lan	5/14/2015 7:45:00 AM	10664688	0
wquintero@egws.lan	5/15/2015 8:10:00 AM	10664688	0
jcarrillo@egws.lan	5/16/2015 8:00:00 AM	10664688	0
jcarrillo@egws.lan	5/17/2015 8:00:00 AM	10664688	0
wquintero@egws.lan	5/18/2015 8:40:00 AM	10664688	0
ahewitt@egws.lan	5/19/2015 8:20:00 AM	10664688	0
wquintero@egws.lan	5/20/2015 8:10:00 AM	10664688	0
wquintero@egws.lan	5/21/2015 8:20:00 AM	10664688	0
aaragon	5/22/2015 8:20:00 AM	10664688	0
aaragon	5/23/2015 8:20:00 AM	10664688	0
aaragon	5/24/2015 8:20:00 AM	10664688	0
aaragon	5/25/2015 8:20:00 AM	10664688	0
wquintero@egws.lan	5/26/2015 8:20:00 AM	10664688	0
wquintero@egws.lan	5/27/2015 9:20:00 AM	10664688	0
wquintero@egws.lan	5/28/2015 8:40:00 AM	10664688	0
wquintero@egws.lan	5/29/2015 9:45:00 AM	10664688	0
bwagner@egws.lan	5/30/2015 8:25:00 AM	10664688	0
bwagner@egws.lan	5/31/2015 8:05:00 AM	10664688	0

Grand Total

0

Elk Grove Water District

Preventative Maintenance Program

M.C.C. and Lab

Item	Quarterly				Annual	
	Refer.	1st	2nd	3rd	Refer.	2015
Fume Hood	Sect: 1.1.1	AH 3/31/15 12205			Sect: 1.2.3	
Dulco-meter	Sect: 1.1.2	AH 2/25/15 12205			Sect: 1.2.1	
M.C.C.						
Circuit Breaker					Sect: 1.2.2	
C12 DPD Handheld	Sect: 1.1.3	WQ 2/23/15 12205				

Year: 2015

Elk Grove Water District

Preventative Maintenance Program

Backwash System and Storage Tanks

Item	MONTHLY												Semi-annual		Annu./Bi-annu.		
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	2015	Periodic	
Mag meter														Sect: 2.3.2			
MCC														Sect: TBD			
Pressure Transducer														Sect: 2.2.1			
Backwash Tank														Sect: 2.3.4			
Return Pumps	Sect: TBD	AH 1/15/15 11842	WQ 2/24/15 12210	AH 3/23/15 12302	AH 4/27/15 12520	WQ 5/27/15 12603								Sect: TBD			
Storage Tanks														Sect: 2.4.1			
Bray Valves														Sect: 2.2.2			

Year: 2015

Elk Grove Water District

Preventative Maintenance Program

Booster Pumps

Item	Monthly												Semi-annual		Annual				
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	2015	Refer.	2015		
Electric Motor	Initials	AH	WQ	AH	AH	WQ								Sect: 3.1.1	11846	Sect: 3.2.1	2ND 6-MO.	2ND 6-MO.	
	Date	1/15/15	2/10/15	3/23/15	4/27/15	5/19/15													
	W.O. #	11846	2196	12303	12519	12605													
PUMP	Initials	AH	WQ	AH	AH	WQ								Sect: 3.1.2	11846	Sect: 3.2.4	2ND 6-MO.	2ND 6-MO.	
	Date	1/15/15	2/10/15	3/23/15	4/27/15	5/19/15													
	W.O. #	11846	12196	12303	12519	12605													
A.R.V.	Initials													Sect: 3.3.1	WQ	Sect: 3.3.1	WQ/AH	2/20/15	12203
	Date																		
	W.O. #																		
Rising Stem Valve	Initials													Sect: 3.3.3	WQ/AH	Sect: 3.3.3	WQ/AH	3/30/15	12203
	Date																		
	W.O. #																		

Year: 2015

Elk Grove Water District

Preventative Maintenance Program

Clor-Tec System

Item	Monthly												Quarterly				Annual			
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1st	2nd		3rd	4th	Refer.
Cl2 Meter System	Initials	WQ	WQ	WQ	WQ	WQ													4.4.1	
	Date	1/13/15	2/5/15	3/11/15	4/16/15	5/27/15														
	W.O. #	11624	12190	12294	12517	12607														
Exhaust Fan	Initials																		4.3.1	
	Date														WQ					
	W.O. #														2/25/15					
Hydrogen Blow/Det.	Initials																		4.2/4.3	
	Date																			
	W.O. #																			
Cell and Electrode	Initials																		4.3.2	
	Date																			
	W.O. #														WQ					
Hypo/Brine Tank	Initials																		4.4.5	
	Date																			
	W.O. #																			
Water Softener	Initials																		4.4.6	
	Date																			
	W.O. #																			
Rectifier	Initials																		4.4.4	
	Date																			
	W.O. #																			

Year: 2015

Elk Grove Water District

Preventative Maintenance Program

Filter Vessels

Item	Monthly												Semi-annual		Annual	
	Refer	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer:	2015	
Air/Vac Valves	Initials Date W.O. #													Refer: 5.2.1		
Bray Valves	Initials Date W.O. #													Refer: 5.2.2		
CLA-VAL	Initials Date W.O. #													Refer: 5.3.1		
Pilot Valves	Initials Date W.O. #	AH 1/15/15 11845	AH/WQ 2/9/15 12194	AH/WQ 3/18/15 12299	AH 4/27/15 12508	WQ 5/18/15 12606								Refer: 5.3.2		
Press. Diff. Trnsdcr.	Initials Date W.O. #													Refer: 5.3.3		
Vessels	Initials Date W.O. #													Refer: 5.3.4		

Year: 2015

Elk Grove Water District

Preventative Maintenance Program

Standby Generator

Item	Monthly												Semi-annual		Annual/Biannual				
	Refer	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer	2015	Periodic			
Fuel Tank	Initials	WQ	WQ	AH	WQ	WQ								Sect: 6.1.1	Sect: 6.3.1				
	Date	1/8/15	2/6/15	3/30/15	5/1/15	5/27/15													
	W.O. #	11550	12192	12311	12501	12604													
Radiator	Initials													Sect: 6.2.1	Sect: 6.3.2/6.4.1				
	Date																		
	W.O. #																		
Battery/Charger	Initials	WQ	WQ	AH	WQ	WQ								Sect: 6.1.2	Sect: 6.3.3				
	Date	1/8/15	2/6/15	3/30/15	5/1/15	5/27/15													
	W.O. #	11550	12192	12311	12501	12604													
Coolant Heater	Initials													Sect: 6.1.3	Sect: 6.3.3				
	Date																		
	W.O. #																		
Generator	Initials	WQ	WQ	AH	WQ	WQ								Sect: 6.1.3	Sect: 6.2.3				
	Date	1/8/15	2/6/15	3/30/15	5/1/15	5/27/15													
	W.O. #	11550	12192	12311	12501	12604													
Engine	Initials													Sect: 6.1.3	Sect: 6.2.3				
	Date																		
	W.O. #																		

Year: 2015

Elk Grove Water District

Preventative Maintenance Program

Well 1D School

Item	Monthly												Semi-annual		Annual						
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1ST 6-MO.	2ND 6-MO.	Refer.	2015			
Pump	Initials	WQ	WQ	WQ	AH	AH															
	Date	1/9/15	2/10/15	3/3/15	4/1/15	5/27/15															
	W.O. #	11831	12195	12310	12514	12599															
Motor	Initials	WQ	WQ	WQ	AH	AH															
	Date	1/9/15	2/10/15	3/3/15	4/1/15	5/27/15															
	W.O. #	11831	12195	12310	12514	12599															
Press/Lvl Transdcr.	Initials																				
	Date																				
	W.O. #																				
Isolation Valves	Initials																				
	Date																				
	W.O. #																				
Cla-Val	Initials																				
	Date																				
	W.O. #																				
Mag-Meter	Initials																				
	Date																				
	W.O. #																				
A.R.V.	Initials																				
	Date																				
	W.O. #																				
M.C.C.	Initials																				
	Date																				
	W.O. #																				
Sect:	13.1.1																				
	13.1.2																				
	13.2.1																				
Sect:	13.2.1																				
	13.2.2																				
	13.3.2																				
Sect:	13.3.1																				
	13.3.3																				
	13.3.4																				
Sect:	13.3.5																				
	4/13/15																				
	12512																				

Elk Grove Water District

Preventative Maintenance Program

Well 4D Webb

Item	Monthly												Semi-annual		Annual/Biannual		
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	2015	Periodic	
Pump	Initials	WQ	WQ	WQ	WQ	WQ											
	Date	1/7/15	2/12/15	3/17/15	4/2/15	5/6/15											
	W.O. #	11829	12198	12300	12502	12602								Sect: 8.2.1			
Motor	Initials	WQ	WQ	WQ	WQ	WQ											
	Date	1/7/15	2/12/15	3/17/15	4/2/15	5/6/15											
	W.O. #	11829	12198	12300	12502	12602								Sect: 8.2.2			
Transducer	Initials																
	Date																
	W.O. #													Sect: 8.3.2			
Isolation Valves	Initials																
	Date																
	W.O. #													Sect: 8.3.6	WQ	4/13/15	12207
Cl Valve	Initials																
	Date																
	W.O. #													Sect: 8.3.1			
Mag Meter	Initials																
	Date																
	W.O. #													Sect: 8.3.3			
A.R.V.	Initials																
	Date																
	W.O. #													Sect: 8.3.4			
M.C.C.	Initials																
	Date																
	W.O. #													Sect: 8.2.3			
Portable Generator	Initials	WQ	WQ	WQ	WQ	WQ											
	Date	1/7/15	2/12/15	3/17/15	4/2/15	5/6/15											
	W.O. #	11829	12198	12300	12502	12602								Sect: 8.2.4			
Generator Set	Initials																
	Date																
	W.O. #													Sect: 8.4.2			

Elk Grove Water District

Preventative Maintenance Program

Well 11D Dino

Item	Monthly											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Pump	Refer. 9.1.1	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ
	1/6/15	2/2/15	3/24/15	4/2/15	5/27/15							
	11827	12186	12304	12503	12601							
Motor	Refer. 9.1.2	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ	WQ
	1/6/15	2/2/15	3/24/15	4/2/15	5/27/15							
	11827	12186	12304	12503	12601							

Semi-annual	
Refer. 1ST 6-MO.	2ND 6-MO.
Sect: 9.2.1	
Sect: 9.2.2	

Annual/Biannual	
Refer.	2015
Periodic	

Item	Initials	Date	W.O. #
Press/Lvl Transdcr.			

Item	Initials	Date	W.O. #
Isolation Valves			

Item	Initials	Date	W.O. #
Cla-Val			

Item	Initials	Date	W.O. #
Mag-Meter			

Item	Initials	Date	W.O. #
A.R.V.			

Item	Initials	Date	W.O. #
M.C.C.			

Item	Initials	Date	W.O. #
Portable Generator			

Item	Initials	Date	W.O. #
Generator Set			

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Initials	Date	W.O. #

Item	Monthly												Quarterly				Semi-annual		Annual					
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	2010	2nd	3rd	4th	Refer.	1st	6-12ND	Refer.	2015	
Motor	Section: 12.1.2	AH 1/9/15 11832	WQ 2/5/15 12191	AH 3/25/15 12306	WQ 4/6/15 12506	WQ 5/7/15 12598								Section: 12.1.2					Section: 12.3.2					
Pump	Section: 12.1.1	AH 1/9/15 11832	WQ 2/5/15 12191	AH 3/25/15 12306	WQ 4/6/15 12506	WQ 5/7/15 12598								Section: 12.1.1					Section: 12.3.1					
Chlorine Pump														Section: 12.2.1	WQ 2/24/15 12208				Section: 12.3.4					
Air Charer														Section: 12.2.2	WQ 2/24/15 12208				Section: 12.3.3					
Check Valve														Section: 12.2.3	WQ 2/24/15 12208				Section: 12.3.4					
A.R.V.																			Section: 12.4.4					
M.C.C.																			Section: 12.4.1					
Pneumat Tank																			Section: 12.4.5					
Isolation Valves																			Section: 12.4.3					
Propeller Meter																			Section: 12.4.2					

Year: 2015

Elk Grove Water District

Preventative Maintenance Program

Well 9 Polhemus

Item	Monthly												Quarterly				Annual			
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1st	2nd	3rd	4th	Refer.	2015
Check Valve	Initials																			
	Date																			
	W.O. #																			
Chlorine Pump	Initials	WQ	WQ	AH	WQ	WQ								WQ						
	Date	1/20/15	2/19/15	3/25/15	4/3/15	5/4/15								2/24/15						
	W.O. #	11764	12203	12307	12505	12596								12209						
		Sect: TBD												Section: TBD				Section: TBD		
Air Charer	Initials																			
	Date																			
	W.O. #																			
Isolation Valves	Initials																			
	Date																			
	W.O. #																			
		Section: TBD												Section: TBD				Section: TBD		
A.R.V.	Initials																			
	Date																			
	W.O. #																			
		Section: TBD												Section: TBD				Section: TBD		
M.C.C.	Initials																			
	Date																			
	W.O. #																			
		Section: TBD												Section: TBD				Section: TBD		
Pneumat Tank	Initials																			
	Date																			
	W.O. #																			
		Section: TBD												Section: TBD				Section: TBD		
Propeller Meter	Initials																			
	Date																			
	W.O. #																			
		Section: TBD												Section: TBD				Section: TBD		

Elk Grove Water District
Backflow Prevention Program 2015

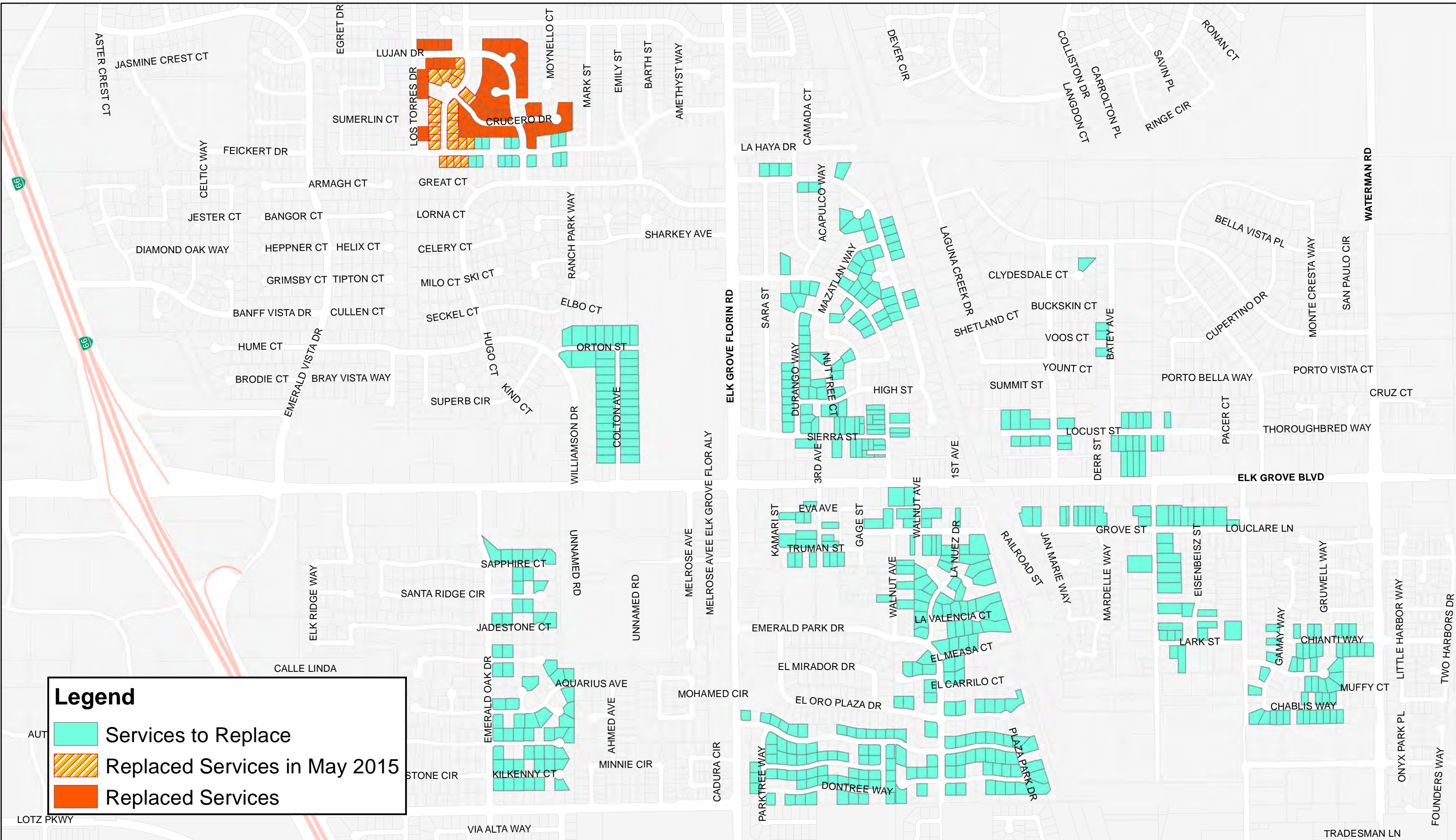
Backflow Device Reports	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
CURRENT												
Notices Issued	9	24	95	4	56							
Pass:	4	17	26	2	40							
Fail:	0	2	0	0	0							
Failed Devices Retested----Passed		2										
Outstanding Results Due	5	5	69	2	16							

DELINQUENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Investigations												
Deactivated Devices			2									
Sent:	5	5	69	2	16							
Received:	0	4	0	2	1							
Sent:	5	1	67									
Received:	4	1	65									
Schedule Code Changed	1											
Outstanding Delinquents	0	0	2	0	15							
Carryover from 2014	0											

Total Outstanding Delinquents	17
--------------------------------------	-----------

Elk Grove Water District
 Safety Meetings/Training
 May-15

Date:	Topic:	Attendees:	Hosted By:
5/4/2015	Climbing Elevated Tanks-- The Height of Safety	Jose C, Jose M, John V, Sean, Michael, Justin, Richard, Alan, Sal, Brandon, Steve, Aaron, Travis, Wilfredo, David	Steve Shaw
5/11/2015	Listen Up to Protect Your Hearing	Jose C, Jose M, John V, John D, Sean, Michael, Justin, Richard, Alan, Sal, Brandon, Steve, Aaron, Travis, Wilfredo, David	Steve Shaw
5/18/2015	Striking Safely Against Lightning	Jose C, Jose M, John D, Sean, Michael, Justin, Richard, Brandon, Steve, Aaron, Travis, Wilfredo, David	Steve Shaw
5/26/2015	Temperature Extremes Can Be Deadly	Jose C, Jose M, Sean, Michael, Justin, Richard, Alan, Brandon, Steve, Aaron, Travis, Wilfredo, David	Steve Shaw
5/29/2015	Heat Stress Code Red!	All Staff Required to Attend	Ellen Carlson



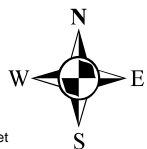
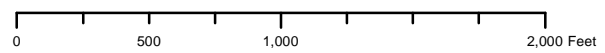
Legend

- Services to Replace
- Replaced Services in May 2015
- Replaced Services

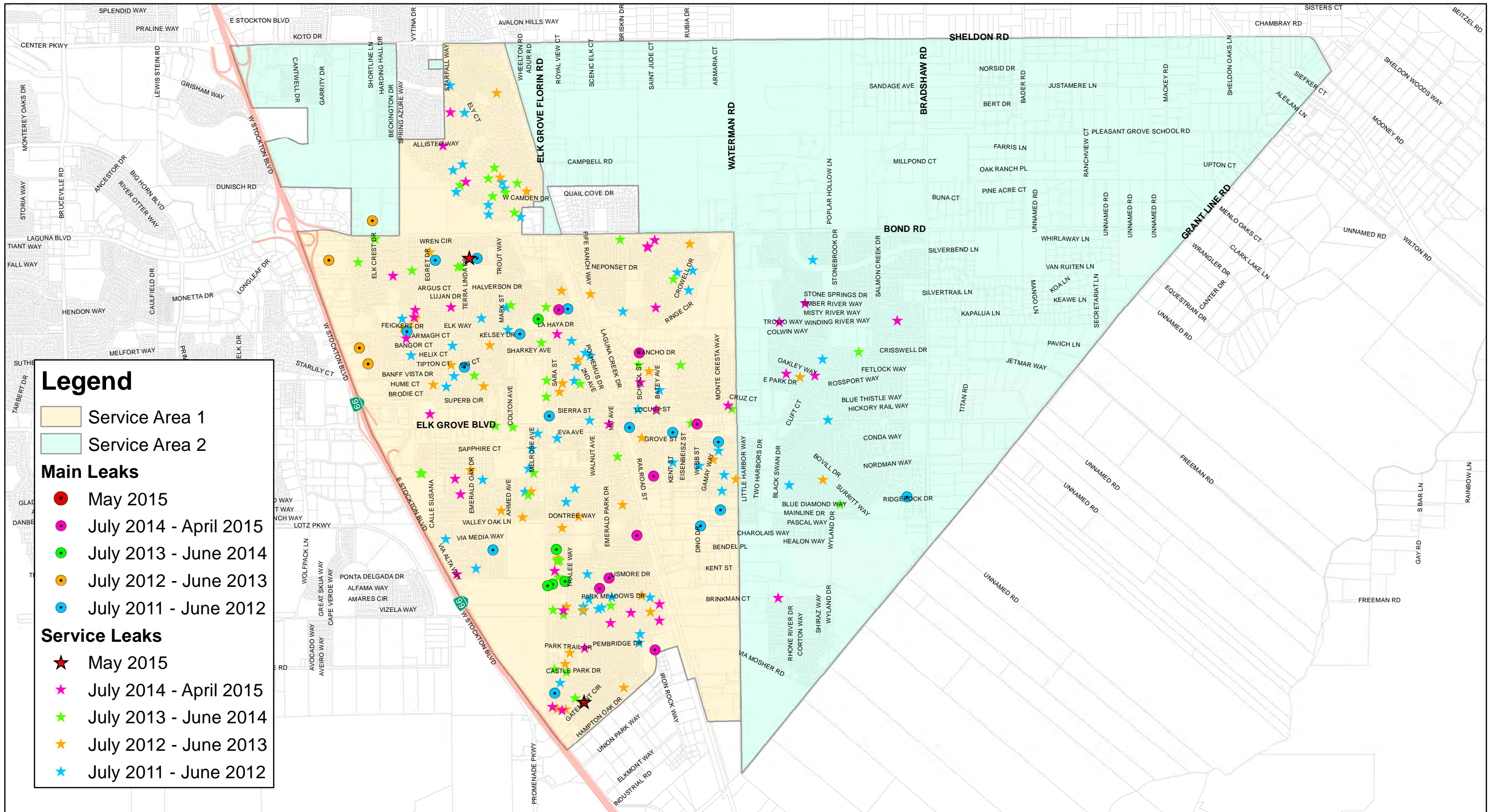
Services to Replace: 516
Services Replaced in April 2015: 26
Total Service Replaced: 88



**Elk Grove Water District
Service Line Replacement**



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 8, 2015



Legend

- Service Area 1
- Service Area 2

Main Leaks

- May 2015
- July 2014 - April 2015
- July 2013 - June 2014
- July 2012 - June 2013
- July 2011 - June 2012

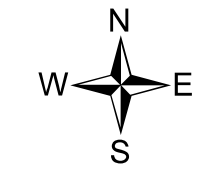
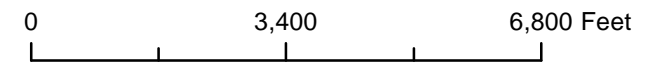
Service Leaks

- ★ May 2015
- ★ July 2014 - April 2015
- ★ July 2013 - June 2014
- ★ July 2012 - June 2013
- ★ July 2011 - June 2012

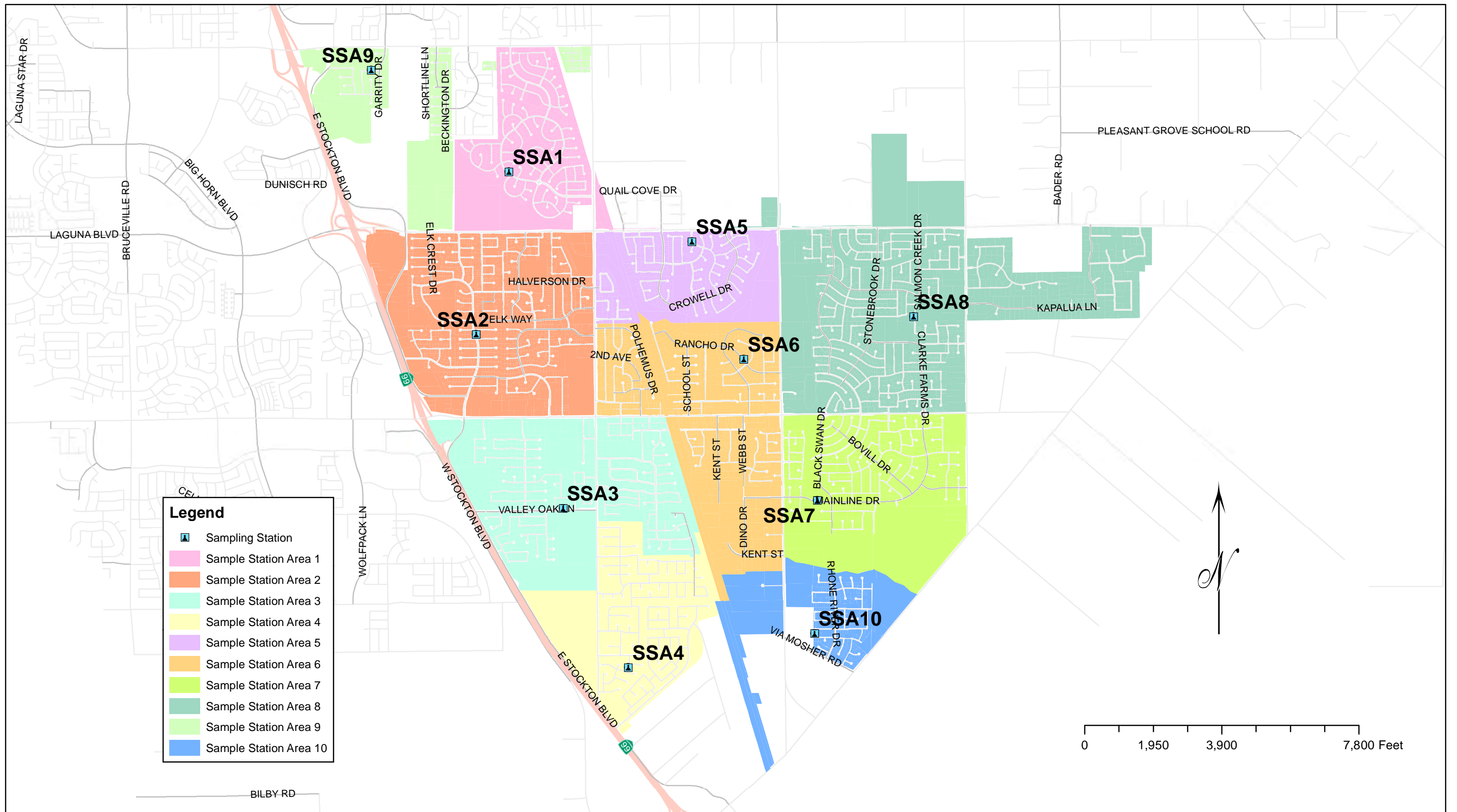
May 2015	
Main Line Leaks: 0	YTD: 8
Service Line Leaks: 2	YTD: 39
Total Leaks: 2	YTD: 47



**Elk Grove Water District
Service and Main Leaks Map**

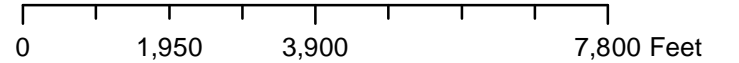


Elk Grove Water District
Service / Main Leaks
Created by: Travis Franklin
Date: June 8, 2015



Legend

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



Sample Stations: 10



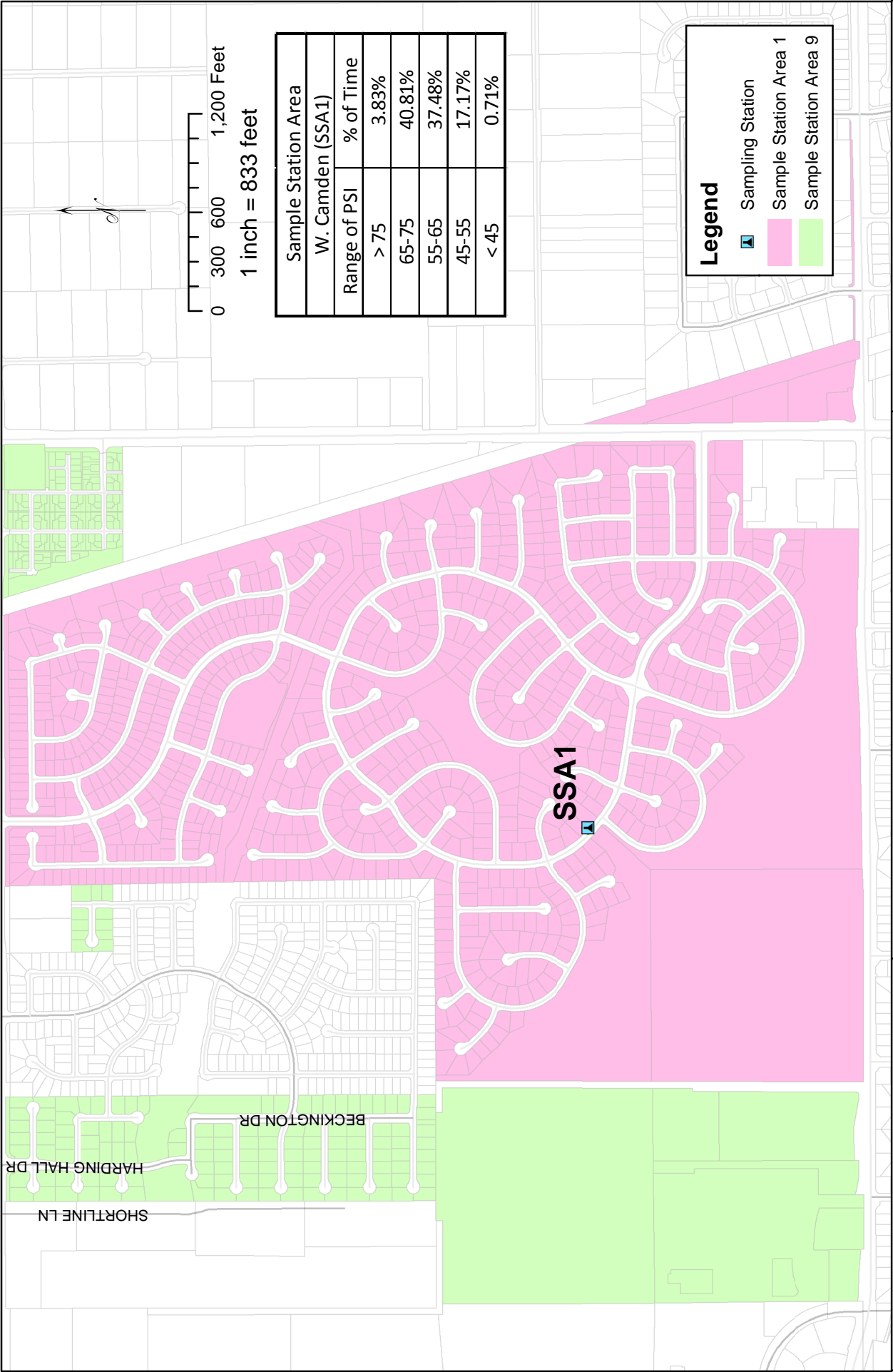
Elk Grove Water District
Sample Station Areas

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

Source: EGWD GIS database




Modified by: Travis Franklin

June 4, 2015



Sample Station Area	
W. Camden (SSA1)	
Range of PSI	% of Time
> 75	3.83%
65-75	40.81%
55-65	37.48%
45-55	17.17%
< 45	0.71%

Legend

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

Projected Coordinate System:
 NAD 83 State Plane CA II FIPS 0402
 Source: EGWD GIS database
 Created by: Travis Franklin
 June 4, 2015

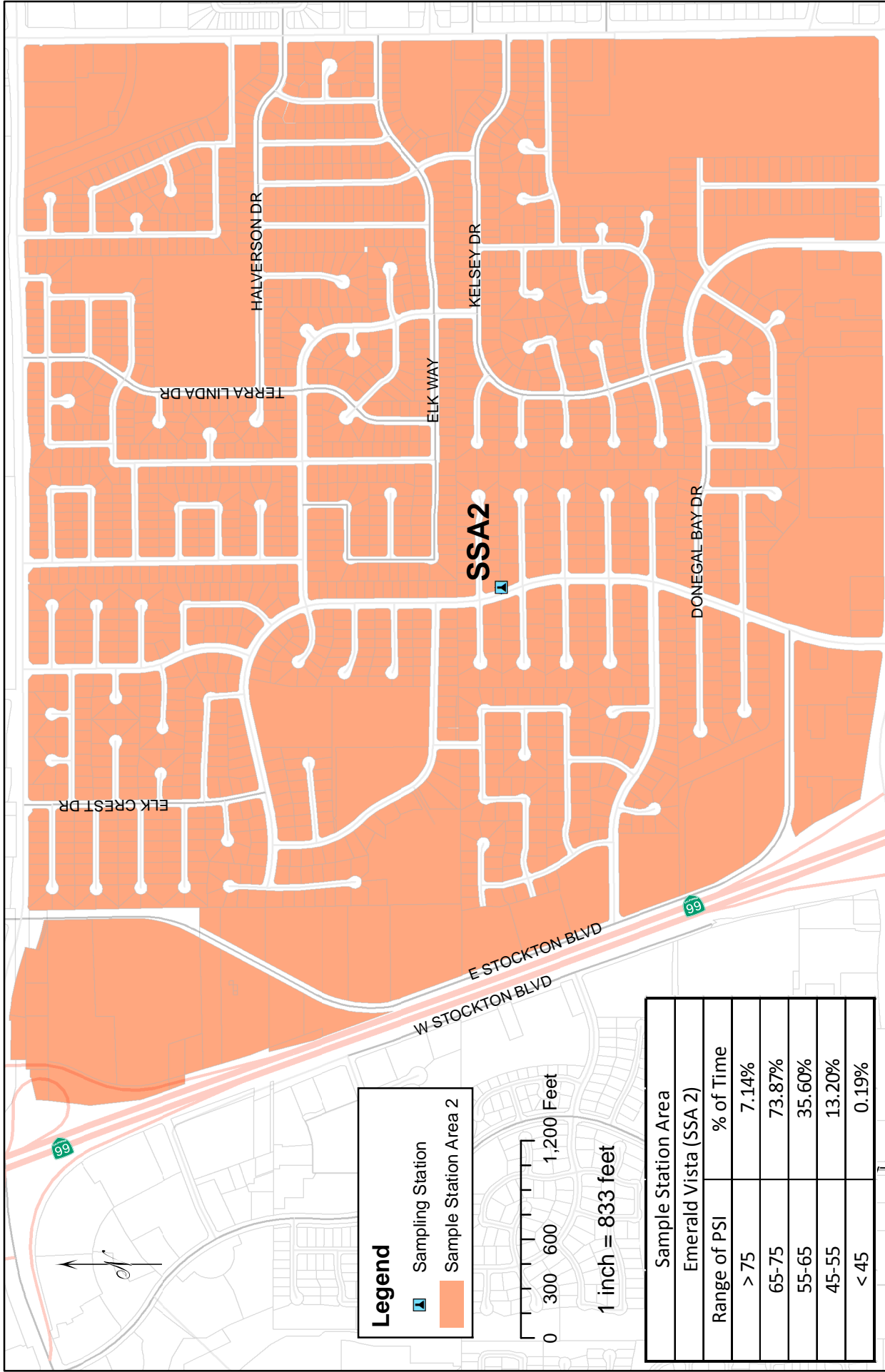
Elk Grove Water District
 System Pressure Monitoring



Sample Station #1

Note: Sample Station takes a reading every 5 minutes.

May 2015



Legend

- Sampling Station
- Sample Station Area 2



Sample Station Area	
Emerald Vista (SSA 2)	
Range of PSI	% of Time
> 75	7.14%
65-75	73.87%
55-65	35.60%
45-55	13.20%
< 45	0.19%

Sample Station #2

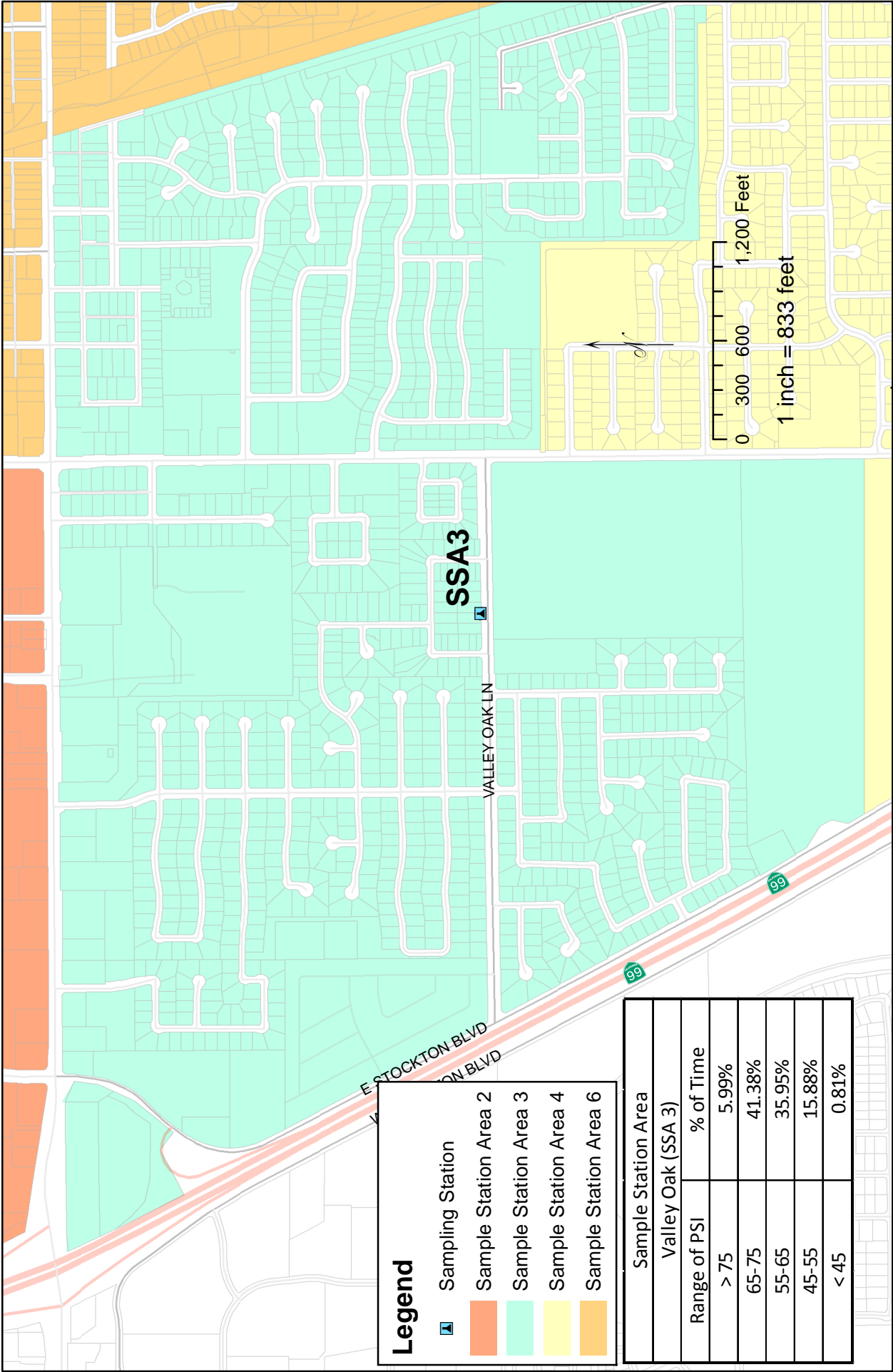
Note: Sample Station takes a reading every 5 minutes.

May 2015



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 4, 2015



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
> 75	5.99%
65-75	41.38%
55-65	35.95%
45-55	15.88%
< 45	0.81%

Elk Grove Water District
System Pressure Monitoring

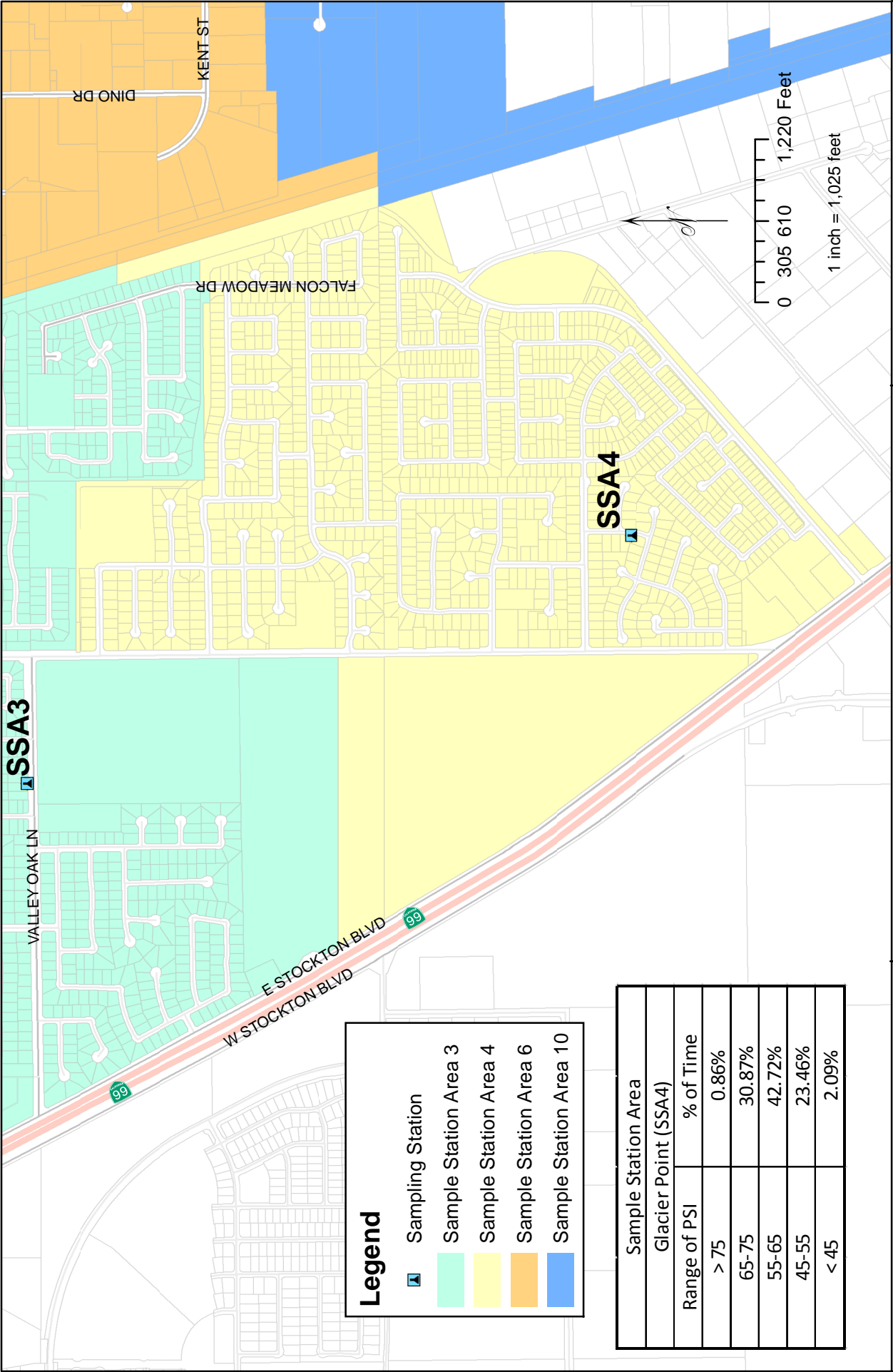


Projected Coordinate System:
NAD 83 State Plane CA II FIPS 0402
Source: EGWD GIS database
Created by: Travis Franklin
June 4, 2015






Sample Station #3

Note: Sample Station takes a reading every 5 minutes.

May 2015



Legend

-  Sampling Station
-  Sample Station Area 3
-  Sample Station Area 4
-  Sample Station Area 6
-  Sample Station Area 10

Sample Station Area	Glacier Point (SSA4)
Range of PSI	% of Time
> 75	0.86%
65-75	30.87%
55-65	42.72%
45-55	23.46%
< 45	2.09%



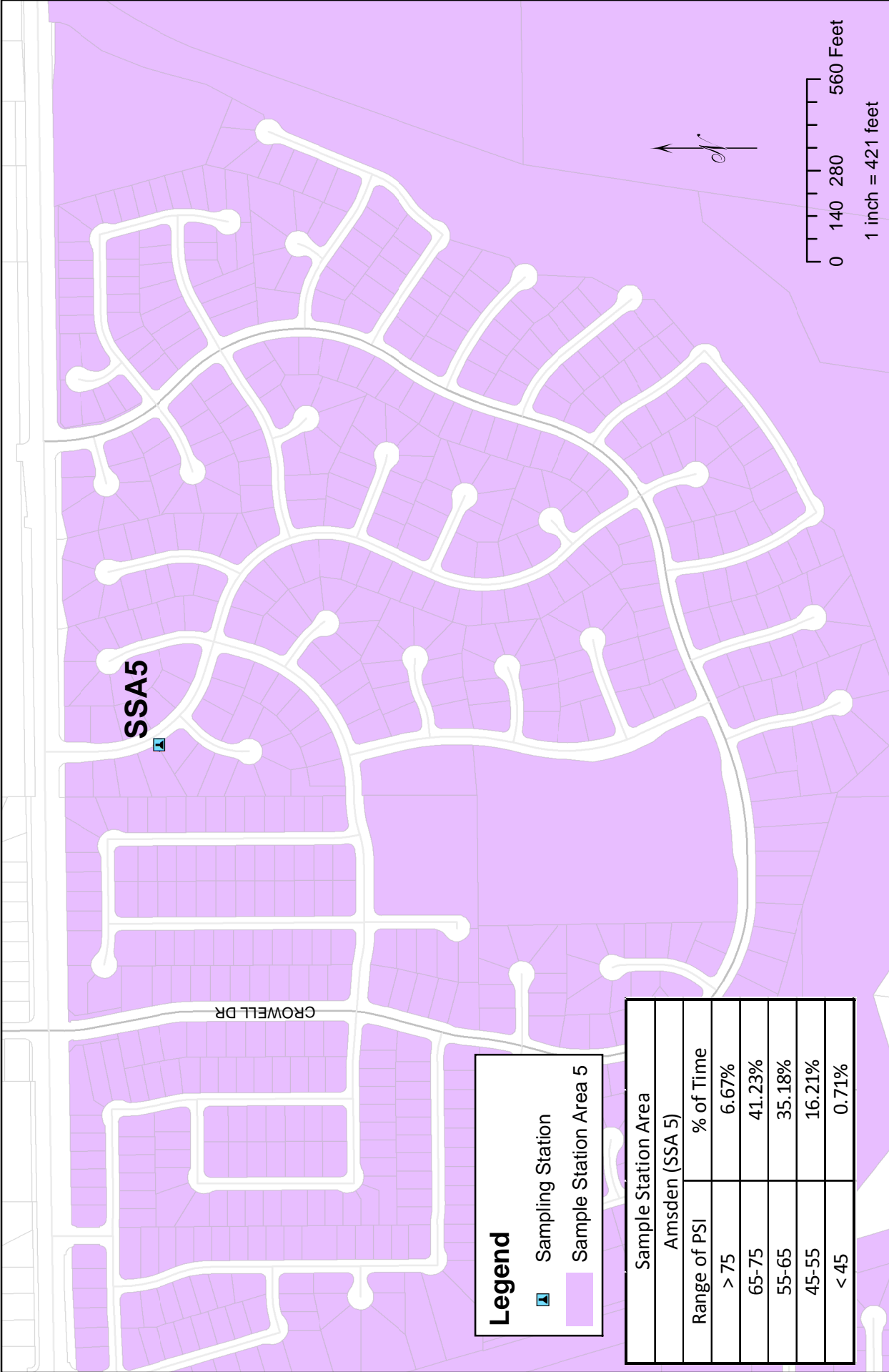
Elk Grove Water District
System Pressure Monitoring

Projected Coordinate System:
NAD 83 State Plane CA II FIPS 0402
Source: EGWD GIS database
Created by: Travis Franklin
June 4, 2015

Sample Station #4

Note: Sample Station takes a reading every 5 minutes.

May 2015



Legend

-  Sampling Station
-  Sample Station Area 5

Sample Station Area Amsden (SSA 5)	
Range of PSI	% of Time
> 75	6.67%
65-75	41.23%
55-65	35.18%
45-55	16.21%
< 45	0.71%



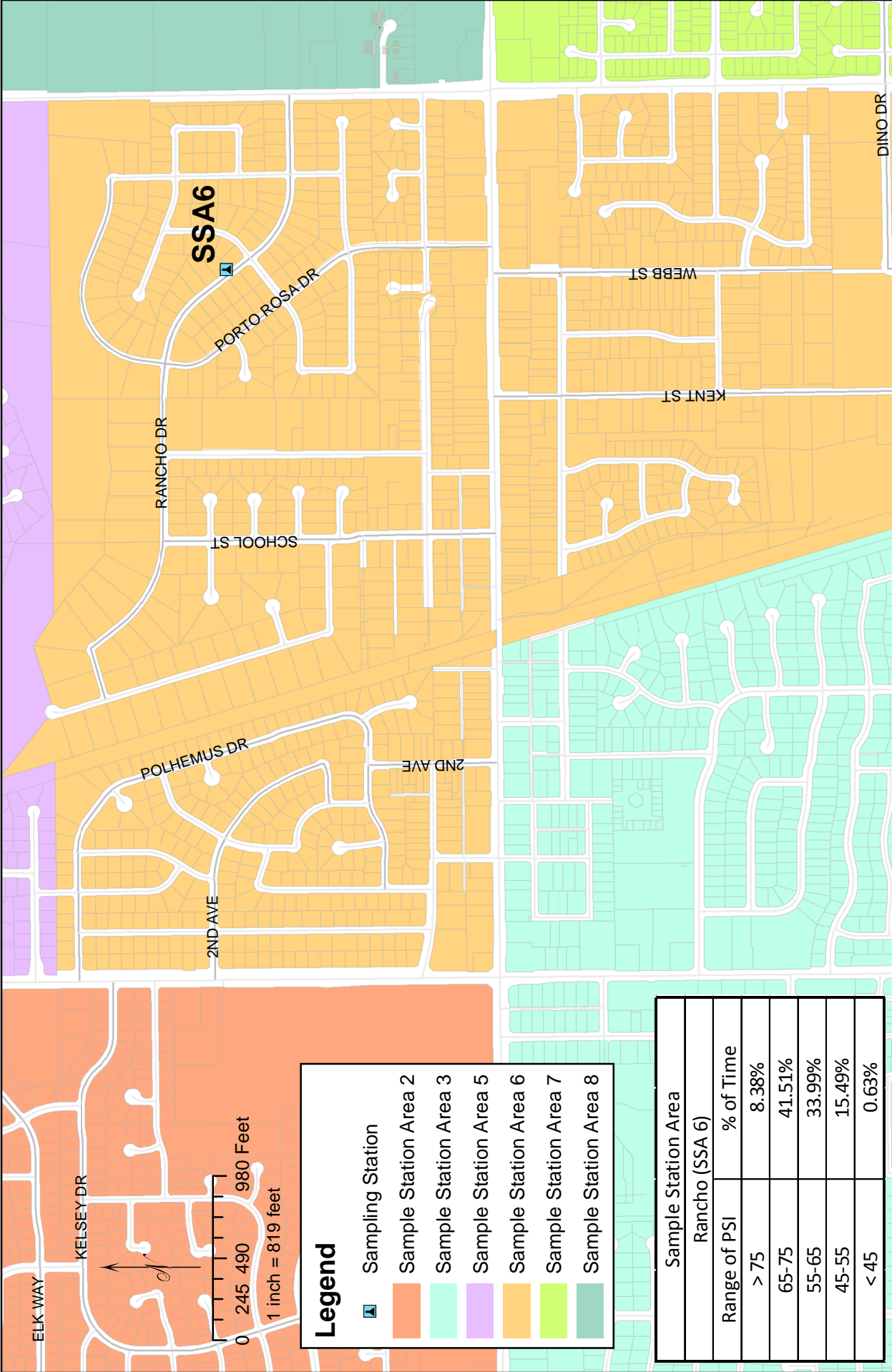
Elk Grove Water District
System Pressure Monitoring

Projected Coordinate System:
NAD 83 State Plane CA II FIPS 0402
Source: EGWD GIS database
Created by: Travis Franklin
June 4, 2015

Sample Station #5

Notes: Sample Station takes a reading every 5 minutes.

May 2015



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

Sample Station Area	% of Time
Rancho (SSA 6)	
Range of PSI	
> 75	8.38%
65-75	41.51%
55-65	33.99%
45-55	15.49%
< 45	0.63%

Sample Station #6

Note: Sample Station takes a reading every 5 minutes.

May 2015








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 4, 2015



Legend

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

Sample Station Area	
Mainline (SSA 7)	
Range of PSI	% of Time
> 75	0.00%
65-75	0.00%
55-65	22.74%
45-55	77.26%
< 45	0.00%

Sample Station #7

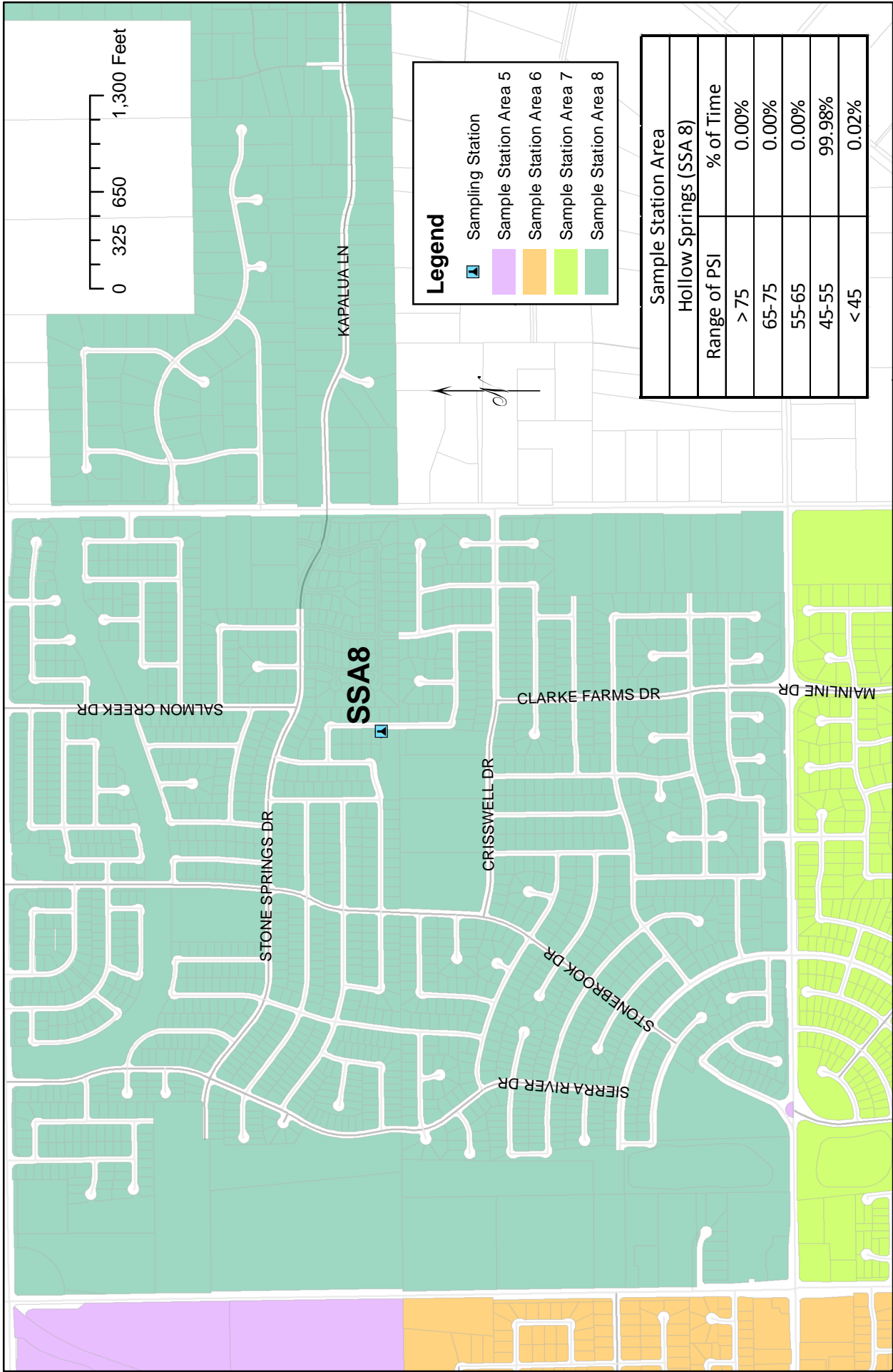
Note: Sample Station takes a reading every 5 minutes.

May 2015



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 4, 2015



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
> 75	0.00%
65-75	0.00%
55-65	0.00%
45-55	99.98%
< 45	0.02%

Sample Station #8

Note: Sample Station takes a reading every 5 minutes.

May 2015



Elk Grove Water District

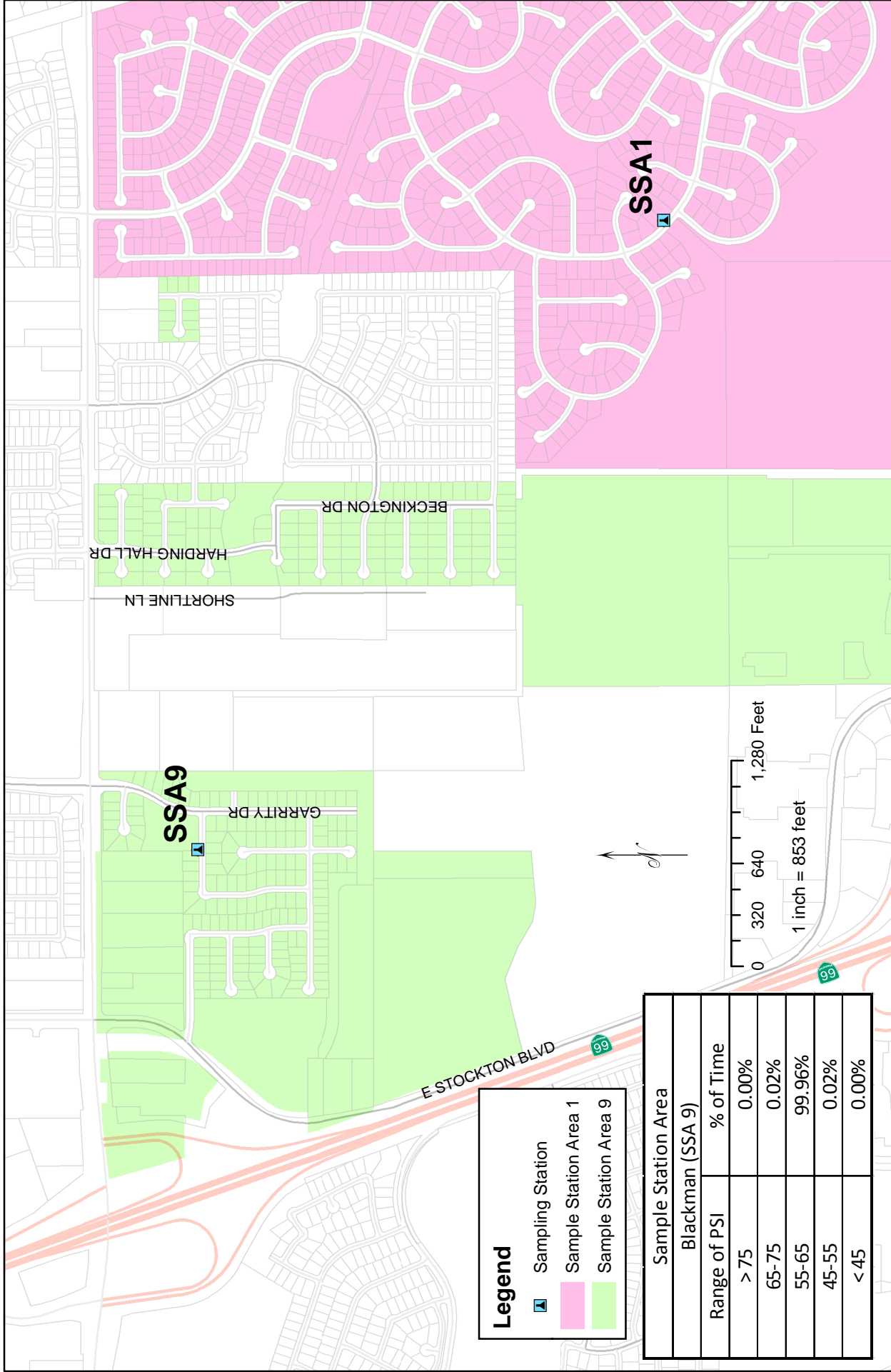
System Pressure Monitoring

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

Source: EGWD GIS database

Created by: Travis Franklin

June 4, 2015



Legend

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

Sample Station Area	Blackman (SSA 9)	Range of PSI	% of Time
		> 75	0.00%
		65-75	0.02%
		55-65	99.96%
		45-55	0.02%
		< 45	0.00%

Sample Station #9

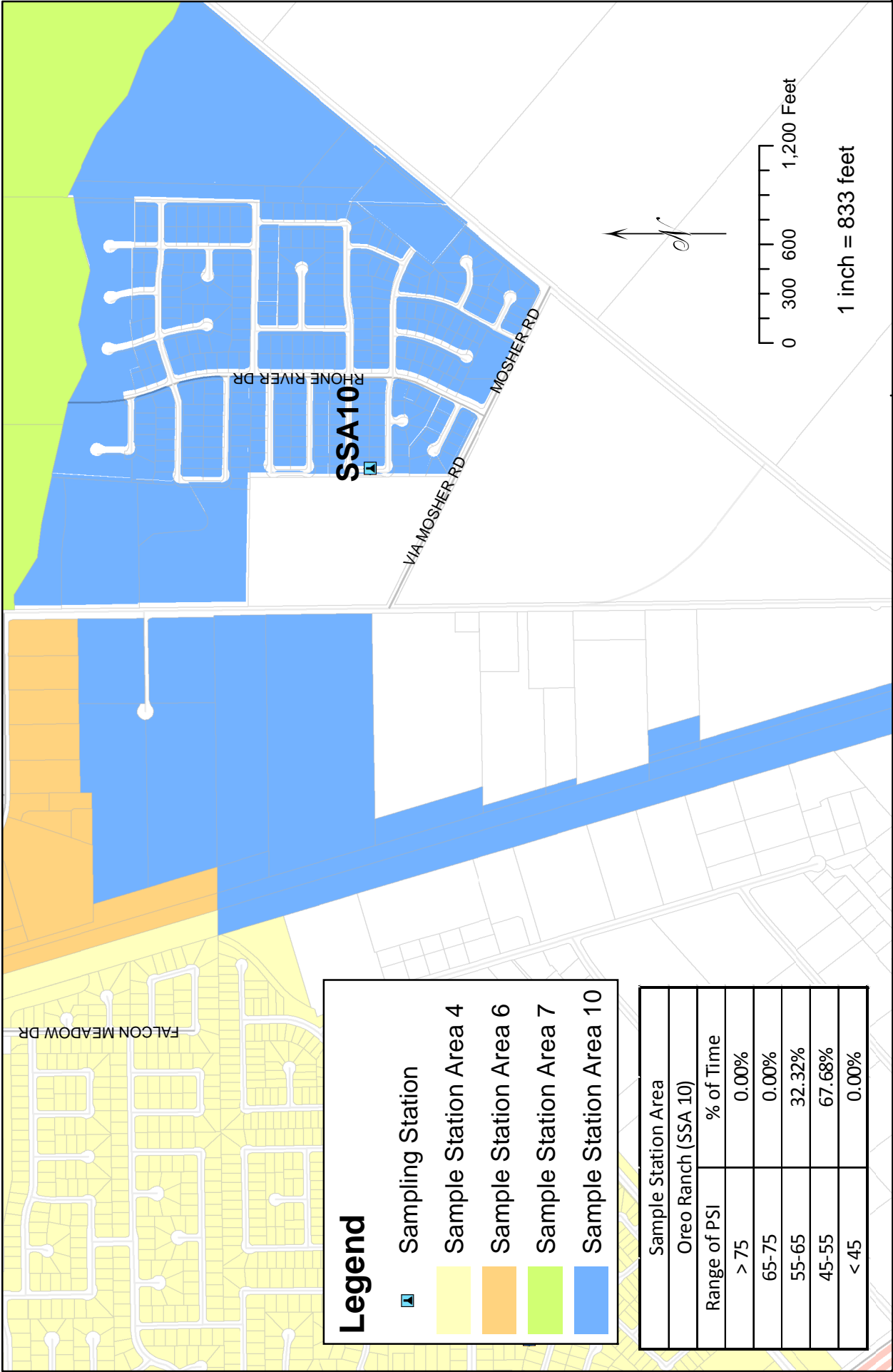
Note: Sample Station takes a reading every 5 minutes.

May 2015



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 4, 2015



Legend

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

Sample Station Area	
Oreo Ranch (SSA 10)	
Range of PSI	% of Time
> 75	0.00%
65-75	0.00%
55-65	32.32%
45-55	67.68%
< 45	0.00%

Sample Station #10

Note: Sample Station takes a reading every 5 minutes.

May 2015



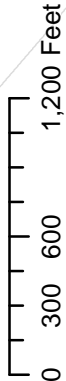
Elk Grove Water District
System Pressure Monitoring

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

Source: EGWD GIS database

Created by: Travis Franklin

June 4, 2015



1 inch = 833 feet



June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District

FROM: Mark J. Madison, General Manager

SUBJECT: **NOMINATION OF FLORIN RESOURCE CONSERVATION DISTRICT/ELK GROVE WATER DISTRICT REPRESENTATIVES FOR APPOINTMENT TO THE SACRAMENTO CENTRAL GROUNDWATER AUTHORITY BOARD OF DIRECTORS**

RECOMMENDATION

Approve a motion nominating two Directors of the Florin Resource Conservation District/Elk Grove Water District, for appointment to the Sacramento Central Groundwater Authority Board of Directors, as the primary and alternate representatives of the Florin Resource Conservation District/Elk Grove Water District.

Summary

The Florin Resource Conservation District/Elk Grove Water District (FRCD/EGWD) is a member of the Sacramento Central Groundwater Authority (SCGA). The Board of Directors of SCGA is comprised of sixteen individuals, one of whom is represented by the FRCD/EGWD.

The SCGA's Joint Powers Agreement requires that every four years, or whenever changes are necessary, the FRCD/EGWD nominate a primary representative and alternate representative, if desired, to serve on SCGA's Board of Directors. The Joint Powers Agreement also stipulates that the Elk Grove City Council appoint, by resolution, the nominated representatives to the SCGA Board of Directors.

DISCUSSION

Background

The SCGA is a joint power authority whose mission is to manage, protect and sustain the groundwater resources of the Sacramento Central Groundwater Basin. The primary efforts of SCGA include maintaining the long-term sustainable groundwater yield of the Central Basin, coordinating efforts to devise and implement strategies to safeguard

NOMINATION OF FLORIN RESOURCE CONSERVATION DISTRICT/ELK GROVE WATER DISTRICT REPRESENTATIVES FOR APPOINTMENT TO THE SACRAMENTO CENTRAL GROUNDWATER AUTHORITY BOARD OF DIRECTORS

Page 2

groundwater quality, and collaboratively working with other entities to promote coordination of policies and activities throughout the region. The FRCD/EGWD is a participating member of the SCGA and benefits from our participation by having a voice on groundwater issues in our region.

The Board of Directors of SCGA is comprised of sixteen individuals, one of whom is represented by the FRCD/EGWD. Historically, one primary and one alternate representative for the District have represented the FRCD/EGWD.

The SCGA Board of Directors meets every other month. The Joint Powers Agreement of the SCGA requires FRCD/EGWD to nominate representatives for appointment to the SCGA Board of Directors. The Elk Grove City Council must then ratify by resolution the appointment of the nominated representatives. Once the resolution has been adopted by the Elk Grove City Council, the nominated representatives become active SCGA board members with full voting rights on all matters related to the SCGA.

Present Situation

Mark Madison, FRCD/EGWD General Manager, and Bruce Kamilos, Associate Civil Engineer for FRCD/EGWD, are currently assigned as the primary and alternate FRCD/EGWD representatives on the SCGA Board. These assignments, however, do not comply with the bylaws of the Joint Powers Agreement since they are not elected members of the governing board of the FRCD/EGWD.

If continued participation on the SCGA Board is desired, and to comply with the SCGA Joint Powers Agreement, the FRCD must nominate at least one member of the FRCD Board of Directors for this assignment. Staff recommends that the FRCD Board nominate one Director as the FRCD/EGWD primary representative and another to serve as an alternate.

If these nominations are made, staff will coordinate actions with the City of Elk Grove to seek the appointments by the Elk Grove City Council. It is anticipated that these appointment(s) would be considered in the next several weeks.

ENVIRONMENTAL CONSIDERATIONS

There are no environmental considerations associated with this item.

June 24, 2015

NOMINATION OF FLORIN RESOURCE CONSERVATION DISTRICT/ELK GROVE WATER DISTRICT REPRESENTATIVES FOR APPOINTMENT TO THE SACRAMENTO CENTRAL GROUNDWATER AUTHORITY BOARD OF DIRECTORS

Page 3

STRATEGIC PLAN CONFORMITY

The recommendation made in this staff report conforms to FRCD/EGWD's Strategic Plan which states that the FRCD/EGWD comply with all regulations. The Sustainable Groundwater Management Act recently signed into law requires groundwater to be regulated. The SCGA is the governing body that is likely to become the regulator of the Sacramento central groundwater basin. It is important that FRCD/EGWD be represented in the SCGA to help guide the application of this new law to the central groundwater basin.

FINANCIAL SUMMARY

There are no financial impacts associated with this item.

Respectfully Submitted,



MARK J. MADISON
GENERAL MANAGER

MJM/bk

June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District
FROM: Bruce M. Kamilos, Associate Civil Engineer
SUBJECT: TRUCK PURCHASE FOR REPLACEMENT OF TRUCK #107

RECOMMENDATION

It is recommended that the Board of Directors of the Florin Resource Conservation District approve a motion authorizing the General Manager to execute a purchase order, in the amount \$56,984 (plus tax and license), with Elk Grove Ford to purchase a 1-ton truck to replace Truck #107, and appropriate \$30,000 of unused capital improvement funds from the Water Meter Replacement Program toward the truck purchase.

Summary

The replacement of Truck #107 was approved in the Fiscal Year Capital Improvement Program (FY 2014-15 CIP). Per the Florin Resource Conservation District's (FRCD) Policy No. 3 (Purchases of Goods and Services from Outside Vendors), a competitive bidding process was used to acquire four (4) bids for a 1-ton truck with utility box and crane. The lowest priced, qualified, responsible bidder is Elk Grove Ford with a bid amount of \$56,984.

This action, if approved, would authorize the General Manager to execute a purchase order in the amount \$56,984 with Elk Grove Ford for the purchase of a 1-ton truck with a utility box and crane.

DISCUSSION

Background

Truck #107 is a 2004 Chevrolet 1 ton that is over 10-years old with 71,443 city miles. The Elk Grove Water District's (EGWD) Asset Management Plan tracks the age of trucks in EGWD's vehicle and equipment fleet, and sets a 10-year replacement cycle on all work trucks.

TRUCK PURCHASE FOR REPLACEMENT OF TRUCK #107

Page 2

Present Situation

FRCD's Policy No. 3, Purchases of Goods and Services from Outside Vendors, requires that major purchases of items costing more than \$50,000 be competitively bid and approved by the FRCD Board of Directors. Four (4) bids were obtained for a 1-ton truck with utility box and crane. The lowest priced, qualified, responsible bidder is Elk Grove Ford. The bids are summarized below and represent the amounts before tax and license.

	<u>Company Name</u>	<u>Bid Amount</u>
1	Elk Grove Ford	\$56,984.00
2	Harrold Ford	\$57,996.00
3	Downtown Ford	\$60,880.00
4	Corning Ford	\$61,393.50

ENVIRONMENTAL CONSIDERATIONS

There are no environmental considerations associated with the purchase of the truck.

STRATEGIC PLAN CONFORMITY

The recommendation made in this staff report conforms to the FRCD/EGWD's 2012-2017 Strategic Plan. The Strategic Plan, under the Asset Management section, identifies that each piece of equipment has a life expectancy for which its replacement shall be planned for and carried out.

FINANCIAL SUMMARY

The financial impact of purchasing the 1-ton truck with utility box and crane is \$56,984 plus tax and license. The FY 2014-15 Capital Improvement Program budgeted \$38,000 for the replacement of Truck #107. This budgeted amount reflects the base cost of a 1-ton work truck before equipping it with a utility box and crane. (Future CIP budgets will include the cost for a fully equipped vehicle.) Staff recommends appropriating \$30,000 in unused capital improvement funds from the Water Meter Replacement Program to make up the difference between what was budgeted and the actual cost of the truck, including tax and license. These funds are available from the Water Meter

June 24, 2015

TRUCK PURCHASE FOR REPLACEMENT OF TRUCK #107

Page 3

Replacement Program because staff has concluded that the replacement of older meters is not warranted based on positive test results from a sample set of meters.

Respectfully Submitted,



BRUCE M. KAMILOS
ASSOCIATE CIVIL ENGINEER

BMK/

June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District
FROM: Mark J. Madison
SUBJECT: **ENFORCEMENT PROCEDURE FOR VIOLATIONS OF THE WATER SHORTAGE CONTINGENCY PLAN**

RECOMMENDATION

It is recommended that the Board adopt Ordinance No. 06.24.15.01 adopting an enforcement procedure for violations of the Water Shortage Contingency Plan.

Summary

This proposed ordinance, if approved, will establish a procedure to enforce violations of the mandatory measures contained in the District's Water Shortage Contingency Plan. This ordinance will also set forth a process to allow customers to appeal administrative citations (fines) and grant the Board Chairman the authority to designate a hearing officer to entertain appeals.

DISCUSSION

Background

On June 21, 2006, the Directors of the Florin Resource Conservation District (FRCD) adopted a Water Shortage Contingency Plan by Ordinance No. 06.21.06.01. The Plan was updated on April 28, 2010 by adoption of Ordinance 04.28.10.01 as part of a regional cooperative effort to adopt plans consistent with other agencies belonging to the Water Forum. On July 23, 2014, the Board activated the Stage 2 level of the Water Shortage Contingency Plan which restricted outdoor watering to two days per week. In addition to the outdoor watering schedule, the Plan contains a number of other water use restrictions ("Mandatory Measures") including a prohibition against irrigation during certain hours of the day, after a measurable rainfall, washing down driveways and sidewalks, etc.

On May 13, 2015, the Board adopted a "Stage 2 Plus" level of the Water Shortage Contingency Plan designed to enhance water savings to 28% from 2013 levels, in conformance with the Governor's Emergency Order on April 1, 2015 and the subsequent

July 23, 2014

ENFORCEMENT PROCEDURE FOR VIOLATIONS OF THE WATER SHORTAGE CONTINGENCY PLAN

Page 2

Framework requirements issued by the State Water Resources Control Board on May 5, 2015. The Stage 2 Plus level primarily initiated a system pressure reduction and also imposed further restrictions on water usage.

Present Situation

The proposed ordinance, if approved, will establish a procedure for enforcing violations of the Mandatory Measures contained in the Water Shortage Contingency Plan. Civil fines for violation of the District's ordinance are authorized by Government Code section 53069.4. This ordinance establishes the amount of those civil fines and provides an opportunity for appeal of a citation to a hearing officer to be appointed by the Chairman of the Board of Directors. Fines may be assessed only after a third violation of the Mandatory Measures, so staff expects the number of citations will be small.

STRATEGIC PLAN CONFORMITY

Adoption of the Ordinance is in keeping with the 2012-2017 Strategic Plan goals for Regulatory Compliance.

FINANCIAL SUMMARY

There is no direct financial impact.

Respectfully Submitted,



MARK J. MADISON
GENERAL MANAGER

Attachment

ORDINANCE NO. 06-24-15-01

**AN ORDINANCE OF THE FLORIN RESOURCE CONSERVATION DISTRICT ADOPTING
AN ENFORCEMENT PROCEDURE FOR VIOLATIONS OF THE WATER SHORTAGE
CONTINGENCY PLAN**

WHEREAS, the Florin Resource Conservation District ("District") Board of Directors believes that enforcement of the mandatory measures established by the District's Water Shortage Contingency Plan ("Plan") is necessary in order to achieve the District's water conservation goals; and

WHEREAS, this Ordinance establishes a procedure for enforcing the mandatory measures established by the Plan, including an appeal process; and

WHEREAS, Government Code section 53069.4 authorizes the District to issue administrative citations for violations of the District's ordinances; and

WHEREAS, Ordinance No. 07-23-14-02 adopted on July 23, 2014 established mandatory water conservation measures and penalties and fines for violation thereof.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE FLORIN RESOURCE CONSERVATION DISTRICT DOES HEREBY ORDAIN AS FOLLOWS:

1. The following enforcement procedure is hereby adopted:

ENFORCEMENT OF WATER SHORTAGE CONTINGENCY PLAN

Section 1 Definitions

- (a) "Administrative Citation" shall mean an administrative citation issued pursuant to this section to remedy a violation.
- (b) "Day" shall mean a calendar day.
- (c) "Enforcement Officer" shall mean any employee or agent of the District designated by the General Manager to enforce any Mandatory Measure.
- (d) "General Manager" shall mean the General Manager or his designee.
- (e) "Mandatory Measure" shall mean any mandatory measure established by the Plan.
- (f) "Plan" shall mean the Water Shortage Contingency Plan.
- (g) "Responsible Person" shall mean a person who causes a Plan violation to occur, or allows a violation to exist or continue, by his or her action or failure to act, or whose agent, employee, or independent contractor causes a violation to occur, or allows a violation to exist or continue. For the purposes of this Ordinance, there may be more than one Responsible Person for a violation.

Section 2 Penalties and Fines for Violation

- (a) Any Responsible Person violating any provision of the Water Shortage Contingency Plan may be issued an Administrative Citation by an Enforcement Officer as provided herein.
- (b) Each and every day a violation of the Plan occurs constitutes a separate and distinct offense.
- (c) A civil fine shall be assessed by means of an Administrative Citation issued by an Enforcement Officer and shall be payable directly to the Florin Resource Conservation District.
- (d) Civil fines shall be assessed in the amounts specified by the Water Shortage Contingency Plan, which are as follows:
 - (1) A two hundred dollar (\$200.00) fine for the third violation of a Mandatory Measure within one year from the date of a first violation; and a mandatory water audit is conducted;
 - (2) A five hundred dollar (\$500.00) fine for the fourth violation of a Mandatory Measure within one year from the date of a first violation; and a flow restriction device is installed;
 - (3) A five hundred (\$500.00) fine for the fifth violation of a Mandatory Measure within one year from the date of a first violation; and water service is shut off. A connection fee is assessed to reactivate water service.
- (e) Each Administrative Citation shall contain the following information:
 - (1) The name of the person charged with any violation of the Plan.
 - (2) The date or dates on which the person violated the Plan.
 - (3) The Mandatory Measure(s) of the Plan so violated.
 - (4) The location where the violation occurred.
 - (5) The amount of the fine imposed or to be imposed for each violation of the Plan.
 - (6) A notice of the procedure to request an administrative hearing to contest the citation.
 - (7) The name and signature of the person who issued the citation.
 - (8) The date the citation is issued.
 - (9) Any other information deemed necessary by the General Manager or Enforcement Officer for enforcement or collection purposes.

Section 3 Payment and Collection of Fines

- (a) Payment of a civil fine assessed for a violation of the Plan shall be due within 21 days from the date of issuance of the citation and shall be in the form of check or money order made payable to the Florin Resource Conservation District. The citation number shall be designated on the check or money order. Payment shall be delivered or mailed to: Florin Resource Conservation District, 9257 Elk Grove Blvd., Elk Grove, California, 95624.
- (b) Payment of any fine or fines shall not excuse the Responsible Person from complying with the Mandatory Measures so violated. The issuance of a citation or payment of any fine, or both, shall not bar the District from instituting any other enforcement action or remedy to obtain compliance with the provisions of the Plan so violated, including the issuance of additional citations.

Section 4 Failure to Pay Administrative Fines

- (a) The District may collect any past due administrative citation fine or late payment penalty and interest by use of all available legal means. Without limiting the generality of the foregoing, all such fines or late payments shall constitute civil debts and may be recovered in an action at law, or a lien may be filed by the District against the real property where the violation(s) occurred.
- (b) Any person who fails to pay to the District any fine imposed pursuant to this Ordinance on or before the date that fine is due also shall be liable for the payment of a late payment charge in the amount of ten percent of the fine. Thereafter, the amount of the fine, and the penalty, shall accrue interest at ten percent per annum until paid.

Section 5 Appeal of Administrative Citation

- (a) The recipient of a citation issued pursuant to this section may contest the citation. A notice of appeal and request for hearing contesting an Administrative Citation issued for a violation of this Ordinance shall be accompanied by an advance deposit of the total amount of the fine, which shall be refunded if it is determined, after a hearing, that the person charged in the Administrative Citation was not responsible for the violation(s) or that there was no violation(s) as charged in the citation.
- (b) The Chairman of the Board shall designate the hearing officer for the Administrative Citation hearing. The hearing officer may be a District employee, but in that event the hearing officer shall not have had any responsibility for the investigation, prosecution or enforcement of this Ordinance and shall not have had any personal involvement in the proceeding to be heard or possess any disqualifying interest in the outcome of the proceeding.
- (c) The hearing before the hearing officer shall be set for a date that is not less than fifteen (15) and not more than sixty (60) calendar days from the date that the notice of appeal is filed in accordance with the provisions of this Ordinance. The person requesting the hearing shall be notified of the time and place set for the hearing at least ten (10) calendar days prior to the date of the hearing.

- (d) At least ten (10) days prior to the date of the hearing, the recipient of an Administrative Citation shall be provided with copies of the citations, reports and other documents submitted or relied upon by the Enforcement Officer. No other discovery is permitted. Formal rules of evidence shall not apply.
- (e) The hearing officer shall only consider evidence that is relevant to whether the violation(s) occurred and whether the party contesting the Administrative Citation has caused, maintained or allowed the violation(s) of the Plan on the date(s) specified in the Administrative Citation.
- (f) The Administrative Citation and any additional documents submitted by the Enforcement Officer shall constitute prima facie evidence of the respective facts contained in those documents.
- (g) The person contesting the Administrative Citation shall be given the opportunity to testify and present witnesses and evidence concerning the Administrative Citation.
- (h) The unexcused failure of any recipient of an Administrative Citation to appear at the Administrative Citation hearing shall constitute a forfeiture of the fine and a failure to exhaust his/her administrative remedies.
- (i) The hearing officer may continue the hearing and request additional information from the Enforcement Officer or the recipient of the Administrative Citation prior to issuing a written decision.
- (j) After considering all the evidence and testimony submitted at the hearing, the hearing officer shall issue his or her written decision on the contested Administrative Citation within ten business days. The written decision shall be filed with the District clerk and a copy thereof shall be mailed to the recipient of the citation. The decision of the hearing officer shall either uphold or deny the Administrative Citation or any portion thereof, and state the facts and reasons supporting the decision. The decision of the hearing officer shall be final.
- (k) If the hearing officer determines that the Administrative Citation should be upheld, the fine amount on deposit with the District shall be retained by the District.
- (l) If the hearing officer determines that the Administrative Citation should be canceled or reduced and the fine was deposited with the District, the District shall promptly refund the amount of the deposited fine or excess, as the case may be, together with interest at the average rate earned on the District's investment portfolio for the period of time the fine amount was held by the District.

Section 6 Right to Further Appeal by Judicial Review

Any person aggrieved by an administrative decision of a hearing officer on an Administrative Citation may obtain review of the administrative decision by filing an appeal with the Sacramento County Superior Court in accordance with the timelines and provisions as set forth in California Government Code section 53069.4."

2. The District finds that this Ordinance is not subject to the California Environmental Quality Act ("CEQA") pursuant to Section 15378(c)(3) of the State CEQA Guidelines, California Code of Regulations, Title 14, Ordinance 3. The Ordinance is not a project as defined in State CEQA Guidelines Section 15378 because pursuant to Section 15378(b), the creation of government funding mechanisms or other government fiscal activities which do not involve any commitment to any specific project which may result in a potentially significant physical impact on the environment is not a project.

3. Further, this Ordinance preserves the status quo and therefore has no potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment.

4. The provisions of this Ordinance are hereby declared to be severable. If any provision, clause, sentence, or paragraph of this Ordinance, or the application thereof to any person or circumstance shall be held invalid, such invalidity shall not affect the other provisions of this Ordinance or the application of those provisions.

5. This Ordinance shall become effective immediately upon its adoption by the Board of Directors.

ADOPTED at a Regular Meeting of the Board of Directors of the Florin Resource Conservation District, on the __th day of _____, 2015 by the following vote to wit:

- AYES:
- NOES:
- ABSENT:
- ABSTAIN:

Chuck Dawson, Chairman

ATTEST:

Stefani Phillips, District Clerk

June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District

FROM: Jim Malberg, Finance Manager/Treasurer

SUBJECT: **FLORIN RESOURCE CONSERVATION DISTRICT FISCAL YEAR 2015-16 BUDGET**

RECOMMENDATION

It is recommended that the Board of Directors of the Florin Resource Conservation District adopt Resolution No. 06.24.15.01 approving the Florin Resource Conservation District Fiscal Year 2015-16 Budget.

Summary

District staff, guided by the Finance Committee, has developed the proposed Florin Resource Conservation District (FRCD) Fiscal Year (FY) 2015-16 Budget for the Board's consideration.

By this action, the Board would approve the proposed FRCD FY 2015-16 Budget containing projected revenues of \$100 and projected expenditures of \$13,450.

DISCUSSION

Background

The Florin Resource Conservation District (FRCD) has a fiscal year that runs from July 1 to June 30. For the forthcoming fiscal year, staff initiated a program in April to prepare the FRCD FY 2015-16 budget, along with the Elk Grove Water District Budget and the Economic Development Corporation budget.

On June 12, 2015, Staff presented the FRCD Board a preliminary proposed FY 2015-16 FRCD Budget for review.

FLORIN RESOURCE CONSERVATION DISTRICT FISCAL YEAR 2015-16 BUDGET

Page 2

Present Situation

The proposed FRCD FY 2015-16 Budget is attached for the Board's consideration.

FINANCIAL SUMMARY

Proposed revenues for the FY 2015-16 are projected to be \$100. The total expenditures for the FY 2015-16 Budget of \$13,450 includes operating expenditures as follows:

- Airfare \$500
- Hotels \$150
- Meals \$50
- Auto Rental \$50
- Seminars & Conventions \$550
- Mileage Reimbursement, Parking \$20
- Association Dues \$400
- Advertising \$250
- Meetings \$250
- Insurance \$1,500
- Repairs & Maintenance, Auto \$50
- Office/Other Expenses \$150
- Bank Charges \$30
- Contracted Services \$2,500
- Legal Services \$5,000
- Public Relations (Sponsorships) \$2,000

The Fund Balance for the Florin Resource Conservation District is expected to decrease from \$116,823 to \$103,473.

Respectfully submitted,



JIM MALBERG
FINANCE MANAGER/TREASURER

JM

Attachments

RESOLUTION NO. 06.24.15.01

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE FLORIN RESOURCE
CONSERVATION DISTRICT APPROVING THE FLORIN RESOURCE
CONSERVATION DISTRICT FISCAL YEAR 2015-16 BUDGET**

WHEREAS, the Florin Resource Conservation District has held several public meetings to review the proposed revenues and expenditures for the Florin Resource Conservation District for the Fiscal Year July 1, 2015 through June 30, 2016, and

WHEREAS, and the Board has received and considered the proposed Florin Resource Conservation District FY 2015-16 Budget submitted by the Finance Manager/Treasurer on June 24, 2015.

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

1. Approve the Total Revenues of \$100 for the proposed Florin Resource Conservation District FY 2015-16 Budget.

2. Approve the Total Expenditures of \$13,450 for the proposed Florin Resource Conservation District FY 2015-16 Budget.

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

PASSED, APPROVED, AND ADOPTED this 24th day of June, 2015.

AYES:

NOES:

ABSENT:

ABSTAIN:

Chuck Dawson
Chairman of the Board of Directors

ATTEST:

Stefani Phillips
Secretary to the Board of Directors

**Florin Resource Conservation District
Proposed Budgeted Accounts Detail
For the Fiscal Year Ending June 30, 2016**

Description	FY 2012-13 Actual	FY 2013-14 Actual	FY 2014-15 Budget	FY 2014-15 Projected	FY 2015-16 Budget
REVENUES					
4700 Lease Revenue - Elk Grove Florin Property	\$ 9,533	\$ 5,467	\$ -	\$ -	\$ -
Other Reimbursements/Property Sale		87,712		10,162	
Repair and Maintenance Reserves	-	-	-	-	-
Interest Earnings	17	50	30	100	100
Total Revenues	9,550	93,229	30	10,262	100
EXPENDITURES					
5300 Airfare	-	-	-	498	500
5310 Hotels	-	-	-	134	150
5320 Meals	-	-	-	42	50
5330 Auto Rental	-	-	-	37	50
5340 Seminars & Conventions	-	-	-	525	550
5350 Mileage Reimbursement, Parking, Tolls	-	-	-	20	20
5415 Association Dues	350	400	400	300	400
5410 Advertising	3,893	175	1,250	-	250
5280 Meetings	210	100	300	250	250
5420 Insurance	77	71	1,510	1,508	1,500
5435 Repairs and Maintenance Automotive/Fuel	7,613	-	-	32	50
5475 Office Supplies & Expenses	-	256	100	110	150
5455 Postage	-	-	-	-	-
5510 Bank Charges	820	1,729	30	-	30
5520 Contracted Services	6,616	6,500	2,000	5,396	2,500
5535 Legal Services	-	26,011	2,500	5,056	5,000
5545 Public Relations	2,000	1,925	2,000	1,920	2,000
9950 Election Costs			11,395	9,872	-
9960 Program Costs			-		
Total Expenditures	21,579	37,167	21,485	25,700	13,450
Change in Balance	(12,029)	56,064	(21,455)	(15,438)	(13,350)
Beginning Balance	88,227	76,198	132,261	132,261	116,823
Ending Fund Balance	76,198	132,261	110,806	116,823	103,473

June 24, 2015

TO: Chairman and Directors of the Finance Committee of the Florin Resource Conservation District

FROM: Jim Malberg, Finance Manager/Treasurer

SUBJECT: **ECONOMIC DEVELOPMENT CORPORATION FISCAL YEAR 2015-16 BUDGET**

RECOMMENDATION

It is recommended that the Board of Directors of the Florin Resource Conservation District adopt Resolution No. 06.24.15.02 approving the proposed Economic Development Corporation Fiscal Year 2015-16 Budget.

Summary

District staff has developed the proposed Economic Development Corporation (EDC) Fiscal Year (FY) 2015-16 Budget for the Board's consideration. This budget is unbalanced and serious efforts are required in FY 2015-16 to address this imbalance. As such, the EDC is attempting to sell the Susan Gaines Mitchel Building and is currently in escrow with a potential buyer.

The proposed EDC FY 2015-16 budget has projected revenues of \$1,121,400 and projected expenditures, including depreciation and amortization, of \$1,918,815.

DISCUSSION

Background

The Florin Resource Conservation District (FRCD) established the Economic Development Corporation (EDC) in 1998 to fund and maintain the Susan B. Gaines building which it purchased in that same year. The EDC has its own operation budget and operates with a fiscal year that runs from July 1 to June 30.

Present Situation

The proposed EDC FY 2015-16 Budget is attached for the Board's consideration.

June 24, 2015

ECONOMIC DEVELOPMENT CORPORATION FISCAL YEAR 2015-16 BUDGET

Page 2

Projected revenues for FY 2015-16 are the scheduled rent payments from the County of Sacramento's rent schedule, for their five year option which started in February 2013. The Lease payment is currently is \$93,450 per month.

Projected expenditures are expected to increase from the FY 2014-15 budgeted expenditures due primarily to increased bond administration costs related to the impending default on the bonds and potential sale of the building. Maintenance and legal costs are expected to increase slightly while and property taxes are expected to continue to decrease due to the declining assessed valuation.

The proposed budget projects a net loss to the EDC of approximately \$797,415. An amount of \$308,292 for depreciation is included in these projections.

On April 8, 2015 the FRCD issued a Material Event Notice (Notice) to the financial community pursuant to the Securities and Exchange Commission Rule 15 c 2-12. The Notice detailed that the EDC anticipated the need to use funds from the Debt Service Reserves or the Operations and Maintenance Reserves to pay the August 2015 Debt Service Payment. In addition, the District notified the financial community of its intent to list the building for sale for a listing price of \$8,950,000. On June 1, 2015, the District issued an update to the prior Material Event Notice notifying the financial community that a Purchase and Sales Agreement had been executed on May 21, 2015 for a sales price of \$9,900,000.

FINANCIAL SUMMARY

The proposed EDC FY 2015-16 Budget is cash negative, with cash expenditures revenues exceeding projected revenues by \$489,123. When the depreciation amount of \$308,292 is added the total projected loss is \$797,415.

Respectfully submitted,


JIM MALBERG
FINANCE MANAGER/TREASURER

JM

Attachment

RESOLUTION NO. 06.24.15.02

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE FLORIN RESOURCE
CONSERVATION DISTRICT APPROVING THE ECONOMIC DEVELOPMENT
CORPORATION FISCAL YEAR 2015-16 BUDGET**

WHEREAS, and the Board has received and considered the proposed Economic Development Corporation FY 2015-16 Budget submitted by the Finance Manager/Treasurer on June 24, 2015.

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

1. Approve the Total Revenues of \$1,121,400 for the proposed Resource Conservation District Economic Development Corporation FY 2015-16 Budget.
2. Approve the Total Expenditures of \$1,918,815 for the proposed Resource Conservation District Economic Development Corporation FY 2015-16 Budget.
3. Authorize the General Manager to redistribute allocated budgeted amounts between line items with the budget categories.

PASSED, APPROVED, AND ADOPTED this 24th day of June, 2015.

AYES:

NOES:

ABSENT:

ABSTAIN:

Chuck Dawson
Chairman of the Board of Directors

ATTEST:

Stefani Phillips
Secretary to the Board of Directors

**Florin Resource Conservation District
Economic Development Corporation
Proposed Budgeted Accounts Detail
For the Fiscal Year Ending June 30, 2016**

Description	FY 2012-13 Actual	FY 2013-14 Actual	FY 2014-15 Budget	FY 2014-15 Projected	FY 2015-16 Budget
<u>REVENUES</u>					
4700 Lease Revenue - Sacramento County	\$ 1,292,417	\$ 1,121,400	\$ 1,121,400	\$ 1,121,400	\$ 1,121,400
Total Revenues	1,292,417	1,121,400	1,121,400	1,121,400	1,121,400
<u>EXPENDITURES</u>					
5710 Assessments/Property Taxes	188,708	166,954	180,200	73,220	66,100
5432 General Maintenance	208,915	266,720	300,000	220,000	250,000
5420 Insurance	20,065	18,476	17,500	17,486	16,800
5432 Landscaping	-	-	-	-	-
5535 Legal	-	35,411	80,000	77,500	80,000
5560 Bond Administration	-	5,840	2,750	175,000	175,000
5760 Water, Sewer	12,989	11,651	13,000	13,310	13,000
Total Expenditures	430,677	505,052	593,450	576,516	600,900
2470 Debt Retirement	690,000	415,000	435,000	435,000	450,000
7300 Interest	529,482	827,986	492,923	591,487	559,623
Total Debt Expense	1,219,482	1,242,986	927,923	1,026,487	1,009,623
6440 Depreciation	308,292	308,292	308,292	308,292	308,292
6450 Amortization	276,484	-	-	-	-
Total Depreciation & Amortization	584,776	308,292	308,292	308,292	308,292
Net Income/(Loss)	(942,517)	(934,930)	(708,265)	(789,895)	(797,415)

June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District

FROM: Bruce M. Kamilos, Associate Civil Engineer

SUBJECT: **ELK GROVE WATER DISTRICT FISCAL YEAR 2016-20 CAPITAL IMPROVEMENT PROGRAM**

RECOMMENDATION

It is recommended that the Board of Directors of the Florin Resource Conservation District adopt Resolution 06.24.15.03 adopting the Elk Grove Water District Fiscal Year 2016-20 Capital Improvement Program and approving an appropriation of \$2,325,000 from designated reserve funds to the Fiscal Year 2015-16 Capital Improvement Program budget.

Summary

The Fiscal Year 2016-20 Capital Improvement Program (FY 2016-20 CIP) describes capital improvement projects planned by the Elk Grove Water District (District) over the next five fiscal years. District staff presented the FY 2016-20 CIP at the Infrastructure Committee meetings on April 23, 2015 and May 13, 2015. Comments and recommendations from those meetings have been incorporated into the FY 2016-20 CIP. The final version of the FY 2016-20 CIP (enclosed) is being presented to the Board of Directors for adoption.

DISCUSSION

Background

The FY 2016-20 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 2016-20 CIP to the Infrastructure Committee on April 23, 2015 and May 13, 2015. Comments and recommendations from those meetings have been incorporated into the final version of the FY 2016-20 CIP.

ELK GROVE WATER DISTRICT FISCAL YEAR 2016-20 CAPITAL IMPROVEMENT PROGRAM

Page 2

Present Situation

In general, the board members of the Infrastructure Committee concurred with the CIP presented to them at the first meeting on April 23. Their comments primarily were directed toward the Business Center/CSD Building Water Main Looping capital improvement project. The Infrastructure Committee agreed to reduce the scope of work for this project. The original scope of work installed 2000 lineal feet of 8" water main to connect dead-ends at the Business Center and Project R.I.D.E. The revised scope of work installs 700 lineal feet of 8" water main to connect the Business Center dead-end to the existing water main along Elk Grove Blvd. The revised scope of work also includes installing an additional fire hydrant at Project R.I.D.E. off of an existing water main. The reduced scope of work will yield an estimated \$200,000 savings.

The final version of the FY 2016-20 CIP is being presented to the Board of Directors for adoption. Although the FY 2016-20 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 \$2,325,000 from designated reserve funds to the FY 2015-16 CIP budget.

ENVIRONMENTAL CONSIDERATIONS

The adoption of the FY 2016-20 CIP does not in and of itself affect environmental considerations. Environmental considerations related to the projects contained in the FY 2016-20 CIP will be addressed on a per project basis in the future as part of each project. Staff reports requesting authorization from the Board of Directors to proceed with a specific CIP project 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.

ELK GROVE WATER DISTRICT FISCAL YEAR 2016-20 CAPITAL IMPROVEMENT PROGRAM

Page 3

FINANCIAL SUMMARY

The financial impact of the FY 2016-20 CIP on capital funds is \$12,595,000 over five fiscal years. A breakdown by year of capital funds required is as follows.

FY 2015-16	\$2,325,000
FY 2016-17	\$2,696,000
FY 2017-18	\$2,296,000
FY 2018-19	\$2,091,000
<u>FY 2019-20</u>	<u>\$3,187,000</u>
Total	\$12,595,000

To fund the FY 2015-16 CIP, District staff requests that the Board approve an appropriation of \$2,325,000 from designated reserves to the FY 2015-16 CIP budget.

Respectfully Submitted,



BRUCE M. KAMILOS, P.E.
ASSOCIATE CIVIL ENGINEER

BMK/

RESOLUTION No. 06.24.15.03

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE FLORIN RESOURCE CONSERVATION DISTRICT
ADOPTING THE ELK GROVE WATER DISTRICT FISCAL YEAR 2016-20 CAPITAL
IMPROVEMENT PROGRAM AND APPROVING AN APPROPRIATION OF \$2,325,000
FROM DESIGNATED RESERVE FUNDS TO THE FISCAL YEAR 2015-16 CAPITAL
IMPROVEMENT PROGRAM BUDGET**

WHEREAS, the Elk Grove Water District Fiscal Year 2016-20 Capital Improvement Program (hereinafter "FY 2016-20 CIP") has been presented to the Infrastructure Committee on April 23, 2015 and May 13, 2015 for review; and

WHEREAS, District staff have incorporated the comments and recommendations from the above mentioned meetings into the final version of the Elk Grove Water District FY 2016-20 CIP; and

WHEREAS, the adoption of the Elk Grove Water District FY 2016-20 CIP does not in and of itself affect environmental considerations. Environmental considerations related to the projects contained in the Elk Grove Water District FY 2016-20 CIP will be addressed on a per project basis in the future as part of each project; and

WHEREAS, the adoption of the Elk Grove Water District FY 2016-20 CIP conforms to FRCD/EGWD'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 2016-20 CIP on capital funds is \$12,595,000 over the next five fiscal years, the actual commitment of CIP funds is done on a year-to-year basis with \$2,325,000 being requested for the FY 2015-16 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 2016-20 Capital Improvement Program.

Section 2. The Board of Directors hereby appropriates \$2,325,000 from designated reserve funds to the Fiscal Year 2015-16 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 24th day of June, 2015.

AYES:

NOES:

ABSENT:

ABSTAIN:

Chuck Dawson
Chairman of the Board of Directors

ATTEST:

Stefani Phillips
Secretary to the Board of Directors

APPROVED AS TO FORM:

Best Best & Krieger LLP
General Counsel

EXHIBIT “A”

“ELK GROVE WATER DISTRICT FY 2016-2020 CAPITAL IMPROVEMENT PROGRAM.”

[Attached behind this cover page]



FY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

BOARD OF DIRECTORS

Chuck Dawson, Chair

Tom Nelson, Vice Chair

Elliot Mulberg, Director

Bob Gray, Director

Jeanne Sabin, Director

TABLE OF CONTENTS

Overview 1

Service Line Replacements 10

Colton Ave/Orton St. Water Main 12

Kent St. Water Main..... 14

Truman St./Adams St. Water Main..... 16

School/Locust/Summit Alley Water Main..... 18

Elk Grove Blvd/Grove St. Alley Water Main..... 20

Locust St.-Elk Grove Blvd Alley/Derr St. Water Main 22

Elk Grove Blvd. Water Main 24

8” Water Line Replacement Waterman Rd 26

Pumped-to-Waste Infrastructure – Deep Wells 28

Well Rehabilitation Program (one per year) 30

Well 1D Pump Conversion 32

Railroad Corridor Water Line 34

Backyard Water Mains/Services Replacement 36

Hydropneumatic Tanks Refurbishments 38

Well 8 Pump Conversion..... 40

Business Center/CSD Bldg. Water Main Looping..... 42

Cadura Circle Water Main Looping 44

Mormon Church Water Main Looping..... 46

Automatic Meter Infrastructure (AMI) 48

RRWTF Tanks & Vessels Recoating 50

Media Replacement Filter Vessels 52

Chlorine Tank Replacement ClorTec Room 54

VFDs – Booster Pumps Railroad Street WTF..... 56

SCADA Improvements..... 58

Truck Replacements..... 60

Administration Building Improvements..... 62

Security Infrastructure 64

RRWTF Emergency Access Gate..... 66

Frontage Road & Parking Lot Improvements..... 68

RRWTF Modular Meeting Room & I.T. Center 70

Railroad Street WTF Parking Lot Improvements 72

Well 1D Site Improvements	74
Unforeseen Capital Projects	76

APPENDICES

Appendix A – Project List by Priority.....	79
Appendix B – CIP Priority Ranking Criteria Score Sheets	81

LIST OF FIGURES AND TABLES

Figure 1 – Opportunities for Board Direction on Capital Projects	2
Table 1 – 5-Year CIP Summary	3
Table 2 – Funding Source Requirements, User Fees.....	4
Table 3 – Funding Source Requirements, Connection Fees.....	4
Table 4A – Schedule of User Fees, Supply/Distribution Improvements, Capital Improvement Funds	5
Table 4B – Schedule of User Fees, Treatment Improvements, Capital Improvement Funds.....	5
Table 4C – Schedule of User Fees, Bldg. & Site Improvements/Vehicles, Capital Improvement Funds ...	6
Table 4D – Schedule of User Fees, Supply/Distribution, Capital Repair/Replacement Funds.....	6
Table 4E – Schedule of User Fees, Treatment Improvements, Capital Repair/Replacement Funds	7
Table 4F – Schedule of User Fees, Bldg. & Site Improvements/Vehicles, Capital Repair/Replacement Funds.....	7
Table 4G – Schedule of User Fees, Unforeseen Capital Projects, Unforeseen Capital Projects Funds	7
Table 5A – Schedule of Connection Fees, Supply/Distribution Improvements	8
Table 5B – Schedule of Connection Fees, Treatment Improvements	8

OVERVIEW

The Elk Grove Water District's (District) FY 2016 – 2020 Five-Year Capital Improvement Program (CIP) is a projection of the District's capital funding for planned capital projects in fiscal years 2015/16 through 2019/20. 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.

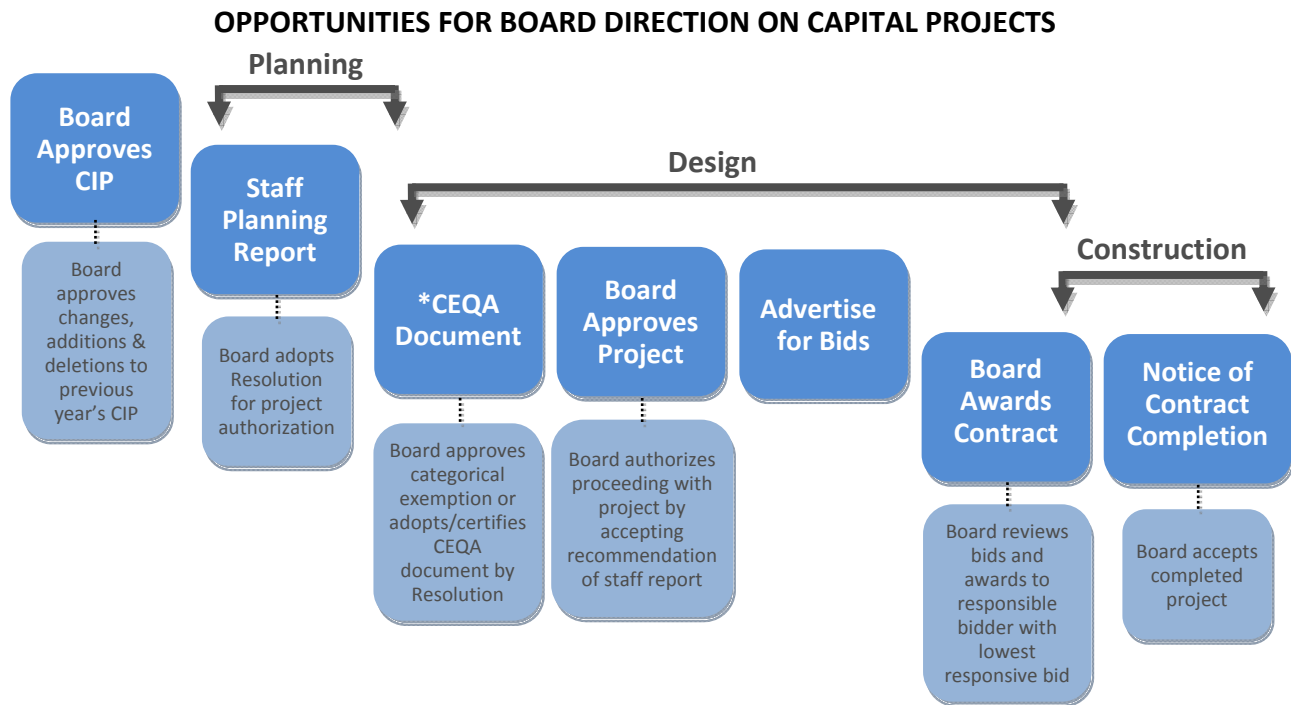
Annually, District staff members and the General Manager meet to identify projects to be included in the CIP. Each project defined in the CIP is summarized by a brief project description and justification. The project location, timing, expenditure schedule, funding source, impact on operating costs and 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 2015/16 through 2019/20. 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	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
SUPPLY / DISTRIBUTION IMPROVEMENTS							
2	Service Line Replacements <i>pg. 10</i>	450	330	-	-	-	780
3	Colton Ave/Orton St. Water Main <i>pg. 12</i>	415	-	-	-	-	415
3	Kent St. Water Main <i>pg. 14</i>	-	280	-	-	-	280
3	Truman St./Adams St. Water Main <i>pg. 16</i>	-	240	-	-	-	240
3	School/Locust/Summit Alley Water Main <i>pg. 18</i>	-	495	-	-	-	495
3	Elk Grove Blvd Grove St. Alley Water Main <i>pg. 20</i>	-	-	290	-	-	290
3	Locust St.-Elk Grove Blvd Alley/Derr St. Water Main <i>pg. 22</i>	-	-	210	-	-	210
4	Elk Grove Blvd Water Main <i>pg. 24</i>	-	-	-	500	-	500
4	8" Water Line Replacement Waterman Rd. <i>pg. 26</i>	-	-	210	-	-	210
1	Pumped-to-Waste Infrastructure - Deep Wells <i>pg. 28</i>	26	229	-	-	-	255
1	Well Rehabilitation Program (one per year) <i>pg. 30</i>	82	84	87	90	92	435
1	Well 1D Pump Conversion <i>pg. 32</i>	-	64	-	-	-	64
2	Railroad Corridor Water Line <i>pg. 34</i>	164	-	175	-	-	339
3	Backyard Water Mains/Services Replacement <i>pg. 36</i>	-	-	844	844	-	1,688
1	Hydropneumatic Tanks Refurbishments <i>pg. 38</i>	35	25	-	-	-	60
1	Well 8 Pump Conversion <i>pg. 40</i>	-	80	-	-	-	80
2	Business Center/CSDBldg. Water Main Looping <i>pg. 42</i>	175	-	-	-	-	175
3	Cadura Circle Water Main Looping <i>pg. 44</i>	-	-	-	30	-	30
3	Mormon Church Water Main Looping <i>pg. 46</i>	-	-	-	-	70	70
4	Automatic Meter Infrastructure (AMI) <i>pg. 48</i>	-	-	-	-	2,600	2,600
TREATMENT IMPROVEMENTS							
2	RRWTF Tanks & Vessels Recoating <i>pg. 50</i>	50	350	35	150	-	585
1	Media Replacement Filter Vessels <i>pg. 52</i>	-	50	50	-	-	100
1	Chlorine Tank Replacement - ClorTec Room <i>pg. 54</i>	-	-	-	80	-	80
1	VFDs - Booster Pumps Railroad Street WTF <i>pg. 56</i>	30	-	-	-	-	30
1	SCADA Improvements <i>pg. 58</i>	60	-	-	-	-	60
BUILDING & SITE IMPROVEMENTS / VEHICLES							
3	Truck Replacements <i>pg. 60</i>	120	185	170	197	225	897
2	Administration Building Improvements <i>pg. 62</i>	50	-	-	-	-	50
3	Security Infrastructure <i>pg. 64</i>	-	84	-	-	-	84
3	RRWTF Emergency Access Gate <i>pg. 66</i>	-	-	25	-	-	25
1	Frontage Road & Parking Lot Improvements <i>pg. 68</i>	60	-	-	-	-	60
1	RRWTF Modular Meeting Room & I.T. Center <i>pg. 70</i>	125	-	-	-	-	125
2	Railroad Street WTF Parking Lot Improvements <i>pg. 72</i>	283	-	-	-	-	283
5	Well 1D Site Improvements <i>pg. 74</i>	-	28	-	-	-	28
UNFORESEEN CAPITAL PROJECTS							
	Unforeseen Capital Projects <i>pg. 76</i>	200	200	200	200	200	1,000
	TOTAL	2,325	2,724	2,296	2,091	3,187	12,623
	FUNDED TOTAL (priority 1-4 projects + unforeseen)	2,325	2,696	2,296	2,091	3,187	12,595

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 4G break down **user fees** by funding sources and capital improvement programs. Tables 5A and 5B provide supporting data for Table 3. Tables 5A and 5B break down **connection fees** by capital improvement programs.

Table 2
Funding Source Requirements
User Fees

FUND	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
CAPITAL IMPROVEMENT FUNDS						
Supply/Distribution Improvements	790	559	359	530	2,670	4,908
Treatment Improvements	87	-	-	-	-	87
Building & Site Improvements/Vehicles	638	269	195	197	225	1,524
SUB-TOTAL	1,515	828	554	727	2,895	6,519
CAPITAL REPAIR/REPLACEMENT FUNDS						
Supply/Distribution Improvements	532	1,268	1,431	934	92	4,257
Treatment Improvements	50	400	85	230	-	765
Building & Site Improvements/Vehicles	-	-	-	-	-	0
SUB-TOTAL	582	1,668	1,516	1,164	92	5,022
UNFORESEEN CAPITAL PROJECT FUNDS						
Unforeseen Capital Projects	200	200	200	200	200	1,000
SUB-TOTAL	200	200	200	200	200	1,000
TOTAL	2,297	2,696	2,270	2,091	3,187	12,541

Table 3
Funding Source Requirements
Connection Fees

FUND	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
CAPITAL IMPROVEMENT FUNDS						
Supply/Distribution Improvements	25	-	26	-	-	51
Treatment Improvements	3	-	-	-	-	3
TOTAL	28	0	26	0	0	54

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

CAPITAL IMPROVEMENT FUND	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
SUPPLY / DISTRIBUTION IMPROVEMENTS						
Service Line Replacements	450	330	-	-	-	780
Elk Grove Blvd Water Main	-	-	-	500	-	500
8" Water Line Replacement Waterman Rd.	-	-	210	-	-	210
Pumped-to-Waste Infrastructure - Deep Wells	26	229	-	-	-	255
Railroad Corridor Water Line	139	-	149	-	-	288
Business Center/CSD Bldg. Water Main Looping	175	-	-	-	-	175
Cadura Circle Water Main Looping	-	-	-	30	-	30
Mormon Church Water Main Looping	-	-	-	-	70	70
Automatic Meter Infrastructure (AMI)	-	-	-	-	2,600	2,600
TOTAL	790	559	359	530	2,670	4,908

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

CAPITAL IMPROVEMENT FUND	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
TREATMENT IMPROVEMENTS						
SCADA Improvements	60	-	-	-	-	60
VFDs - Booster Pumps Railroad St. WTF	27	-	-	-	-	27
TOTAL	87	0	0	0	0	87

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

CAPITAL IMPROVEMENT FUND	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
BUILDING & SITE IMPROVEMENTS						
Truck Replacements	120	185	170	197	225	897
Administration Building Improvements	50	-	-	-	-	50
Security Infrastructure	-	84	-	-	-	84
RRWTF Emergency Access Gate	-	-	25	-	-	25
Frontage Road & Parking Lot Improvements	60	-	-	-	-	60
RRWTF Modular Meeting Room & I.T. Center	125	-	-	-	-	125
Railroad Street WTF Parking Lot Improvements	283	-	-	-	-	283
TOTAL	638	269	195	197	225	1,524

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

CAPITAL REPAIR/REPLACEMENT	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
SUPPLY / DISTRIBUTION IMPROVEMENTS						
Colton Ave/Orton St. Water Main	415	-	-	-	-	415
Kent St. Water Main	-	280	-	-	-	280
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
Well Rehabilitation Program (one per year)	82	84	87	90	92	435
Well 1D Pump Conversion	-	64	-	-	-	64
Backyard Water Mains/Services Replacement	-	-	844	844	-	1,688
Hydropneumatic Tanks Refurbishment	35	25	-	-	-	60
Well 8 Pump Conversion	-	80	-	-	-	80
TOTAL	532	1,268	1,431	934	92	4,257

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

CAPITAL REPAIR/REPLACEMENT	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
TREATMENT IMPROVEMENTS						
RRWTF Tanks & Vessels Recoating	50	350	35	150	-	585
Media Replacement Filter Vessels	-	50	50	-	-	100
Chlorine Tank Replacement ClorTec Room	-	-	-	80	-	80
TOTAL	50	400	85	230	0	765

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

CAPITAL REPAIR/REPLACEMENT	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
BUILDING & SITE IMPROVEMENTS						
None	-	-	-	-	-	0
TOTAL	0	0	0	0	0	0

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

UNFORESEEN CAPITAL PROJECTS	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
Unforeseen Capital Projects	200	200	200	200	200	1000
TOTAL	200	200	200	200	200	1,000

Table 5A
 Schedule of Connection Fees
 Supply / Distribution Improvements

CAPITAL IMPROVEMENT FUND	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
SUPPLY / DISTRIBUTION IMPROVEMENTS						
Railroad Corridor Water Line	25	-	26	-	-	51
TOTAL	25	0	26	0	0	51

Table 5B
 Schedule of Connection Fees
 Treatment Improvements

CAPITAL IMPROVEMENT FUND	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
TREATMENT IMPROVEMENTS						
VFDs - Booster Pumps Railroad St. WTF	3	-	-	-	-	3
TOTAL	3	0	0	0	0	3

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Project	Service Line Replacements
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	2
Project No.	TBD



PROJECT DESCRIPTION

The Elk Grove Water District has a number of installations where 3/4” service lines tap water mains. In some cases, a common service line tap splits at a tee fitting (or what is commonly known as a “bullhead”) to serve two (2) water meters. This project replaces all 3/4” service lines with 1” service lines, and replaces common bullhead services with separate 1” taps so that every water meter is fed individually by a 1” service.

JUSTIFICATION

This project will improve delivery of water to those services currently being served by 3/4” service line.

PROJECT LOCATION

The project is located throughout various areas of Service Area 1.



★ Project Location

SCHEDULE & STATUS

Construction of this project began in March 2014 and is expected to last through FY 2016/17.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Service Line Replacements	450	320	0	0	0	770
with inflation (3%)	450	330	0	0	0	780

Expenditure breakdown: no design costs, 100% construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	780
Total	780

OPERATING COST IMPACTS

The completion of this project is anticipated to decrease operating costs by replacing old service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. It is anticipated that the elimination of future leaks will result in an annual savings of \$25,000 over a 5-year period.

USEFUL LIFE: 25 years

Project	Colton Ave/Orton St. Water Main
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

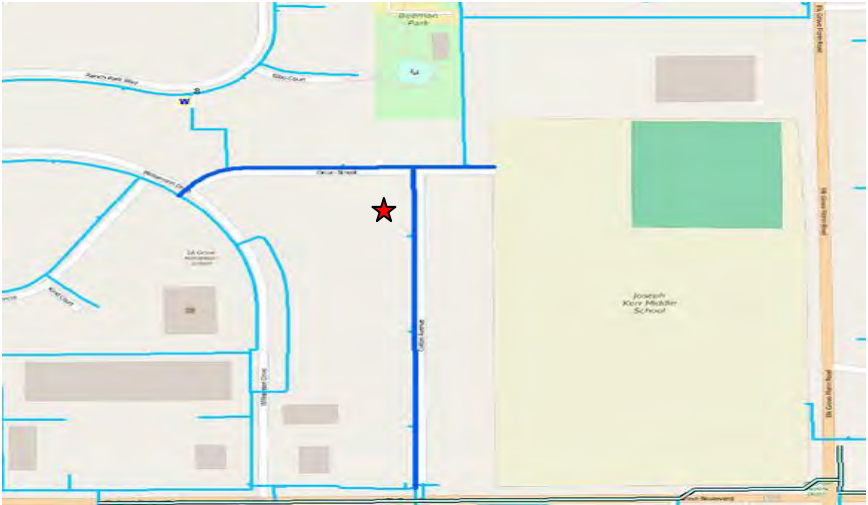
This project installs approximately 1,100 lineal feet of 8” C900 PVC water main in Colton Avenue and 700 lineal feet of 8” C900 PVC water main in Orton Street for a total 1,800 lineal feet of 8” C900 PVC water main.

JUSTIFICATION

Colton Avenue and Orton 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. Furthermore, EGWD has a capital improvement project (CIP) to replace all 3/4” service lines in the district with 1” service lines. The lots on Colton Avenue and Orton Street are served by 3/4” service lines. This project installs 8” water mains in Colton Avenue and Orton Street to current EGWD standards and replaces the 3/4” service lines with 1” service lines.

PROJECT LOCATION

The project is located on Colton Avenue and Orton Street.



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

SCHEDULE & STATUS

Construction of this project is expected to start in August 2015 and last through November 2015.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Colton Ave/Orton St. Water Main	415	0	0	0	0	415
with inflation (3%)	415	0	0	0	0	415

Expenditure breakdown: \$10,000 design, \$405,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	415
Total	415

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	Kent St. Water Main
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

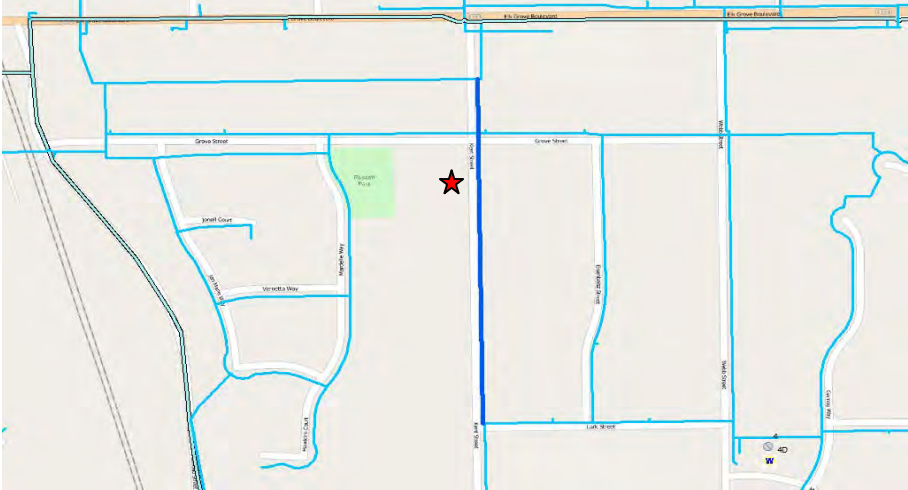
This project installs approximately 1,200 lineal feet of 8” C900 PVC water main in Kent Street.

JUSTIFICATION

Kent 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. Furthermore, EGWD has a capital improvement project (CIP) to replace all 3/4” service lines in the district with 1” service lines. The lots on Kent Street are served by 3/4” service lines. This project installs an 8” water main in Kent Street to current EGWD standards and replaces the 3/4” service lines with 1” service lines.

PROJECT LOCATION

The project is located on Kent Street.



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

SCHEDULE & STATUS

Construction of this project is expected to start in July 2016 and last through September 2016.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Kent St. Water Main	0	272	0	0	0	272
with inflation (3%)	0	280	0	0	0	280

Expenditure breakdown: \$7,000 design, \$272,500 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	280
Total	280

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	Truman St./Adams St. Water Main
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

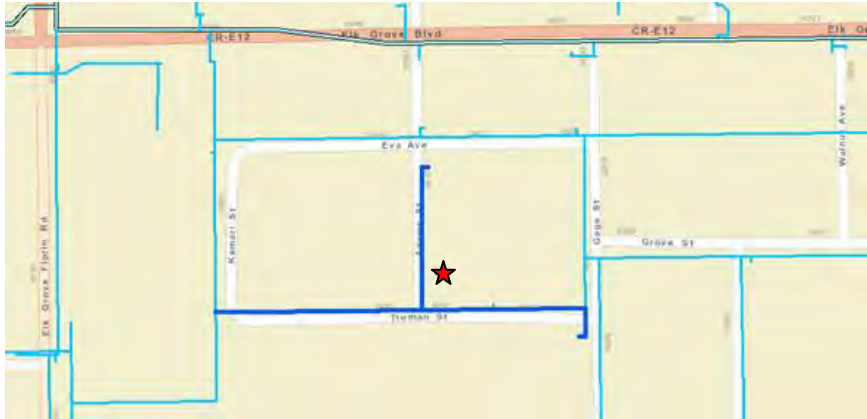
This project installs approximately 700 lineal feet of 8” C900 PVC water main in Truman Street and 325 lineal feet of 8” C900 PVC water main in Adams Street for a total 1,025 lineal feet of 8” C900 PVC water main.

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. Furthermore, EGWD has a capital improvement project (CIP) to replace all 3/4" service lines in the district with 1” service lines. 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.

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 expected to start in October 2016 and last through January 2017.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Truman St./Adams St. Water Main	0	233	0	0	0	233
with inflation (3%)	0	240	0	0	0	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	1
Project No.	TBD



PROJECT DESCRIPTION

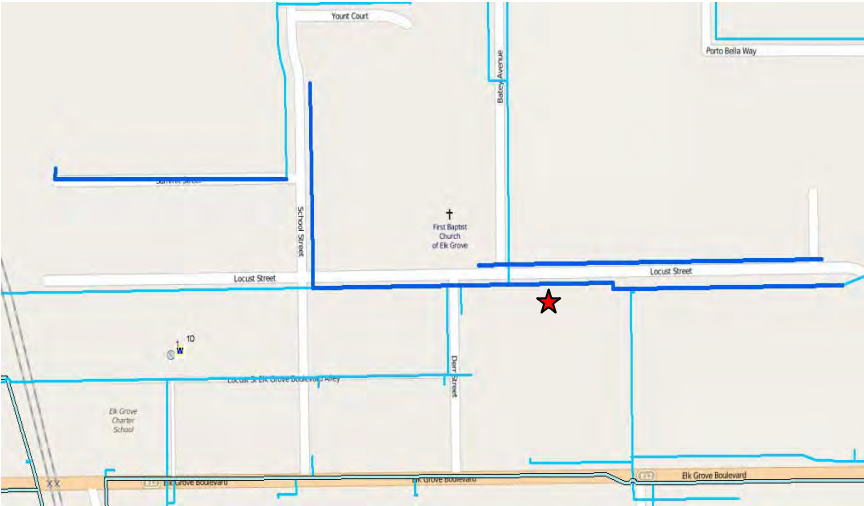
This project installs approximately 225 lineal feet of 8” C900 PVC water main in School Street, 1,300 lineal feet of 8” C900 PVC water main in Locust Street, and 625 lineal feet of 8” C900 PVC water main in Summit St. Alley for a total 2,150 lineal feet of 8” C900 PVC water main.

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. Furthermore, EGWD has a capital improvement project (CIP) to replace all 3/4” service lines in the district with 1” service lines. 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 expected to start in February 2017 and last through June 2017.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
School/Locust/Summit Alley Water Main	0	481	0	0	0	481
with inflation (3%)	0	495	0	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	1
Project No.	TBD



PROJECT DESCRIPTION

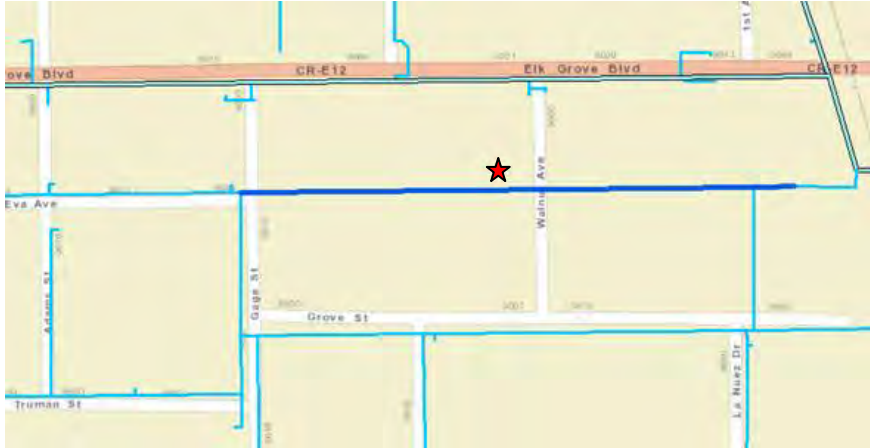
This project installs approximately 900 lineal feet of 8” C900 PVC water main in Elk Grove Blvd Grove St. Alley.

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. Furthermore, EGWD has a capital improvement project (CIP) to replace all 3/4” service lines in the district with 1” service lines. 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 expected to start in July 2017 and last through August 2017.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Elk Grove Blvd Grove St. Alley Water Main	0	0	273	0	0	273
with inflation (3%)	0	0	290	0	0	290

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

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital 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	1
Project No.	TBD



PROJECT DESCRIPTION

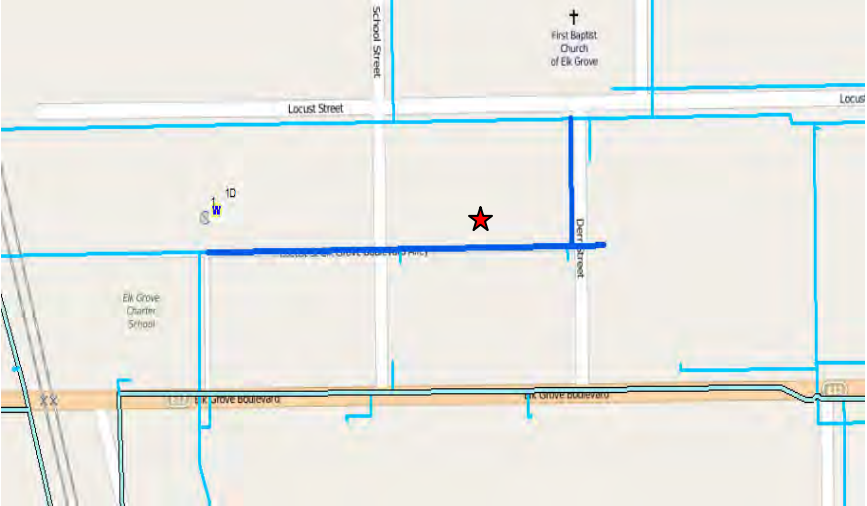
This project installs approximately 725 lineal feet of 8” C900 PVC water main in Locust St.-Elk Grove Blvd Alley and 175 lineal feet of 8” C900 PVC water main in Derr Street.

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. This project installs an 8” water main in Locust St.-Elk Grove Blvd Alley and Derr Street to current EGWD standards.

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 expected to start in September 2017 and last through October 2017.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
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.	TBD



PROJECT DESCRIPTION

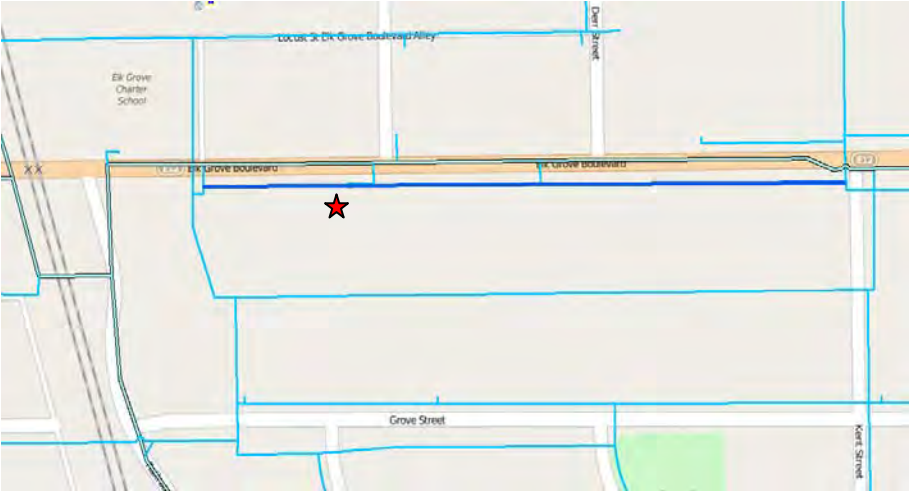
This project installs approximately 1,300 lineal feet of 8” water main on the south side of Elk Grove Blvd. between the Union Pacific Railroad tracks and Kent St, and installs water meters on the front side of the properties along this stretch.

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.



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

SCHEDULE & STATUS

Construction of this project is expected to occur in FY 2018/19.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
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	8" Water Line Replacement Waterman Rd.
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	4
Project No.	TBD



PROJECT DESCRIPTION

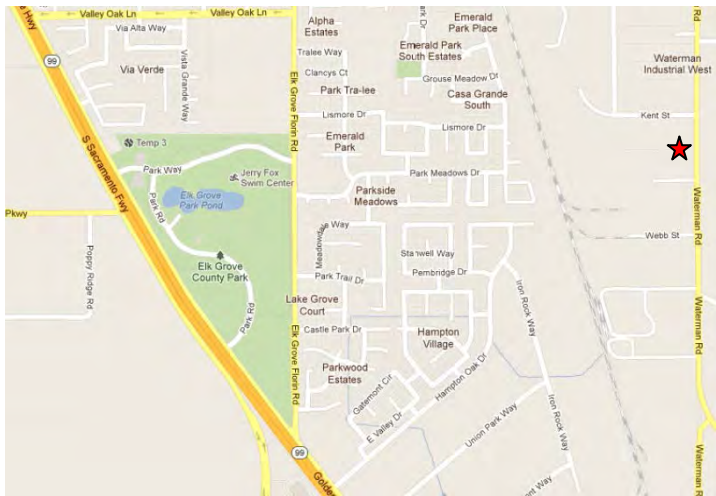
This project replaces approximately 900 feet of 8" water line with a 12" water line on Waterman Rd. between Brinkman Ct. and Kent St.

JUSTIFICATION

The District is planning to provide water service to a large industrial parcel at the end of Brinkman Ct. with a 12" line connected to the Railroad Corridor Water Line. The plans include bringing water service in from the other side of the parcel by extending an existing 12" water line on Brinkman Ct. The Brinkman 12" water line tees off of an existing 8" water main on Waterman Rd. Replacing a section of the existing 8" water main on Waterman Rd. with a 12" water main would allow water from the Railroad Corridor Water Line to more effectively flow to the industrial customers that reside on Kent St. and Dino Dr.

PROJECT LOCATION

The location for this project is near Waterman Rd. and Brinkman Ct., Elk Grove, California.



SCHEDULE & STATUS

Design and construction is expected to occur in FY 2017/18.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
8" Water Line Replacement Waterman Rd.	0	0	198	0	0	198
with inflation (3%)	0	0	210	0	0	210

Expenditure breakdown: \$8,000 design, \$202,000 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 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	Pumped-to-Waste Infrastructure - Deep Wells
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

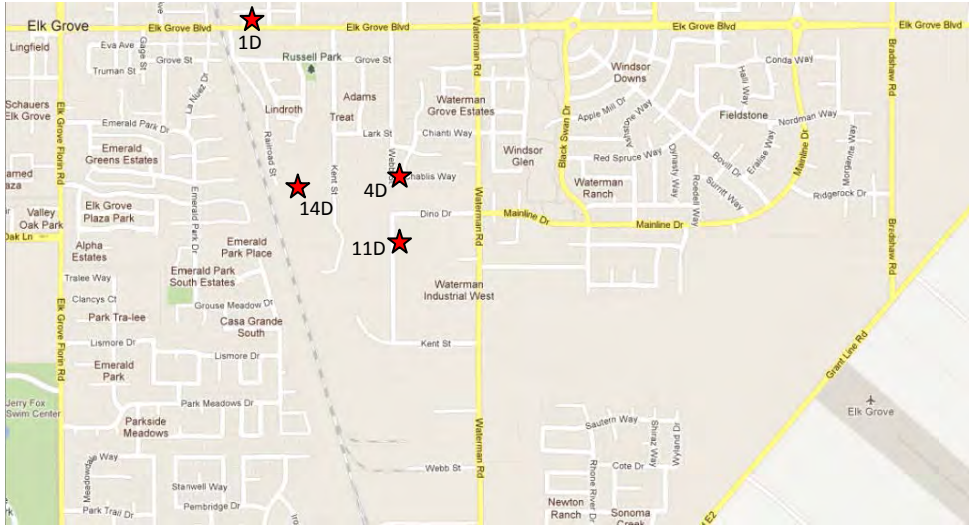
This project modifies well discharge piping and storm drain piping to allow the deep wells (Well 1D, Well 4D, Well 11D, and Well 14D) to be temporarily pumped to the storm drain system.

JUSTIFICATION

Section 64560 of Title 22, California Code of Regulations, states that “each new public water supply well shall be installed such that provisions are made to allow the well to be pumped to waste with a waste discharge line that is protected against backflow.” In addition, periodic well maintenance requires that treatment personnel flush the wells to waste. Permanent “pumped-to-waste” infrastructure is needed for periodic flushing of the deep wells, and for compliance with Title 22.

PROJECT LOCATION

The locations of the four (4) deep wells are shown on the map below.



★ Project Location

SCHEDULE & STATUS

Engineering is scheduled for FY 2015/16 and construction for FY 2016/17.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Pumped-to-Waste Infrastructure – Deep Wells	26	222	0	0	0	248
with inflation (3%)	26	229	0	0	0	255

Expenditure breakdown: \$26,000 design, \$229,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	255
Total	255

OPERATING COST IMPACTS

The completion of this project will not increase or decrease operating costs as the project does not change the current modes of operation.

USEFUL LIFE: 50 years

Project	Well Rehabilitation Program (one per year)
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

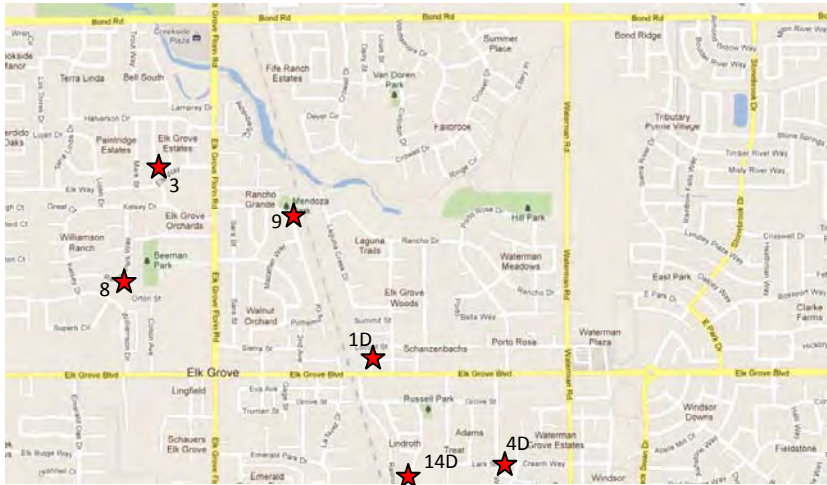
The well rehabilitation program provides for one well rehabilitation project each year.

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

Preliminary engineering, final design and construction are recurring on an annual basis.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Well Rehabilitation Program	82	82	82	82	82	410
with inflation (3%)	82	84	87	90	92	435

Expenditure breakdown: \$25,000 design, \$410,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	435
Total	435

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 (for each rehabilitated well)

Project	Well 1D Pump Conversion
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

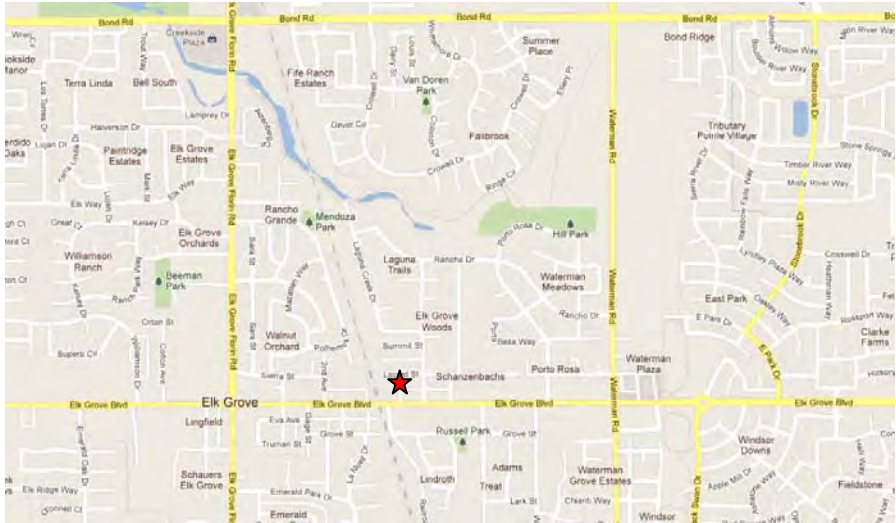
This project converts the vertical turbine pump of Well 1D (School Street Deep Well) from an oil-lubricated system to a water-lubricated system.

JUSTIFICATION

Well 1D is an active, permitted deep well with a depth of 1,025 feet and a flow rate of approximately 1,900 gpm. The vertical, turbine pump in Well 1D is oil lubricated. Oil lubrication in domestic water pumps can cause bacteriological contamination of the drinking water, particularly after the pump has been idle for an extended period of time.

PROJECT LOCATION

The address for Well 1D is 9085 Elk Grove Blvd., Elk Grove, California. The assessor’s parcel number is APN 12502530020000.



★ Project Location

SCHEDULE & STATUS

Preliminary engineering, final design and construction are scheduled to occur in FY 2016/17.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Well 1D Pump Conversion	0	62	0	0	0	62
with inflation (3%)	0	64	0	0	0	64

Expenditure breakdown: \$10,000 design, \$54,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	64
Total	64

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	Railroad Corridor Water Line
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	2
Project No.	TBD



PROJECT DESCRIPTION

This project completes the installation of a 16” to 18” diameter transmission main that connects the Railroad Street WTF to points of connection (POC) along the most southeastern side of the District’s water distribution system at Falcon Meadow Dr. and Provencial Court. The following lengths of pipe are already installed: 2,600 lineal feet (LF) of 18” pipe, 400 LF of 16” pipe and 150 LF of 12” pipe. This project covers the remaining work to complete the transmission main and includes installation of 100 LF of 18” pipe, 600 LF of 16” pipe, 100 LF of 12” pipe, one (1) 28” diameter x 60 LF boring and one (1) 26” diameter x 115 LF boring.

JUSTIFICATION

This project will enhance the District’s water distribution system by facilitating the movement of treated water from the Railroad Street WTF to areas of demand. Computer modeling shows that undeveloped property totaling 68 acres will receive 10 to 15% of the water in the transmission main based on typical water usage from a future industrial tenant. The remainder of water would go to residential water consumers.

PROJECT LOCATION

The project is located in the corridor along the west side of the Southern Pacific Railroad tracks from the Railroad Street WTF to a POC of the water distribution system at Provencial Ct.



★ Project Location

SCHEDULE & STATUS

Completion of the transmission main is scheduled for FY2015/16. The second railroad crossing is scheduled for FY2017/18.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Railroad Corridor Water Line	164	0	165	0	0	329
with inflation (3%)	164	0	175	0	0	339

Expenditure breakdown: \$15,000 design, \$324,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	288

CONNECTION FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	51
Total	339

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



PROJECT DESCRIPTION

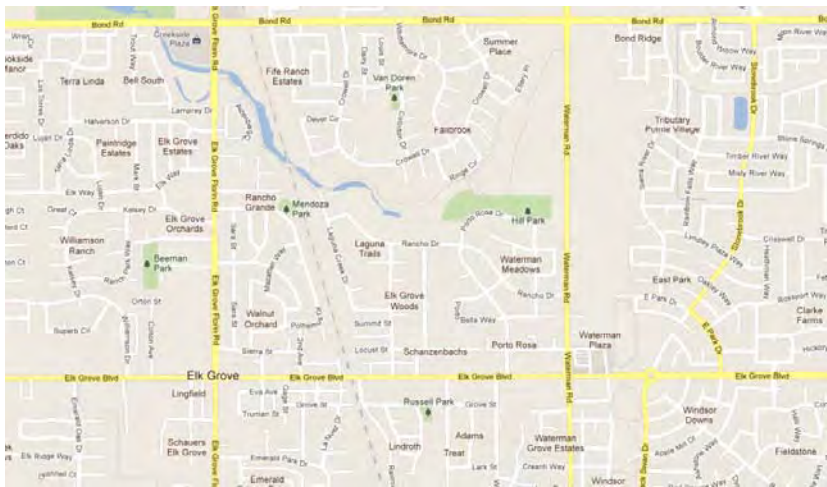
This project replaces existing 4” water mains with larger diameter water mains and relocates the mains from backyard public utilities easements to rights-of-ways in the streets. Water services will be moved from the backyards to the front sides of homes.

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 Melrose Avenue, 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 to occur in FY 2016/17 and FY 2017/18.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Backyard Water Mains/Services Replacements	0	0	796	772	0	1,568
with inflation (3%)	0	0	844	844	0	1,688

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

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	1,688
Total	1,688

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	Hydropneumatic Tanks Refurbishment
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

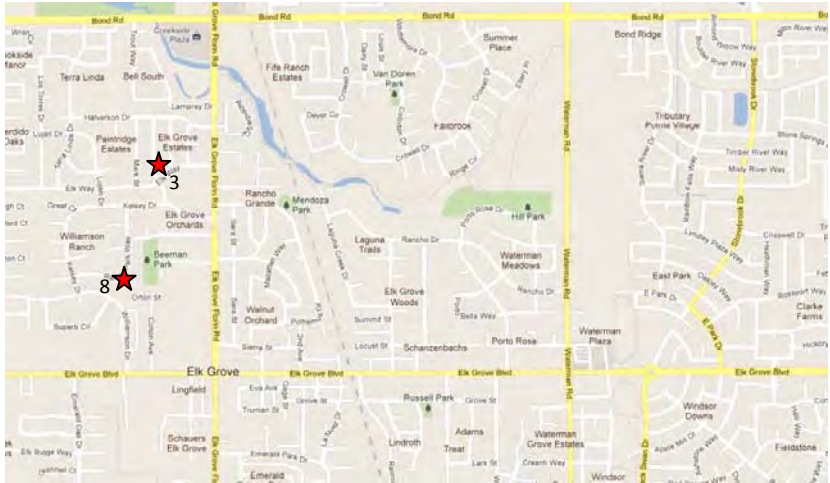
This project inspects the structural integrity of the hydropneumatic tanks at Well 3 and Well 8 and refurbishes the tanks to extend their useful lives.

JUSTIFICATION

This project inspects the hydropneumatic tanks at the well sites for structural integrity. The hydropneumatic tank at Well 8 has some external corrosion that is difficult to see where the tank rests on the concrete pedestal saddles. This tank will have to be lifted and temporarily reset in an offset position to examine the corrosion. In addition, the coatings of hydropneumatic tanks deteriorate with age. This project recoats the tanks to extend the tanks’ useful lives.

PROJECT LOCATION

Project locations are at the following well sites: Well 3 and Well 8.



★ Project Location

SCHEDULE & STATUS

This project inspects and refurbishes the Well 8 hydropneumatic tank in FY 2015/16 and the Well 3 hydropneumatic tank in FY 2016/17.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Hydropneumatic Tanks Refurbishments	35	24	0	0	0	59
with inflation (3%)	35	25	0	0	0	60

Expenditure breakdown: no design costs, 100% construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	0
▪ Supply / Distribution Improvements	60
Total	60

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	Well 8 Pump Conversion
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

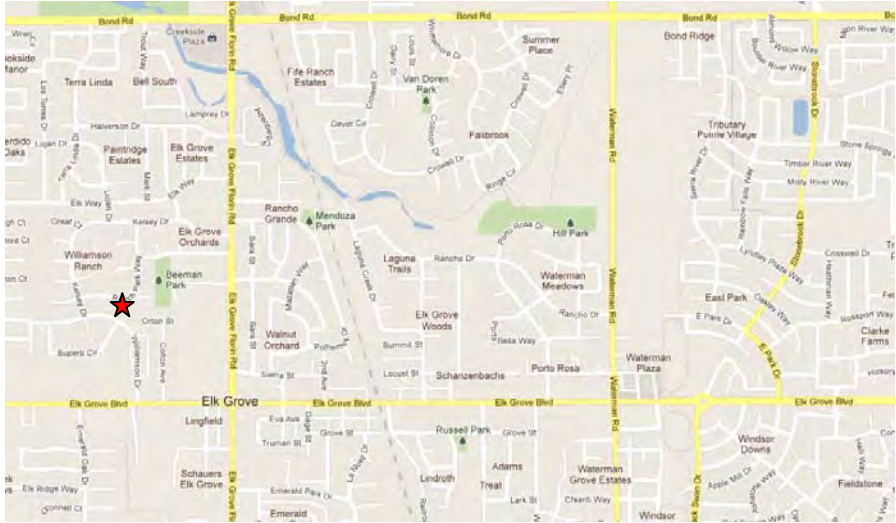
This project converts the pump at Well 8 from a vertical turbine pump to a submersible pump.

JUSTIFICATION

Well 8 is currently equipped with a 75 hp vertical turbine pump with a design rate of 850 gpm at 252 feet of head. Well 8 has a history of producing of sand, especially during startup. This project would replace the 75 hp vertical turbine pump with a 40 hp submersible pump designed to pump 475 gpm at 268 feet head. The submersible pump would also have a downhole sand separator installed. The reduced flow capacity of the submersible pump would allow Operations to run the pump more constantly with fewer starts and stops, and would reduce sand production from the well. This project is identical to what was successfully accomplished at Well 9 in 2012.

PROJECT LOCATION

The address for Well 8 is 9457 Ranch Park Way, Elk Grove, California. The assessor’s parcel number is APN 12504100610000.



★ Project Location

SCHEDULE & STATUS

Preliminary engineering, final design and construction are scheduled to occur in FY 2016/17.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Well 8 Pump Conversion	0	78	0	0	0	78
with inflation (3%)	0	80	0	0	0	80

Expenditure breakdown: \$5,000 design, \$75,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	80
Total	80

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	Business Center/CSD Bldg. Water Main Looping
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	2
Project No.	TBD



PROJECT DESCRIPTION

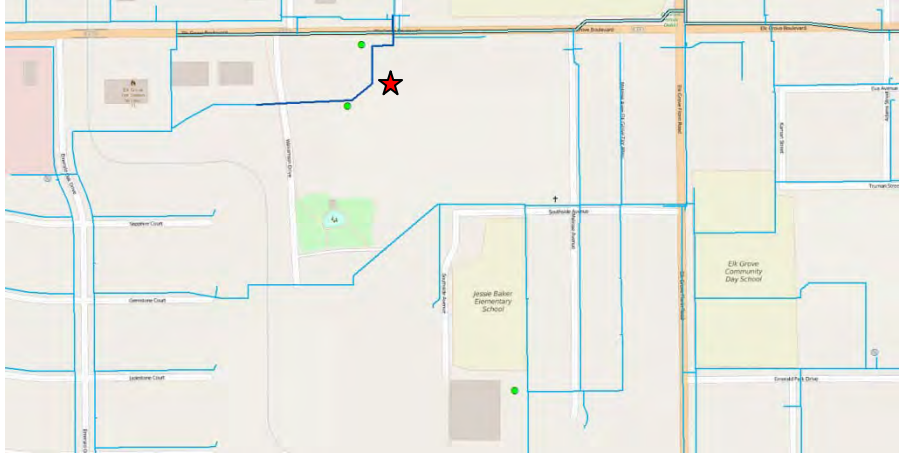
This project installs approximately 700 lineal feet of 8” C900 PVC water main to connect a dead-end water main at The Business Center to a 12” water main stub at Elk Grove Blvd and Colton Avenue. The new water main loop includes installing two (2) new hydrants at the Cosumnes CSD Administration Building.

JUSTIFICATION

Water system performance and water quality will be enhanced by connecting an 8” dead-end main at The Business Center to a 12” water main stub at Elk Grove Blvd and Colton Avenue. 700 lineal feet of 8” water main will be aligned in an L-shaped pattern between the dead-end main at The Business Center and the 12” point-of-connection (POC) at Elk Grove Blvd. The 12” POC is located on the north side of Elk Grove Blvd. Therefore, 100 lineal feet of horizontal directional drilling will be required to install the 8” water main across Elk Grove Blvd. Two (2) new hydrants will be installed along this new section of water main to provide closer hydrant access for the CSD Administration Bldg. Additionally, a new hydrant will be installed on the east side of the Project R.I.D.E. equestrian arena as part of this project.

PROJECT LOCATION

The project is located near the Cosumnes CSD Administration Bldg. and Project R.I.D.E..



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

SCHEDULE & STATUS

Preliminary engineering, final design and construction are scheduled to occur in FY 2015/16.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Business Center/CSD Bldg. Water Main Looping	175	0	0	0	0	175
with inflation (3%)	175	0	0	0	0	175

Expenditure breakdown: \$5,000 design, \$170,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	175
Total	175

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	2
Project No.	TBD



PROJECT DESCRIPTION

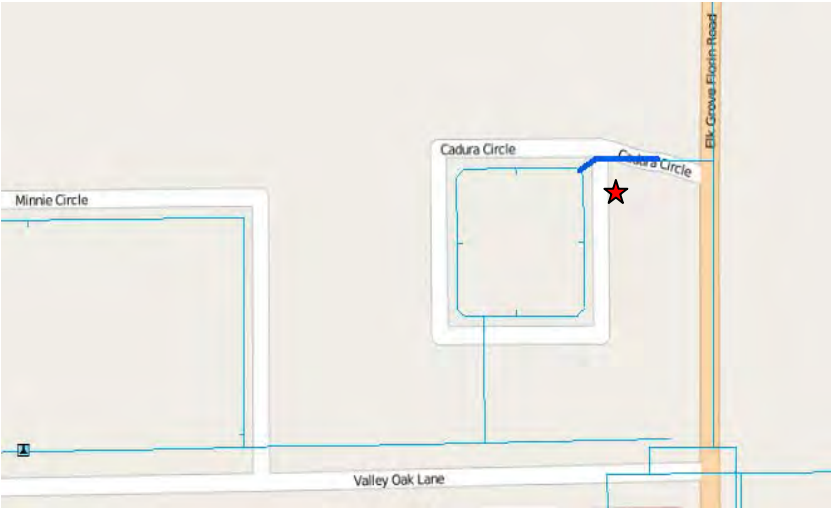
This project installs approximately 130 lineal feet of 8” C900 PVC water main to provide a water main loop so that Cadura Circle is fed by two (2) water mains.

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 main stub off of Elk Grove-Florin Road to Cadura Circle to enhance water system performance and water quality.

PROJECT LOCATION

The project is located Cadura Circle.



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

SCHEDULE & STATUS

Preliminary engineering, final design and construction are scheduled to occur in FY 2018/19.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Cadura Circle Water Main Looping	0	0	0	27	0	27
with inflation (3%)	0	0	0	30	0	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	2
Project No.	TBD



PROJECT DESCRIPTION

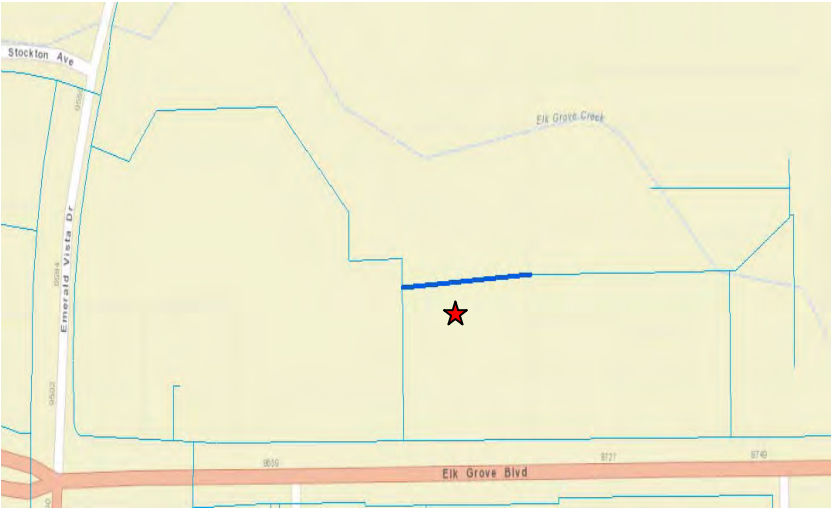
This project installs approximately 300 lineal feet of 8” C900 PVC water main to connect two (2) dead-end mains along the property of the Mormon Church on Elk Grove Blvd.

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 2019/20.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Cadura Circle 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

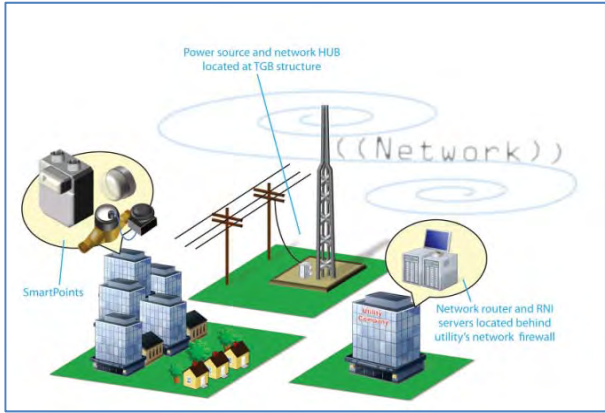
Capital Improvement Funds	
▪ Supply / Distribution Improvements	70
Total	70

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	Automatic Meter Infrastructure
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	4
Project No.	TBD



PROJECT DESCRIPTION

This project installs automatic meter infrastructure so that meter reading becomes an automated function and water customers have access to real-time water usage.

JUSTIFICATION

Automatic meter infrastructure (AMI) is a powerful tool to increase meter reading efficiency and enhance customer service. Automatic meter infrastructure is part of a “smart grid” technology that transforms the relationship between the water utility and consumers. AMI allows consumers to get real-time water usage data to help guide their water usage decisions. Utilities can notify customers when they’ve exceeded water usage thresholds. The real-time information can lead to improved water conservation and customer satisfaction.

PROJECT LOCATION

The automatic meter infrastructure project covers all areas of the Elk Grove Water District.



★ Project Location

SCHEDULE & STATUS

This project is planned for construction in FY 2019/20.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Automatic Meter Infrastructure	0	0	0	0	2,300	2,300
with inflation (3%)	0	0	0	0	2,600	2,600

Expenditure breakdown: \$100,000 design, \$2,500,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	2,600
Total	2,600

OPERATING COST IMPACTS

It is anticipated that the completion of an automatic meter infrastructure project would decrease operating costs by an estimated \$75,000 per year by eliminating activities associated with meter reading.

USEFUL LIFE: 20 years

Project	RRWTF Tanks & Vessels Recoating
Funding Type	Capital Repair/Replacement Funds
Program	Treatment Improvements
Priority	2
Project No.	TBD



PROJECT DESCRIPTION

This project recoats the exteriors and interiors of the two 2-million gallon water storage tanks, the 190,000-gallon backwash tank, and six 5000-gallon filter vessels at the Railroad Street Water Treatment Facility (RRWTF).

JUSTIFICATION

The tanks and vessels at the RRWTF were constructed in year 2005. The exterior and interior coatings of these tanks and vessels are nearly ten years old. External corrosion where fragments of the coating have separated from the storage tanks and exposed the base metal was noted during an inspection. Internal corrosion in the storage tanks above the water line and along the roof rafters was noted during inspections performed by divers. Recoating the storage tanks, the backwash tank and filter vessels is necessary to maintain the useful lives of the tanks and vessels. Engineering will look at the potential benefits of protecting the storage tanks and backwash tank with cathodic protection prior to recoating.

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

Engineering is scheduled for FY 2015/16 to develop the recoating specifications and assess if cathodic protection should be installed on the storage tanks. Recoating of the two 2-million gallon storage tanks is scheduled for FY 2016/17. Engineering to develop the recoating specifications and assess if cathodic protection should be installed on the backwash tank is scheduled for FY 2017/18. Recoating of the backwash tank and six filter vessels is scheduled for FY 2018/19.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
RRWTF Tanks & Vessels Recoating	50	340	33	137	0	560
with inflation (3%)	50	350	35	150	0	585

Expenditure breakdown: \$85,000 engineering, \$500,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	585
Total	585

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	Media Replacement Filter Vessels
Funding Type	Capital Repair/Replacement Funds
Program	Treatment Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

This project replaces the media in the filter vessels of Filter Train B and Filter Train C at the Railroad Street Water Treatment Facility (RRWTF). Each filter train contains two (2) filter vessels; therefore, the total number of filter vessels for media replacement is four (4).

JUSTIFICATION

Filter media typically has a useful life of 10 years. The RRWTF was built in 2005 with three (3) filter trains – Filter Trains A, B, and C. In 2012, Filter Train D was added to the RRWTF. The filter vessels of Filter Trains B and C contain their original media, a proprietary product called Metalease. This project changes out the media in the filter vessels of Filter Trains B and C to GreensandPlus. GreensandPlus is the most commonly used media in the water industry to remove manganese and iron. This project will make the use of GreensandPlus media consistent throughout all filter trains, and provide for needed maintenance on the RRWTF’s water treatment equipment.

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 expected to occur on one filter train in FY 2016/17 and the other in FY 2017/18.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Media Replacement Filter Vessels	0	49	47	0	0	96
with inflation (3%)	0	50	50	0	0	100

Expenditure breakdown: no design costs, 100% construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	100
Total	100

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	Chlorine Tank Replacement ClorTec Room
Funding Type	Capital Repair/Replacement Funds
Program	Treatment Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

This project replaces the 6,000-gallon fiberglass, sodium hypochlorite tank of the ClorTec system at the Railroad Street Water Treatment Facility (RRWTF).

JUSTIFICATION

The resin in the sodium hypochlorite tank is failing. The tank was repaired once already in the summer of 2011 for the same problem. Resin failure in fiberglass tanks storing sodium hypochlorite is a documented problem. It is imperative that the right fiberglass resin be used when manufacturing the tank. If not, studies show that structural damage to the tank can occur in 3 to 5 years. Because of structural concerns, the fiberglass tank requires replacement. In addition, the salt/brine tank will require replacement because it is blocking access to the sodium hypochlorite tank. Modifications to eliminate this problem in the future are part of this project. (Note: Placing a polyethylene liner in the tank is a temporary repair solution that can prolong the need for immediate replacement which is why the timing of this project has been deferred to FY 2018/19.)

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 expected to occur in FY 2018/19.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Chlorine Tank Replacement ChlorTec Room	0	0	0	73	0	73
with inflation (3%)	0	0	0	80	0	80

Expenditure breakdown: no design costs, 100% construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	80
Total	80

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	VFDs – Booster Pumps Railroad Street WTF
Funding Type	Capital Improvement Funds
Program	Treatment Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

Construction of this project began in the last quarter of FY 2014/15. However, it is expected the project will not be completed until the first quarter of FY 2015/16. Therefore, this project is being carried over to FY 2015/16. This project adds variable frequency drives (VFDs) to two (2) booster pumps at the Railroad Street Water Treatment Facility (WTF) and reviews control logic relative to the operation of the booster pumps.

JUSTIFICATION

The Railroad Street WTF is equipped with ten (10) booster pumps. The booster pumps maintain water pressures at or near the location of the WTF of approximately 65 psi to 70 psi. As pressure in the system falls, a SCADA signal starts Pump 1 and then Pump 2, if necessary, to maintain pressure. Thereafter, Pump 3 through Pump 10 starts on an as-needed basis to maintain system pressure. Under the current operating practice, the booster pumps run at full speed even during periods of low water demand and cause short cycling. Installing a VFD on Pump 1 would allow the booster pump to match pump performance to low water demand and smooth out pump operation.

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

Construction of this project was started in the last quarter of FY 2014/15 and will be completed in the first quarter of FY 2015/16.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
VFDs – Booster Pumps Railroad St. WTF	30	0	0	0	0	30
with inflation (3%)	30	0	0	0	0	30

Expenditure breakdown: \$30,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Treatment Improvements	27

CONNECTION FEES & CAPACITY CHARGES

Capital Improvement Funds	
▪ Treatment Improvements	3
Total	30

OPERATING COST IMPACTS

The completion of this project is anticipated to decrease operating costs by an estimated \$13,000 per year as a result of reduced electrical and maintenance costs (soft starts) associated with the project.

(Estimate breakdown: \$12,000 electrical, \$1,000 maintenance)

USEFUL LIFE: 20 years

Project	SCADA Improvements
Funding Type	Capital Improvement Funds
Program	Treatment Improvements
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

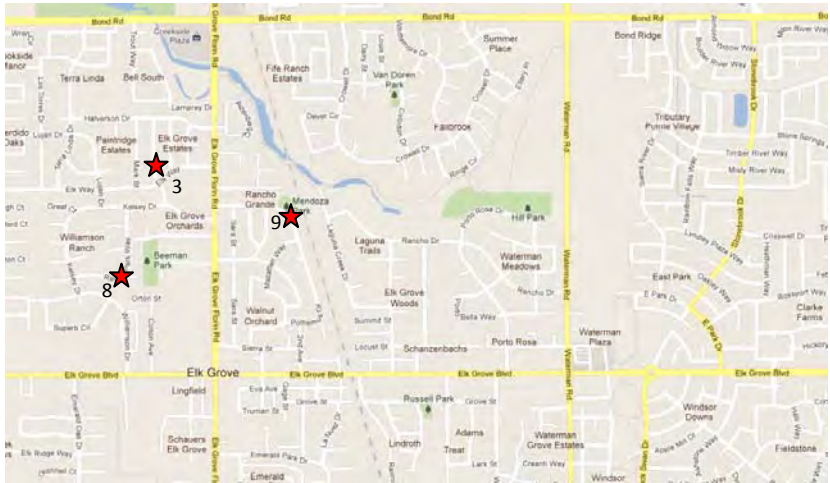
Construction of this project began in the last quarter of FY 2014/15. However, it is expected the project will not be completed until the first quarter of FY 2015/16. Therefore, this project is being carried over to FY 2015/16. This project makes improvements to the supervisory control and data acquisition (SCADA) system at the District’s shallow wells.

JUSTIFICATION

The SCADA system provides monitoring and control of wells within the District’s water system. Currently, the District’s active shallow wells (Wells 3, 8 and 9) have minimal SCADA functions that monitor flow rates at the wells, static and pumping water levels. SCADA improvements, including intrusion protection, will give treatment operators greater control and flexibility to manage the District’s water system.

PROJECT LOCATION

The project locations are the shallow wells within the District, some of which are shown below, and the Railroad Street Water Treatment Facility.



★ Project Location

SCHEDULE & STATUS

Construction of this project was started in the last quarter of FY 2014/15 and will be completed in the first quarter of FY 2015/16.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
SCADA Improvements	60	0	0	0	0	60
with inflation (3%)	60	0	0	0	0	60

Expenditure breakdown: \$60,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Treatment Improvements	60
Total	60

OPERATING COST IMPACTS

The completion of this project is anticipated to decrease operating costs by an estimated \$11,000 per year as a result of reduced labor costs associated with the project.

USEFUL LIFE: 20 years

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



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 age and not mileage. EGWD typically keeps trucks for 10 years. The following are trucks planned for replacement over the next five years.

FY 15/16

Truck 107 – 2004 Chevy 3500 – 71,000 Miles – 1 Ton- \$60K

Truck 108 – 2004 Chevy 3500 – 55,000 Miles – 1 Ton - \$60K

FY 16/17

Truck 102 – 2007 Chevy 3500 – 65,000 Miles – 1 Ton - \$60K

Truck 304 – 2006 Chevy 2500 – 55,000 Miles – ¾ Ton - \$60K

Truck 401 – 2007 Chevy C2500 – 51,000 Miles – ¾ Ton - \$60K

FY 17/18

Truck 301 – 2006 Chevy 3500 – 33,000 Miles – 1 Ton - \$60K

Truck 303 – 2006 Ford F650 – 33,000 Miles – Dump Truck - \$100K

FY 18/19

Truck 302 – 2006 Chevy 3500 – 33,000 Miles – 1 Ton - \$60K

Truck 403 – 2007 Chevy Tahoe – 34,000 Miles – SUV - \$60K

Truck 402 – 2008 Ford F250 – 61,000 Miles – ¾ Ton - \$60K

FY 19/20

Truck 407 – 2008 Ford F550 – 18,000 Miles – Dump Truck - \$100K

Truck 405 – 2007 Ford F550 – 16,000 Miles – Dump Truck - \$100K

PROJECT LOCATION

This work vehicle covers 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
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Truck Replacements	120	180	160	180	200	840
with inflation (3%)	120	185	170	197	225	897

Expenditure breakdown: no design, 100% purchase

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	897
Total	897

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



PROJECT DESCRIPTION

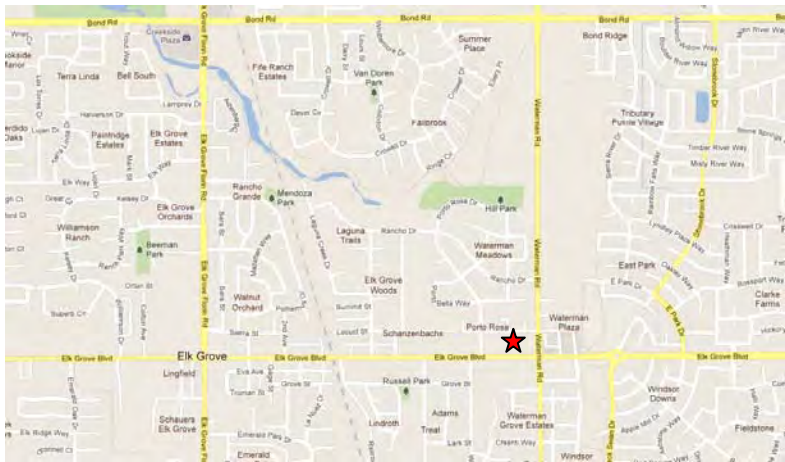
This project upgrades the security of the District’s administration building.

JUSTIFICATION

The District’s administration building lacks security, particularly in the lobby area. This project improves security by adding security features to the lobby area, and to the building in general.

PROJECT LOCATION

The address for the administration building is 9257 Elk Grove Blvd, #A, Elk Grove, California.



★ Project Location

SCHEDULE & STATUS

This project is a carry-over from last fiscal year and is now planned for construction in FY 2015/16.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Administration Building Improvements	50	0	0	0	0	50
with inflation (3%)	50	0	0	0	0	50

Expenditure breakdown: \$50,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	50
Total	50

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: 25 years

Project	Security Infrastructure
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	3
Project No.	TBD



PROJECT DESCRIPTION

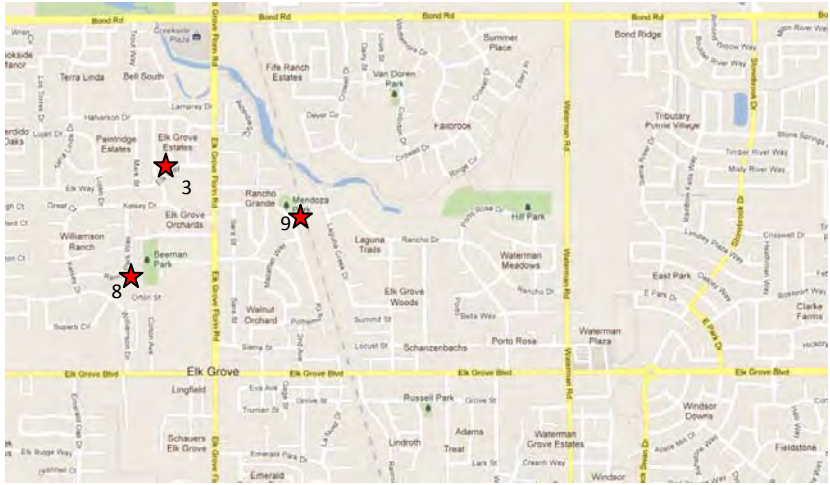
This project improves security of the District’s facilities.

JUSTIFICATION

The District is responsible for providing the public with a safe and reliable water supply. Public water systems are at risk to acts of vandalism and intrusion. The District currently has security cameras and alarm systems at the deep well sites. The cameras are linked to the District’s SCADA system at the Railroad Street Water Treatment Facility. This allows District staff to remotely monitor and record activity at these well sites. The alarm system is currently controlled by an outside security firm. The District would be well served by putting in cameras and alarm systems at the shallow well sites also. It may be economically justifiable to integrate the alarm system as part of the District’s SCADA, and eliminate the need for an outside security firm.

PROJECT LOCATION

The project locations are the shallow wells within the District, some of which are shown below, and the Railroad Street Water Treatment Facility.



★ Project Location

SCHEDULE & STATUS

Engineering, design, and construction are expected to occur in FY 2016/17.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Security Infrastructure	0	82	0	0	0	82
with inflation (3%)	0	84	0	0	0	84

Expenditure breakdown: \$17,000 design, \$67,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	84
Total	84

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	RRWTF Emergency Access Gate
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	3
Project No.	TBD



PROJECT DESCRIPTION

This project installs an additional 15' wide access gate to the Railroad Water Treatment Facility (RRWTF) on the rear side (east side) of the RRWTF site.

JUSTIFICATION

The RRWTF site has only one access gate located at the front of the property. In the event of an emergency that rendered Railroad Street unusable, personnel at the RRWTF could be trapped and unable to provide services, including emergency services, to Elk Grove Water District customers. Having a secondary access gate located on the rear side of the RRWTF site would provide District personnel an accessible path during an emergency event.

PROJECT LOCATION

The project location is at the Railroad Street Water Treatment Facility.



★ Project Location

SCHEDULE & STATUS

Engineering, design, and construction are expected to occur in FY 2017/18.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
RRWTF Emergency Access Gate	0	0	24	0	0	24
with inflation (3%)	0	0	25	0	0	25

Expenditure breakdown: \$25,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	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 significantly alter the existing facilities or modes of operation.

USEFUL LIFE: 20 years

Project	Frontage Road & Parking Lot Improvements
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

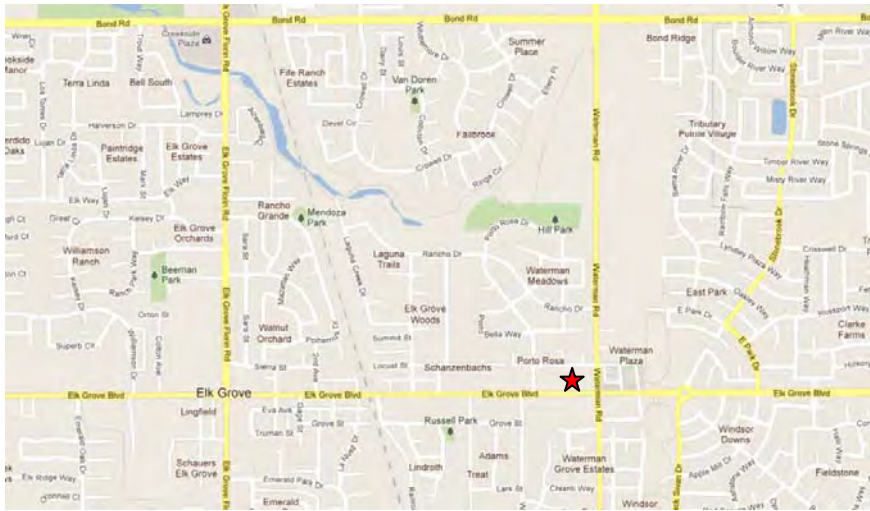
This project improves the frontage and parking lot of the District’s property at the site of the administration building.

JUSTIFICATION

Uneven ground and gravel are the existing surface conditions of the frontage along Elk Grove Blvd. at the District’s administration building. The existing surface conditions do not provide an adequate walking surface and present a safety hazard to pedestrians, particularly disabled people. The existing surface conditions do not provide adequate drainage. The parking lot at the administration building contains numerous fractures in the asphalt concrete pavement, and needs to be striped. The City of Elk Grove is scheduled to make frontage improvements along Elk Grove Blvd. in year 2012. The City has invited the District to use their contracted design and construction services to pay on a pro rata basis for the District’s portion of improvements. Such an arrangement would take advantage of an economy of scale associated with the project.

PROJECT LOCATION

The address for the administration building is 9257 Elk Grove Blvd, #A, Elk Grove, California.



★ Project Location

SCHEDULE & STATUS

This project is a carry-over from last fiscal year and is now planned for construction in FY 2015/16.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Frontage Road & Parking Lot Improvements	60	0	0	0	0	60
with inflation (3%)	60	0	0	0	0	60

Expenditure breakdown: \$10,000 design, \$50,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	60
Total	60

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 (AC paving)
50 years (Frontage improvements)

Project	RRWTF Modular Meeting Room & I.T. Center
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	1
Project No.	TBD



PROJECT DESCRIPTION

This project installs a modular building(s) for a meeting/training room for Operations personnel and information technology (I.T.) center behind the Operations and Maintenance building at the Railroad Street Water Treatment Facility (WTF).

JUSTIFICATION

The Railroad Street WTF is where Operations personnel and maintenance activities are based. The Operations and Maintenance (O&M) building at the Railroad Street WTF does not have a room for meetings and training classes. This project provides a building where meetings and training classes for Operations personnel can occur. It also centralizes the I.T. operations and equipment in one location, and in an environment with better control of room temperature. An evaluation will be made to install separate modular buildings so that the I.T. center can be isolated from other activities for security and fire protection.

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 a carry-over from last fiscal year and is now planned for construction in FY 2015/16.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
RRWTF Modular Meeting Room & I.T. Center	125	0	0	0	0	125
with inflation (3%)	125	0	0	0	0	125

Expenditure breakdown: \$5,000 design, \$120,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	125
Total	125

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	Railroad Street WTF Parking Lot Improvements
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	2
Project No.	TBD



PROJECT DESCRIPTION

This project adds a paved employee parking area and bulk materials loading station at the Railroad Street Water Treatment Facility (WTF).

JUSTIFICATION

Due to space constraints at the Railroad Street WTF, employees at the WTF currently park on a vacant lot across the street from the WTF. The existing surface conditions of the lot are a combination of natural ground and compacted aggregate base. The make-shift parking area does not drain well during the rainy season. This project proposes to acquire the vacant parcel and construct a paved, fenced-in parking area. Additionally, a bulk materials loading station will be included in the design making the loading operation safer and more convenient. The current bulk materials loading station is located in tight quarters behind the Operations and Maintenance building of the WTF.

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 a carry-over from last fiscal year and is now planned for construction in FY 2015/16.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Railroad Street WTF Parking Lot Improvements	283	0	0	0	0	283
with inflation (3%)	283	0	0	0	0	283

Expenditure breakdown: engineering completed last FY, \$283,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	283
Total	283

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	Well 1D Site Improvements
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	5
Project No.	TBD



PROJECT DESCRIPTION

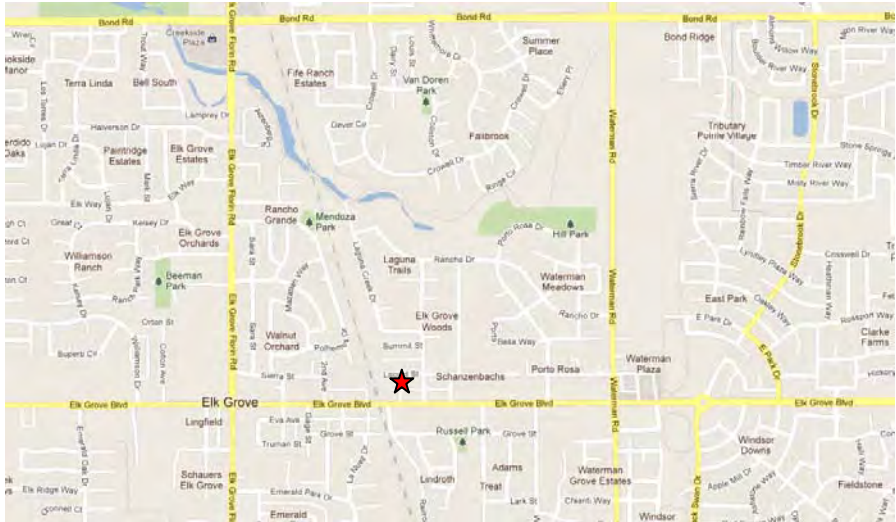
This project makes site improvements at the location for Well 1D (School Street Deep Well) by paving the grounds with asphalt concrete.

JUSTIFICATION

Well 1D was constructed in 2008 and is located in the historic area of downtown Elk Grove. The site is adjacent to the old, elevated water tank. Well 1D is housed in a brick building built on a concrete slab. The ground around the brick building is a combination of native earth and aggregate base, graded for drainage to existing storm water catch basins. Truck traffic has caused rutting of the ground around the building.

PROJECT LOCATION

The address for Well 1D is 9085 Elk Grove Blvd., Elk Grove, California. The assessor’s parcel number is APN 12502530020000.



★ Project Location

SCHEDULE & STATUS

Engineering, design, and construction are planned for FY 2016/17.

EXPENDITURE SCHEDULE

(in thousands \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Well 1D Site Improvements	0	27	0	0	0	27
with inflation (3%)	0	28	0	0	0	28

Expenditure breakdown: \$10,000 design & permits, \$18,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	28
Total	28

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



PROJECT DESCRIPTION

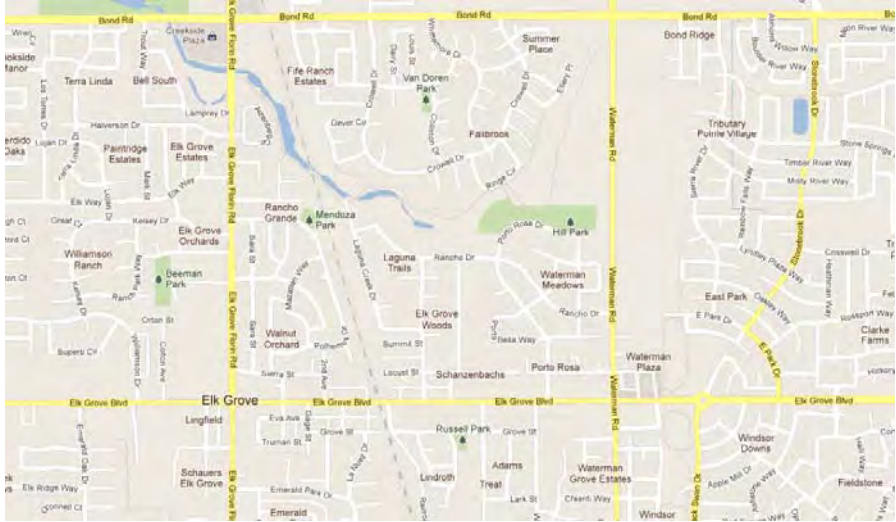
This project provides reserve funds for unforeseen future capital projects.

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 \$)

Project	Planned Expenditures					Total
	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Unforeseen Capital Projects	200	200	200	200	200	1,000
no inflation used	200	200	200	200	200	1,000

Expenditure breakdown: \$100,000 design, \$900,000 construction

FUNDING SOURCES

(in thousands \$)

USER FEES

Unforeseen Capital Projects Funds	
▪ Unforeseen Capital Projects	1,000
Total	1,000

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	Chlorine Tank Replacement - ClorTec Room <i>pg. 54</i>	94
1	Hydropneumatic Tanks Refurbishments <i>pg. 38</i>	92
1	Well Rehabilitation Program (one per year) <i>pg. 30</i>	91
1	SCADA Improvements <i>pg. 58</i>	90
1	Pumped-to-Waste Infrastructure - Deep Wells <i>pg. 28</i>	82
1	Well 1D Pump Conversion <i>pg. 32</i>	82
1	Well 8 Pump Conversion <i>pg. 40</i>	82
1	Media Replacement Filter Vessels <i>pg. 52</i>	82
1	VFDs - Booster Pumps Railroad Street WTF <i>pg. 56</i>	81
1	Frontage Road & Parking Lot Improvements <i>pg. 68</i>	81
1	RRWTF Modular Meeting Room & I.T. Center <i>pg. 70</i>	80
2	Service Line Replacements <i>pg. 10</i>	79
2	RRWTF Tanks & Vessels Recoating* <i>pg. 50</i>	79
2	Business Center/CSD Bldg. Water Main Looping <i>pg. 42</i>	76
2	Railroad Corridor Water Line <i>pg. 34</i>	74
2	Administration Building Improvements <i>pg. 62</i>	73
2	Railroad Street WTF Parking Lot Improvements <i>pg. 72</i>	71
3	Security Infrastructure <i>pg. 64</i>	69
3	Cadura Circle Water Main Looping <i>pg. 44</i>	64
3	Mormon Church Water Main Looping <i>pg. 46</i>	64
3	Backyard Water Mains/Services Replacement <i>pg. 36</i>	63
3	Colton Ave/Orton St. Water Main <i>pg. 12</i>	62
3	Kent St. Water Main <i>pg. 14</i>	62
3	Truman St./Adams St. Water Main <i>pg. 16</i>	62
3	School/Locust/Summit Alley Water Main <i>pg. 18</i>	62
3	Elk Grove Blvd Grove St. Alley Water Main <i>pg. 20</i>	62
3	Locust St.-Elk Grove Blvd Alley/Derr St. Water Main <i>pg. 22</i>	62
3	RRWTF Emergency Access Gate <i>pg. 66</i>	61
3	Truck Replacements <i>pg. 60</i>	60
4	Elk Grove Blvd Water Main <i>pg. 24</i>	56
4	Automatic Meter Infrastructure (AMI) <i>pg. 48</i>	56
4	8" Water Line Replacement Waterman Rd. <i>pg. 26</i>	52
5	Well 1D Site Improvements <i>pg. 74</i>	16

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APPENDIX B – CIP PRIORITY RANKING CRITERIA SCORE SHEETS

▪ **FY 2016-2020 WATER SUPPLY / TREATMENT IMPROVEMENT PROJECTS**

- Service Line Replacements
- Colton Ave/Orton St. Water Main
- Kent St. Water Main
- 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
- 8" Water Line Replacement Waterman Rd
- Pumped-to-Waste Infrastructure – Deep Wells
- Well Rehabilitation Program (one per year)
- Well 1D Pump Conversion
- Railroad Corridor Water Line
- Backyard Water Mains/Services Replacement
- Hydropneumatic Tanks Refurbishments
- Well 8 Pump Conversion
- Business Center/CSD Bldg. Water Main Looping
- Cadura Circle Water Main Looping
- Mormon Church Water Main Looping
- Automatic Meter Infrastructure (AMI)
- RRWTF Tanks & Vessels Recoating
- Media Replacement Filter Vessels
- Chlorine Tank Replacement ClorTec Room
- VFDs – Booster Pumps Railroad Street WTF
- SCADA Improvements

▪ **FY 2016-2020 BUILDING & SITE IMPROVEMENT/VEHICLES PROJECTS**

- Truck Replacements
- Administration Building Improvements
- Security Infrastructure
- RRWTF Emergency Access Gate
- Frontage Road & Parking Lot Improvements
- RRWTF Modular Meeting Room & I.T. Center
- Railroad Street WTF Parking Lot Improvements
- Well 1D Site Improvements

**FY 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 79
RAW SCORE = 64

Service Line Replacements

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = H		58.50
	A	<input 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"/> 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		0.00
	<input 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 PROJECTS Priority Ranking Criteria

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here *Service Line Replacements*

Impact = ; Probability = 75.00 <-- Totals from

Water Supply (E 2)

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

Criterion A: Protecting Existing Assets

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

Impact:

High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup *due to restricted flow to customers and old infrastructure*

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% *← likelihood is high*

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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 62
RAW SCORE = 49

Colton Ave./Orton 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 *Colton Ave. /orton St. Water Main*

	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="padding: 5px;">H+ 55</td> <td style="padding: 5px;">H- 42</td> <td style="padding: 5px;">M+ 30</td> </tr> <tr> <td style="padding: 5px;">H- 42</td> <td style="padding: 5px; border: 2px solid red;">M+ 30</td> <td style="padding: 5px;">M- 17</td> </tr> <tr> <td style="padding: 5px;">M+ 30</td> <td style="padding: 5px;">M- 17</td> <td style="padding: 5px;">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 – <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> <i>4" mains are undersized for fire protection</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% <i>←</i> 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>← Affects Service Area 1 areas</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. <i>←</i> 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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 62
RAW SCORE = 49

Kent 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	
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 *Kent St. Water Main*

Impact = ; Probability = 75.00 ← Totals from

Water Supply (E 2)
Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

Criterion A: Protecting Existing Assets

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

Impact:
High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.
Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup *remains 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%

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.

Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

Criterion C: Project Urgency

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

Definition:
Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

Project Urgency:

Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years.

Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. →

Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.

Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

WATER SUPPLY OBJECTIVE
(75% of Raw Score)
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2016-2020 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																
<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>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>																					
<p>Probability</p> <table style="margin: auto;"> <thead> <tr> <th></th> <th>High</th> <th>Med.</th> <th>Low</th> </tr> </thead> <tbody> <tr> <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>							High	Med.	Low	High	H+ 55	H- 42	M+ 30	Med.	H- 42	M+ 30	M- 17	Low	M+ 30	M- 17	L 5.5
	High	Med.	Low																		
High	H+ 55	H- 42	M+ 30																		
Med.	H- 42	M+ 30	M- 17																		
Low	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: 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>4" mains are undersized for fire protection</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>																					
<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>Affects Service Area 1 Areas</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>																					

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 2016-2020 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 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:																											
	<table border="1" style="margin: 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>			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>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>remains are undersized for fire protection</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>			
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	Low	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".																												
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<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".																												
<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>																												
<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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 62
RAW SCORE = 49

Elk Grove Blvd Grove St. 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 *Elk Grove Blvd Grove St. Alley Water Main*

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. *← 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 2016-2020 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%)	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 *Locust St. - Elk Grove Blvd Alley / Derr St. 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 *remains 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%

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.

Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

Criterion C: Project Urgency

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

Definition:

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

Project Urgency:

Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years.

Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. →

Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.

Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

WATER SUPPLY OBJECTIVE
(75% of Raw Score)
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2016-2020 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*

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, but will be operating at a higher level of risk, potentially relying on 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 *meters in backyard are inaccessible due diff to access and fed by an old #1 main.*
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. *← Customers on south side EG Blvd. between Kent & RR tracks.*

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. *← Planned for 5 yrs. out.*
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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 52

8" Water Line Replacement Waterman Rd.

RAW SCORE = 41

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = L ; Probability = H		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		1.88
	<input 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

Project Name Here *8" Water Line Replacement Waterman*

PRIORITY SCORE =
RAW SCORE = 100

	Water Supply (E 2)	Impact = ; Probability =	75.00	<-- Totals from																							
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>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>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 border="1" style="margin: 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;">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>			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>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 Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. <u>However, the system will advance to a higher state of risk, or the project is related to a backup system.</u> <i>due to undeposited water system to a business park industrial</i> </p> <p>Probability of impact occurring: High – Likely to almost certain 65% – 100% ← Medium – Possible 35% – 65% Low – Unlikely or rare 0% – 35%</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																							
<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>																											
<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. 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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 82

RAW SCORE = 65

Pumped-to-Waste Infrastructure - Deep Wells

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

Project Name Here *Pumped-to-Waste Infrastructure - Deep Wells* 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;"> <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- 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;">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> </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 <u>does not meet regulatory requirements</u>. <i>Calif waterworks studs recommend first well flush is pumped to waste.</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
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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. ← <i>Affects Service Area #1 only</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. ← <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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 91

RAW SCORE = 73

Well Rehabilitation Program (one per year)

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	
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

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	<input checked="" type="radio"/> 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. *Well rehabs important to maintain production and water quality compliant w/ DPH req.*

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%

Prod. & water quality will decline w/o rehabs.

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 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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 82
RAW SCORE = 65

Well 1D Pump Conversion

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 ID Pump Conversion*

	Water Supply (E 2)	Impact = ; Probability =	75.00	<-- Totals from																																								
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>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>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>																																											
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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: Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years. <i>←</i> 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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 74
RAW SCORE = 59

Railroad Corridor Water Line

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = H		50.25
	A	<input 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"/> 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"/> 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

Project Name Here *Railroad Corridor Water Line*

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="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;">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 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 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>Impacts Service Area 1 primarily</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. <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 2016-2020 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) 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: 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.</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
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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: 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.</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>																								

← Backyard mains undersized and difficult to access to repairs leaks. Current configuration has district-owned infrastructure related to frost-yen meters on private property

← Impacts areas of Service Area 1

**FY 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 92
RAW SCORE = 73

Hydropneumatic Tanks Refurbishment

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 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 0.00 <input 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

Hydropneumatic Tanks Refurbishment
Well Rehab Program

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here

	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																																							
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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>Impacts 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. ← <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>																																							

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.

Life & Safety Issue.

**FY 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 82
RAW SCORE = 65

Well 8 Pump Conversion

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 PROJECTS Priority Ranking Criteria

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here *Well 8 Pump Conversion*

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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 76
RAW SCORE = 61

Business Center/CSD Bldg. Water Main Looping

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		51.75
	A	<input 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		7.50
	<input checked="" type="checkbox"/>	Promotes Emergency Recovery	
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input 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 groundwater basin management	
	<input checked="" type="checkbox"/>	Promotes energy efficiency or incorporates energy efficient features	
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 =

Project Name Here *Business Center / CSD Bldg. Water Main Looping* 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%

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 2016-2020 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		
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 2016-2020 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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 56
RAW SCORE = 45

Automatic Meter Infrastructure

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = L ; Probability = L		29.63
	A	<input 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"/> 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 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		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		7.50
	<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 checked="" 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 *Automatic Meter Infrastructure*

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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 79
RAW SCORE = 63

RRWTF Tanks & Vessels Recoating

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = H		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		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 *RRWTF Tanks + Vessels Recoating.*

PRIORITY SCORE =
RAW SCORE = 100

	Water Supply (E 2)	Impact =	Probability =	75.00	← Totals from																					
<p>Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure</p>																										
<p>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 border="1" style="margin: auto;"> <thead> <tr> <th colspan="2" rowspan="2"></th> <th colspan="3">Probability</th> </tr> <tr> <th>High</th> <th>Med.</th> <th>Low</th> </tr> </thead> <tbody> <tr> <th rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">Impact</th> <th>High</th> <td style="text-align: center;">H+ 55</td> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> </tr> <tr> <th>Med.</th> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> </tr> <tr> <th>Low</th> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> <td style="text-align: center;">L 5.5</td> </tr> </tbody> </table>								Probability			High	Med.	Low	Impact	High	H+ 55	H- 42	M+ 30	Med.	H- 42	M+ 30	M- 17	Low	M+ 30	M- 17	L 5.5
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<p>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>← Tank recoating maint. is a necessity to maintain critical infrastructure.</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% <i>← maint. is req'd.</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>																										
<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>← Impacts 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>for 2 MG storage tanks</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>																										

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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 82

RAW SCORE = 65

Media Replacement Filter Vessels

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

Project Name Here *Media Replacement Filters*

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)</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;">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>- water treatment media has a typ. life cycle of 10 yrs. Orig. Plt. media reaching end of 10 yrs.</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>← med. probability old media will not adequately treat water in near future</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																					
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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. <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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 94
RAW SCORE = 75

Chlorine Tank Replacement - ClorTec Room

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		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

Project Name Here *Chlorine Tank Replacement - Chlor-Tee Room* PRIORITY SCORE = 100
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;"> <table border="1" style="border-collapse: collapse;"> <tr> <td style="text-align: center;">H+</td> <td style="text-align: center;">H-</td> <td style="text-align: center;">M+</td> </tr> <tr> <td style="text-align: center;">55</td> <td style="text-align: center;">42</td> <td style="text-align: center;">30</td> </tr> </table> </td> <td style="text-align: center;">H-</td> <td style="text-align: center;">M+</td> </tr> <tr> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Med.</th> <td style="text-align: center;">H-</td> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> </tr> <tr> <td style="text-align: center;">42</td> <td style="text-align: center;">30</td> <td style="text-align: center;">17</td> </tr> <tr> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Low</th> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> <td style="text-align: center;">L</td> </tr> <tr> <td style="text-align: center;">30</td> <td style="text-align: center;">17</td> <td style="text-align: center;">5.5</td> </tr> </tbody> </table>			Probability					High	Med.	Low	Impact	High	<table border="1" style="border-collapse: collapse;"> <tr> <td style="text-align: center;">H+</td> <td style="text-align: center;">H-</td> <td style="text-align: center;">M+</td> </tr> <tr> <td style="text-align: center;">55</td> <td style="text-align: center;">42</td> <td style="text-align: center;">30</td> </tr> </table>	H+	H-	M+	55	42	30	H-	M+	Med.	H-	M+	M-	42	30	17	Low	M+	M-	L	30	17	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>Chlorine tank shell is failing. This is critical infrastructure to District's mtg of drinking water.</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>Failure in time is likely.</i> <u>Medium</u> - Possible 35% - 65% <u>Low</u> - Unlikely or rare 0% - 35%</p>
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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>Impacts 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. ← <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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 81

VFDs - Booster Pumps Railroad Street WTF

RAW SCORE = 65

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = H 58.50	
	A	<input 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"/> 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	
ENVIRONMENTAL FACTORS (7.5%)	Positive Interaction (E 4) - Check all that apply	
	<input checked="" type="checkbox"/> With the Community	<input type="checkbox"/> With other agencies
	Water Quality (E 3.2) - Check if applicable 1.88	
<input 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 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

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here *VFD's - Booster Pumps RRWTF*

	<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; border: 2px solid red;">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; border: 2px solid red;">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: 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>Plt. operation unstable during low demand periods. Greater flexibility of RRWTF operations needed. This proj. provides that.</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% ← <i>high likelihood.</i> 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																					
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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: High (H) – Provides benefits for more than 30,000 customers. Medium (M) – Provides benefits for 10,000 to 30,000 customers. ← <i>Affects Service Area 1 customers.</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 2016-2020 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 90
RAW SCORE = 72

SCADA Improvements

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = H		58.50
	A	<input 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"/> 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		3.75
	<input 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 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.

FY 2016-2020 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
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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 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% *Likelihood due to age, mileage and general condition of equipment.*

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. *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 2016-2020 BUILDING & SITE/VEHICLES PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 73

RAW SCORE = 59

Administration Building Improvements

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = M ; Probability = H		53.40
	A	<input checked="" type="checkbox"/> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.	
	B	<input checked="" type="checkbox"/> Project enhances building infrastructure to address treatment of staff issues.	
	C	<input checked="" type="checkbox"/> 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 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		1.25
	<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 checked="" 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

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here *Admin Bldg. Improvements*

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	<p>Definition: Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards</p> <p>Impact: <u>High</u> – Without the project, District staff likely can not perform their normal daily work or an unsafe condition is present with the public. <u>Medium</u> – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds. <i>→ Deteriorating roof on facade, water intrusion problems at windows.</i> <u>Low</u> – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.</p> <p>Probability of impact occurring: <u>High</u> – Likely to almost certain 65% – 100% <i>→ Problems have occur</i> <u>Medium</u> – Possible 35% – 65% <u>Low</u> – Unlikely or rare 0% – 35%</p>
	Med.	H- 44	M+ 33	M- 19.3	
	Low	M+ 33	M- 19.3	L 5.5	

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. *→ Public uses bldg. Current aesthetics reflect poorly on District's image.*
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 2016-2020 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria***

PRIORITY SCORE = 69
RAW SCORE = 55

Security Infrastructure

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		48.00
	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"/> 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"/> 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		
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.

WATER SUPPLY / TREATMENT PROJECTS

Priority Ranking Criteria

Project Name Here Security Infrastructure

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)</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="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="3" style="text-align: center;">Probability</th> </tr> <tr> <th colspan="2"></th> <th style="text-align: center;">High</th> <th style="text-align: center;">Med.</th> <th style="text-align: center;">Low</th> </tr> </thead> <tbody> <tr> <td rowspan="3" style="vertical-align: middle; text-align: center;">Impact</td> <td style="text-align: center;">High</td> <td style="border: 1px solid black; text-align: center;">H+ 55</td> <td style="border: 1px solid black; text-align: center;">H- 42</td> <td style="border: 1px solid black; text-align: center;">M+ 30</td> </tr> <tr> <td style="text-align: center;">Med.</td> <td style="border: 1px solid black; text-align: center;">H- 42</td> <td style="border: 1px solid black; text-align: center; border: 2px solid red;">M+ 30</td> <td style="border: 1px solid black; text-align: center;">M- 17</td> </tr> <tr> <td style="text-align: center;">Low</td> <td style="border: 1px solid black; text-align: center;">M+ 30</td> <td style="border: 1px solid black; text-align: center;">M- 17</td> <td style="border: 1px solid black; 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 <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.</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. <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>																								

← Potential of security threats at shallow wells where no security measures other than locked fenced-in area

← Potentially impacts all customers

**FY 2016-2020 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria***

PRIORITY SCORE = 61

RRWTF Rear Access Gate

RAW SCORE = 49

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		39.75
	A	<input 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"/> 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"/> 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 *RRWTF Rear Access Gate*

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	<p>Definition: Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.</p> <p>Impact: <u>High</u> – Without the project, District staff likely can not perform their normal daily work <i>Emergency based project</i> <u>Medium</u> – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds. <u>Low</u> – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.</p> <p>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- 44	M+ 33	M- 19.3	
	Low	M+ 33	M- 19.3	L 5.5	
		<input type="text" value="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:					
<u>High</u> (H) – Provides benefits for all employees or the public.					
<u>Medium</u> (M) – Provides benefits for between 10 to all employees. ←					
<u>Low</u> (L) – Provides benefits for below 10 employees.					
		<input type="text" value="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:					
<u>High</u> (H) – Meet projected demand 10 years in the future. ←					
<u>Medium</u> (M) – Meet projected demand 10 to 20 years in the future.					
<u>Low</u> (L) – Meet projected demand beyond 20 years in the future.					
		<input type="text" value="H"/>			Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

FY 2016-2020 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 81

Frontage Road & Parking Lot Improvements

RAW SCORE = 65

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = H ; Probability = M		53.40
	A	<input checked="" type="checkbox"/> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer or public safety standards.	
	B	<input checked="" type="checkbox"/> Project enhances building infrastructure to address treatment of staff or public issues.	
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		
GREENER OBJECTIVE (15%)	Natural Resources Sustainability (E 3.2) - Check all that apply		2.50
	<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
LEANER OBJECTIVE (15%)	Lifecycle costs are minimized - Check One		3.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
Funding Available from Other Agencies - Check One			
<input type="checkbox"/>	Over 50% of project costs available from other agencies		
<input checked="" 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

PRIORITY SCORE =

Project Name Here *Frontage Road + Parking Lot Improvements*

RAW SCORE = 100

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 or an unsafe condition is present with the public. ← *pedestrian path on N. side of EG Blvd. is unsuitable for people in wheelchairs.*

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 2016-2020 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 80

RAW SCORE = 64

RRWTF Modular Meeting Room & I.T. Center

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = M ; Probability = M		60.00
	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"/> H 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		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		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

PRIORITY SCORE =

Project Name Here *RRWTF Modular Meeting Room + I.T. Center*

RAW SCORE = 100

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	<div style="border: 1px solid black; padding: 5px; border-radius: 50%; display: inline-block;">H+</div> 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. *← The I.T. Dept currently has the District's servers in multiple locations making routine maintenance unnecessarily difficult centralizing to I.T. operation will make the*
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. *operation more efficient. Additionally, field crews currently use the District's Adams Bldg. conf. room for training sessions which is undersized for 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%

purpose. There is not enough parking and some vehicles are parked across the street in a vacant lot making a situation where some staff are required to cross Elk from Blvd. which is busy and w/o a crosswalk near this location to reach their destination.

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 2016-2020 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 71

Railroad Street WTF Parking Lot Improvements

RAW SCORE = 57

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		2.00
	<input 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 checked="" type="checkbox"/>	Improves esthetics of project location	
GREENER OBJECTIVE (15%)	Natural Resources Sustainability (E 3.2) - Check all that apply		1.25
	<input type="checkbox"/>	Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized
	<input checked="" 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 *RRWTF Parking Lot Improvements*

PRIORITY SCORE =
RAW SCORE = 100

BUILDINGS & GROUNDS OBJECTIVE Clean (60% of Raw Score)	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.			
	<p>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:</p>			
	Impact	Probability		
	High	Med.	Low	
High	H+ 55	H- 44	M+ 33	<p>Impact: <u>High</u> – Without the project, District staff likely can not perform their normal daily work or an unsafe condition is present with the public. <u>Medium</u> – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds. <i>Field staff must park personal vehicles on a dirt lot which is unfenced and unlit.</i> <u>Low</u> – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.</p>
Med.	H- 44	M+ 33	M- 19.3	<p>Probability of impact occurring: <u>High</u> – Likely to almost certain 65% – 100% <i>✓</i> <u>Medium</u> – Possible 35% – 65% <u>Low</u> – Unlikely or rare 0% – 35%</p>
Low	M+ 33	M- 19.3	L 5.5	<p><i>This proj. provides a secured, lit, gated facility with asphalt paving for personal vehicles.</i></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>			
<p>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".</p>				
<p>Definition: Project enhances building infrastructure to address treatment of staff issues.</p>				
<p>Effect of Project Impact: <u>High</u> (H) – Provides benefits for <u>all employees</u> or the public. <i>Impacts employees at Admin Bldg. too during functions held at RRWTF.</i> <u>Medium</u> (M) – Provides benefits for between 10 to all employees. <u>Low</u> (L) – Provides benefits for below 10 employees.</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: 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".</p>				
<p>Definition: Project positions the District to meet projected future space needs.</p>				
<p>Effect of Project Impact: <u>High</u> (H) – Meet projected demand 10 years in the future. <i>✓</i> <u>Medium</u> (M) – Meet projected demand 10 to 20 years in the future. <u>Low</u> (L) – Meet projected demand beyond 20 years in the future.</p>				
<p><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.</p>				

FY 2016-2020 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 16

Well 1D Site Improvements

RAW SCORE = 13

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = L ; Probability = L		10.50
	A	<input type="checkbox"/> L 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"/> L Project enhances building infrastructure to address treatment of staff or public issues.	
	C	<input type="checkbox"/> M Project positions the District to meet projected future space needs.	
CLEANER OBJECTIVE (10%)	Positive Interaction (E 4) - Check all that apply		2.00
	<input 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 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		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

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here *Well ID Site Improvements*

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 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.
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. *Project cleans up the well site and provides a more durable finished surface for the site.*

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)

June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District
FROM: Jim Malberg, Finance Manager/Treasurer
SUBJECT: **ELK GROVE WATER DISTRICT FISCAL YEAR 2015-16 OPERATING BUDGET**

RECOMMENDATION

It is recommended that the Board of Directors of the Florin Resource Conservation District adopt Resolution No. 06.24.15.04 approving the Elk Grove Water District Fiscal Year 2015-16 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) 2015-16 Operating Budget for the Board's consideration. A revenue adjustment of three percent (3%), to be implemented in January 2016, is included in this budget.

By this action, the Board would approve the proposed EGWD FY 2015-16 Operating Budget containing revenues of approximately \$13,385,949, and projected expenditures of approximately \$13,460,620 including deposits into the Repair and Replacement and Long-Term Capital Improvement Reserves. The projected expenditures in excess of revenues are approximately \$74,671. Excess operating reserves realized in FY 2014-15, in the same amount, will be used to structurally balance the FY 2015-16 Budget.

DISCUSSION

Background

The EGWD is a department of the Florin Resource 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 2015-16 budget and this budget should be adopted by June 30, 2015.

ELK GROVE WATER DISTRICT FISCAL YEAR 2015-16 OPERATING BUDGET

Page 2

Staff has continued a process that involves multiple Board reviews with public participation being encouraged.

Staff presented the first draft of the proposed FY 2015-16 Operating Budget to the Board at the May 13, 2015 Finance Committee meeting. A second draft was also presented at the May 27, 2015 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 2015-16 Operating Budget. This budget does not include expenditures for the Capital Improvement Program (CIP) for FY 2015-16. The CIP is scheduled for adoption on June 24, 2015 as well, prior to this agenda item.

Environmental Considerations

There is no environmental action associated with this item.

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 EGWD FY 2015-16 budget projects total revenues of approximately \$13.386 million and total expenditures of approximately \$13.461 million including deposits into the Repair and Replacement and Long-Term Capital Improvement Reserves of approximately \$1.550 million. The projected expenditures in excess of revenues are approximately

ELK GROVE WATER DISTRICT FISCAL YEAR 2015-16 OPERATING BUDGET

Page 3

\$74,671. A contribution from excess operating reserves realized in FY 2014-15 will be utilized in order to balance the budget. This budget includes a revenue adjustment of 3.0% starting in January 2016.

Despite many non-discretionary cost increases, staff undertook exhaustive efforts to find cost reductions and these are reflected in the proposed FY 2015-16 budget. The proposed budget has a significant decrease in total operating expenditures of \$997,688 (6.90%) from the adopted budget for FY 2014-15. The major highlights are listed below and comparisons made are against the budgeted amounts for FY 2014-15.

- This budget includes a 3% revenue adjustment beginning in January 2016. This is based on the recommendations in the 2013 Water Rate Study presented and approved by the Board on June 26, 2013.
- Three positions will continue to remain frozen; the Operations Manager, one Water Distribution Operator and one Utility Billing Specialist.
- Total Salaries and Benefit costs will decrease by \$121,430 (-3.26%).
 - Salary costs will increase slightly due to a proposed 0.60% cost of living adjustment. This year's budget includes \$114,577 for Holiday Pay, as well as amounts for vacation and personal time pay, with reductions being made to reflect the Executive, Exempt and Non-Exempt Salaries by like amounts.
 - Total benefits costs will decrease \$36,638 (-2.78%). Retirement Benefit costs will decrease by \$74,555 (-20.06%) and Worker's Compensation costs will increase by \$16,354 (20.03%). The Post Employment Retirement Benefits will increase by \$25,000 (20.00%) as the result of the actuarial valuation being updated reflecting the change in the beneficiary population and the current trends in projected medical cost increases.
 - Education Assistance will decrease by \$17,200 (-48.86%) for employees pursuing job-related education that will enhance their skills and abilities.
- Total Office and Operational Costs will decrease by \$25,466 (-2.50%).
 - Association Dues will increase by \$6,778 (10.37%) primarily due to the Regional Water Authority fee increases and anticipated slight increases in the District's other membership dues.

ELK GROVE WATER DISTRICT FISCAL YEAR 2015-16 OPERATING BUDGET

Page 4

- Licenses, Certifications and Fees will decrease by \$600 (-5.83%) due to fees for the District's Notary which are not needed this year.
 - Repair and Maintenance – Computers will increase by \$15,700 (172.53%) due to SCADA related equipment and increased computer repair costs experienced in the current fiscal year.
 - Staff reviewed the current year's expenditures for Materials and determined that the budget could be reduced by approximately \$90,692 (-30.57%).
 - Meter Repairs will increase by \$8,400 as this is a relatively new cost now that the District is fully metered.
 - Printing costs will increase by \$3,000 (24.19%) due to increased costs experienced in the current fiscal year.
 - Safety Equipment will decrease by \$2,600 (-17.87%) now that the District's safety program has been implemented and costs have stabilized.
 - Telephone costs will decrease by \$7,550 (-20.38%) due to the elimination of air cards that are not being utilized.
 - Tool costs will decrease by \$14,192 (-72.70%) as less tools need to be replaced.
 - Water Conservation Materials is a new category added to pay for conservation related items and is budgeted at \$30,000.
- The Purchased Water line item, which is now separated into its own category, will decrease by \$200,791 (6.49%) due to anticipated decreased consumption from drought related conservation efforts. Variable rate charges by Sacramento County Water Agency (SCWA) are anticipated to remain relatively flat at \$1.16 per hundred cubic feet (ccf). 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 will decrease by \$8,576 (-1.05%)
 - Contracted Services will increase by \$20,006 (8.74%) primarily due to the inclusion of an IT Security Audit estimated at \$75,000
 - Water Conservation Services is a new category that has been added to pay for consulting services related to conservation efforts and has been budgeted at \$20,000.

ELK GROVE WATER DISTRICT FISCAL YEAR 2015-16 OPERATING BUDGET

Page 5

- Engineering costs will decrease by \$50,000 (-38.46%) as the District has now completed the automated Asset Management Program/Plan.
- Accounting Services will decrease by \$25,000 (-41.67%) primarily due to a decrease in year-end auditing services costs.
- Financial Consultants will decrease by \$10,000 (-50.00%) as a result of staff receiving training on the Water Rae Model.
- Equipment Rent, Taxes and Utility costs will increase by \$3,554 (0.81%) as a result of increased equipment rental costs.
- Capital Improvement Funding now includes contributions to the Repair & Replacement Reserve as well as the Long-Term Capital Improvement Reserve for a total of \$1,550,000. These budgeted line items have replaced the budget line item for depreciation which was \$1,850,000 in FY 2014-15. In addition, materials related to capital projects are now directly charged to the project and are no longer budgeted in the operations budget and subsequently transferred to the project at year end.
- Bond retirement and related interest expenses have decreased by \$181,586 (-4.73%) due to the refinancing of \$32 million of existing debt. The overall budget savings for FY 2015-16 is approximately \$265,000 when compared to the original debt service schedule. There is also a reduction of \$102,559 in the budget for election costs.
- This budget anticipates capitalizing \$509,708 of Salaries and Benefit 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 all bond covenant requirements as follows:
 - Covenant No. 1 - No longer required
 - Covenant No. 2 – 1.40 (1.15 required)
- To maintain conservative fiscal practices, the proposed EGWD FY 2015-16 Budget does not reflect grants or any other type of special funding.

June 24, 2015

ELK GROVE WATER DISTRICT FISCAL YEAR 2015-16 OPERATING BUDGET

Page 6

The attached EGWD FY 2015-16 Operating Budget contains many schedules and graphs detailing the recommended budget. Staff is recommending that the Board of Directors approve Resolution No. 06.24.15.04, approving the proposed Elk Grove Water District Fiscal Year 2015-16 Operating Budget.

Respectfully submitted,



JIM MALBERG
FINANCE MANAGER/TREASURER

JM

Attachments

RESOLUTION NO. 06.24.15.04

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE FLORIN RESOURCE
CONSERVATION DISTRICT APPROVING THE ELK GROVE WATER DISTRICT
FISCAL YEAR 2015-16 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, 2015 through June 30, 2016; and

WHEREAS, and the Board has received and considered the proposed Elk Grove Water District FY 2015-16 Budget submitted by the Finance Manager/Treasurer on June 24, 2015.

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

1. Approve the Total Revenues of \$13,385,949 for the proposed Elk Grove Water District FY 2015-16 Budget.
2. Approve the Total Expenditures of \$13,460,620 for the proposed Elk Grove Water District FY 2015-16 Budget.
3. Approve a transfer of \$74,671 from the Operating Reserve Fund to the Operating Fund during the FY 2015-16.
4. Authorize the General Manager to redistribute allocated budgeted amounts between line items within the budget categories.

PASSED, APPROVED, AND ADOPTED this 24th day of June 2015.

AYES:

NOES:

ABSENT:

ABSTAIN:

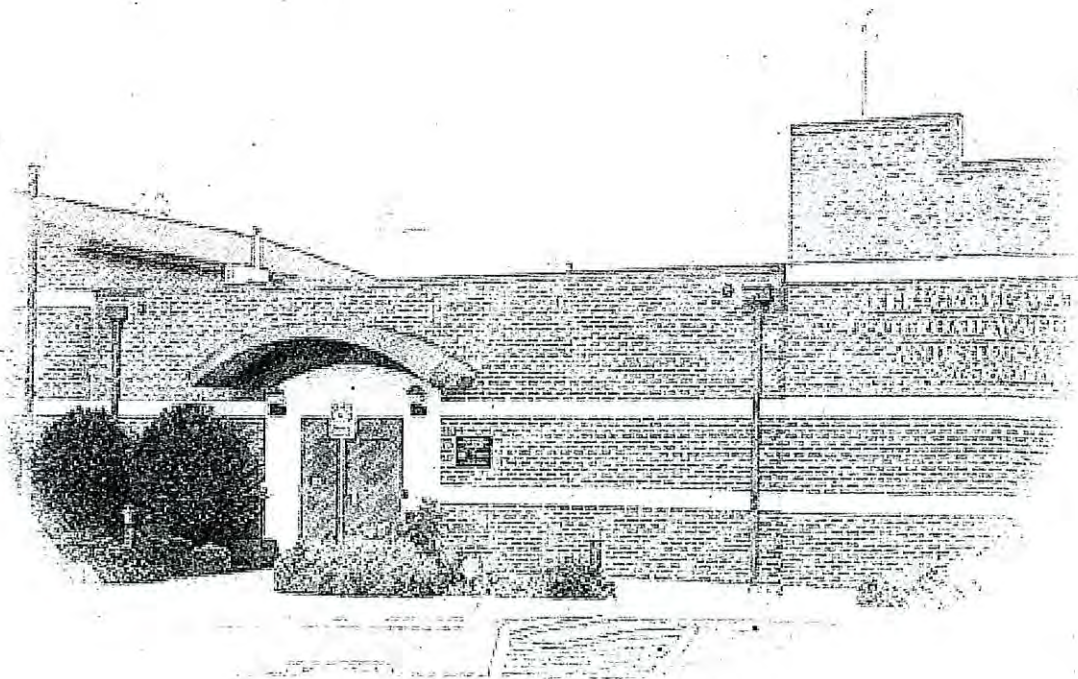
Chuck Dawson
Chairman of the Board of Directors

ATTEST:

Stefani Phillips
Secretary to the Board of Directors



Elk Grove Water District
Fiscal Year 2015 - 2016
Operating Budget



Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

TABLE OF CONTENTS

Governing Values.....	2
Budget Transmittal Letter	3
Budget Highlights.....	6
Elk Grove Water District Financial Overview	10
Timeline for Fiscal Year 2015-16 Financial Activities	13
Budgeted Revenues and Expenditures by Category.....	14
Budgeted Revenue Accounts Detail	17
Budgeted Salaries and Benefits Accounts Detail.....	20
Budgeted Seminars, Conventions and Travel Accounts Detail	23
Budgeted Office & Operational Accounts Detail.....	25
Budgeted Outside Services Accounts Detail	28
Budgeted Rents, Taxes and Utilities Accounts Detail	28
Budgeted Capital Expenses Detail	31
Budgeted Non-Operating Activity Detail	31
Summary by Departments	34
Organization Chart.....	43
Administration.....	46
Technical Services	51
Operations.....	53
Long-Term Indebtedness	55
Long-Term Indebtedness to Maturity – Certificates of Participation.....	56
Long-Term Indebtedness – Schedule of Required Payments/Debt Covenant... ..	57
Acronyms & Glossary of Terms	58

GOVERNING VALUES

Board members and employees of the FRCD and EGWD 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 2015-2016 Operating Budget
June 24, 2015



To: Florin Resource Conservation District Board of Directors
From: Mark J. Madison, General Manager
Date: June 24, 2015
Subject: **ELK GROVE WATER DISTRICT FY 2015-16 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, 2015. This proposed operating budget reflects a collaborative effort between staff and the Board, as well as input from the public during several developmental meetings.

The EGWD continued to be successful this past fiscal year (2014-15) in controlling costs to maintain financial stability. This was difficult because EGWD revenues fell short by approximately \$1,000,000 and this was a result of reduced water sales related to the drought. Overall, the bottom-line (Revenues in Excess of Expenditures) is projected to close approximately \$450,000 higher than the projection in the EGWD FY 2014-15 Operating Budget. The primary cost savings were achieved in salaries and benefits, purchased water, and careful monitoring of expenditures throughout the year.

Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

Salary and benefit costs during FY 2014-15 were down by approximately \$450,000 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.

Expenditures for purchased water are projected to be approximately \$475,000 under budget. This savings is derived from the avoided cost of purchased water from Sacramento County (\$115,000) and reduced demands through enhanced water conservation.

The proposed FY 2015-16 budget is balanced, but only as a result of appropriating \$74,671 from operating reserves. Revenues are projected to remain approximately the same as FY 2014-15, despite a mid-year increase in water rates consistent with the 2013 Water Rate Study tentatively approved by the Board on May 22, 2013. Information on this Rate Study and the anticipated rate increase is provided in the Financial Overview section of this budget document. This flat projection is due strictly to enhanced water conservation and decreased water sales during this drought.

EGWD expenditures have been reduced to the maximum extent possible and to a level, which nearly matches forecasted revenues. These reductions are largely made in the estimated purchased water costs and the future capital investment accounts, previously referred to as depreciation and amortization. The proposed FY 2015-16 Operating Budget also reflects a 0.6% cost-of-living adjustment applied to salaries and related benefits.

Certain expenditures are expected to inflate, and the notable examples include medical costs (up 5.62%) and new funding (\$50,000) budgeted for water conservation efforts. It should be noted that the medical costs would have otherwise increased by 8%, but that increase is tempered by selected employees who have now reached their cap under the EGWD defined medical contribution element of the ECCP.

Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

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 2015-16 include the replacement of service connections and 4" water mains, the Railroad Corridor Water Line, and the looping of selected water mains. Cost estimates for next year's projects are \$2,325,000 and this will be funded using capital improvement, replacement, and connection fee reserves.

The budget proposed will also adequately meet our required bond covenants for the duration of FY 2015-16.

In summary, the Elk Grove Water District will continue to maintain financial discipline during FY 2015-16 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

BUDGET HIGHLIGHTS

FISCAL YEAR 2015-16

The Elk Grove Water District (EGWD) budget for fiscal year (FY) 2015-16 projects total operating revenues of approximately \$13.386 million and total expenditures of approximately \$13.461 million including Capital Improvement and Capital Repair & Replacement Reserve contributions of approximately \$1.550 million. The projected expenditures in excess of revenues are approximately \$74,671 which staff is recommending to be funded from excess operating reserves. This budget includes a revenue adjustment of 3.0% starting in January, 2016.

Despite many non-discretionary cost increases, staff undertook exhaustive efforts to find cost reductions and these are reflected in the proposed FY 2015-16 budget. The proposed budget has a decrease in total operating expenditures by \$346,566 (3.80%) from the adopted budget for FY 2014-15. The major highlights are listed below and comparisons made are against the budgeted amounts for FY 2014-15.

- This budget includes a rate adjustment of 3% beginning in January, 2016. This is based on the recommendations in the 2013 Water Rate Study presented and approved by the Board on April 22, 2013 and a public hearing which adopted the recommended five year rate schedule on June 26, 2013.
- This budget is also based on three positions remaining frozen; the Operations Manager and a Water Distribution Operator and a Utility Billing Specialist.
- The Total Salaries and Benefit budgeted costs will decrease by \$121,430 (3.26%).
 - Salary costs will increase by a proposed 0.60% cost of living adjustment. This year's budget includes \$114,577 for Holiday Pay, as well as amounts for vacation and personal time pay, with reductions being made to reflect the Executive, Exempt and Non-Exempt Salaries by like amounts.

Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

- Total benefits costs are decreasing \$36,638 (-2.78%). Retirement Benefit costs are decreasing by \$74,666 (-20.06%) as the result of the actuarial valuation being updated. Worker's Compensation costs are increasing by \$16,354 (20.03%). The Post Employment Retirement Benefits are increasing by \$20,000 (25.00%) as the result of a change in the actuarial valuation methodology.
- Education Assistance is decreasing by \$17,200 (-48.86%) based on prior years actual expenditures for employees pursuing job-related education that will enhance their skills and abilities.
- Total Office and Operational Costs, which no longer includes Purchased Water, will decrease by \$25,466 (-2.50%).
 - Association Dues are increasing by \$6,778 (10.37%) primarily due to the Regional Water Authority fee increases and anticipated slight increases in EGWD's other membership dues.
 - Licenses, Certifications and Fees are decreasing by \$600 (-5.83%) due to fees for the EGWD's Notary which are not needed this year.
 - Repair and Maintenance – Computers is increasing by \$15,700 (172.53%) due SCADA related equipment and increased computer repair costs experienced in the current fiscal year.
 - Staff reviewed the current year's expenditures for Materials and determined that the budget could be reduced by approximately \$90,692 (-30.57%).
 - Meter Repairs are increasing by \$8,400 as this is a relatively new cost now that EGWD is fully metered.
 - Printing costs are increasing by \$3,000 (24.19%) due to increased costs experienced in the current fiscal year.
 - Safety Equipment is decreasing by \$2,600 (-17.87%) now that the EGWD's safety program has been implemented and costs have stabilized.

Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

- Telephone costs are decreasing by \$7,550 (-20.38%) due to elimination of computer air cards that were not being utilized.
- Tool costs are decreasing by \$14,192 (-72.70%) as less tools need to be replaced.
- Water Conservation Materials is a new category added to pay for conservation related items and is budgeted at \$30,000.
- The Purchased Water line item has been moved into its own category and is decreasing by \$200,791 (-6.49%) due to anticipated decreased consumption from drought related conservation efforts. Variable rate charges by the Sacramento County Water Agency (SCWA) are anticipated to remain relatively flat at \$1.16 per ccf. 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 decreased by \$8,576 (-1.05%). The primary increases are:
 - Contracted Services will increase by \$20,006 (8.74%) primarily due to the inclusion of an IT Security Audit estimated at \$75,000.
 - Water Conservation Services is a new category that has been added to pay for consulting services related to conservation efforts and has been budgeted at \$20,000.
 - Engineering costs will decrease by \$50,000 (-38.46%) as EGWD has now completed the automated Asset Management Program/Plan.
 - Accounting Services will decrease by \$25,000 (-41.67%) primarily due to a decrease in year-end auditing services costs.
 - Financial Consultants will decrease by \$10,000 (-50.00%) as a result of staff receiving training on the Water Rate Model.

Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

- Equipment Rent, Taxes and Utility costs are being proposed with an increase of \$3,554 (0.81%) as a result of increased equipment rental costs.
- Capital Improvement Funding now includes contributions to the Repair & Replacement Reserve as well as the Long-Term Capital Improvement Reserve for a total of \$1,550,000. These budgeted line items have replaced the budget line item for depreciation which was \$1,850,000 in FY 2014-15. In addition, materials related to capital projects are now directly charged to the project and are no longer budgeted in the operations budget and subsequently transferred to the project at year end.
- Bond retirement and related interest expenses have decreased by \$181,586 (-4.73%) due to the refinancing of \$32 million of existing debt. The overall budget savings for FY 2015-16 is approximately \$265,000 when compared to the original debt service schedule. There is also a reduction of \$102,559 in the budget for election costs.
- This budget anticipates capitalizing \$509,708 of Salaries & 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 all bond covenant requirements as follows:
 - Covenant No. 1 – No longer required
 - Covenant No. 2 – 1.40 (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 2015-16.
- Staff has determined that Grants or Special Funding is currently not available. 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 FINANCIAL OVERVIEW

Introduction

The Elk Grove Water District (EGWD) is a Department of the Florin Resource Conservation District (FRCD). The FRCD acquired the Elk Grove Water Works in 1999 from a local family who had owned and operated the water utility as a private water company for 103 years. This acquisition changed the governance of the water utility from private ownership to a publically owned and operated agency. The FRCD also structured this agency as an enterprise-funded department of the FRCD thereby keeping all financial activities of the water utility separate from other activities of the FRCD.

The FRCD and EGWD are governed by an elected five member Board and advice from volunteer associate Board members. Board members serve four year, staggered terms. Two director's terms will end in December 2016, so therefore no election costs included in this year's budget. The Board of Directors delegates the daily operations of EGWD to the General Manager, who supervises the work of 29 staff members.

EGWD provides water to nearly 12,200 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

EGWD's accounting and budgetary records are maintained using the accrual basis of accounting. The revenues of the EGWD 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 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.

Current Financial Plans

Revenues are received entirely through water rates and fees. On April 24, 2013 a Water Rate Study was approved by the Board, subject to the receipt and consideration of protests and comments before and during a public hearing conducted on June 26, 2013. On June 26, 2013, the Board conducted the public hearing and adopted the rate study recommendations for a five-year rate structure. The water rate study recommended rate adjustments over the next five years beginning on January 1, 2014, as follows:

- January 1, 2014 - 3%
- January 1, 2015 – 3%
- January 1, 2016 – 3%
- January 1, 2017 - 4%
- January 1, 2018 – 5%

The rate 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 2013 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. Within this plan, the EGWD restructured approximately \$32.3 million of outstanding bonded indebtedness in December 2014 to provide an average annual savings of \$265,000 - \$295,000 over the remaining term of the debt. This will also assist in mitigating future revenue adjustments. It is anticipated that the next five-year rate study will be conducted in 2018.

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 current review of the annual and projected expenses reflects that the scheduled revenue adjustment for January 1, 2016 of 3% should be reflected in the budget and rate ordinance for the FY 2015-16 rates.



Pension and other Post-Employment benefits

The EGWD's retirement program remains with the California State Public Employees Retirement System (PERS). 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. Two 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 continuous service, and retiring from the EGWD.

TIMELINE FOR FISCAL YEAR 2015-16 FINANCIAL ACTIVITIES

June 1, 2015	Initiate Audit of the FY 2014-15 Actual Financial Statements
June 24, 2015	Present Proposed 2015-16 Budget to the Board for approval
October 22, 2015	Present to the Board the FY 2015-16 1 st Quarter Financial Report
Early November, 2015	Complete the FY 2014-15 Actual Financial statements
Mid November, 2015	Complete the FY 2014-15 Audit Report
December 9, 2015	Submit the FY 2014-15 Audit to the Board for approval
January 1, 2016	Implement the 3 rd year revenue adjustment associated with the 2013 Water Rate Study and associated rate ordinance
January 27, 2016	Present to the Board the FY 2015-16 2 nd Quarter Financial Report
February, 2016	Conduct additional rate modeling to determine the necessity of the 4 th year revenue adjustment as prescribed in the 2013 Water Rate Study
February 24, 2015	Present to the Board the results of the water rate modeling effort
April 1, 2016	Initiate preparation of the FY 2016-17 Operations and Capital Improvement Program Budgets
April 27, 2016	Present to the Board the FY 2015-16 3 rd Quarter Financial Report
Early May, 2016	Conduct 1 st budget workshop with the Finance Committee
Early June, 2015	Conduct 2 nd budget workshop with the Finance Committee
June 22, 2016	Present Proposed 2016-17 Budget to the Board for approval

Elk Grove Water District Fiscal Year 2015-2016 Operating Budget

June 24, 2015

**Elk Grove Water District
Budgeted Revenues and Expenditures by Category
For the Fiscal Year ending June 30, 2016**

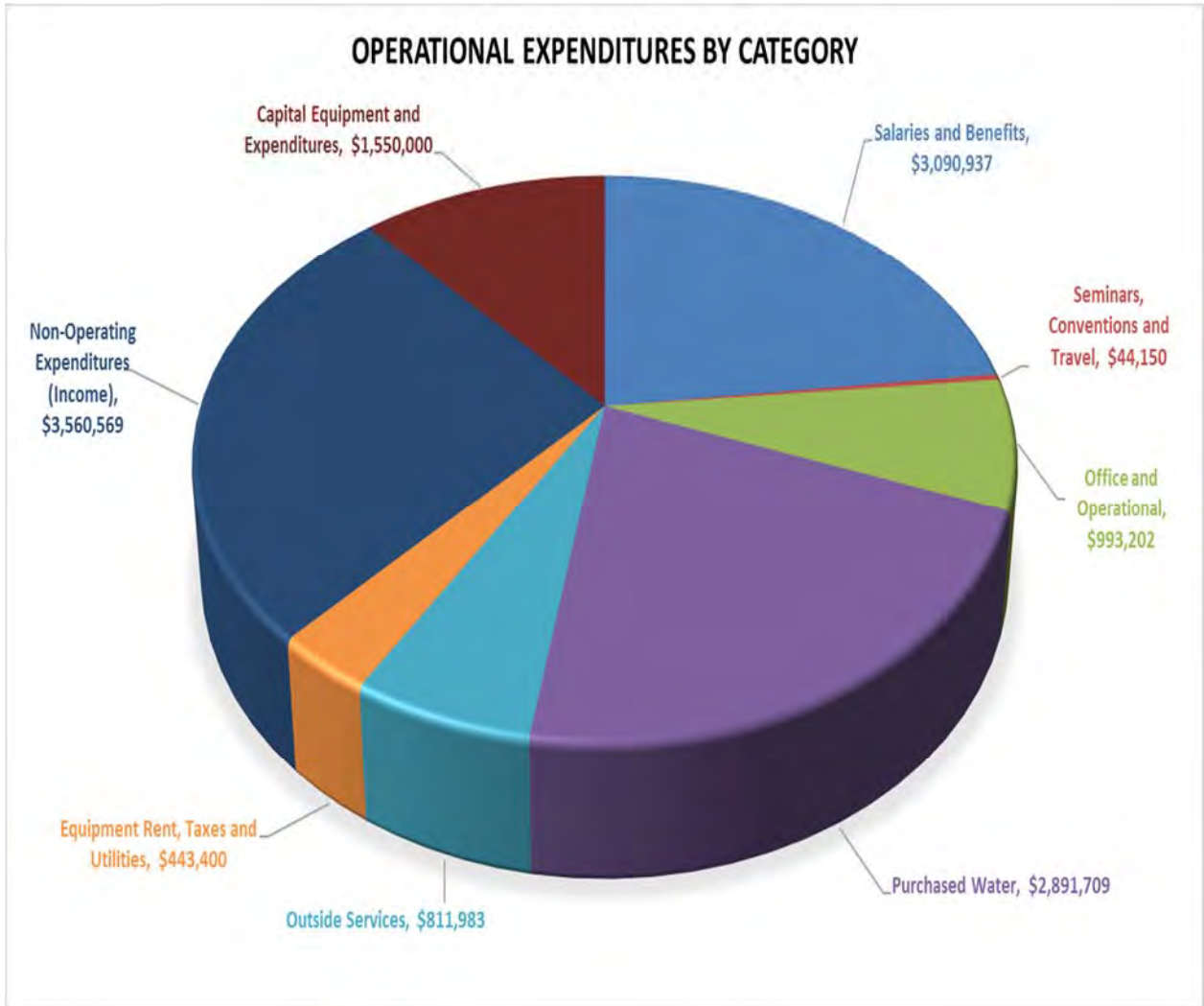
Expenditure	Page Reference	General Ledger Reference	FY 12-13 Actual	FY 13-14 Actual	FY14-15 Budget	FY14-15 Projected	FY15-16 Budget	Change in Budget
Revenues	Page 18	4100 - 4900	\$ 14,312,791	\$ 13,435,194	\$ 14,463,783	\$ 13,445,138	\$ 13,385,949	\$ (1,077,834)
Salaries and Benefits	Page 21	5100 - 5280	2,900,424	2,829,645	3,721,605	3,281,699	3,600,175	\$ (121,430)
Seminars, Conventions and Travel	Page 24	5300 - 5375	18,483	18,650	38,007	29,290	44,150	\$ 6,143
Office and Operational	Page 26	5410 - 5494	735,323	786,482	1,018,668	937,783	993,202	\$ (25,466)
Purchased Water	Page 26	5495 - 5495	2,517,816	2,656,509	3,092,500	2,615,772	2,891,709	\$ (200,791)
Outside Services	Page 29	5505 - 5580	595,834	482,614	820,558	802,479	811,983	\$ (8,576)
Equipment Rent, Taxes and Utilities	Page 29	5620 - 5760	416,662	394,788	439,846	348,150	443,400	\$ 3,554
Subtotal Operational Expenditures			7,184,542	7,168,688	9,131,184	8,015,172	8,784,618	\$ (346,566)
Less: Capitalized Expenditures*	Pages 21 & 26		-	(538,181)	(594,820)	(538,181)	(509,238)	\$ 85,582
Total Operational Expenses			7,184,542	6,630,507	8,536,364	7,476,991	8,275,380	\$ (260,984)
Non-Operating Expenditures (Income) **	Page 32	5810 - 9973	5,486,827	6,016,040	5,807,729	5,573,943	3,560,569	\$ (2,247,160)
Capital Equipment and Expenditures	Page 32	1705 - 1760	-	131,290	114,245	-	1,550,000	\$ 1,435,755
Total Net Expenditures			12,671,369	12,777,837	14,458,338	13,050,935	13,385,949	\$ (1,072,389)
Revenues In Excess of Expenditures, Principal Retirement and Capital Expenses			\$ 1,641,422	\$ 657,357	\$ 5,445	\$ 394,203	\$ (0)	\$ (5,445)

* This represents 70% of Salary, Benefits and Material Costs of the Utility Division which will be charged to the Capital Improvement Program

** Includes transfer of \$74,671 from the Operating Reserve Fund

Required	Ratio
1.15	1.40
Net Income	\$ 5,110,569
Debt Service	\$ 3,655,240

OPERATIONS DEPARTMENT BY CATEGORY TOTAL NET EXPENDITURES \$13,385,949

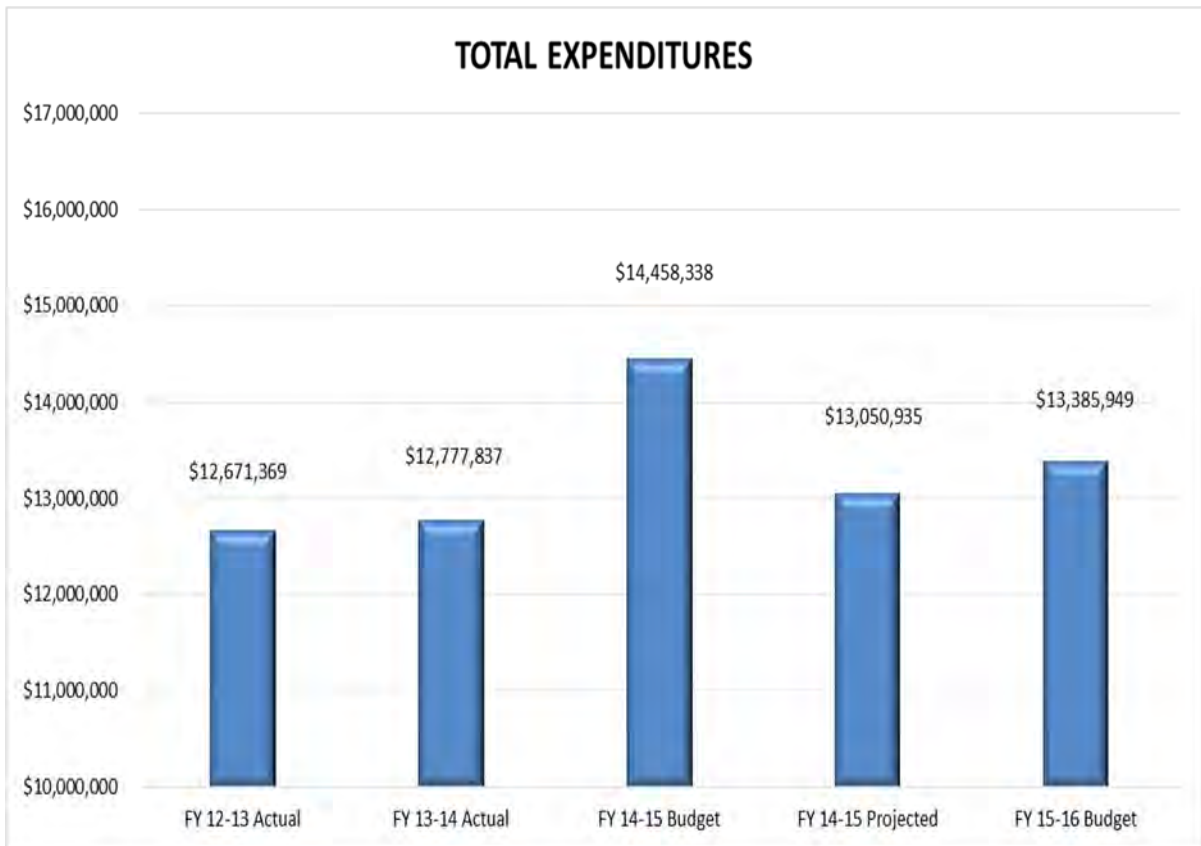


The Total Net Expenditures are net of capitalized expenses of \$509,708 for the labor costs associated with the capital projects constructed by the Distribution and Utility Departments.

In addition, Total Net Expenditures are net of a transfer of \$74,671 from the Operating Reserve Fund.

TOTAL NET EXPENDITURES

FISCAL YEARS 2012-13 THROUGH 2015-2016



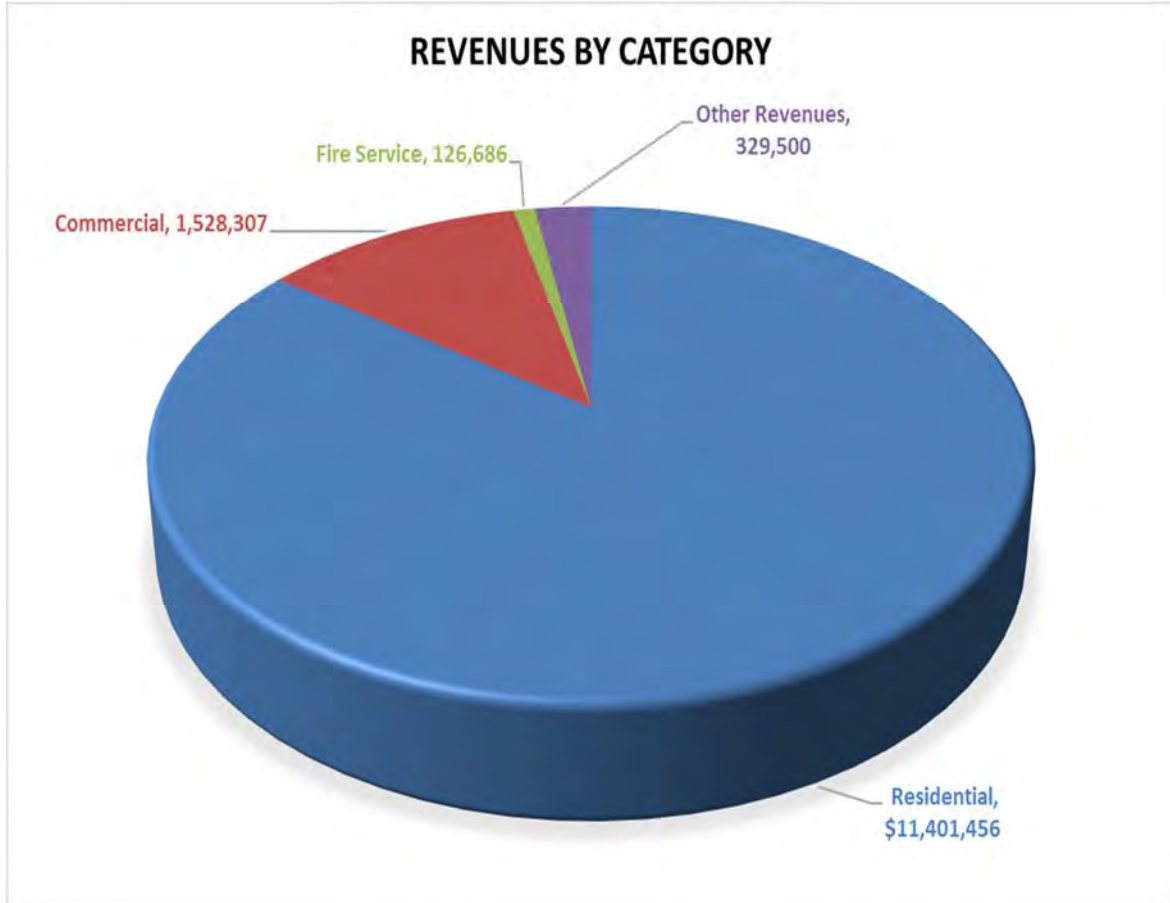
Elk Grove Water District Fiscal Year 2015-2016 Operating Budget

June 24, 2015

**Elk Grove Water District
Budgeted Revenue Accounts Detail
For the Fiscal Year ending June 30, 2016**

<u>Account#</u>	<u>Description</u>	<u>FY 12-13 Actual</u>	<u>FY 13-14 Actual</u>	<u>FY 14-15 Budget</u>	<u>FY 14-15 Projected</u>	<u>FY 15-16 Requested Budget</u>
4100	Water Payment Revenues - Residential	\$11,760,577	\$11,166,355	\$11,940,565	\$11,534,563	\$ 11,461,456
4110	Water Payment Revenues - Commercial	1,917,358	1,715,300	1,891,647	\$ 1,554,364	1,528,307
4120	Water Payment Revenues - Fire Service	368,007	262,293	317,122	126,006	126,686
4200	Meter Fees/Plan Check/Water Capacity	101,020	68,128	50,376	26,776	26,000
4300	Backflow Install EGWD	-	14,138	74,000	56,173	75,000
4520	Door Hanger Fees	116,675	121,300	131,737	129,600	130,000
4540	New Account Fees	27,750	28,530	32,187	23,840	25,000
4550	NSF Fees	2,192	3,465	2,400	3,313	3,000
4570	Shut-off Fees	76,078	67,597	75,667	133	64,000
4580	Credit Card Fees	7,286	7,470	8,082	6,487	6,500
4700	Rental Income	1,684	1,823	-		0
4900	Customer Refunds	(65,835)	(21,205)	(60,000)	(98,709)	(60,000)
	Total Revenues	\$14,312,791	\$13,435,194	\$14,463,783	\$13,362,547	\$ 13,385,949

TOTAL REVENUES BY CATEGORY

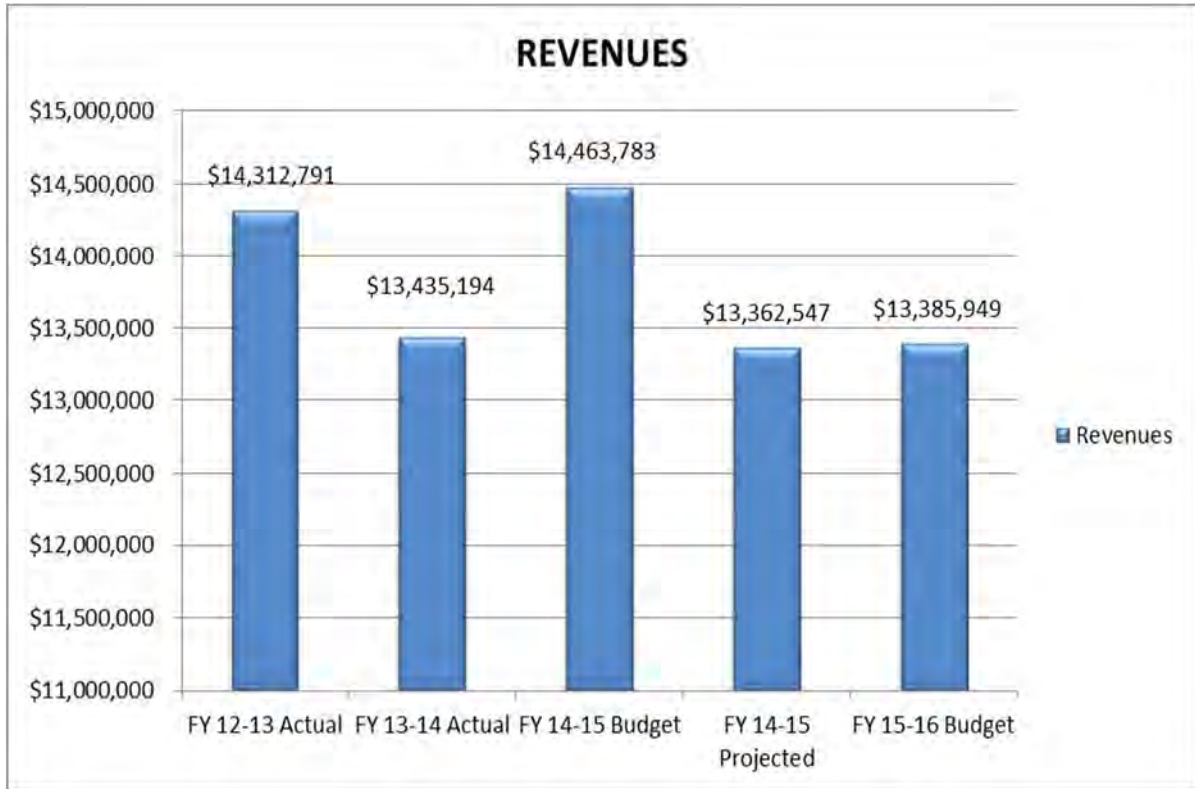


Other Revenues include:

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

Please note that the Residential Revenue in this graph is net of customer refunds.

TOTAL REVENUES FISCAL YEARS 2012-13 THROUGH 2015-2016



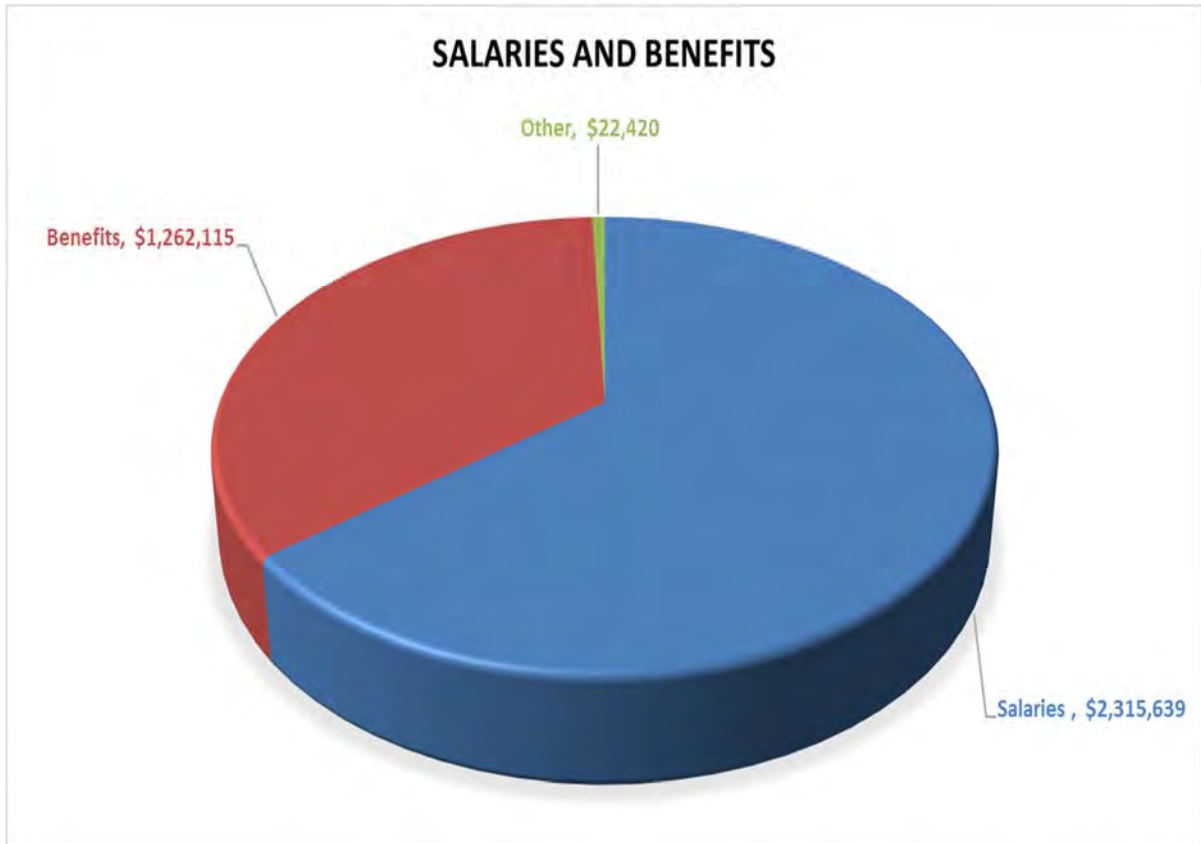
The FY 2015-16 Budget contains a revenue adjustment of 3% starting in January 2016.

Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

Elk Grove Water District
Budgeted Salaries and Benefits Accounts Detail
For the Fiscal Year ending June 30, 2016

Account#	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Budget	FY 14-15 Projected	FY 15-16 Requested Budget
5100	Executive Salary	\$ 131,051	\$ 150,220	\$ 146,535	\$ 150,987	\$ 140,194
5110	Exempt Salaries	409,641	490,178	491,114	\$ 451,053	471,721
5120	Non-Exempt Salaries	1,068,747	984,040	1,362,435	\$1,243,479	1,302,819
5130	Overtime Compensation	65,613	43,062	60,396	\$ 45,778	57,800
5140	On Call Pay	18,620	18,320	18,250	\$ 17,733	18,250
5150	Holiday Pay	79,833	81,914	112,794	\$ 111,630	114,577
5160	Vacation Pay	90,775	118,645	106,790	\$ 92,317	118,617
5170	Personal Time Pay	79,814	74,870	91,654	\$ 74,856	91,662
5180	Internship Program	-	-	12,164	\$ -	-
5200	Medical Benefits	414,536	372,689	589,705	\$ 525,594	622,871
5195	EAP	1,267	883	880	\$ 810	880
5210	Dental/Vision/Life Insurance	45,789	41,289	64,013	\$ 54,954	57,837
5220	Retirement Benefits	293,259	260,687	372,214	\$ 281,069	297,548
5225	Retirement Benefits - Post Employment	93,686	68,355	80,000	\$ 75,335	100,000
5230	Medical Tax, Social Security and SUI	40,093	44,880	45,981	\$ 50,382	56,763
5240	Worker's Compensation Insurance	52,924	55,314	81,660	\$ 84,959	98,014
5250	Education Assistance	-	1,290	35,200	\$ 1,006	18,000
5260	Employee Training	13,992	21,896	47,100	\$ 16,411	28,203
5270	Employee Recognition	409	910	600	\$ 3,236	2,920
5280	Meetings	376	203	2,120	\$ 112	1,500
	Less Capitalized Expenses					(509,238)
		<u>\$2,900,424</u>	<u>\$2,829,645</u>	<u>\$3,721,605</u>	<u>\$3,281,699</u>	<u>\$ 3,090,937</u>

TOTAL NET SALARIES AND BENEFITS \$3,090,937*

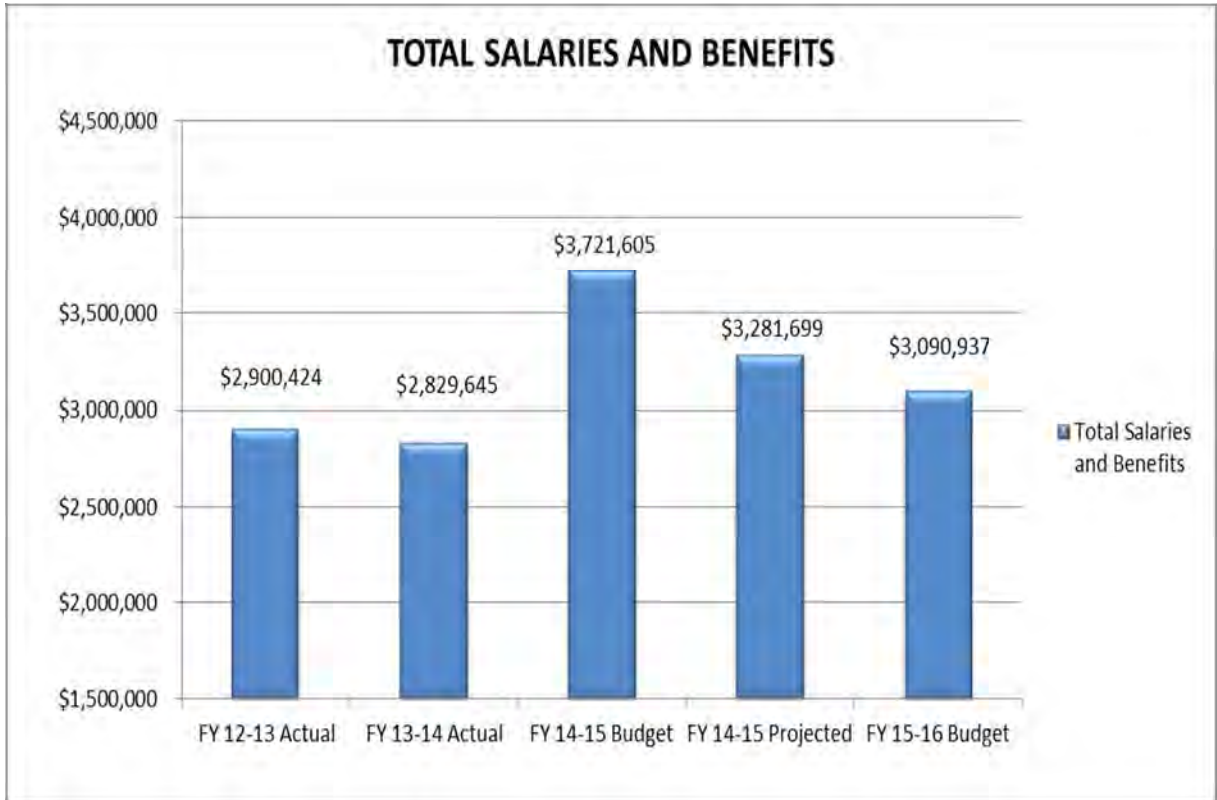


The Other Expenditure Categories include:

- Education Assistance
- Employee Recognition
- Meetings

*The total Salaries and Benefits are net of labor costs of \$509,708 that will be capitalized for the capital improvements constructed by the Distribution and Utility Departments.

TOTAL SALARIES AND BENEFITS FISCAL YEARS 2012-13 THROUGH 2015-16



The Salaries and Benefits are adjusted as follows for the capitalized expense for capital improvements constructed by the Distribution and Utility Departments:

- Salaries and Benefits \$509,708

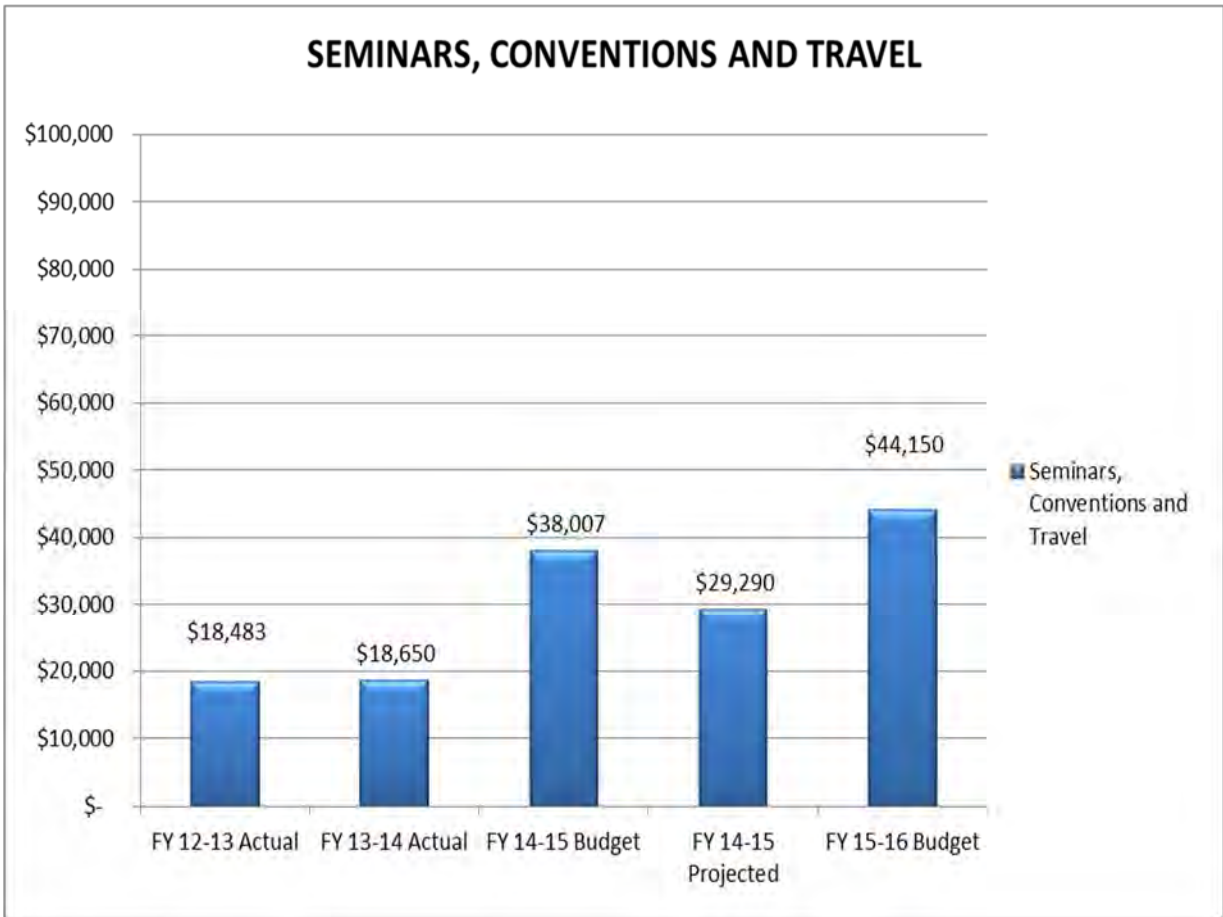
Elk Grove Water District Fiscal Year 2015-2016 Operating Budget

June 24, 2015

**Elk Grove Water District
Budgeted Seminars, Conventions and Travel Accounts Detail
For the Fiscal Year ending June 30, 2016**

Account#	Description	FY 12-13		FY 13-14	FY 14-15		FY 14-15	FY 15-16
		Actual	Actual	Actual	Budget	Projected	Requested Budget	
5300	Airfare	\$ 1,317	\$ 318	\$ 3,150	\$ 3,465	\$ 4,750		\$ 4,750
5310	Hotels	3,397	5,000	\$ 9,200	\$ 6,540	11,050		11,050
5320	Meals	2,046	2,371	\$ 4,347	\$ 4,619	5,210		5,210
5330	Auto Rental	372	131	\$ 1,450	\$ 448	2,000		2,000
5340	Seminars & Conferences	5,503	3,160	\$ 9,300	\$ 7,940	9,450		9,450
5345	Seminars & Conferences - Board	95	1,435	\$ 3,350	\$ -	5,200		5,200
5350	Mileage Reimbursement, Parking, Tolls	586	1,395	\$ 1,630	\$ 1,478	1,690		1,690
5375	Auto Allowance	5,166	4,840	\$ 5,580	\$ 4,800	4,800		4,800
		<u>\$ 18,483</u>	<u>\$ 18,650</u>	<u>\$ 38,007</u>	<u>\$ 29,290</u>	<u>\$ 44,150</u>		<u>\$ 44,150</u>

TOTAL SEMINARS, CONVENTIONS AND TRAVEL FISCAL YEARS 2012-13 THROUGH 2015-2016



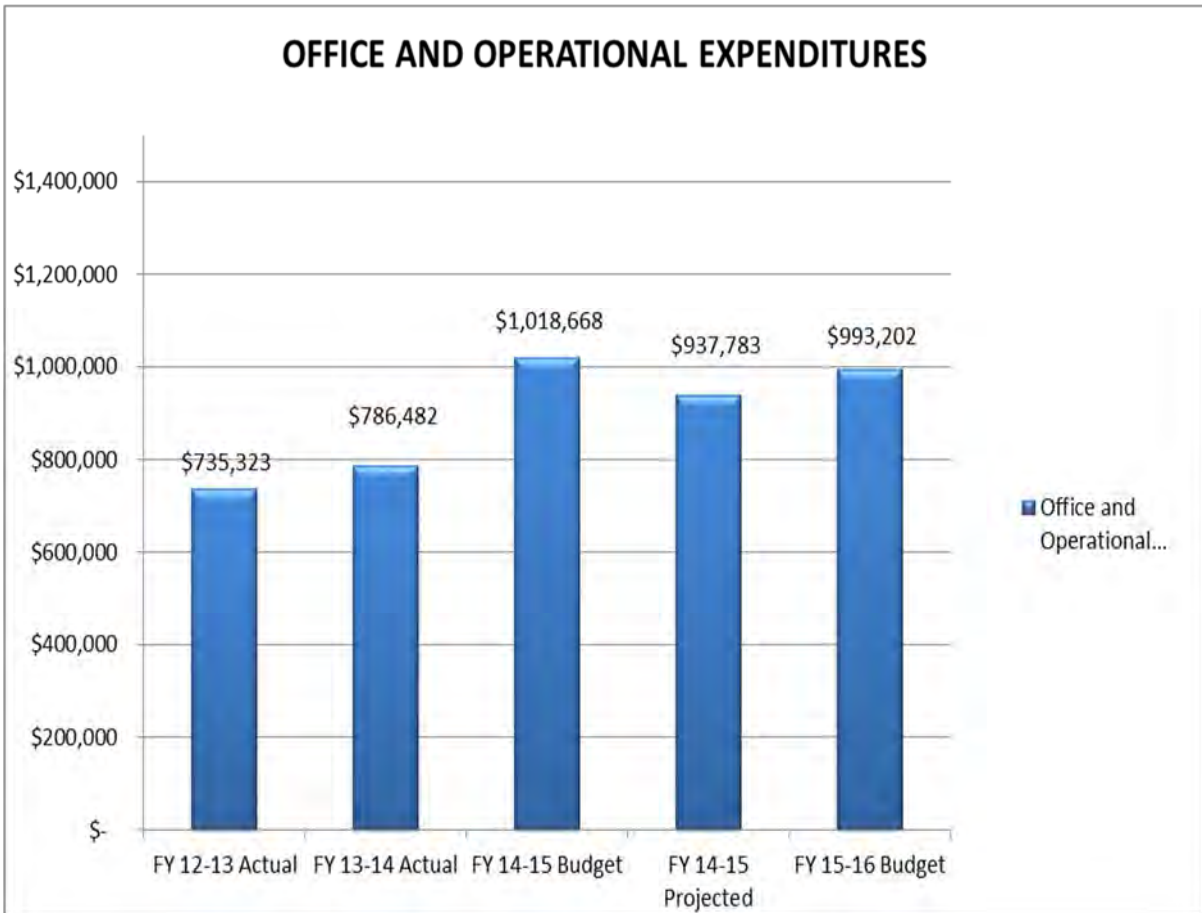
Elk Grove Water District Fiscal Year 2015-2016 Operating Budget

June 24, 2015

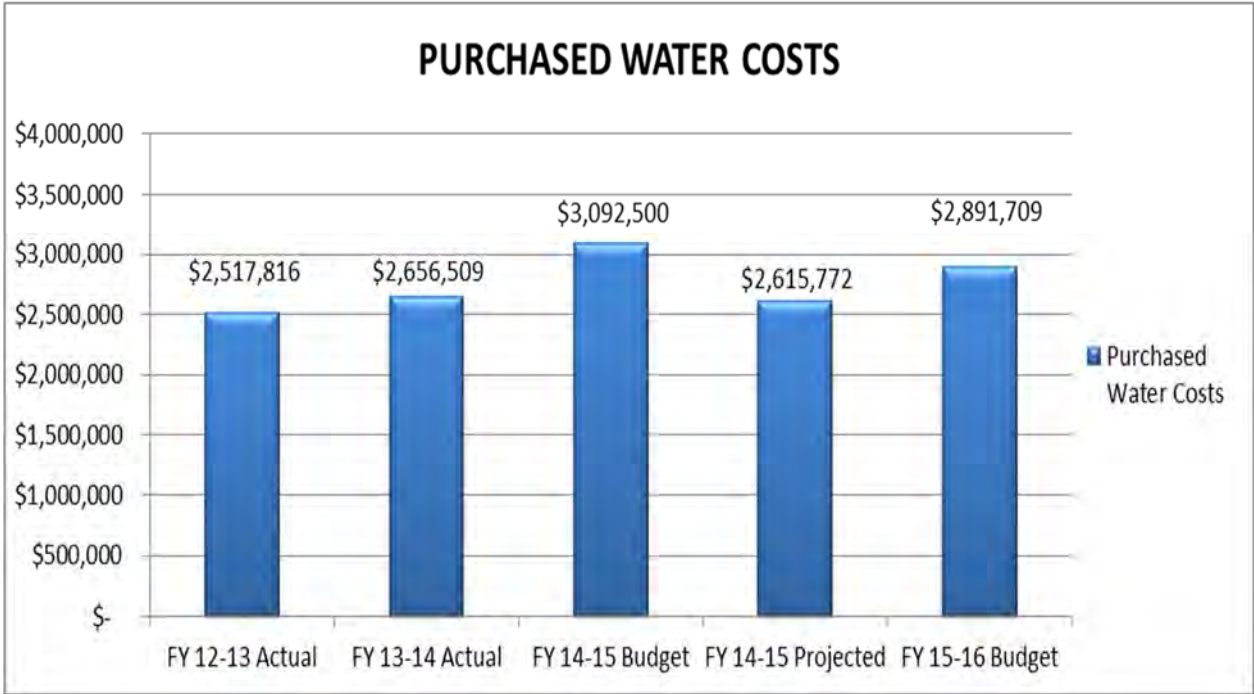
**Elk Grove Water District
Budgeted Office and Operational Accounts Detail
For the Fiscal Year ending June 30, 2016**

<u>Account#</u>	<u>Description</u>	<u>FY 12-13</u>	<u>FY 13-14</u>	<u>FY 14-15</u>	<u>FY 14-15</u>	<u>FY 14-15</u>	<u>FY 15-16</u>
		<u>Actual</u>	<u>Actual</u>	<u>Budget</u>	<u>Budget</u>	<u>Projected</u>	<u>Requested Budget</u>
5410	Advertising	\$ 3,203	\$ 3,754	\$ 5,300	\$ 5,300	\$ 8,979	\$ 6,200
5415	Association Dues	53,716	53,823	65,392	65,392	81,937	72,170
5420	Insurance	83,098	68,865	75,000	75,000	76,462	75,000
5425	Licenses, Certifications, Fees	18,446	5,809	10,300	10,300	7,589	9,700
5430	Repairs & Maintenance - Automotive	19,459	16,585	27,533	27,533	36,404	40,300
5432	Repairs & Maintenance - Building	10,643	14,197	17,081	17,081	10,830	13,500
5434	Repairs & Maintenance - Computers	50,282	1,839	9,100	9,100	27,104	24,800
5435	Repairs & Maintenance - Equipment	37,055	52,278	93,728	93,728	98,085	108,000
5438	Fuel	41,505	41,338	64,813	64,813	45,933	63,600
5440	Materials	149,957	143,564	296,692	296,692	188,388	206,000
5445	Chemicals	24,955	48,945	27,000	27,000	10,897	12,000
5450	Meter Repairs	553	91	600	600	-	9,000
5453	Permits	7,380	31,193	36,600	36,600	34,282	39,620
5455	Postage	58,421	65,773	59,300	59,300	53,076	59,300
5460	Printing	5,849	8,086	12,400	12,400	4,182	15,400
5465	Safety Equipment	1,773	12,993	14,550	14,550	4,403	11,950
5470	Software Programs & Updates	58,040	114,981	97,244	97,244	149,296	108,744
5475	Supplies	62,426	22,421	33,000	33,000	28,469	30,295
5480	Telephone	32,972	38,333	37,055	37,055	35,380	29,505
5485	Tools	7,282	24,069	19,521	19,521	24,520	5,329
5490	Clothing Allowance	8,305	9,901	9,500	9,500	5,028	10,500
5491	EGWD - Other Clothing	-	7,644	6,959	6,959	6,537	12,289
5493	Water Conservation Materials	-	-	-	-	-	30,000
		735,323	786,482	1,018,668	1,018,668	937,783	993,202
5495	Purchased Water	2,517,816	2,656,509	\$3,092,500	\$3,092,500	\$2,615,772	2,891,709

TOTAL OFFICE AND OPERATIONAL FISCAL YEARS 2012-13 THROUGH 2015-16



TOTAL PURCHASED WATER FISCAL YEARS 2012-2013 THROUGH 2015-16



Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

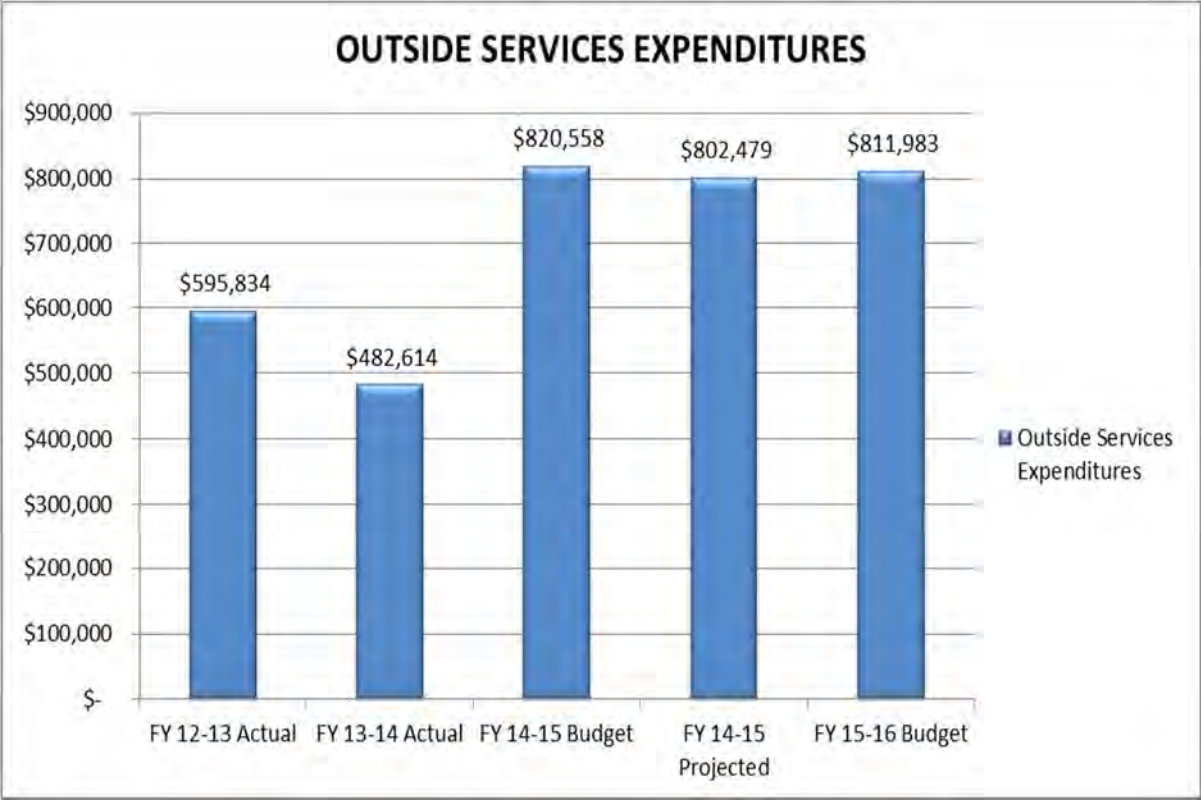
Elk Grove Water District
Budgeted Outside Services Accounts Detail
For the Fiscal Year ending June 30, 2016

Account#	Description	FY 12-13	FY 13-14	FY 14-15	FY 14-15	FY 15-16
		Actual	Actual	Budget	Projected	Requested Budget
5505	Administration Services	\$ 1,155	\$ 1,012	\$ 1,500	\$ 1,081	\$ 6,000
5510	Bank Charges	41,787	47,799	\$ 48,000	\$ 54,932	62,400
5515	Billing Services	26,484	28,308	\$ 27,400	\$ 23,370	26,400
5520	Contracted Services	127,963	136,029	\$ 228,830	\$ 241,689	248,836
5523	Water Conservation Services	-	-	\$ -	\$ -	20,000
5525	Accounting Services	63,788	43,344	\$ 60,000	\$ 35,487	35,000
5530	Engineering	1,400	14,798	\$ 130,000	\$ 100,114	80,000
5535	Legal Services	169,632	98,307	\$ 185,000	\$ 129,966	205,000
5540	Financial Consultants	86,998	29,653	\$ 20,000	\$ 91,468	10,000
5545	Community Relations	10,118	14,065	\$ 13,700	\$ 24,213	16,200
5552	Misc. Medical	2,354	2,086	\$ 1,000	\$ 1,676	2,000
5550	Pre-employment	1,817	630	\$ 25,000	\$ 18,379	10,000
5555	Janitorial	3,885	5,935	\$ 6,440	\$ 6,338	6,500
5560	Bond Administration	7,366	7,353	\$ 8,500	\$ 9,223	8,500
5570	Security	31,682	26,412	\$ 22,188	\$ 20,012	26,500
5575	Sampling	16,256	23,858	\$ 40,000	\$ 41,531	45,647
5580	Board Secretary/Treasurer	3,150	3,025	\$ 3,000	\$ 3,000	3,000
		<u>\$ 595,834</u>	<u>\$ 482,614</u>	<u>\$ 820,558</u>	<u>\$ 802,479</u>	<u>\$ 811,983</u>

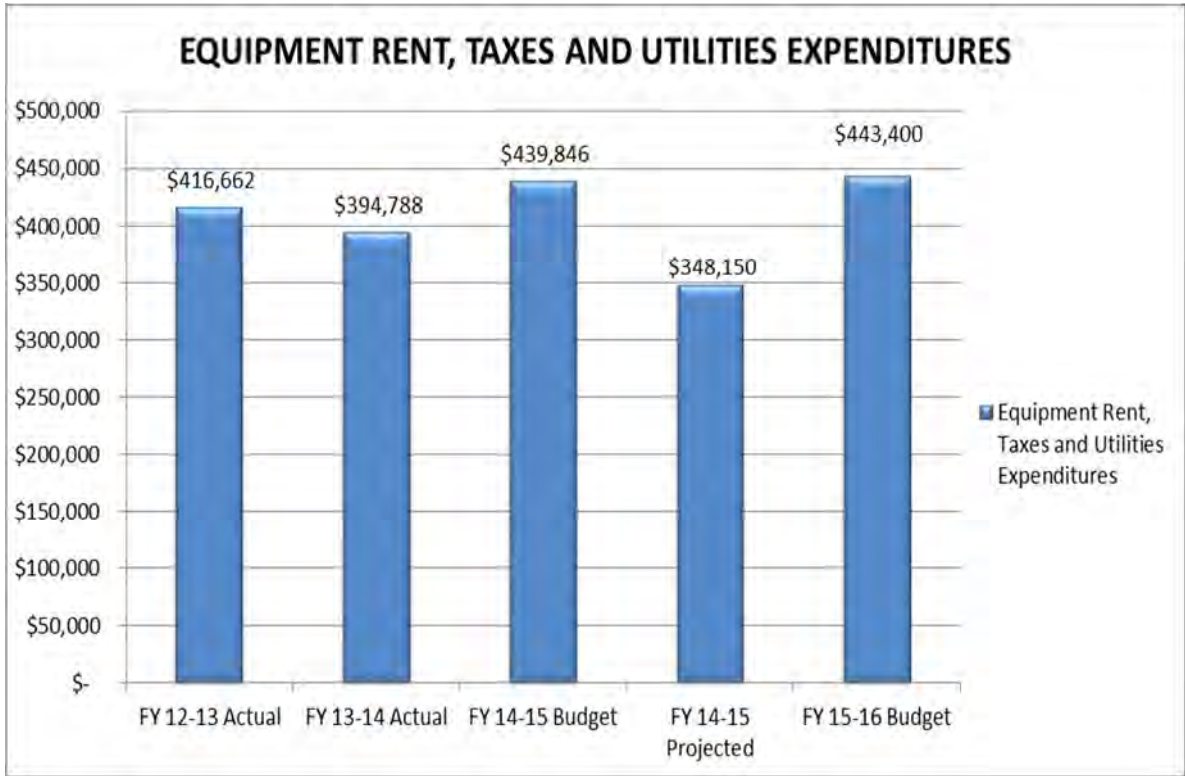
Elk Grove Water District
Budgeted Rents, Taxes and Utilities Accounts Detail
For the Fiscal Year Ending June 30, 2016

Account#	Description	FY 12-13	FY 13-14	FY 14-15	FY 14-15	FY 15-16
		Actual	Actual	Budget	Projected	Requested Budget
5610	Occupancy	\$ (9,367)	\$ -	\$ -	\$ -	\$ -
5620	Equipment Rental	37,552	38,047	\$ 25,871	\$ 16,831	29,500
5710	Property Taxes	3,464	3,992	\$ 4,100	\$ 6,268	4,700
5720	Water	1,087	-	\$ -	\$ -	-
5740	Electricity	359,504	333,039	\$ 379,694	\$ 303,071	379,000
5750	Natural Gas	286	437	\$ 600	\$ 475	500
5760	Sewer & Garbage	24,138	19,273	\$ 29,581	\$ 21,504	29,700
		<u>\$ 416,662</u>	<u>\$ 394,788</u>	<u>\$ 439,846</u>	<u>\$ 348,150</u>	<u>\$ 443,400</u>

TOTAL OUTSIDE SERVICES FISCAL YEARS 2012-13 THROUGH 2015-16



TOTAL EQUIPMENT RENT, TAXES AND UTILITIES FISCAL YEARS 2012-13 THROUGH 2015-16



Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

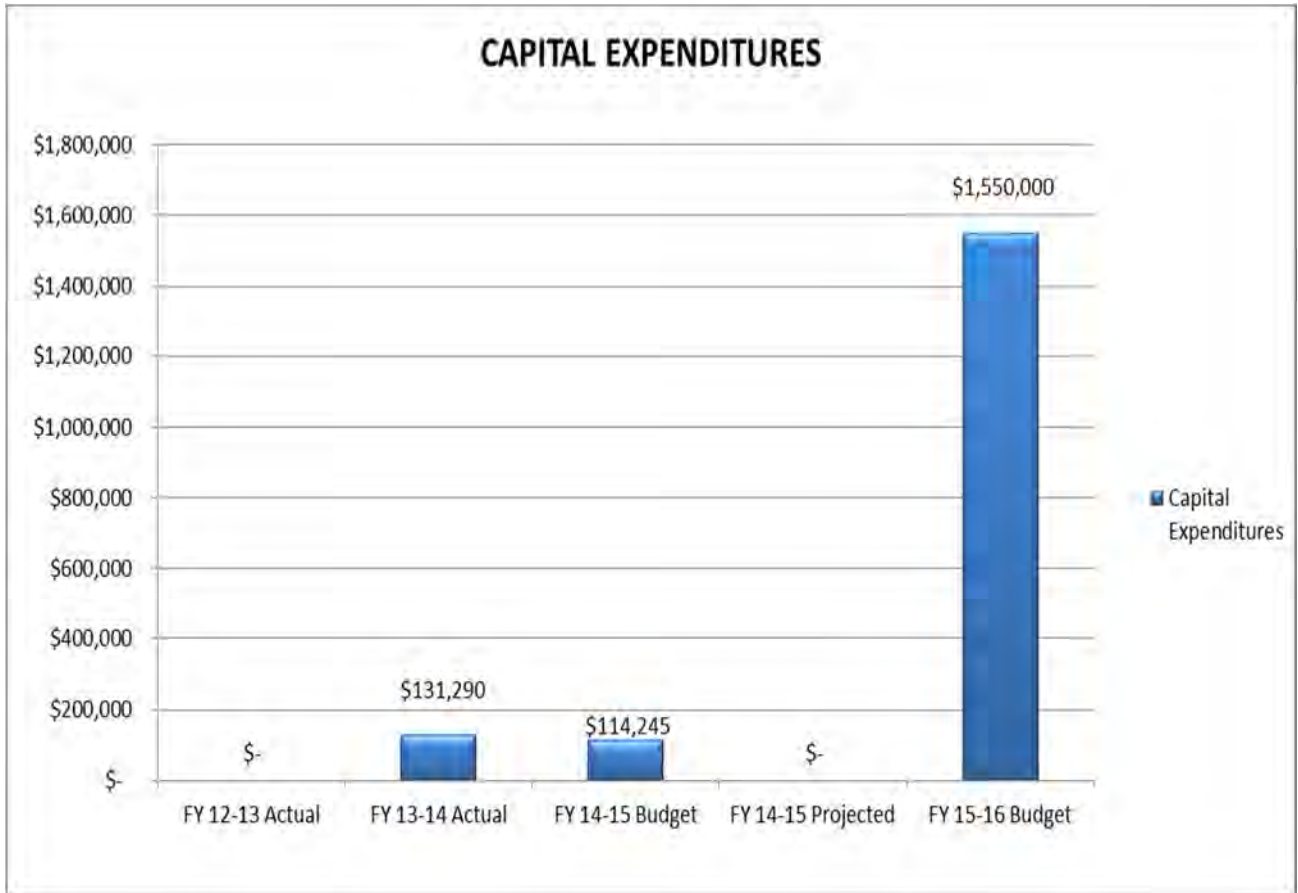
Elk Grove Water District
Budgeted Capital Expenses Detail
For the Fiscal Year ending June 30, 2016

Account#	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Budget	FY 14-15 Projected	FY 15-16 Requested Budget
1730	Meters	\$ -	\$ -	\$ -	\$ -	\$ -
1745	Transportation Equipment	-	-	\$ -	\$ -	-
1760/1765	Capital Equipment & Expenditures	-	96,290	\$ 114,245	\$ -	-
1705	Non-Project Capital Expenses	-	35,000	\$ -	\$ -	-
3560	Repair & Replacement Reserve	-	-	\$ -	\$ -	851,472
3565	L-T Capital Improvement Reserve	-	-	\$ -	\$ -	698,528
		<u>\$ -</u>	<u>\$ 131,290</u>	<u>\$ 114,245</u>	<u>\$ -</u>	<u>\$ 1,550,000</u>

Elk Grove Water District
Budgeted Non Operating Activity Detail
For the Fiscal Year ending June 30, 2016

Account#	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Budget	FY 14-15 Projected	FY 15-16 Requested Budget
6440	Depreciation & Amortization	\$ 1,708,742	\$ 2,054,712	\$ 1,850,000	\$ 1,850,000	\$ -
7300	Debt Service (Bond Interest Expense)	2,624,774	2,580,129	2,546,826	2,546,826	2,225,240
7310	Discount Amortization Expense	28,344	28,229	28,344	-	-
7320	Offering Expense - Deferred Charges	-	-	-	-	-
7400	Interest Paid - 9257 Elk Grove Note	59,381	55,649	-	-	-
9920	Other Expenses (Income)	(50,793)	-	-	(240,532)	-
2470	9257 Elk Grove Blvd. Note	55,606	59,337	-	-	-
2500	Bond Retirement	1,080,000	1,175,000	1,290,000	1,290,000	1,430,000
9910	Interest Earned	(20,886)	(18,188)	(10,000)	(10,617)	(20,000)
9950	Election Costs	1,660	-	102,559	138,267	-
		<u>\$ 5,486,827</u>	<u>\$ 5,934,868</u>	<u>\$ 5,807,729</u>	<u>\$ 5,573,943</u>	<u>\$ 3,635,240</u>

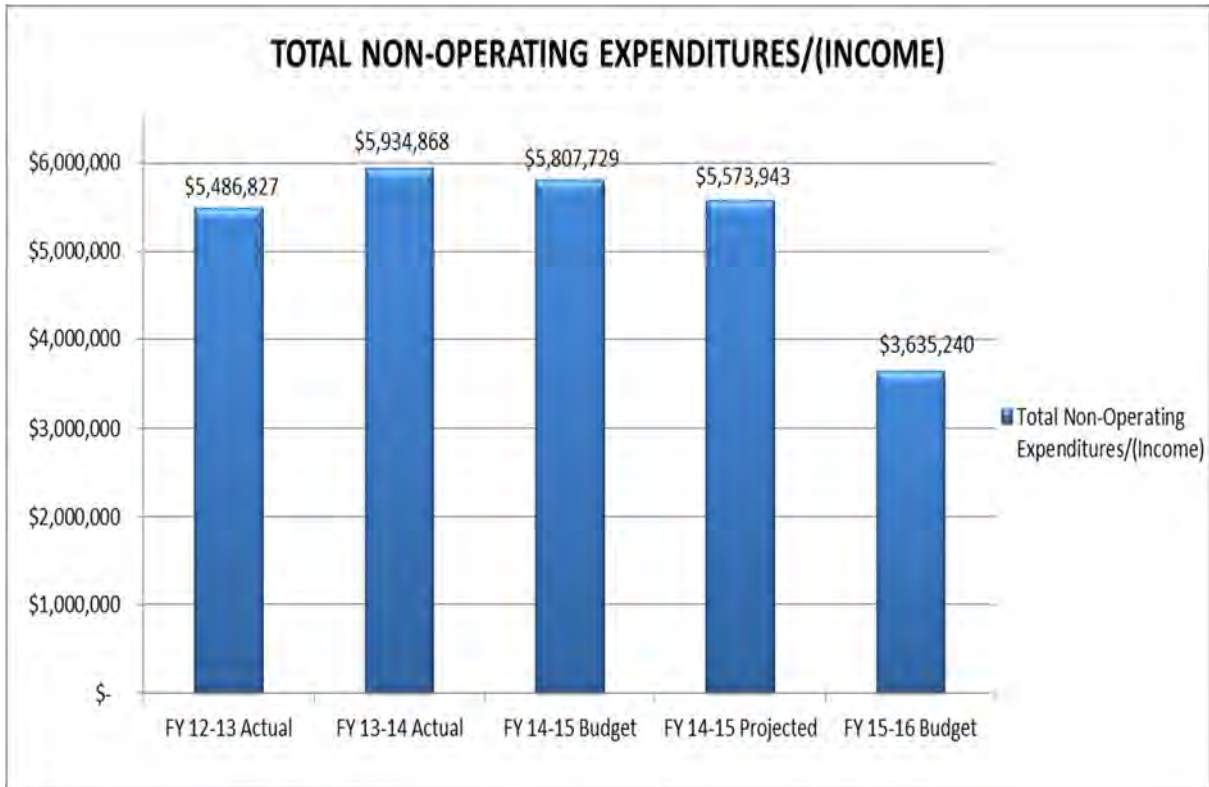
TOTAL CAPITAL EXPENDITURES FISCAL YEARS 2012-13 THROUGH 2015-16



Starting in FY 2012-13, all CIP, with the exception of two minor projects, were budgeted in the Five Capital Improvement Program.

The FY 2015-16 capital improvement funding is for Repair & Replacement and Long-Term Capital Reserve funding based on the Asset Management Plan. This is a reallocation of expenditures previously budgeted as depreciation and amortization.

TOTAL NON-OPERATING EXPENDITURES (INCOME) FISCAL YEARS 2012-13 THROUGH 2015-16



The Non-Operating Expenditures include:

- Debt Service – Water System
- Depreciation has been eliminated as a budgeted line item. The budgeted amounts previously included in depreciation and amortization have now been effectively shifted to the Repair & Replacement and Long-Term Capital Investment Reserves.

Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

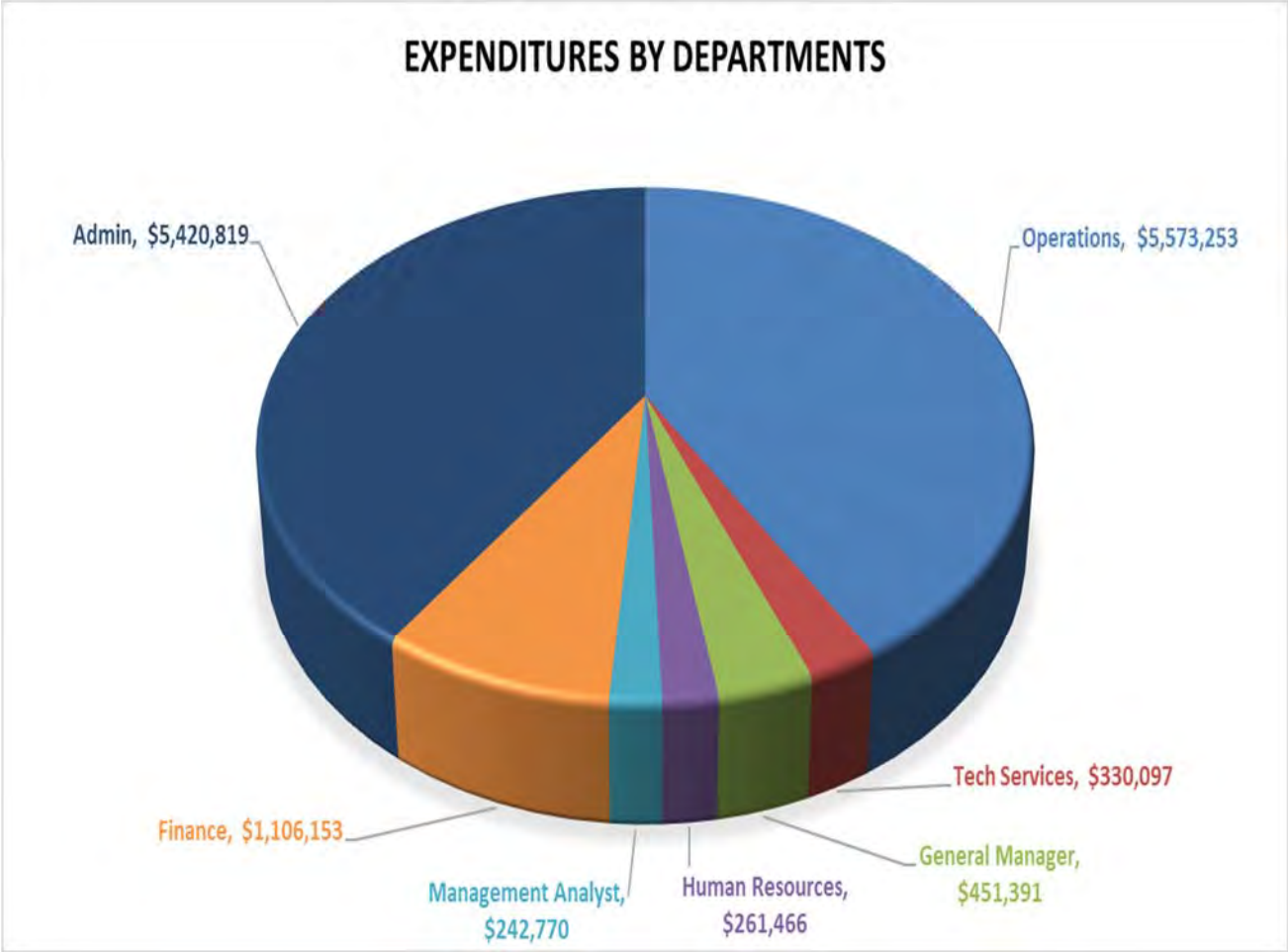
Elk Grove Water District
Summary by Departments
For the Fiscal Year ending June 30, 2016

<u>Expenditure</u>	Technical Operations	General Services	Human Manager	Management Resources	Analyst	Finance	Admin	Total Budget
Revenues								13,385,949
Salaries and Benefits	\$2,014,880	\$240,747	\$226,691	\$225,916	\$ 147,620	\$ 644,321	\$ 100,000	\$ 3,600,175
Seminars, Conventions and Travel	3,050	4,450	18,500	9,350	2,800	6,000	-	44,150
Office and Operational	662,205	4,900	-	6,200	47,850	112,197	159,850	993,202
Purchased Water	2,891,709	-	-	-	-	-	-	2,891,709
Outside Services	99,147	80,000	206,200	20,000	44,500	343,636	18,500	811,983
Equipment Rent, Taxes and Utilities	411,500	-	-	-	-	-	31,900	443,400
Subtotal Operational Expenditures	6,082,491	330,097	451,391	261,466	242,770	1,106,153	310,250	8,784,618
Less: Capitalized Expenditures*	(509,238)							(509,238)
Total Operational Expenses	5,573,253	330,097	451,391	261,466	242,770	1,106,153	310,250	8,275,380
Non-Operating Expenditures (Income) **						-	3,560,569	3,560,569
Capital Equipment and Expenditures	-					-	1,550,000	1,550,000
Total Net Expenditures	5,573,253	330,097	451,391	261,466	242,770	1,106,153	5,420,819	13,385,949
Revenues In Excess of Expenditures, Principal Retirement and Capital Expenditures								<u>\$ (0)</u>

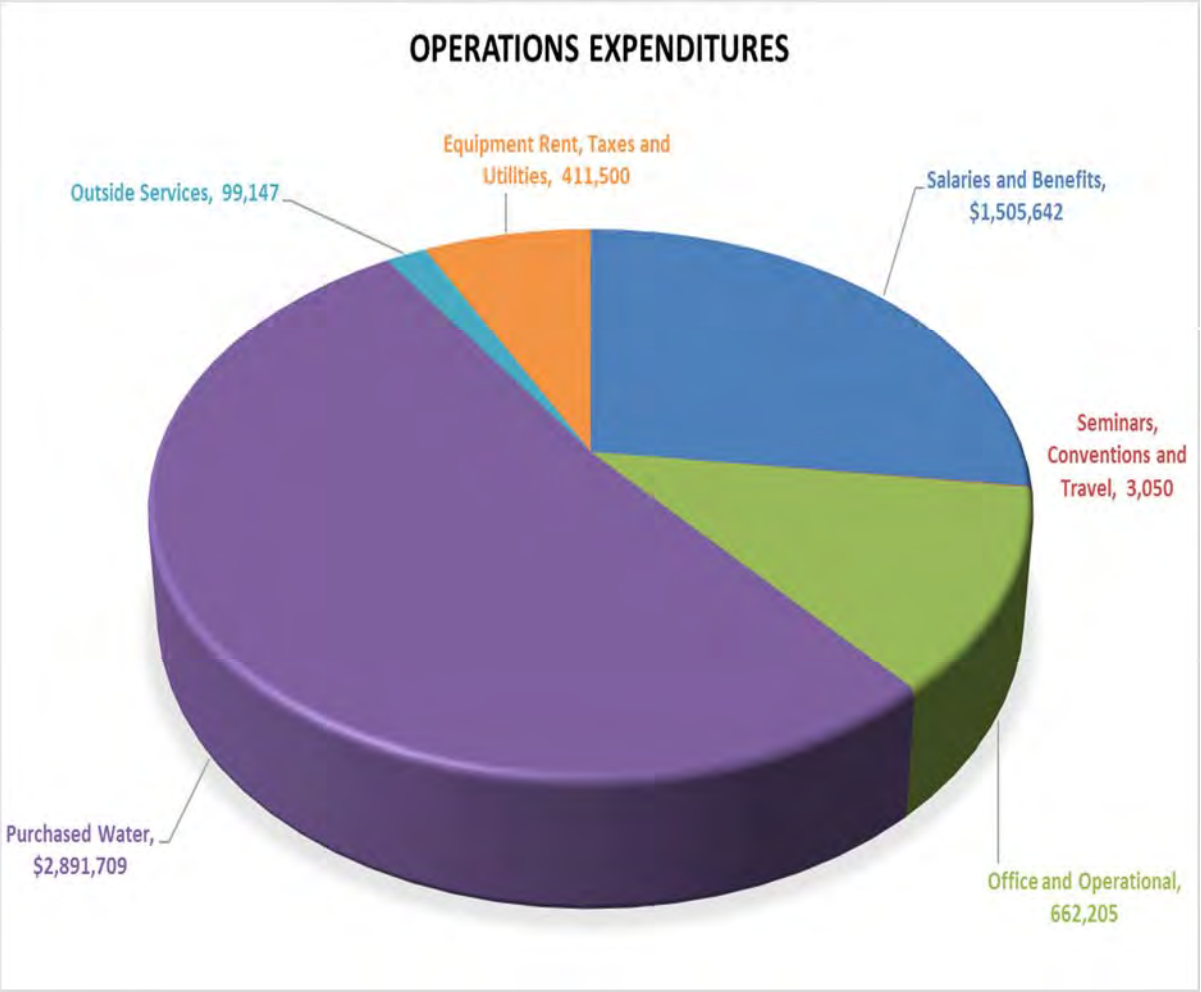
* This represents 70% of Salary Costs of the Utility Division which will be charged to Capital Projects

** Includes transfer of \$74,671 from the Operating Reserve Fund

TOTAL EXPENDITURES BY DEPARTMENTS

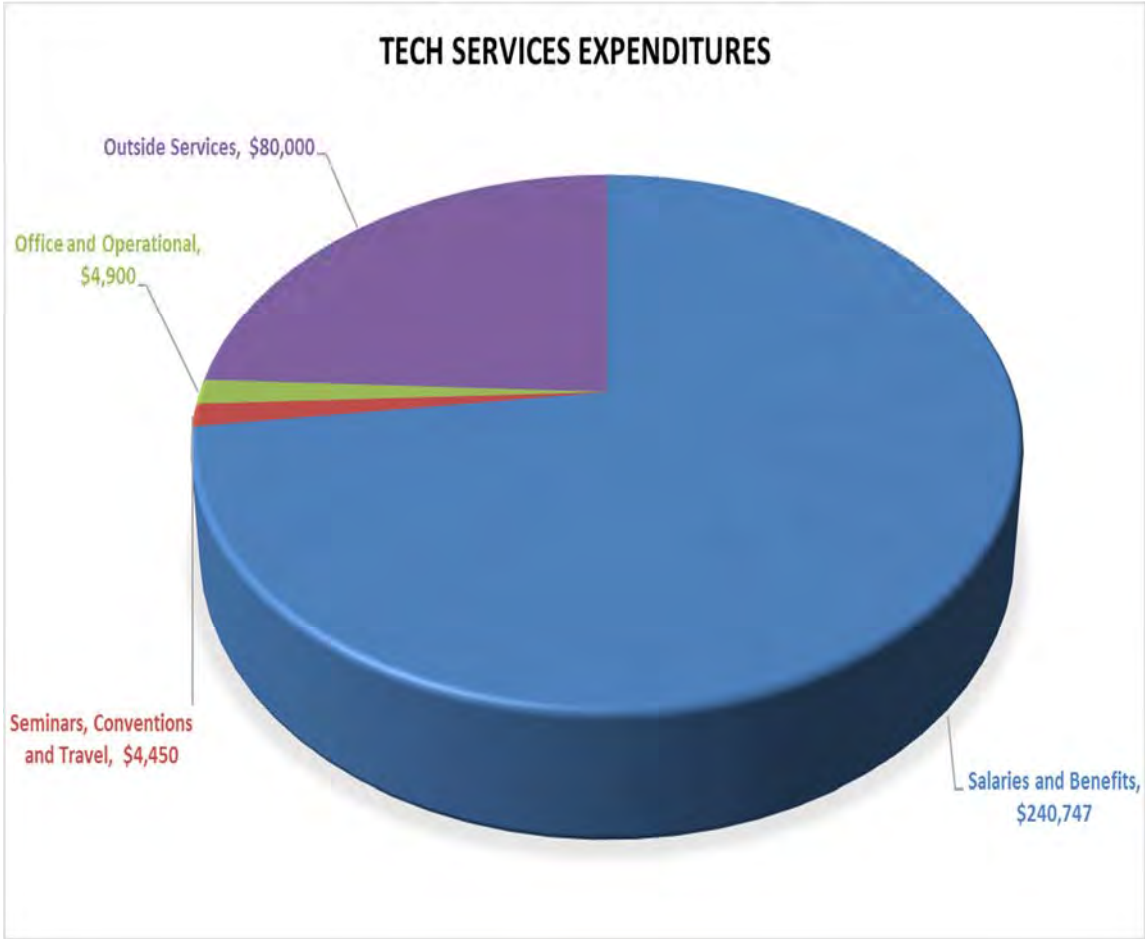


OPERATIONS DEPARTMENT \$5,573,253
TOTAL EXPENDITURES BY CATEGORY



Salaries and benefits include a reduction for capitalized labor of \$509,238.

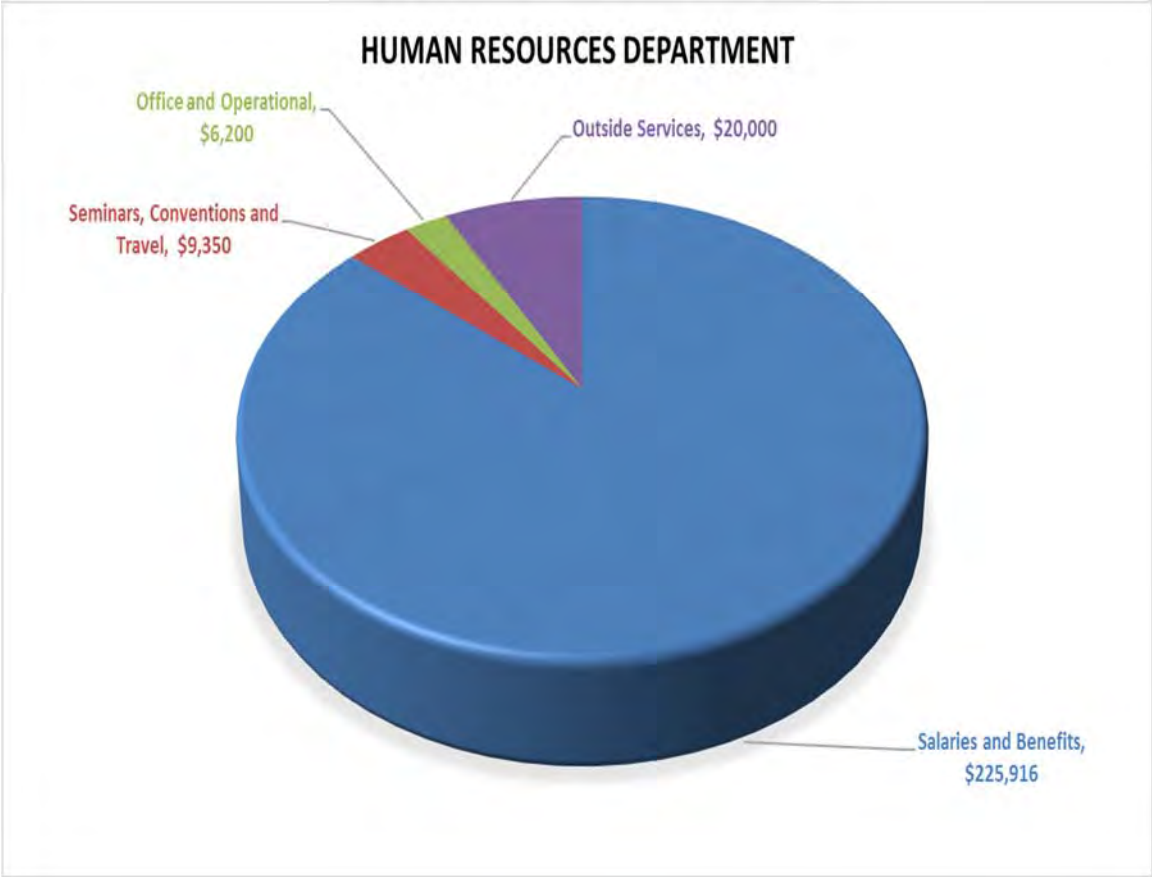
TECH SERVICES DEPARTMENT \$330,097 TOTAL EXPENDITURES BY CATEGORY



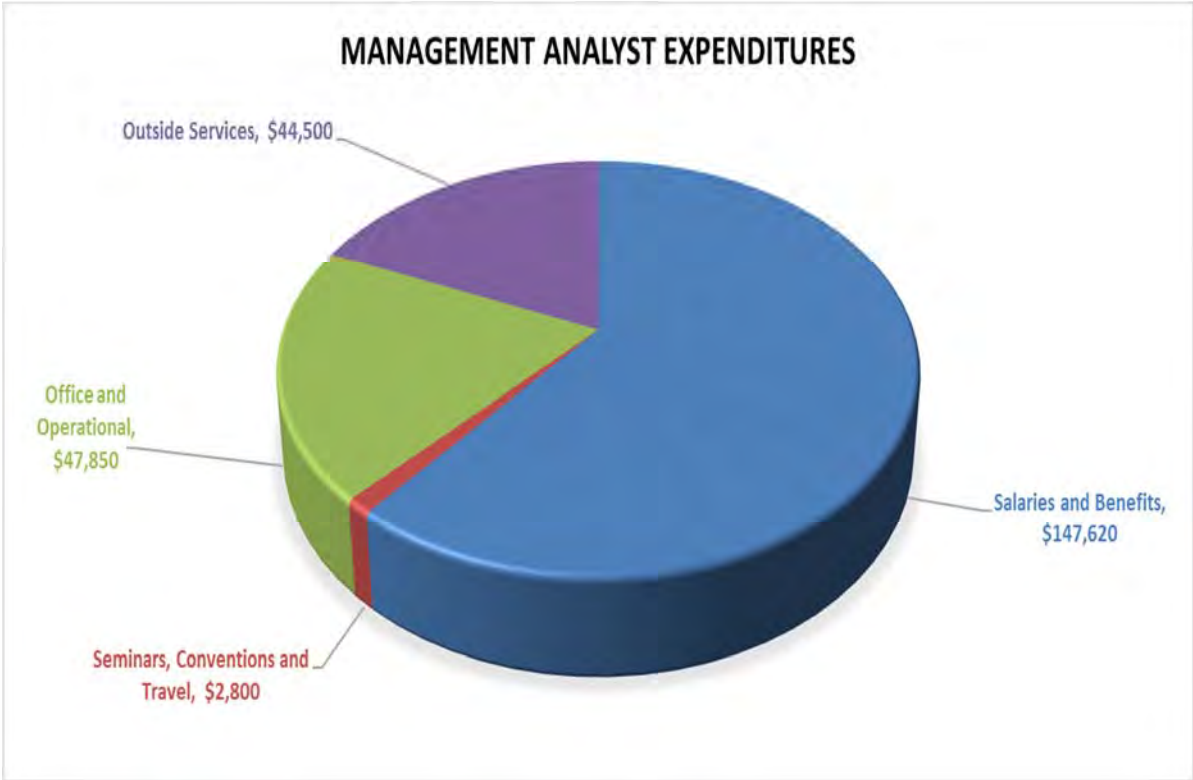
GENERAL MANAGER DEPARTMENT \$451,391
TOTAL EXPENDITURES BY CATEGORY



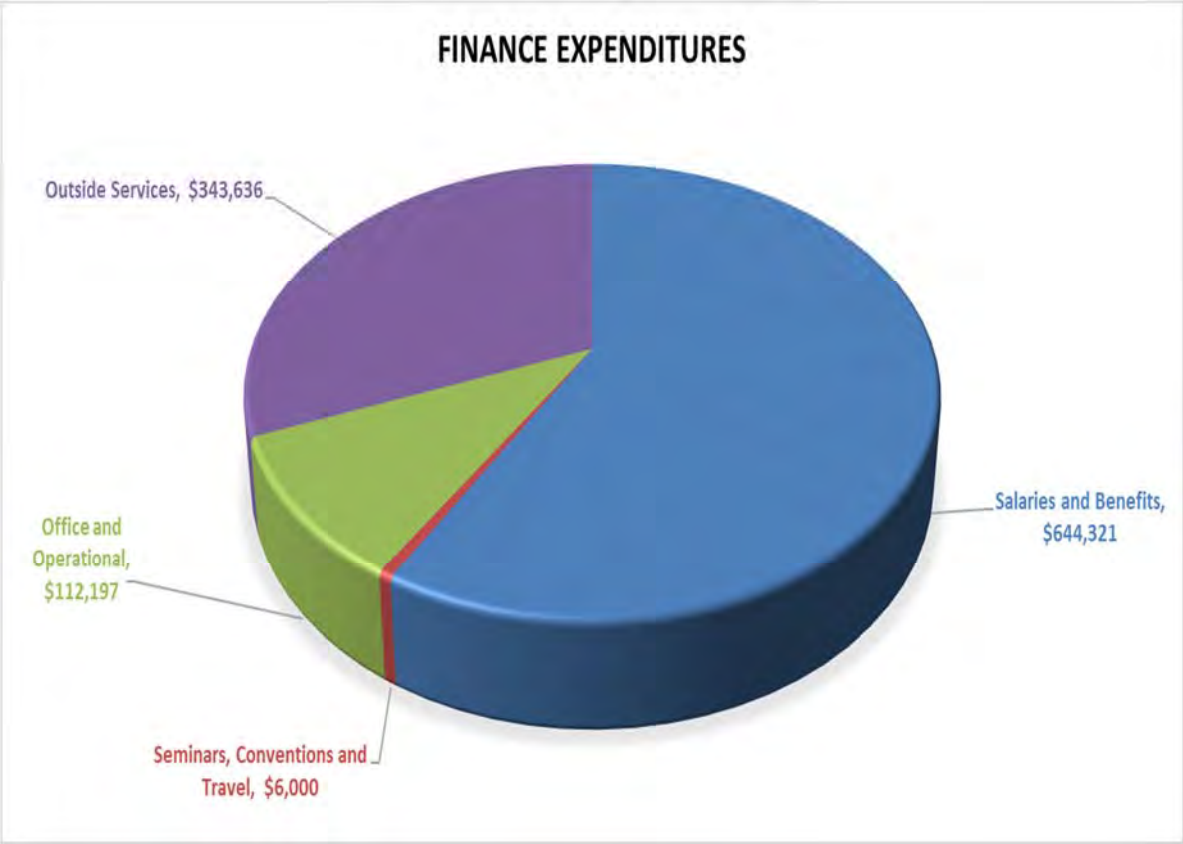
HUMAN RESOURCES DEPARTMENT \$261,466 TOTAL EXPENDITURES BY CATEGORY



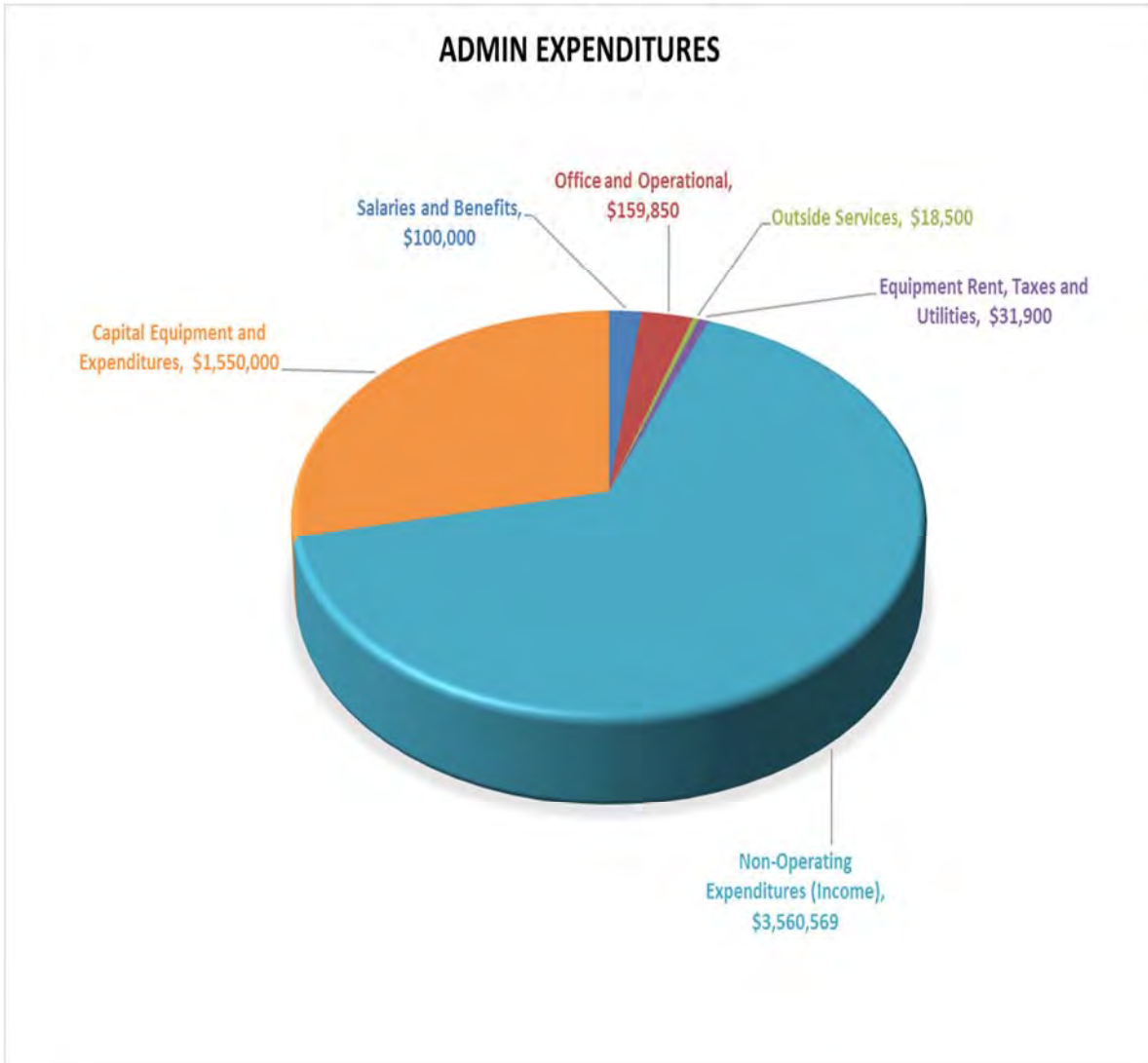
MANAGEMENT ANALYST DEPARTMENT \$242,770
TOTAL EXPENDITURES BY CATEGORY



FINANCE DEPARTMENT \$1,106,153 TOTAL EXPENDITURES BY CATEGORY



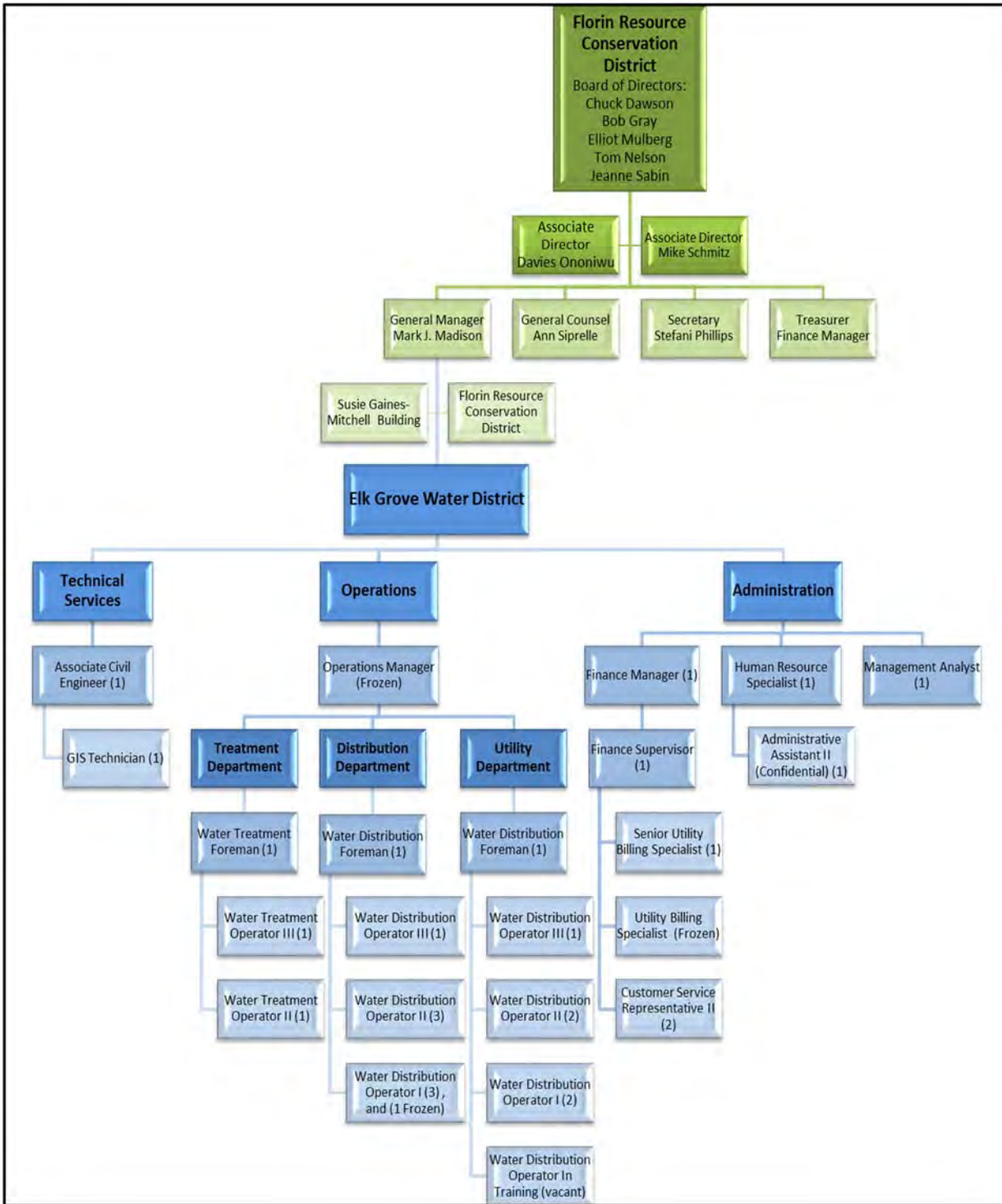
ADMIN DEPARTMENT \$5,495,490 TOTAL EXPENDITURES BY CATEGORY



Non-Operating Expenditures includes Debt Service as well as Operating Reserve Fund contribution of \$74,671.

Capital Equipment and Expenditures includes Capital Reserve Contributions.

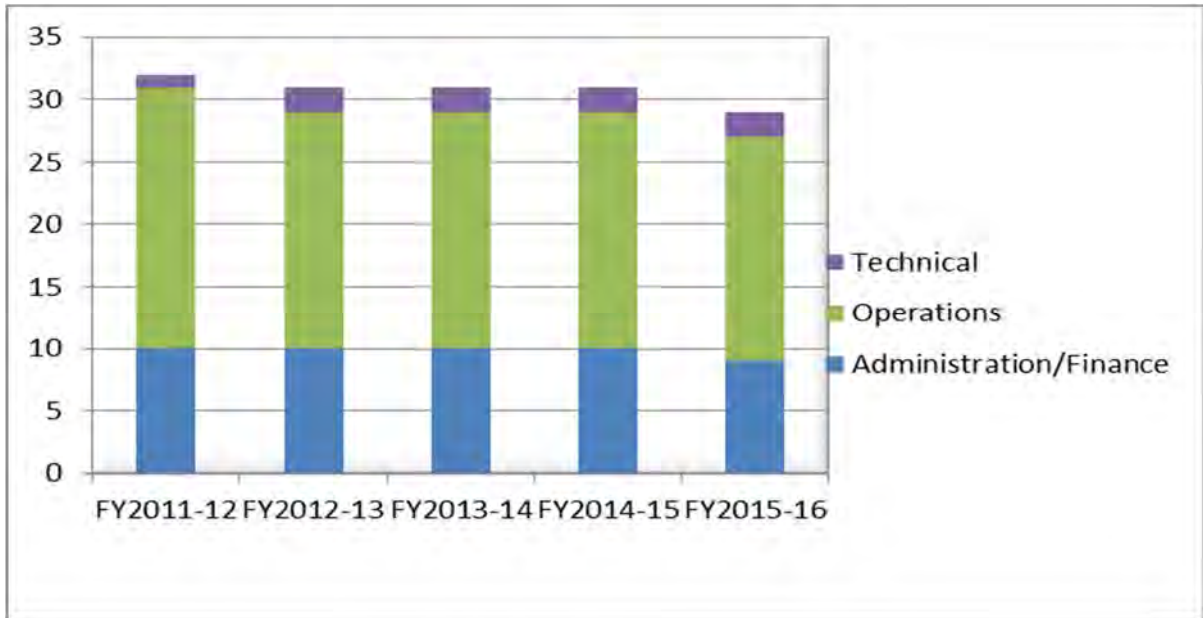
ELK GROVE WATER DISTRICT ORGANIZATION CHART



LEADERSHIP TEAM

Mark J. Madison, P.E.	General Manager
Jim Malberg	Finance Manager
Frozen Position	Operations Manager
Ellen Carlson	Management Analyst
Stefani Phillips	Human Resource Specialist
Bruce Kamilos	Associate Civil Engineer
Donella Ouellette	Finance Supervisor
Jose Carrillo	Water Distribution Foreman
Steve Shaw	Water Treatment Foreman
Richard Salas	Water Distribution Foreman

STAFF POSITIONS BY DIVISION



Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

ELK GROVE WATER DISTRICT STAFF

	FY2011-12	FY2012-13	FY2013-14	FY2014-15	FY2015-16
Administration & Finance					
General Manager	1	1	1	1	1
Finance Manager	1	1	1	1	1
Management Analyst	1	1	1	1	1
Human Resource Specialist	1	1	1	1	1
Administrative Assistant II (Confidential)	0	0	1	1	1
Finance Supervisor	1	1	1	1	1
Senior Utility Billing Specialist	1	1	1	1	1
Utility Billing Specialist (Frozen Position)	0	0	0	0	0
Customer Service Representative I	2	2	0	0	0
Customer Service Representative II	0	0	2	2	2
Meter Reader	1	1	1	0	0
Department Total	9	9	10	9	9
Technical Services					
Associate Civil Engineer	1	1	1	1	1
GIS Technician I	1	1	1	1	1
Department Total	2	2	2	2	2
Operations					
Managers (Frozen Position)	0	0	0	0	0
Foremen	3	3	3	3	3
Water Distribution Operator In Training	4	4	2	2	1
Water Distribution Operator I (1 Frozen Position)	3	3	4	5	5
Water Distribution Operator II	2	2	4	4	5
Water Distribution Operator III	0	0	2	2	2
Water Treatment Operator I	0	0	0	0	0
Water Treatment Operator II	1	1	1	1	1
Water Treatment Operator III	1	1	1	1	1
Water Utility Operator I	2	2	0	0	0
Water Utility Operator II	2	2	0	0	0
Departmental Total	18	18	17	18	18
Organizational Total	27	29	29	29	29

ADMINISTRATION

Administration is responsible for the business operations of EGWD. Administration includes the general management of EGWD, accounting and financial management, human resources, customer service, payroll services, purchasing/procurement management, risk management, legislative analysis, public outreach, information technology and communications.

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.

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

The Management Analyst manages special projects as assigned by the General Manager, including legislative analysis, grant writing, maintaining employee policy manuals, authoring a variety of communications and preparing annual reports. The Management Analyst also handles EGWD's conservation needs, providing customer assistance with water efficiency measures. The Management Analyst is also the EGWD Safety Officer.

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. The Finance Department is also responsible for information services, including development and support of computers and software, program development, office telecommunications, office security, and office systems.

FY 2015-16 OBJECTIVES

Office of the General Manager

- Provide leadership to ensure that EGWD's overall mission and values are accomplished.
- Provide the Board of Directors timely support and information.
- Ensure that all water facilities and programs are operated in compliance with all applicable standards.
- Promote continued innovation and creativity in providing services in a more effective and cost efficient manner.
- Maintain effective long-term financial and operational plans.
- Implement sound fiscal policies, budgets, and controls.
- Maintain effective coordination, cooperation, and communication with local governments, State and Federal agencies and continue involvement in civic, professional and community affairs.
- Motivate employees and encourage teamwork throughout the organization.
- Achieve clarity on the roles and structure of the Florin Resource Conservation District (FRCD) and the Elk Grove Water District (EGWD).
- Redevelop or modify the FRCD/EGWD 2012-2017 Strategic Plan.
- Advance opportunities of potential groundwater recharge opportunities for the FRCD and the EGWD.
- Complete the sale of the Susie Gaines-Mitchell property.
- Complete and satisfy all other prescribed Goals in the FRCD/EGWD Strategic Plan.
- Complete an information technology security review/audit.
- Redesign and launch a new FRCD/EGWD website improving numerous customer service features, and developing a long term approach for keeping it current.

Human Resources

- 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.
- Review personnel policies and practices and make recommendations for updates and additions.
- Promote good morale through employee recognition.
- Promote the general well-being of the workforce by providing available resources.



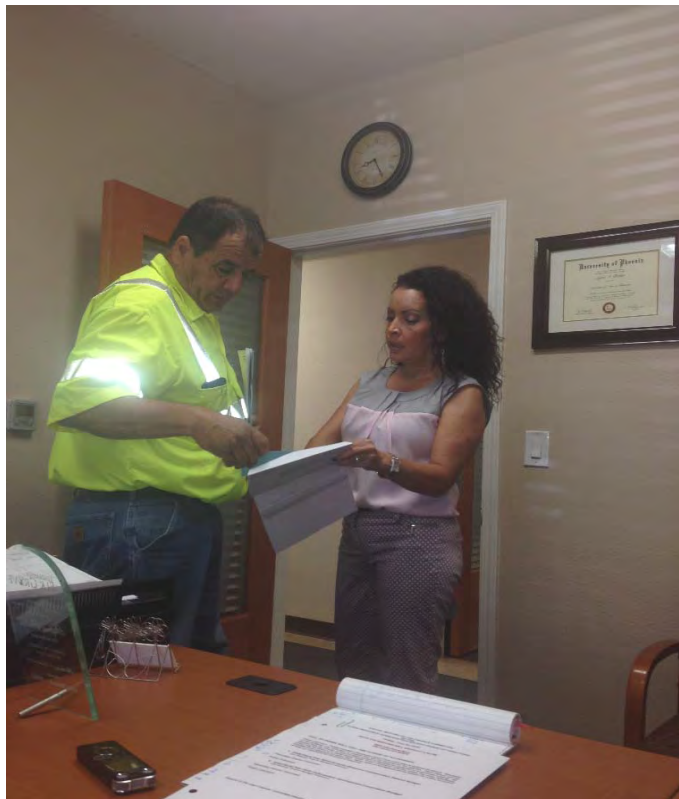
Management Analyst

- Monitor State and Federal legislation, advise the General Manager of bills important to EGWD/FRCD and author letters to legislators pertaining to those bills of interest.
- Represent EGWD in water efficiency issues through participation in the CUWCC activities and Regional Water Authority's RWEPAAC.
- Analyze cost commitments for Elk Grove Water District's compliance with Best Management Practices and determine penalties for non-compliance.

- Review available grant opportunities and pursue those that seem of likely benefit to EGWD.
- Coordinate emergency response planning and disaster recovery process.
- Coordinate safety training, equipment inspections and other duties as Safety Officer.
- Complete the emergency response and disaster recovery plans for the EGWD.

Finance

- 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.
- Provide excellent customer service to the Elk Grove Water District ratepayers; improve the billing system; and address billing conflicts in a timely manner.
- Process and monitor payroll and the accounts payable function to assure timeliness and correctness.
- Work with EGWD's technology consultants to design an enhanced billing system; and develop, implement, and maintain a long-range technology plan for the effective and efficient use of technology for information systems throughout the organization.
- Manage EGWD's debt service maintaining strict compliance with bond covenants.



Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

- Provide prompt and accurate management reports.
- Maintain the general ledger and the accounting system.
- Enhance EGWD's internal controls by development and implementation of internal auditing procedures.
- Revisit the EGWD water rate model with the goal of deferring or reducing future planned rate adjustments.
- Review EGWD investment strategies to potentially increase investment earnings while maintaining safety and liquidity.
- Review utility billing methods to consider automatic bill pay and semi-monthly billing.
- Complete a review and /or revisions to the EGWD procurement policies.

TECHNICAL SERVICES

The Technical Services division provides planning, engineering, construction management and technical support for EGWD operations. Technical Services employs an Associate Civil Engineer and a Geographic Information System (GIS) Technician. The division is headed by the Associate Civil Engineer who reports to the General Manager. The Technical Services division is housed at the Railroad Street Water Treatment and Storage Facility.

The Technical Services division works collaboratively with Operations and provides technical assistance to support the activities of Operations. The Technical Services division develops and maintains EGWD's GIS to track operational activities, maintenance and data associated with the EGWD's water system.

The Technical Services division is responsible for developing the capital improvement program. The capital improvement program (CIP) serves as a blueprint for the development, rehabilitation and replacement of EGWD's water system infrastructure, and other facilities owned and operated by EGWD. The Technical Services division is responsible for implementing design and construction projects contained in the CIP.

The Technical Services division manages EGWD's asset management program. The staff of the Technical Services division works with EGWD field crews to assess the current condition of assets. The asset management program is used to drive capital funding needs for the rehabilitation and replacement of EGWD's assets.

FY 2015-16 OBJECTIVES

Technical Services

- Complete all required CIP projects identified in the FY 2015-16 CIP budget.

Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

- Work with Operations to coordinate the replacement of key 4-inch water mains as part of completing the Service Line Replacement Program by the end of August 2017.
- Participate in the Sacramento Central Groundwater Authority to form a Groundwater Sustainability Agency to comply with the requirements of the Sustainable Groundwater Management Act of 2014.
- Manage the EGWD's ongoing Asset Management Program.



OPERATIONS

The Operations Department consists of the Treatment, Distribution, and Utility Divisions. The purpose of Operations is to operate and maintain all facilities in a manner that safeguards public and employee health, complies with all regulatory requirements, and ensures outstanding customer service. The oversight of this Department is currently overseen by the General Manager while the Operations Manager position remains frozen.

FY 2015-16 OBJECTIVES

Treatment Division

- Operates and maintains of EGWD's water supply and treatment facilities ensuring safe and reliable water supplies to customers.
- Maintains strict compliance with all requirements imposed by the local, State, and Federal regulatory agencies with the intent of safeguarding public health and the environment.
- Adjust system pressures throughout the year to assist in achieving the water use reduction requirements imposed by the State Water Resource Control Board.
- Initiate the review and installation of all required fire system backflow prevention devices associated with the Backflow/Cross-Connection Control Program Ordinance
- Complete the refurbishment of the Hampton Water Well and Treatment Plant and reintroduce this new supply source into the EGWD Water System

Distribution Division

- Repairs and maintains EGWD's water distribution system, responding to emergencies quickly and minimizing the loss of potable water.
- Maintains EGWD's fire hydrants, ensuring reliability of fire flows during emergencies.
- Maintains the valve exercising program, ensuring that every valve is checked and exercised every three years.
- Conducts meter reading, maintain a balanced program of reading each customer's meter between 28-32 days.
- Field customer service requests and conducting 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.

Utility Division

- Advance the Service Line Replacement program, combining certain installations with the Water Main Replacement project.
- Performs major water line replacement and construction improving the distribution systems.
- Provides general construction services with EGWD personnel, thereby minimizing the need for outsourced contractors.



ELK GROVE WATER DISTRICT

LONG-TERM INDEBTEDNESS

CERTIFICATES OF PARTICIPATION

BOND COVENANT RATIOS

Elk Grove Water District Fiscal Year 2015-2016 Operating Budget

June 24, 2015

Elk Grove Water Service			
Long-Term Indebtedness to Maturity			
Certificates of Participation			
Year	Principal	Interest	Total
2015-2016	1,430,000	2,225,240	3,655,240
2016-2017	1,555,000	2,149,334	3,704,334
2017-2018	1,645,000	2,084,554	3,729,554
2018-2019	1,705,000	2,015,131	3,720,131
2019-2020	1,790,000	1,936,281	3,726,281
2020-2021	1,910,000	1,843,781	3,753,781
2021-2022	2,040,000	1,745,031	3,785,031
2022-2023	2,145,000	1,640,406	3,785,406
2023-2024	2,245,000	1,544,406	3,789,406
2024-2025	2,330,000	1,456,281	3,786,281
2025-2026	2,490,000	1,372,925	3,862,925
2026-2027	2,620,000	1,285,544	3,905,544
2027-2028	2,815,000	1,087,775	3,902,775
2028-2029	2,930,000	972,506	3,902,506
2029-2030	3,145,000	830,594	3,975,594
2030-2031	3,315,000	824,786	4,139,786
2031-2032	3,355,000	670,631	4,025,631
2032-2033	3,525,000	501,088	4,026,088
2033-2034	935,000	371,088	1,306,088
2034-2035	485,000	337,013	822,013
2035-2036	505,000	313,738	818,738
2036-2037	535,000	289,394	824,394
2037-2038	555,000	263,744	818,744
2038-2039	585,000	237,025	822,025
2039-2040	615,000	208,881	823,881
2040-2041	640,000	179,431	819,431
2041-2042	675,000	148,556	823,556
2042-2043	705,000	116,138	821,138
2043-2044	740,000	82,294	822,294
2044-2045	775,000	46,669	821,669
2045-2046	352,000	9,500	361,500
	\$ 51,092,000	\$ 28,789,764	\$ 79,881,764

Elk Grove Water District Fiscal Year 2015-2016 Operating Budget
June 24, 2015

Elk Grove Water District				
Fiscal Year 2015-16				
Long-Term Indebtedness				
Schedule of Required Payments				
Series	Description	Principal	Interest	Total Payment
2002 A	Refunding COP, EGWD	\$ 725,000	\$ 39,100	\$ 764,100
2002 B	Capital Improvement COP, EGWD	300,000	97,150	397,150
2003 A	Capital Improvement COP, EGWD	310,000	188,619	498,619
2005 A	Capital Improvement COP, EGWD	95,000	522,553	617,553
2014 A	Water Revenue Refunding Bonds	-	1,377,819	1,377,819
TOTAL DEBT SERVICE PAYMENTS		\$ 1,430,000	\$ 2,225,240	\$3,655,240
Coverage Ratio				
<u>Required</u>		<u>Ratio</u>		
Covenant No. 2 - 1.15		1.40		
Net Income		\$ 5,110,569		
Total COP Debt Service		\$ 3,655,240		

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.

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.

CCR – Consumer Confidence Report.

CMTA – California Municipal Treasurer’s Association.

COPs – Certificates of Participation. Financing in which an individual buys a share of the periodic revenues of an agreement made by a municipal or governmental entity, rather than the bond being secured by those revenues.

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.

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.

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.

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.

T

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

U

V

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

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

Elk Grove Water District -- FY 2015-16 Budget

Draft No. 4 - 6-8-15

Key

Mark & Steve - 500	
Bruce - 560	
Mark - 610	
Stefani - 620	
Ellen - 640	
Donella - 700	
Admin	

Revenues

Account	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Budget	FY 14-15 Y-T-D - 3-31-15	FY 14-15 Projected	Ops 500	Tech Services 560	GM 610	HR 620	MA 640	Finance 650	Admin 700	FY 15-16 Budget	Difference	Dollars	Percentage
4100	Water Payment Revenues - Residential	\$11,760,577	\$11,166,355	\$11,940,565	\$ 8,526,870	\$ 11,534,563							11,461,456	\$11,461,456	(479,109)	-4.29%	
4110	Water Payment Revenues - Commercial	1,917,358	1,715,300	1,891,647	\$ 1,162,532	\$ 1,554,364							1,528,307	\$1,528,307	(363,340)	-21.18%	
4120	Water Payment Revenues - Fire Service	368,007	262,293	317,122	\$ 94,242	\$ 126,006							126,686	\$126,686	(190,436)	-72.60%	
4200	Meter Fees/Plan Check/Water Capacity	101,020	68,128	50,376	\$ 20,082	\$ 26,776							26,000	\$26,000	(24,376)	-35.78%	
4300	Backflow Install/Fin/EGWS		14,138	74,000	\$ 56,173	\$ 74,898							75,000	\$75,000	1,000	7.07%	
4520	Door Hanger Fees	116,675	121,300	131,737	\$ 97,200	\$ 129,600							130,000	\$130,000	(1,737)	-1.43%	
4540	New account Fees	27,750	28,530	32,187	\$ 17,880	\$ 23,840							25,000	\$25,000	(7,187)	-25.19%	
4550	NSF Fees	2,192	3,465	2,400	\$ 2,485	\$ 3,313							3,000	\$3,000	600	17.32%	
4570	Shut-off Fees		67,372		\$ 47,900	\$ 63,867							64,000	\$64,000	64,000		
4580	Restoration Fees	76,078	225	75,667	\$ 100	\$ 133								\$0	(75,667)		
4590	Credit Card Fees	7,286	7,470	8,082	\$ 4,865	\$ 6,487							6,500	\$6,500	(1,582)	-21.18%	
4600	Customer Refunds													\$0	-	-	
4700	Rental Income	1,684	1,823											\$0	-	0.00%	
4900	Customer Refunds	(65,835)	(21,205)	(60,000)	\$ (74,032)	\$ (98,709)							(60,000)	(\$60,000)	-	0.00%	
TOTAL GROSS REVENUES		14,312,791	13,435,194	14,463,783	10,056,297	13,445,138	\$0	\$0	\$0	\$0	\$0	\$0	\$13,385,949	\$13,385,949	(1,077,834)	-8.02%	

Expenditures

1. Direct Expenses

Account	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Budget	FY 14-15 Y-T-D - 3-31-15	FY 14-15 Projected	Ops 500	Tech Services 560	GM 610	HR 620	MA 640	Finance 650	Admin 700	FY 15-16 Budget	Difference	Dollars	Percentage
Salaries & Benefits																	
5100	Executive Salary	\$131,051	\$150,220	\$146,535	113,240	\$ 150,987			\$140,194					140,194	(6,341)	-4.33%	
5110	Exempt Salaries	409,641	490,178	491,114	338,290	\$ 451,053		90,951		78,136	86,330	216,304		471,721	(19,393)	-3.95%	
5120	Non-Exempt Salaries	1,068,747	984,040	1,362,435	932,609	\$ 1,243,479		1,055,586	51,804	45,357		150,072		1,302,819	(59,616)	-4.38%	
5130	Overtime Compensation	65,613	43,062	50,396	34,334	\$ 45,778		51,000	5,000			1,800		57,800	(2,596)	-4.30%	
5140	On Call Pay	18,620	18,320	18,250	13,300	\$ 17,733		18,250						18,250	0	0.00%	
5150	Holiday Pay	79,833	81,914	112,794	83,723	\$ 111,630		63,252	8,560	7,339	5,114	21,841		114,577	1,783	1.58%	
5160	Vacation Pay	90,775	118,645	106,790	69,238	\$ 92,317		63,495	7,540	8,470	6,818	22,762		118,617	11,827	11.07%	
5170	Personal Time Pay	79,814	74,870	91,654	56,142	\$ 74,856		80,602	6,848	5,776	4,091	17,473		91,662	8	0.01%	
5180	Internship Program			12,164		\$ -								0	(12,164)	-100.00%	
5200	Medical Benefits	414,536	372,689	589,705	394,196	\$ 525,594		374,017	34,254	20,157	44,007	124,581		622,871	33,166	5.62%	
5195	EAP	1,267	883	880	607	\$ 810		546	61	61	30	152		880	0	0.05%	
5210	Dental/Vision/Life Insurance	45,789	41,289	64,013	41,215	\$ 54,954		33,838	4,418	5,237	3,515	8,430		57,837	(6,176)	-9.65%	
5220	Retirement Benefits	293,259	260,687	372,214	210,802	\$ 281,069		164,261	22,230	21,997	19,059	56,720		297,548	(74,666)	-20.06%	
5225	Retirement Benefits - Post Employment	93,686	68,355	80,000	21,626	\$ 75,335							100,000	100,000	20,000	25.00%	
5230	Medical Tax, Social Security and SUI	40,093	44,880	45,981	37,786	\$ 50,382		33,036	4,099	3,219	3,758	10,369		56,763	10,782	23.45%	
5240	Worker's Compensation Insurance	52,924	55,314	81,660	84,959	\$ 84,959		80,943	1,183	10,839	1,080	753		98,014	16,354	20.03%	
5250	Education Assistance		1,290	35,200	754	\$ 1,006		8,000				10,000		18,000	(17,200)	-48.86%	
5260	Employee Training	13,992	21,896	47,100	12,308	\$ 16,411		17,753	3,500			500		28,203	(18,898)	-40.12%	
5270	Employee Recognition	409	910	600	2,427	\$ 3,236				2,000	420			2,920	2,320	386.67%	
5280	Meetings	376	203	2,120	84	\$ 112		380	300	400	100	180		1,500	(620)	-29.25%	
Category Subtotal		\$2,900,424	\$2,829,645	\$3,721,605	\$2,447,639	3,281,699	\$2,014,880	\$240,747	\$226,691	\$225,916	\$147,620	\$644,321	\$100,000	\$ 3,600,175	(121,430)	-3.26%	

Account	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Budget	FY 14-15 Y-T-D - 3-31-15	FY 14-15 Projected	Ops 500	Tech Services 560	GM 610	HR 620	MA 640	Finance 650	Admin 700	FY 15-16 Budget	Difference	
Seminars, Conventions and Travel																
5300-20	Airfare	\$ 1,317	\$ 318	\$ 3,150	2,599	3,465	300	750	\$1,200	\$1,000	700	\$800		4,750	1,600	50.79%
5310-20	Hotels	3,397	5,000	9,200	4,905	6,540	750	900	2,400	4,000	600	2,400		11,050	1,850	20.11%
5320-20	Meals	2,046	2,371	4,347	3,464	4,619	800	400	1,970	1,000	440	600		5,210	863	19.85%
5330-20	Auto Rental	372	131	1,450	336	448	300	400	500	500		300		2,000	550	37.93%
5340-20	Seminars & Conferences	5,503	3,160	9,300	5,955	7,940	700	1,800	2,100	2,550	1,000	1,300		9,450	150	-1.61%
5345-20	Seminars & Conferences - Board	95	1,435	3,350	-	-			5,200					5,200	1,850	55.22%
5350-20	Mileage Reimbursement, Parking, Tolls	586	1,395	1,630	1,109	1,478	200	200	330	300	60	600		1,690	60	3.68%
5375-20	Auto/Telephone Allowance	5,166	4,840	5,580	3,600	4,800			4,800					4,800	(780)	-13.98%
	Category Subtotal	\$18,483	\$18,650	\$38,007	\$21,967	29,290	\$3,050	\$4,450	\$18,500	\$9,350	\$2,800	\$6,000	\$0	\$ 44,150	6,143	16.16%
Office & Operational																
5410	Advertising	\$ 3,203	\$ 3,754	\$ 5,300	6,735	8,979				\$3,000	\$3,200			6,200	900	16.98%
5415	Association Dues	53,716	53,823	65,392	61,453	81,937	550	300		400		570	70,350	72,170	6,778	10.37%
5420	Insurance	83,098	68,865	75,000	76,462	76,462							75,000	75,000	0	0.00%
5425	Licenses, Certifications, Fees	18,446	5,809	10,300	5,692	7,589	8,800	350			50	500		9,700	(600)	-5.83%
5430	Repairs & Maintenance - Automotive	19,459	16,585	27,533	27,303	36,404	39,000	500				800		40,300	12,767	46.37%
5432	Repairs & Maintenance - Building	10,643	14,197	17,081	8,122	10,830	9,000						4,500	13,500	(3,581)	-20.96%
5434	Repairs & Maintenance - Computers	50,282	1,839	9,100	20,328	27,104	12,400					12,400		24,800	15,700	172.53%
5435	Repairs & Maintenance - Equipment	37,055	52,278	93,728	73,564	98,085	108,000							108,000	14,272	15.23%
5438	Fuel	41,505	41,338	64,813	34,449	45,933	62,000	1,000				600		63,600	(1,213)	-1.87%
5440	Materials	149,957	143,564	296,692	141,291	188,388	206,000							206,000	(90,692)	-30.57%
5445	Chemicals	24,955	48,945	27,000	8,173	10,897	12,000							12,000	(15,000)	-55.56%
5450	Meter Repairs	553	91	600			9,000							9,000	8,400	1400.00%
5453	Permits	7,380	31,193	36,600	25,711	34,282	39,620							39,620	3,020	8.25%
5455	Postage	58,421	65,773	59,300	39,807	53,076				300	4,000	55,000		59,300	0	0.00%
5460	Printing	5,849	8,086	12,400	3,137	4,182		500		1,000	8,900	5,000		15,400	3,000	24.19%
5465	Safety Equipment	1,773	12,993	14,550	3,302	4,403	10,200	250			1,500			11,950	(2,600)	-17.87%
5470	Software Programs & Updates	58,040	114,981	97,244	111,972	149,296	78,617					90,127		108,744	11,500	11.83%
5475	Supplies	62,426	22,421	33,000	21,351	28,469	18,595			1,500	200		10,000	30,295	(2,705)	-8.20%
5480	Telephone	32,972	38,333	37,055	26,535	35,380	22,305					7,200		29,505	(7,550)	-20.38%
5485	Tools	7,282	24,069	19,521	18,390	24,520	4,329	1,000						5,329	(14,192)	-72.70%
5490	Clothing Allowance	8,305	9,901	9,500	3,771	5,028	9,500	1,000						10,500	1,000	10.53%
5491	EGWD Other Clothing	\$0	7,644	6,959	4,903	6,537	12,289							12,289	5,330	76.59%
5493	Water Conservation Materials										30,000			30,000	30,000	
	Category Subtotal	\$735,323	\$786,482	\$1,018,668	\$722,453	\$937,783	\$662,205	\$4,900	\$0	\$6,200	\$47,850	\$112,197	\$159,850	993,202	(25,466)	-2.50%
5495	Purchased Water	2,517,816	2,656,509	3,092,500	1,961,829	2,615,772	2,891,709							2,891,709	(200,791)	-6.49%
Outside Services																
5505	Administration Services	\$1,155	\$ 1,012	\$ 1,500	811	1,081				\$1,800	\$4,500	\$0		6,000	4,500	300.00%
5510	Bank Charges	41,787	47,799	48,000	41,199	54,932						62,400		62,400	14,400	30.00%
5515	Billing Services	26,484	28,308	27,400	17,528	23,370						26,400		26,400	(1,000)	-3.65%
5520	Contracted Services	127,963	136,029	228,830	181,266	241,689	30,500			3,500	5,000	209,836		248,836	20,006	8.74%
5523	Water Conservation Services										20,000			20,000	20,000	
5525	Accounting Services	63,788	43,344	60,000	26,615	35,487						35,000		35,000	(25,000)	-41.67%
5530	Engineering	1,400	14,798	130,000	75,085	100,114		80,000						80,000	(50,000)	-38.46%
5535	Legal Services	169,632	98,307	185,000	97,475	129,966			205,000					205,000	20,000	10.81%
5540	Financial Consultants	86,998	29,653	20,000	68,601	91,468						10,000		10,000	(10,000)	-50.00%
5545	Community Relations	10,118	14,065	13,700	18,160	24,213			1,200		15,000			16,200	2,500	18.25%
5552	Misc. Medical	2,354	2,086	1,000	1,257	1,676				2,000				2,000	1,000	100.00%
5550	Pre-employment	1,817	630	25,000	13,784	18,379				10,000				10,000	(15,000)	-60.00%
5555	Janitorial	3,885	5,935	6,440	4,754	6,338	3,000						3,500	6,500	60	0.93%
5560	Bond Administration	7,366	7,353	8,500	6,917	9,223							8,500	8,500	0	0.00%
5570	Security	31,682	26,412	22,188	15,009	20,012	20,000						6,500	26,500	4,312	19.43%
5575	Sampling	16,256	23,858	40,000	31,148	41,531	45,847							45,847	5,647	14.12%
5580	Board Secretary/Treasurer	3,150	3,025	3,000	2,250	3,000				3,000				3,000	0	0.00%
	Category Subtotal	\$595,834	\$482,614	\$820,558	\$601,859	\$802,479	\$99,147	\$80,000	\$206,200	\$20,000	\$44,500	\$343,636	\$18,500	811,983	(8,576)	-1.05%
Equipment Rent, Taxes and Utilities																
5610	Occupancy	-\$9,367														
5620	Equipment Rental	37,852	\$38,047	\$25,871	12,623	16,831	\$17,500						\$12,000	29,500	3,629	14.03%
5710	Property Taxes	3,464	3,992	4,100	4,701	6,268							4,700	4,700	600	14.63%
5720	Water	1,087												0	0	
5740	Electricity	359,504	333,039	379,694	227,304	303,071	369,000						10,000	379,000	(694)	-0.18%
5750	Natural Gas	286	437	600	356	475							500	500	(100)	-16.67%
5760	Sewer & Garbage	24,138	19,273	29,581	16,128	21,504	25,000						4,700	29,700	119	0.40%
	Category Subtotal	\$416,662	\$394,788	\$439,846	\$261,112	\$348,150	\$411,500	\$0	\$0	\$0	\$0	\$0	\$31,900	443,400	3,554	0.81%
Gross O&M Expenses		\$7,184,542	\$7,168,688	\$9,131,184	\$6,016,859	\$8,015,172	\$3,190,782	\$330,097	\$451,391	\$261,466	\$242,770	\$1,106,153	\$310,250	8,784,618	(346,566)	-3.80%
Less: Capitalized Expenditures			(538,181)	(594,820)	(594,820)	(594,820)		0	0	0	0	0	0	(509,238)	85,582	-14.39%
Net O&M Expenses		\$7,184,542	\$6,630,507	\$8,536,364	\$5,422,039	\$7,420,352	\$3,190,782	\$330,097	\$451,391	\$261,466	\$242,770	\$1,106,153	\$310,250	\$8,275,380	(260,984)	-3.06%
Net Revenues		\$ 7,128,249	\$ 6,804,687	\$ 5,927,419	\$ 4,634,258	\$ 6,024,786								\$5,110,569	(816,850)	-13.78%

Account	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Budget	FY 14-15 Y-T-D - 3-31-15	FY 14-15 Projected	Ops 500	Tech Services 560	GM 610	HR 620	MA 640	Finance 650	Admin 700	FY 15-16 Budget	Difference	
2. Capital Improvement Funding																
1730	Meters						\$0							0	0	
1745	Transportation Equipment													0	0	
1760/1765	Capital Equipment & Expenditures		96,290	114,245										0	(114,245)	-100.00%
1705	Non-Project Capital Expenses		35,000											0	0	
3560	Repair & Replacement Reserve												851,472	851,472	851,472	
3565	Long-Term Capital Improvement Reserve												698,528	698,528	698,528	
TOTAL CAPITALIZED EXPENSES		\$0	\$131,290	\$114,245	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,550,000	1,550,000	1,435,755	1256.73%
3. Nonoperating Revenue / (Expenses)																
8440	Depreciation	\$1,687,331	\$2,054,712	\$1,850,000	1,387,500	1,850,000							\$0	-	(1,850,000)	-100.00%
6450	Amortization	(5,579)													0	
7300	Debt Service (Bond Interest Expense)	2,624,774	2,580,129	2,546,826	1,910,120	2,546,826							2,225,240	2,225,240	(321,586)	-12.63%
7310	Discount Amortization Expense	28,344	28,229	28,344											(28,344)	-100.00%
7320	Offering Expense - Deferred Charges		103,476												0	
7330	Amortization	26,990													0	
7400	Interest Paid	59,381	55,649												0	
2470	9257 Elk Grove Blvd. Note	55,606	59,337												0	
2500	Bond Retirement	1,080,000	1,175,000	1,290,000	967,500	1,290,000							1,430,000	1,430,000	140,000	10.85%
9910	Interest Earned	(20,886)	(18,188)	(10,000)	(7,963)	(10,617)							(20,000)	(20,000)	(10,000)	100.00%
9920	Other Income	(52,452)	(22,304)		(240,532)	(240,532)									0	
3500	Contribution from Operating Reserves												(74,671)	(74,671)	0	
9920-73	Other Expenses (Toilet Program Costs, Other Income)	1,659													0	
9950	Election Costs	1,660		102,559	103,700	138,267									(102,559)	-100.00%
9970	Rebate Program														0	
TOTAL OTHER EXPENSES		\$5,486,827	\$6,016,040	\$5,807,729	\$4,120,325	\$5,573,943	\$0	\$0	\$0	\$0	\$0	\$0	\$3,560,569	\$3,560,569	(2,247,160)	-38.69%
TOTAL EXPENDITURES		\$12,671,369	\$12,777,837	\$14,458,338	\$9,542,364	\$12,994,296	\$3,190,782	\$330,097	\$451,391	\$261,466	\$242,770	\$1,106,153	\$5,420,819	\$13,385,949	(1,072,389)	-7.42%
DISTRICT REVENUES IN EXCESS OF EXPENDITURES		\$1,641,422	\$657,357	\$5,445	\$513,933	\$450,842								(\$0)	(\$5,445)	
CHECK		\$1,641,422	\$657,357	\$5,445	\$513,933	\$450,842								(\$0)	(\$5,445)	

June 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District
FROM: Jim Malberg, Finance Manager / Treasurer
SUBJECT: **INVESTMENT POLICY GUIDELINES FISCAL YEAR 2015-16**

RECOMMENDATION

Approve Resolution 06.24.15.05, of the Board of Directors of the Florin Resource Conservation District adopting the Fiscal Year 2015-16 Investment Policy Guidelines of the Florin Resource Conservation District.

Summary

By this action, the Board will approve the Fiscal Year 2015-16 Investment Policy Guidelines.

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 2015-16 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. Presentation of the policy at this time is simply to align the annual adoption of the policy with the District's fiscal year.

June 24, 2015

INVESTMENT POLICY GUIDELINES FISCAL YEAR 2015-16

Page 2

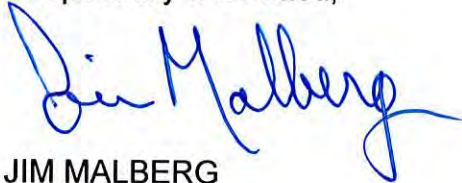
Strategic Plan Conformity

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,



JIM MALBERG
FINANCE MANAGER / TREASURER

JM

Attachments

RESOLUTION NO. 06.24.15.05

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE FLORIN RESOURCE
CONSERVATION DISTRICT ADOPTING FISCAL YEAR 2015-16 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 2014-15)** ("Investment Policy Guidelines") in January 2015, 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) 2015-16.

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

Section 1. Investments shall be made in accordance with the **Investment Policy Guidelines of the Florin Resource Conservation District (FY 2015-16)** 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.

APPROVED, AND ADOPTED this 24th day of June, 2015.

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

Chuck Dawson
Chairman of the Board of Directors

ATTEST:

Stefani Phillips
Secretary to the Board of Directors



**Investment Policy Guidelines
of the
Florin Resource Conservation District**

FY 2015-16

Table of Contents

A.	Investment Authority.....	1
B.	Delegation of Authority.....	1
C.	Policy.....	1
D.	Scope.....	1
E.	Prudence.....	1
F.	Objective.....	1
G.	Ethics and Conflicts of Interest.....	2
H.	Authorized Financial Dealers and Institutions.....	2
I.	Authorized and Suitable Investments.....	2
J.	Prohibited Investments.....	5
K.	Investment Pools.....	5
L.	Safekeeping and Custody.....	5
M.	Delivery.....	6
N.	Maximum Maturity.....	6
O.	Internal Control.....	6
P.	Other Guidelines.....	7
Q.	Reporting.....	7
R.	Investment Policy Adoption.....	8
	Glossary.....	9
	Sources.....	14

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

- 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 be invested 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 insure 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 of 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	Holdings 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.

Investment Policy Guidelines - FY 2015-16
Florin Resource Conservation District

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.

Investment Policy Guidelines - FY 2015-16
Florin Resource Conservation District

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.

Investment Policy Guidelines - FY 2015-16
Florin Resource Conservation District

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.

Investment Policy Guidelines - FY 2015-16
Florin Resource Conservation District

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.

Investment Policy Guidelines - FY 2015-16
Florin Resource Conservation District

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 24, 2015

TO: Chairman and Directors of the Florin Resource Conservation District
FROM: Ellen Carlson, Management Analyst
SUBJECT: **LEGISLATIVE UPDATE**

RECOMMENDATION

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

Summary

California state legislators passed a \$117.5 billion dollar budget plan on June 15th, but budget work continues, especially on a trailer bill that gives the State Water Resources Control Board authority to force consolidation of public water agencies. A letter of opposition has been sent to regional legislators by General Manager Mark Madison.

DISCUSSION

Background

The Board requests monthly updates of legislation items related to the District. Attached is a table of bills being tracked by Staff.

Present Situation

Budget Trailer Bill 825 provides the State Water Resources Control Board with the authority to consolidate public water systems if they fail to “reliably provide an adequate supply of safe potable water...” Both the California Special Districts Association and the Association of California Water Agencies oppose this measure and have urged their membership to send letters of opposition. On Friday, June 12th, General Manager Mark Madison mailed opposition letters to Assemblymember Jim Cooper, Senator Richard Pan and Assemblymember Ken Cooley.

LEGISLATIVE UPDATE

Page 2

Reasons for opposition include a belief that an action of this significance should be heard through standard process, including review by policy and fiscal committees, that the proposal is moving too rapidly to permit stakeholder feedback and that the bill overreaches the basic intent of drought assistance to disadvantaged communities. Furthermore, opponents argue, the bill has no relationship to the budget and offers no funding to cover costs of forced consolidations.

Although Budget Trailer Bill 825 is receiving the bulk of the attention, there are several other trailer bills relating to the water industry. They include:

- Language that amends existing Government Code to reflect the authority change from the Department of Public Health to the State Water Resources Control Board.
- Public access to well records
- Expanded authority to courts and public agencies to issue fines of up to \$10,000 for water waste violations
- A Water Rights Fund for receipt of financial penalties assessed by the State Water Resources Control Board for water rights violations
- Requirements that anyone who diverts more than 10 acre feet per year maintain a record of all diversion monitoring and total amounts and submit them to the State Water Resources Control Board
- Submetering of multifamily residential units
- CEQA exemption for certain state of emergency drought-related actions
- CEQA exemption for the development and approval of building standards by state agencies for recycled water standards.

STRATEGIC PLAN CONFORMITY

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

LEGISLATIVE UPDATE

Page 3

FINANCIAL SUMMARY

There is no direct financial impact associated with the legislative items at this time.

Respectfully submitted,



ELLEN R. CARLSON
MANAGEMENT ANALYST

Attachments

Current Legislation

Federal

Bill	HR 98
Author (s)	Conyers
Title	Preventing Termination of Utility Services in Bankruptcy Act of 2015
Introduced	1/6/2015
Summary	Dispenses with deposit requirements for utility services under certain conditions
Status	2/2/2015 referred to House committee on Regulatory Reform, Commercial and Antitrust Law
Support	
Opponents	

Bill	HR 212
Author (s)	Latta
Title	Drinking water protection act
Introduced	1/8/2015
Summary	Evaluates the risks of Cyanotoxin (from algae blooms) to public water systems
Status	2/25/2015 Received in Senate
Support	
Opponents	

Bill	HR 243
Author (s)	Kaptur
Title	Safe and Secure Drinking Water Act of 2015
Introduced	1/9/2015
Summary	Establishes regulations for microcystins in drinking water
Status	1/16/2015 referred to the subcommittee on Environment and the Economy
Support	
Opponents	

Bill	HR 291
Author (s)	Napolitano
Title	W21, Water in the 21 st Century
Introduced	1/14/2015
Summary	Expands grants and water efficiency programs, supports local investments in water recycling and improved groundwater management and storage; invests in water saving research and desalination and establishes an open water data system, establishes a WaterSense program
Status	3/2/2015 referred to subcommittee on Water, Power and Oceans
Support	Metropolitan Water of Southern California, Western Recycled Water Coalition, Clean Water Construction Coalition, Northern California Water Association, North Bay Water Use Authority, WateReuse Association, Plumbing Manufacturers International, Water Now
Opponents	

June 24, 2015/1

Bill	HR 499
Author (s)	Duncan
Title	Sustainable Water Infrastructure Investment Act of 2015
Introduced	1/22/2015
Summary	Volume cap of private activity bonds will not apply for bonds financing water and sewage facilities
Status	1/22/2015 referred to House Ways and Means committee
Support	
Opponents	

Bill	HR 1482
Author (s)	DeGetter
Title	Fracturing Responsibility and Awareness of Chemical Act of 2015
Introduced	3/19/2015
Summary	Repeals the exemption of hydraulic fracturing in the Safe Drinking Water Act
Status	3/20/2015 referred to House sub-committee on Environment and the Economy
Support	
Opponents	

Bill	HR 1668
Author (s)	McClintock
Title	Save Our Water Act
Introduced	3/26/2015
Summary	Amends the Endangered Species Act of 1973 to provide for the suspension of application of the Act to water releases by Federal and State agencies in drought affected river basins and other purposes
Status	3/26/2015 referred to House committee on Natural Resources
Support	
Opponents	

Bill	HR 1709
Author (s)	McNerney
Title	Safe Drinking Water Act amendment for drought assessment and management
Introduced	3/26/2015
Summary	Would direct the EPA to monitor water quality in regions affected by drought and to make recommendations on how to mitigate those effects.
Status	3/27/2015 referred to sub-committee on Environment and the Economy
Support	
Opponents	

Bill	HR 1710
Author (s)	McNerney
Title	Drought Resilience Investment Act of 2015
Introduced	3/26/2015
Summary	Would suspend a ban on tax-exempt bonds in projects under the Water Infrastructure Finance and Innovation Act when the governor declares a drought state of emergency
Status	3/27/2015 referred to sub-committee on Environment and the Economy
Support	
Opponents	

Bill	S 176
Author (s)	Boxer
Title	W21, Water in the 21 st Century
Introduced	1/13/2015
Summary	Advances integrated water management and development through innovation, resiliency, conservation and efficiency in the 21 st Century
Status	1/13/2015 referred to the committee on Environment and Public Works
Support	
Opponents	

Bill	S 268
Author (s)	Sanders
Title	Rebuild America Act of 2015
Introduced	1/27/2015
Summary	Allocates funds for revolving water project loans
Status	1/27/2015 read twice and referred to committee on Banking, Housing and Urban Affairs
Support	
Opponents	

Bill	S 741
Author (s)	Cardin
Title	Infrastructure Resiliency and Sustainability Act of 2015
Introduced	3/16/2015
Summary	Authorizes EPA to establish a program for awarding grants to owners/operators of water systems to increase the resiliency or adaptability of the systems to any ongoing or forecasted changes to the hydrologic conditions of a region of the United States
Status	3/16/2015 referred to committee on Environment and Public Works
Support	
Opponents	

Bill	S 886
Author (s)	Udall
Title	Smart Energy and Water Efficiency Act of 2015
Introduced	3/26/2015
Summary	Amends the Energy Policy Act of 2005 to provide for a smart energy and water efficiency pilot program
Status	4/30/2015 in committee on Energy and Natural Resources
Support	
Opponents	

California Assembly

Bill	AB 1
Author (s)	Brown
Title	Drought: local government
Introduced	12/1/2014
Summary	Prohibits cities or counties from imposing fines for not watering or having brown lawns during a Governor declared drought
Status	6/10/2015 passed Senate committee on Government and Finance
Support	
Opponents	

Bill	AB 21
Author (s)	Perea
Title	California Global Warming Solutions Act of 2006
Introduced	12/1/2014
Summary	Requires the state board by January 2018 to recommend a target for statewide emissions reduction for 2030
Status	5/28/2015 in Senate Environmental Quality committee, hearing scheduled for 6/17
Support	
Opponents	

Bill	AB 23
Author (s)	Patterson
Title	California Global Warming Solutions Act of 2006
Introduced	12/1/2014
Summary	Exempts certain persons or entities from compliance obligations through 2020
Status	3/23/2015 failed passage, reconsideration granted
Support	Greater Fresno Chamber of Commerce, Association of California Car Clubs
Opponents	

Bill	AB 33
Author (s)	Quirk
Title	California Global Warming Solutions Act of 2006
Introduced	12/1/2014
Summary	Changed to bill creating a Climate Change Advisory Council
Status	6/3/2015 In Senate Rules committee for assignment
Support	
Opponents	

Bill	AB 78
Author (s)	Mathis
Title	Groundwater basin
Introduced	1/5/2015
Summary	Non substantive changes to the new groundwater basin law
Status	1/5/2015 Read first time, to print
Support	
Opponents	

Bill	AB 88
Author (s)	Gomez
Title	Sales and use tax exemptions
Introduced	1/7/2015
Summary	Exempts taxes for purchases of energy efficient or water efficient appliances by utilities for the installation in low income participants in an efficiency program
Status	6/11/2015 referred to committee on Government and Finance
Support	
Opponents	

Bill	AB 149
Author (s)	Chavez
Title	Urban Water Management Plans
Introduced	1/15/2015
Summary	Changes the deadline for the next UWMP from 2015 to 2017 and the 2020 report to 2022.
Status	6/11/2015 to Senate Consent calendar
Support	ACWA, Metropolitan Water District of Southern California (MET)
Opponents	

Bill	AB 153
Author (s)	Gomez
Title	Integrated regional water management plans
Introduced	1/15/2015
Summary	Technical, nonsubstantive change
Status	1/15/2015 from the printer
Support	
Opponents	

Bill	AB 259
Author (s)	Dababneh
Title	Personal information privacy
Introduced	2/9/2015
Summary	Requires that agencies held responsible for the compromise of a person's social security number or driver's license provide identity theft protection and related services
Status	6/1/2015 to Senate Rules committee for assignment
Support	
Opponents	CSDA

Bill	AB 307
Author (s)	Mathis
Title	Groundwater recharge
Introduced	2/12/2015
Summary	Permits usage of residential, commercial and industrial graywater for the recharge of a groundwater basin or aquifer
Status	2/13/2015 from the printer
Support	
Opponents	

Bill	AB 356
Author (s)	Williams
Title	Oil and gas: groundwater monitoring
Introduced	2/17/2015
Summary	Requires well operators to implement monitoring programs for underground storage tanks and injection and disposal wells
Status	6/11/2015 reconsideration granted, moved to inactive file at author's request
Support	ACWA, Sierra Club, East Bay MUD,
Opponents	

Bill	AB 367
Author (s)	Dodd
Title	Clear Lake
Introduced	2/17/2015
Summary	Appropriates \$2,400,000 from an unspecified source for the purpose of restoring Clear Lake wetlands
Status	5/29/2015 failed deadline pursuant to Rule 61 (a)(5)
Support	
Opponents	

Bill	AB 453
Author (s)	Bigelow
Title	Groundwater Management
Introduced	2/23/2015
Summary	Would authorize, until a groundwater sustainability plan is adopted, a local agency to amend an existing groundwater management plan. Also allows local agencies to impose fees and collect groundwater extraction information for developing a revised groundwater management plan.
Status	6/11/2015 amended and sent to Senate committee on Natural Resources and Water
Support	ACWA
Opponents	

Bill	AB 454
Author (s)	Bigelow
Title	Sustainable Groundwater Management
Introduced	2/23/2015
Summary	Would require a high or medium priority basin to be managed by a groundwater sustainability plan or coordinated groundwater sustainability plan by 1/31/2023.
Status	4/14/2015 referred to Appropriations committee
Support	
Opponents	

Bill	AB 455
Author (s)	Bigelow
Title	Sustainable Groundwater Management: EIRs
Introduced	2/23/2015
Summary	Would require the Judicial Council to adopt procedures addressing the nullification of project EIRs by July 1, 2016.
Status	4/13/2015 referred to committees on Water, Parks and Wildlife and Natural Resources, first hearing cancelled at author's request
Support	
Opponents	

Bill	AB 585
Author (s)	Melendez
Title	Outdoor Water Efficiency Act of 2015: income tax credits
Introduced	2/24/2015
Summary	Would allow a 25% personal tax credit for water efficient landscape upgrades for qualified landowners up to \$2,500
Status	5/18/2015 in committee on Revenue and Taxation suspense file
Support	ACWA, CSDA, Metropolitan Water District of Southern California
Opponents	

Bill	AB 603
Author (s)	Salas
Title	Turf removal tax credit
Introduced	2/24/2015
Summary	Would allow taxpayer a \$2 per square foot tax credit for lawn removal
Status	5/28/2015 Joint Rule 62(a), file notice suspended. Held under submission
Support	ACWA, Metropolitan Water District of Southern California
Opponents	

Bill	AB 606
Author (s)	Levine
Title	Water conservation: public properties
Introduced	2/24/2015
Summary	Would require the Department of General Services to examine public properties acquired after January 1, 2015 and identify and implement where irrigation efficiencies can be improved and requires drought tolerant landscaping in new landscaping projects
Status	6/4/2015 referred to Senate Governmental Organization
Support	ACWA
Opponents	

Bill	AB 639
Author (s)	Dahle
Title	Organization and membership of regional water quality boards
Introduced	2/24/2015
Summary	Technical, nonsubstantive changes
Status	2/25/2015 from the printer, may be heard after March 27
Support	
Opponents	

Bill	AB 647
Author (s)	Eggman
Title	Beneficial use: diversion of water underground
Introduced	2/24/2015
Summary	Finds that the diversion of water underground constitutes a beneficial use of water for which an appropriation may be made
Status	6/4/2015 in Senate Rules committee for assignment
Support	
Opponents	Metropolitan Water District of Southern California

Bill	AB 723
Author (s)	Rendon
Title	Water Sense standards
Introduced	2/25/2015
Summary	Would prohibit manufacturers from selling plumbing fixtures that do not meet Water Sense standards beginning January 1, 2017
Status	6/11/2015 Referred to Senate committee on Energy, Utilities and Communications
Support	ACWA
Opponents	

Bill	AB 761
Author (s)	Levine
Title	Carbon sequestration: working lands
Introduced	2/25/2015
Summary	Would require the Food and Drug Administration to establish a grant program to fund voluntary projects that increase carbon sequestration
Status	6/4/2015 in Senate Rules committee for assignment
Support	
Opponents	

Bill	AB 935
Author (s)	Salas
Title	Integrated Regional Water Management Plans
Introduced	2/26/2015
Summary	Requires DWR to provide grants for water conveyance systems consistent with integrated regional water management plans, grants will have a 50% cost share
Status	6/3/2015 in Senate Rules committee for assignment.
Support	
Opponents	

Bill	AB 936
Author (s)	Salas
Title	Groundwater monitoring
Introduced	2/26/2015
Summary	Allows entities in an area that does not have groundwater monitoring to apply for grant funding to support a project that would create compliance with the monitoring requirements
Status	5/28/2015 in Appropriations committee; held under submission
Support	ACWA
Opponents	

Bill	AB 937
Author (s)	Salas
Title	Groundwater recharge storage
Introduced	2/26/2015
Summary	Declares that recharging a groundwater basin as a means of repelling saltwater intrusion constitutes a beneficial use of water if that project is consistent with a groundwater management plan or a groundwater sustainability plan
Status	6/3/2015 in Senate Rules committee for assignment
Support	ACWA
Opponents	

Bill	AB 938
Author (s)	Salas
Title	Groundwater basin reprioritization
Introduced	2/26/2015
Summary	Requires the establishment of a groundwater sustainability agency or submission of an alternative after the reprioritization of agencies overlying a groundwater basin
Status	5/7/2015 in Senate committee on Natural Resources and Water
Support	ACWA
Opponents	

Bill	AB 939
Author (s)	Salas
Title	Financial authority of groundwater sustainability agencies
Introduced	2/26/2015
Summary	Requires groundwater sustainability agencies to make fee information available 20 days before a public meeting is held to discuss implementing or increasing this fee
Status	5/7/2015 in Senate committee on Natural Resources and Water
Support	
Opponents	

Bill	AB 954
Author (s)	Mathis
Title	Water Quality, Supply and Infrastructure Improvement Act of 2014 Water and Wastewater Loan and Grant Pilot Program
Introduced	2/26/2015
Summary	Amended subject to a pilot program to provide low interest loans and grants for drinking water and wastewater treatment, transferring \$20,000,000 from the General Fund for that purpose
Status	6/4/2015 in Senate Rules committee for assignment
Support	
Opponents	

Bill	AB 957
Author (s)	Mathis
Title	Water Quality, Supply and Infrastructure Improvement Act of 2014
Introduced	2/26/2015
Summary	Authorizes the issuance of \$7,545,000,000 in bonds to finance a water quality, supply and infrastructure program, \$725,000,000 of this for expenditures, grants and loans for water recycling and advanced treatment technology projects
Status	4/6/2015 amended and re-referred to Water, Parks & Wildlife
Support	
Opponents	ACWA

Bill	AB 1033
Author (s)	Garcia
Title	Infrastructure financing
Introduced	2/26/2015
Summary	Revises the definition of economic development facilities to include good movement facilities
Status	3/19/2015 referred to committees on Jobs, Economic Development and the Economy, and Transportation
Support	
Opponents	

Bill	AB 1128
Author (s)	Jones-Sawyer
Title	Water Conservation
Introduced	2/27/2015
Summary	Technical, nonsubstantive changes
Status	3/2/2015 read first time
Support	
Opponents	

Bill	AB 1137
Author (s)	Mullin
Title	Public utility districts: seal
Introduced	2/27/2015
Summary	Technical, nonsubstantive changes
Status	3/2/2015 read first time
Support	
Opponents	

Bill	AB 1139
Author (s)	Campos
Title	Tax Credit for Turf Removal
Introduced	2/27/2015
Summary	Would permit taxpayers participating in a lawn replacement program to receive a \$2 per square foot tax credit up to \$50,000
Status	5/4/2015 in Revenue and Taxation committee, hearing cancelled at author's request
Support	ACWA
Opponents	

Bill	AB 1173
Author (s)	Williams
Title	Backflow prevention devices testing: certification
Introduced	2/27/2015
Summary	In the event that the local health officer does not maintain a backflow certification program, testing and maintenance of backflow devices may be performed by a person with a California-specific backflow certification deemed acceptable
Status	6/11/2015 referred to Senate committee on Environmental Quality
Support	
Opponents	ACWA

Bill	AB 1242
Author (s)	Gray
Title	Groundwater mitigation measures
Introduced	2/27/2015
Summary	Requires State Board to take into consideration any applicable groundwater sustainability plan or its alternative in formulating state water policy that affects that groundwater basin
Status	6/11/2015 referred to Senate committees on Natural Resources and Water and Environmental Quality
Support	ACWA
Opponents	

Bill	AB 1243
Author (s)	Gray
Title	Groundwater recharge grants
Introduced	2/27/2015
Summary	Would establish the Groundwater Recharge Grant Fund and manage funds appropriated to the SWRCB for groundwater recharge grant programs
Status	3/23/2015 referred to committee on Water, Parks and Wildlife, hearing scheduled for 4/14/2015
Support	
Opponents	

Bill	AB 1244
Author (s)	Gray
Title	Water rights: small irrigation use
Introduced	2/27/2015
Summary	Requires the SWRCB to adopt conditions for small irrigation use
Status	4/28/2015 in committee on Water, Parks and Wildlife, held under submission
Support	
Opponents	

Bill	AB 1251
Author (s)	Gomez
Title	Greenway Development and Sustainment Act
Introduced	2/27/2015
Summary	Authorizes specified tax-exempt nonprofit organizations to acquire and hold conservation easements for the purpose of greenways
Status	6/3/2015 in Senate Rules committee for assignment
Support	
Opponents	

Bill	AB 1390
Author (s)	Alejo and Perea
Title	Groundwater adjudication
Introduced	2/27/2015
Summary	Establishes procedures to streamline the groundwater adjudication process
Status	6/4/2015 referred to Senate committees on Natural Resources and Water and Judiciary
Support	ACWA, if amended, California Chamber of Commerce
Opponents	

Bill	AB 1463
Author (s)	Gatto
Title	Onsite recycled water
Introduced	2/27/2015
Summary	Requires the SWRCB to establish water quality standards and requirements for onsite water recycling systems prior to authorizing their use for commercial and residential buildings
Status	6/11/2015 referred to Senate committee on Environmental Quality
Support	
Opponents	

Bill	AB 1531
Author (s)	Alejo
Title	State Water Resources Control Board
Introduced	3/23/2015
Summary	Authorizes the SWRCB to adopt emergency regulations without the review of the Office of Administrative Law
Status	6/8/2015 in Senate committee on Environmental Quality, hearing postponed
Support	
Opponents	ACWA, unless amended

California Senate

Bill	SB 1
Author (s)	Gaines
Title	California Global Warming Solutions Act of 2006
Introduced	12/1/2014
Summary	Creates exemptions for certain people or entities from compliance with the previous act
Status	4/7/2015 hearing in Environment Quality committee cancelled at author's request
Support	
Opponents	

Bill	SB 3
Author (s)	Leno
Title	Minimum wage increase
Introduced	12/1/2014
Summary	Increases minimum wage to \$11 as of January 2016 and to \$13 in July 2017
Status	6/2/2015 in Assembly; read first time and held at desk
Support	
Opponents	

Bill	SB 5
Author (s)	Vidak
Title	California Global Warming Solutions Act of 2006
Introduced	12/1/2014
Summary	Exempts categories of people and entities through December, 2020.
Status	4/15/2015 failed passage, reconsideration granted
Support	
Opponents	

Bill	SB 7
Author (s)	Wolk
Title	Water meters: multi-units
Introduced	12/1/2014
Summary	Authorizes the Department of Housing and Community Development to develop standards for water submeter installation in multi-unit residential properties
Status	5/22/2015 referred to Assembly committees on Housing and Community Development and Water, Parks and Wildlife
Support	Santa Clara Valley Water District, California Municipal Utilities Association, Sierra Club
Opponents	

Bill	SB 13
Author (s)	Pavley
Title	Groundwater sustainability
Introduced	12/1/2014
Summary	Amends the Sustainable Groundwater Management Act to provide local agencies or groundwater sustainability agencies up to 180 days to remedy deficiencies that designate basins as probationary
Status	5/21/2015 amended and re-referred to Assembly committee on Water, Parks & Wildlife
Support	ACWA, if amended
Opponents	

Bill	SB 20
Author (s)	Pavley
Title	Public availability of well reports
Introduced	12/1/2014
Summary	Requires DWR to make well reports available to the public on request, also authorizes State Water Resources Control Board to designate high or medium priority basins as probationary basins
Status	6/20/2015 in Assembly, read first time and held at desk.
Support	Sierra Club
Opponents	California Chamber of Commerce

Bill	SB 32
Author (s)	Pavley
Title	Global Warming Solutions Act of 2006
Introduced	12/1/2014
Summary	Extends limitations on greenhouse gases to 2050
Status	6/4/2015 in Assembly, read first time and held at desk.
Support	Sierra Club, Bay Area Air Quality Management District
Opponents	

Bill	SB 47
Author (s)	Hill
Title	Synthetic turf
Introduced	12/17/2014
Summary	Requires the Office of Environmental Health Hazards to develop a report analyzing synthetic turf for adverse health hazards; would prohibit schools and governments from installing synthetic turf until six months after the report's completion
Status	5/28/2015 held in Senate Appropriations committee and under submission
Support	
Opponents	

Bill	SB 127
Author (s)	Vidak
Title	Water Quality, Supply and Infrastructure Improvement Act of 2014
Introduced	1/20/2015
Summary	Requires public agencies to comply with new environmental impact reporting standards for permit approval
Status	4/1/2015 hearing in Environmental Quality committee cancelled at author's request
Support	
Opponents	ACWA, unless amended; CSDA

Bill	SB 173
Author (s)	Nielson and Vidak
Title	Groundwater: di minimus extractors
Introduced	2/5/2015
Summary	Exempts from the Sustainable Groundwater Management act all domestic wells that drawn less than 10 acre feet per year
Status	3/24/2015 failed passage in committee, reconsideration granted
Support	
Opponents	ACWA, unless amended

Bill	SB 208
Author (s)	Lara
Title	Integrated Regional Water Management Plans: advanced payment for grants
Introduced	2/11/2015
Summary	Within 90 days of a grant award, regional water management groups will present evidence of projects supporting low income, disadvantaged communities and thereby will receive advanced payment of 50% of the grant awards
Status	6/11/2015 referred to committee on Water, Parks and Wildlife
Support	ACWA (if amended), East Bay MUD, CSDA (if amended)
Opponents	

Bill	SB 226
Author (s)	Pavley
Title	Groundwater Rights
Introduced	2/13/2015
Summary	Will establish a timely method for determining the boundaries of groundwater basins
Status	6/11/2015 referred to committees on Water, Parks and Wildlife and Judiciary
Support	Sierra Club
Opponents	California Chamber of Commerce, ACWA unless amended

Bill	SB 228
Author (s)	Canella
Title	Groundwater storage: Beneficial use
Introduced	2/17/2015
Summary	Declares that the repelling of saline intrusion through the recharging of a groundwater basin is a beneficial purpose use of water
Status	4/6/2015 hearing scheduled for April 14 cancelled at author's request
Support	
Opponents	

Bill	SB 239
Author (s)	Hertzberg
Title	Fire Protection Services
Introduced	2/17/2015
Summary	Amended to address LAFCO consideration of fire protection services,
Status	6/2/2015 in Assembly; read first time and held at desk
Support	
Opponents	

Bill	SB 246
Author (s)	Wieckowski
Title	Climate Action Team
Introduced	2/18/2015
Summary	Creates the Climate Action Team under the direction of the Secretary for Environmental Protection, consisting of representatives from various State agencies to coordinate State climate change goals
Status	6/4/2015 in Assembly; read first time and held at desk
Support	
Opponents	

Bill	SB 385
Author (s)	Hueso
Title	Primary drinking water standards: Hexavalent Chromium: compliance plan
Introduced	2/24/2015
Summary	Authorizes the state board, through 1/20/2020, to grant periods in which to comply with the standard, provided that the requesting water agency prepares and submits a compliance plan, notifies its customers of this plan and submits an annual update as to the status of that plan
Status	6/4/2015 referred to Assembly committees on Environmental Safety and Toxic Materials and Judiciary
Support	ACWA, CSDA, Metropolitan Water of Southern California
Opponents	

Bill	SB 454
Author (s)	Allen
Title	Water quality: oil and gas exemptions
Introduced	2/25/2015
Summary	Prohibits the Division of Oil, Gas and Geothermal Resources from submitting a proposal for an aquifer exemption without concurrence from the State Water Resources Control Board
Status	6/8/2015 ordered to inactive file on author's request
Support	Sierra Club, ACWA
Opponents	

Bill	SB 471
Author (s)	Pavley
Title	Reduction of greenhouse gas emissions
Introduced	2/26/2015
Summary	Requires that the Strategic Growth Council develop an emissions inventory of the greenhouse gas emissions from the State's water system.
Status	6/4/2015 in Assembly; read first time and held at desk
Support	ACWA, if amended; EBMUD
Opponents	

Bill	SB 487
Author (s)	Nielsen
Title	Groundwater Management Act: CEQA exemptions
Introduced	2/26/2015
Summary	Exempts from the CEQA requirements the formation of a groundwater sustainability agency, the amendment of a groundwater sustainability plan or a coordinated groundwater sustainability plan to the extent of the implementation of that plan, excepting the construction of a new facility
Status	4/30/2015 hearing canceled at request of the author
Support	ACWA
Opponents	

Bill	SB 553
Author (s)	Wolk
Title	Water conservation
Introduced	2/26/2015
Summary	Would require the department of General Services to identify each public property in the department's inventory where water consumption can be reduced and water efficiencies can be implemented through the model water efficiency landscape ordinance
Status	5/28/2015 May 28 hearing cancelled, held in Appropriations committee under submission
Support	ACWA, Metropolitan Water District of Southern California
Opponents	

June 24, 2015/20

Bill	SB 555
Author (s)	Wolk
Title	Water loss audits
Introduced	2/26/2015
Summary	Requires each urban water supplier to submit water loss audits by 1/1/2017 according to rules to be established by DWR by 7/1/2016. DWR will be required to publish the reports on their Web site and provide technical assistance to water loss detection programs
Status	6/2/2015 in Assembly; read first time and held at desk
Support	
Opponents	ACWA, unless amended

Bill	SB 568
Author (s)	Fuller
Title	Groundwater management
Introduced	2/26/2015
Summary	Declares the intent of the Legislature to enact legislation related to the Sustainable Groundwater Management Act
Status	3/12/2015 referred to Rules committee
Support	
Opponents	

Bill	SB 664
Author (s)	Hertzberg
Title	Department of Water Resources
Introduced	2/27/2015
Summary	Adds seismic vulnerability of infrastructure to urban water management planning requirements
Status	6/04/2015 in Assembly; read first time and held at desk
Support	East Bay MUD,
Opponents	ACWA, unless amended

Bill	SB 768
Author (s)	Weickowski
Title	Water conserving plumbing fixtures
Introduced	2/27/2015
Summary	Technical, nonsubstantive changes
Status	3/19/2015 referred to Rules committee
Support	
Opponents	



June 12, 2015

The Honorable Ken Cooley
State Capitol, Room 3146
Sacramento, CA 95814

RE: WATER SYSTEM CONSOLIDATION BUDGET TRAILER BILL LANGUAGE – OPPOSE

Dear Assembly Member Cooley,

On behalf of the Elk Grove Water District, I am writing to express our opposition to budget trailer bill language that would give the State Water Resources Control Board authority to mandate consolidations of public water systems in California.

Though these broad powers ostensibly are intended to address drought impacts, the language is overly broad and contains no direct link to the drought. In addition, there is no sunset provision for granting these powers to the State Water Resources Control Board, an agency with no practical local government experience or expertise in the area of consolidations.

Forced consolidations are not immediate fixes to the current drought emergency. Giving the State Water Resources Control Board broad authority to mandate consolidations could lead to significant unintended consequences. Current law provides for more effective solutions to remedy threats to health and safety during the actual drought. Voluntary, mutual assistance efforts could be utilized for immediate drought assistance in impacted communities.

Since the State Water Resources Control Board has numerous other responsibilities – including implementing emergency conservation regulations – it makes little policy sense to add mandatory consolidation of water systems to the board's regulatory "to do" list.

As an agency that delivers water to our local area, we are surprised that the state would choose to undertake this significant public policy shift through the budget trailer bill process without adequate public input or review, especially at a time when local water agencies are fully engaged in addressing the ongoing drought crisis.

We join other water agencies across the state in opposing this proposal that would grant unwarranted, broad authority to the State Water Resources Control Board to consolidate water systems.

Please vote "NO" on this language when it reaches the floor for a vote before the June 15 deadline.

Sincerely,

MARK J. MADISON
GENERAL MANAGER
ELK GROVE WATER DISTRICT