MEETING OF THE FINANCE COMMITTEE
OF THE
FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS

Wednesday, June 8, 2016

NOTE: THE MEETING WILL BEGIN AT 7:00 PM

9257 Elk Grove Blvd.
Elk Grove, CA 95624

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. **Draft Fiscal Year 2017-21 Capital Improvement Program**
   (Bruce Kamilos, Assistant General Manager)

Associate Director Comment

Public Comment

2. **Draft Fiscal Year 2016-17 Elk Grove Water District Operating Budget**
   (Jim Malberg, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

3. **Draft Fiscal Year 2016-17 Elk Grove Water District Rates and Fees**
   (Jim Malberg, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

4. **Draft Fiscal Year 2016-17 Florin Resource Conservation District Operating Budget**
   (Jim Malberg, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

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

June 8, 2016

TO: Chairman and Directors of the Florin Resource Conservation District

FROM: Bruce M. Kamilos, Assistant General Manager

SUBJECT: **DRAFT FISCAL YEAR 2017-21 CAPITAL IMPROVEMENT PROGRAM**

RECOMMENDATION

This item is presented for information only. There is no action requested of the Board of Directors at this time.

Summary

Staff presented to the Infrastructure Committee on 4/21/16 the attached draft of the Fiscal Year 2017-2021 Capital Improvement Program (CIP). Comments and suggestions made at that meeting have been incorporated into the CIP. The draft CIP is being presented herein to the full board for final comments and revisions.

DISCUSSION

Background

Each year, staff develops a five-year CIP and presents the draft CIP to board members for review and comments. Staff incorporates comments received from board members into a final CIP document.

Present Situation

Staff has made revisions to the CIP based on comments received at the 4/21/16 Infrastructure Committee meeting. By this item, staff is presenting the CIP to the full board for final comments and revisions.

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

- An "Expenditure History & Revision" table has been added on projects that span over several years. This table will track total expenditures against a project.

- The schedule for the "Service Line Replacements" project has been revised to span from two years to three years.
- The "8-inch Water Line Replacement Waterman Rd." project has been eliminated.
    - This project was originally conceived as a companion project to a planned development of a large industrial/commercial parcel on Brinkman Ct. The project would replace a section of 8" water main with a 12" water main along Waterman Rd. and loop to the new Railroad Corridor Water Main. Plans for developing the parcel have stalled, and therefore, this project is not required at this time.
- The "Pumped-to-Waste Infrastructure – Deep Wells" project has been eliminated.
    - This project modified well discharge piping to allow the deep wells to be temporarily pumped to the storm drain system, especially at well startup when water quality can be degraded. Operations confirmed by testing that none of the deep wells produce measurable amounts of sand. Additionally, the water from the deep wells is filtered and treated at the Railroad Water Treatment Facility before being distributed as potable water. The existing process provides the necessary water treatment, and therefore, this project has been eliminated from the CIP.
- The "Hydropneumatic Tanks Refurbishments" project has been eliminated.
    - New projects to install Variable Frequency Drives (VFDs) on the pumps at Well 3 and Well 8 will eliminate the need for hydropneumatic tanks at these well sites. Therefore, this project is no longer required.
- The "Automatic Meter Infrastructure (AMI)" project has been eliminated.
    - In July 2015, the Infrastructure Committee recommended against proceeding with AMI, but suggested revisiting the feasibility of AMI for EGWD in two years. For this reason, AMI has been eliminated from the CIP.

New Projects

- Lark St. Water Main
- Hampton WTP Improvements
- Well 1D Profiling/Modifications

- Well 3 Pump Replacement/VFD
- Well 8 Pump Replacement/VFD
- Fiber Optic Cable
- HVWTP Roof Replacement
- Emergency Generator Administration Building

ENVIRONMENTAL CONSIDERATIONS

Not applicable.

STRATEGIC PLAN

The Strategic Plan directs the district to address capital needs through the development of a multi-year capital improvement program.

FINANCIAL SUMMARY

This item is for information only. There is no financial impact associated with this item at this time.

Respectfully Submitted,

B. M. Camilos

BRUCE M. KAMILOS
ASSISTANT GENERAL MANAGER

Attachment

Elk Grove Water District

A DEPARTMENT OF THE
Florin Resource Conservation District

FY 2017-2021
CAPITAL IMPROVEMENT PROGRAM

BOARD OF DIRECTORS

Chuck Dawson, Chair

Tom Nelson, Vice Chair

Elliot Mulberg, Director

Bob Gray, Director

Jeanne Sabin, Director

CIP CAPITAL IMPROVEMENT PROGRAM

TABLE OF CONTENTS

APPENDICES

LIST OF FIGURES AND TABLES

OVERVIEW

The Elk Grove Water District's (District) FY 2017 – 2021 Five-Year Capital Improvement Program (CIP) is a projection of the District's capital funding for planned capital projects in fiscal years 2016/17 through 2020/21. 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.

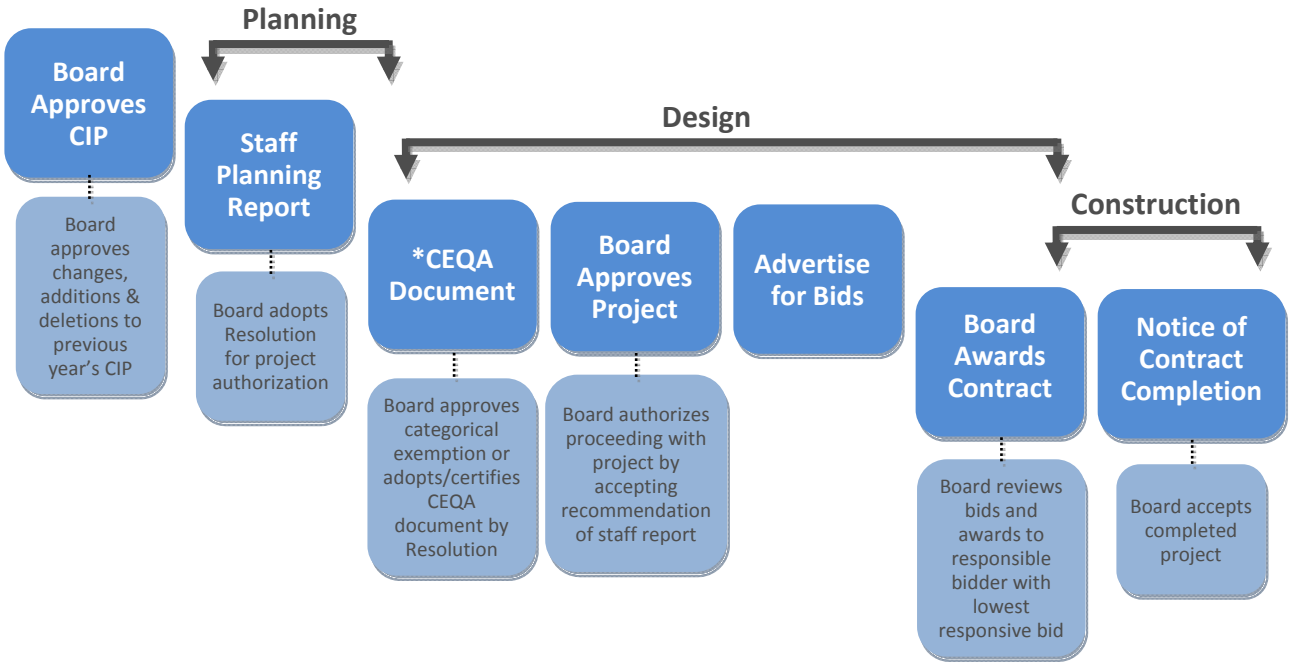
The Board has opportunities each year to provide direction on projects contained in the CIP. During the year, the CIP is presented to the Board on separate occasions for review and input. The Board's comments and direction are incorporated into a draft CIP. The draft CIP is reviewed and accepted by the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

OPPORTUNITIES FOR BOARD DIRECTION ON CAPITAL PROJECTS



**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 2016/17 through 2020/21. 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	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
	SUPPLY / DISTRIBUTION IMPROVEMENTS						
2	Service Line Replacements *pg. 10*	250	250	-	-	-	500
3	Kent St. Water Main *pg. 12*	280	-	-	-	-	280
3	Truman St./Adams St. Water Main *pg. 14*	-	-	-	240	-	240
3	School/Locust/Summit Alley Water Main *pg. 16*	-	-	-	495	-	495
3	Elk Grove Blvd Grove St. Alley Water Main *pg. 18*	-	-	-	-	290	290
3	Locust St.-Elk Grove Blvd Alley/Derr St. Water Main *pg. 20*	-	-	-	-	210	210
4	Elk Grove Blvd Water Main *pg. 22*	-	-	-	-	500	500
2	Lark St. Water Main *pg. 24*	-	-	-	170	-	170
1	Well Rehabilitation Program (one per year) *pg. 26*	90	93	95	98	101	477
1	Well 1D Pump Conversion *pg. 28*	64	-	-	-	-	64
2	Railroad Corridor Water Line *pg. 30*	-	-	-	-	190	190
3	Backyard Water Mains/Services Replacement *pg. 32*	-	844	844	-	-	1,688
2	Business Center/CSDBldg. Water Main Looping *pg. 34*	175	-	-	-	-	175
3	Cadura Circle Water Main Looping *pg. 36*	-	-	30	-	-	30
3	Mormon Church Water Main Looping *pg. 38*	-	-	-	70	-	70
	TREATMENT IMPROVEMENTS						
2	RRWTF Tanks & Vessels Recoating *pg. 40*	350	-	150	-	-	500
1	Media Replacement Filter Vessels *pg. 42*	50	50	-	-	-	100
1	Chlorine Tank Replacement - ClorTec Room *pg. 44*	-	-	80	-	-	80
1	Hampton WTP Improvements *pg. 46*	200	-	-	-	-	200
1	Well 1D Profiling/Modifications *pg. 48*	100	-	-	-	-	100
1	Well 3 Pump Replacement/VFD *pg. 50*	175	-	-	-	-	175
1	Well 8 Pump Replacement/VFD *pg. 52*	-	180	-	-	-	180
4	Link Sample Pressure Stations to SCADA *pg. 54*	-	-	100	-	-	100
	BUILDING & SITE IMPROVEMENTS / VEHICLES						
3	Truck Replacements *pg. 56*	120	165	202	219	174	880
3	Security Infrastructure *pg. 58*	84	-	-	-	-	84
1	RRWTF Emergency Access Gate *pg. 60*	-	25	-	-	-	25
	District Administration Bldg. Improvements *pg. 62*	-	-	-	-	-	0
1	RRWTF Modular Meeting Room & I.T. Center *pg. 64*	215	-	-	-	-	215
1	Fiber Optic Cable *pg. 66*	135	-	-	-	-	135
4	Well 1D Gate Improvement *pg. 68*	10	-	-	-	-	10
4	HVWTP Roof Replacement *pg. 70*	-	20	-	-	-	20
2	Emergency Generator Administration Building *pg. 72*	50	-	-	-	-	50
	UNFORESEEN CAPITAL PROJECTS						
	Unforeseen Capital Projects *pg. 74*	200	200	200	200	200	1,000
	TOTAL	2,548	1,827	1,701	1,492	1,665	9,233

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	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
CAPITAL IMPROVEMENT FUNDS						
Supply/Distribution Improvements	425	250	30	70	661	1,436
Treatment Improvements	355	180	100	-	-	635
Building & Site Improvements/Vehicles	604	190	202	219	174	1,389
SUB-TOTAL	1,384	620	332	289	835	3,460
CAPITAL REPAIR/REPLACEMENT FUNDS						
Supply/Distribution Improvements	434	937	939	1,003	601	3,914
Treatment Improvements	500	50	230	-	-	780
Building & Site Improvements/Vehicles	10	20	-	-	-	30
SUB-TOTAL	944	1,007	1,169	1,003	601	4,724
UNFORESEEN CAPITAL PROJECT FUNDS						
Unforeseen Capital Projects	200	200	200	200	200	1,000
SUB-TOTAL	200	200	200	200	200	1,000
TOTAL	2,528	1,827	1,701	1,492	1,636	9,184

Table 3
Funding Source Requirements
Connection Fees

FUND	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
CAPITAL IMPROVEMENT FUNDS						
Supply/Distribution Improvements	-	-	-	-	29	29
Treatment Improvements	20	-	-	-	-	20
TOTAL	20	0	0	0	29	49

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

CAPITAL IMPROVEMENT FUND	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
SUPPLY / DISTRIBUTION IMPROVEMENTS						
Service Line Replacements	250	250	-	-	-	500
Elk Grove Blvd Water Main	-	-	-	-	500	500
Railroad Corridor Water Line	-	-	-	-	161	161
Business Center/CSD Bldg. Water Main Looping	175	-	-	-	-	175
Cadura Circle Water Main Looping	-	-	30	-	-	30
Mormon Church Water Main Looping	-	-	-	70	-	70
TOTAL	425	250	30	70	661	1,436

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

CAPITAL IMPROVEMENT FUND	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
TREATMENT IMPROVEMENTS						
Hampton WTP Improvements	180	-	-	-	-	180
Well 3 Pump Replacement/VFD	175	-	-	-	-	175
Well 8 Pump Replacement/VFD	-	180	-	-	-	180
Link Sample Pressure Stations to SCADA	-	-	100	-	-	100
TOTAL	355	180	100	0	0	635

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

CAPITAL IMPROVEMENT FUND	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
BUILDING & SITE IMPROVEMENTS						
Truck Replacements	120	165	202	219	174	880
Security Infrastructure	84	-	-	-	-	84
RRWTF Emergency Access Gate	-	25	-	-	-	25
District Administration Bldg. Improvements	-	-	-	-	-	0
RRWTF Modular Meeting Room & I.T. Center	215	-	-	-	-	215
Fiber Optic Cable	135	-	-	-	-	135
Emergency Generator Administration Building	50	-	-	-	-	50
TOTAL	604	190	202	219	174	1,389

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

CAPITAL REPAIR/REPLACEMENT	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
SUPPLY / DISTRIBUTION IMPROVEMENTS						
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
Lark St. Water Main	-	-	-	170	-	170
Well Rehabilitation Program (one per year)	90	93	95	98	101	477
Well 1D Pump Conversion	64	-	-	-	-	64
Backyard Water Mains/Services Replacement	-	844	844	-	-	1,688
TOTAL	434	937	939	1,003	601	3,914

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

CAPITAL REPAIR/REPLACEMENT	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
TREATMENT IMPROVEMENTS						
RRWTF Tanks & Vessels Recoating	350	-	150	-	-	500
Media Replacement Filter Vessels	50	50	-	-	-	100
Chlorine Tank Replacement ClorTec Room	-	-	80	-	-	80
Well 1D Profiling/Modifications	100	-	-	-	-	100
TOTAL	500	50	230	0	0	780

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

CAPITAL REPAIR/REPLACEMENT	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
BUILDING & SITE IMPROVEMENTS						
Well 1D Gate Improvements	10	-	-	-	-	10
HVWTP Roof Replacement	-	20	-	-	-	20
TOTAL	10	20	0	0	0	30

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

UNFORESEEN CAPITAL PROJECTS	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	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	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
SUPPLY / DISTRIBUTION IMPROVEMENTS						
Railroad Corridor Water Line	-	-	-	-	29	29
TOTAL	0	0	0	0	29	29

Table 5B
Schedule of Connection Fees
Treatment Improvements

CAPITAL IMPROVEMENT FUND	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Total
TREATMENT IMPROVEMENTS						
Hampton WTP Improvements	20	-	-	-	-	20
TOTAL	20	0	0	0	0	20

This page intentionally left blank.

Project	**Service Line Replacements**
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	2
Project No.	200

PROJECT DESCRIPTION

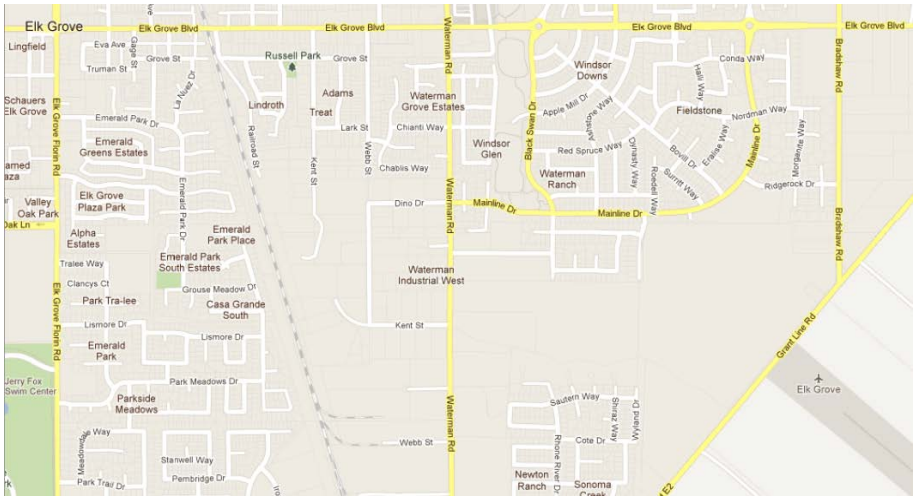
The Elk Grove Water District has a number of installations where 3/4" service lines tap water mains. In some cases, a common service line tap splits at a tee fitting (or what is commonly known as a "bullhead") to serve two (2) water meters. This project replaces all 3/4" service lines with 1" service 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 2017/18.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Service Line Replacements	250	243	0	0	0	493
with inflation (3%)	250	250	0	0	0	500

Expenditure breakdown: no design costs, 100% construction

EXPENDITURE HISTORY & REVISIONS
(in thousands $)

	Past / Planned Expenditures					Total
Description	FY14/15	FY15/16	FY16/17	FY17/18	FY18/19	
Original Budget	900	0	0	0	0	900
Expenditure	(120)	(80)	0	0	0	0
Balance / Carry-over	780	700	0	0	0	0
Revised Budget	120	80	250	250	0	700

Budget has been revised downward due to actual construction costs coming in under budget.

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	700
Total	**700**

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

PROJECT DESCRIPTION

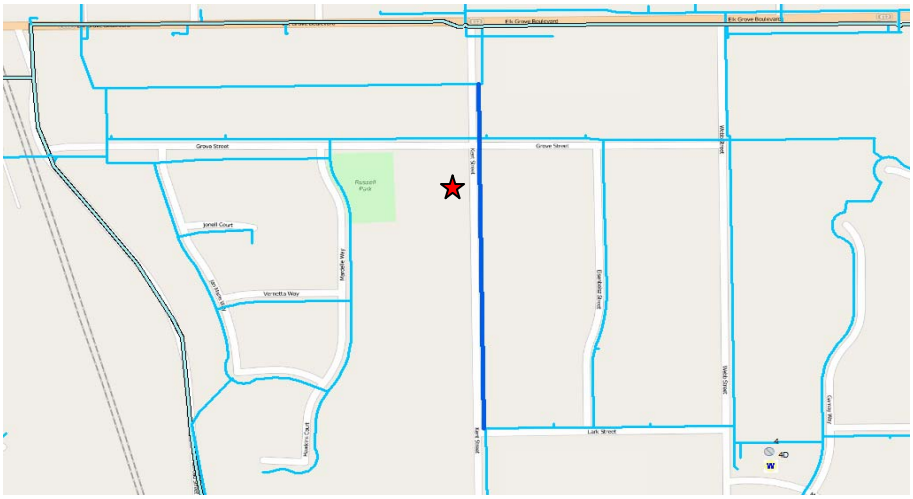
This project installs approximately 1,200 lineal feet of 8” C900 PVC water main in Kent Street.

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.



SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Kent St. Water Main	280	0	0	0	0	280
with inflation (3%)	280	0	0	0	0	280

Expenditure breakdown: $7,500 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	3
Project No.	TBD

PROJECT DESCRIPTION

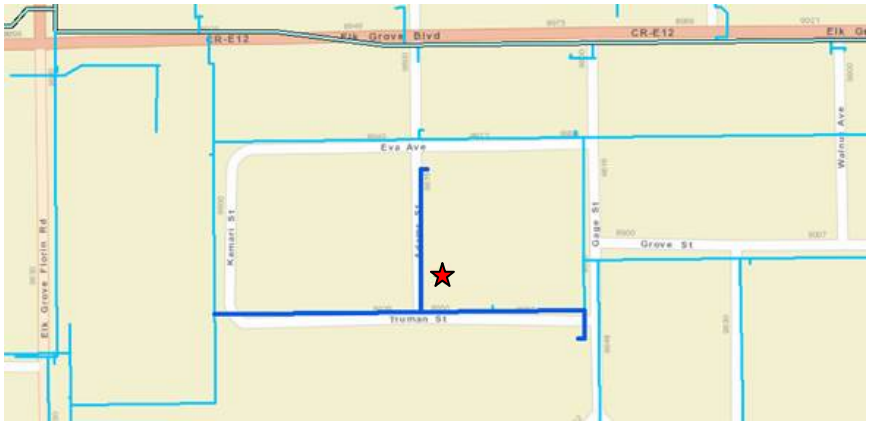
This project installs approximately 700 lineal feet of 8” C900 PVC water main in Truman Street and 325 lineal feet of 8” C900 PVC water main in Adams Street for a total 1,025 lineal feet of 8” C900 PVC water main.

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.



SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Truman St./Adams St. Water Main	0	0	0	220	0	220
with inflation (3%)	0	0	0	240	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	3
Project No.	TBD

PROJECT DESCRIPTION

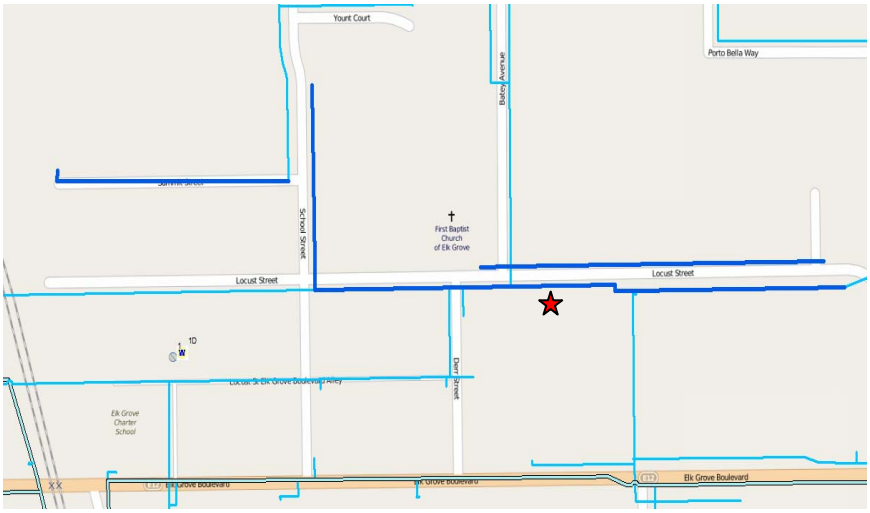
This project installs approximately 225 lineal feet of 8” C900 PVC water main in School Street, 1,300 lineal feet of 8” C900 PVC water main in Locust Street, and 625 lineal feet of 8” C900 PVC water main in Summit St. Alley for a total 2,150 lineal feet of 8” C900 PVC water main.

JUSTIFICATION

Locust Street is currently served by a 4” water main installed in 1965, and School Street and Summit St. Alley are currently served by 4” water mains installed in 1977. EGWD standard construction specifications specify minimum size of water mains to be 8” diameter. 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.



SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
School/Locust/Summit Alley Water Main	0	0	0	453	0	453
with inflation (3%)	0	0	0	495	0	495

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

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	495
Total	**495**

OPERATING COST IMPACTS

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. It is estimated that the elimination of future leaks will result in an annual savings of $1,200.

USEFUL LIFE: 125 years

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

PROJECT DESCRIPTION

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

JUSTIFICATION

Elk Grove Blvd Grove St. Alley is currently served by a 4” water main installed in 1975. EGWD standard construction specifications specify minimum size of water mains to be 8” diameter. 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.

SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Elk Grove Blvd Grove St. Alley Water Main	0	0	0	0	258	258
with inflation (3%)	0	0	0	0	290	290

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

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	290
Total	**290**

OPERATING COST IMPACTS

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. It is estimated that the elimination of future leaks will result in an annual savings of $1,200.

USEFUL LIFE: 125 years

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

PROJECT DESCRIPTION

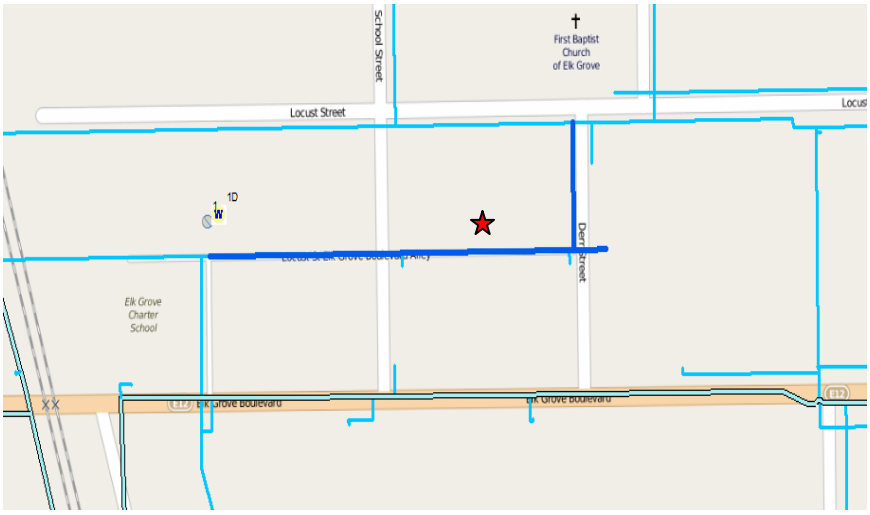
This project installs approximately 725 lineal feet of 8" C900 PVC water main in Locust St.-Elk Grove Blvd Alley and 175 lineal feet of 8" C900 PVC water main in Derr Street.

JUSTIFICATION

Locust St.-Elk Grove Blvd Alley and Derr Street are currently served by 4" water mains installed in 1965. EGWD standard construction specifications specify minimum size of water mains to be 8" diameter. 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.



SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Locust St.-Elk Grove Blvd Alley/Derr St. Water Main	0	0	0	0	187	187
with inflation (3%)	0	0	0	0	210	210

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

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	210
Total	**210**

OPERATING COST IMPACTS

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. It is estimated that the elimination of future leaks will result in an annual savings of $1,200.

USEFUL LIFE: 125 years

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

PROJECT DESCRIPTION

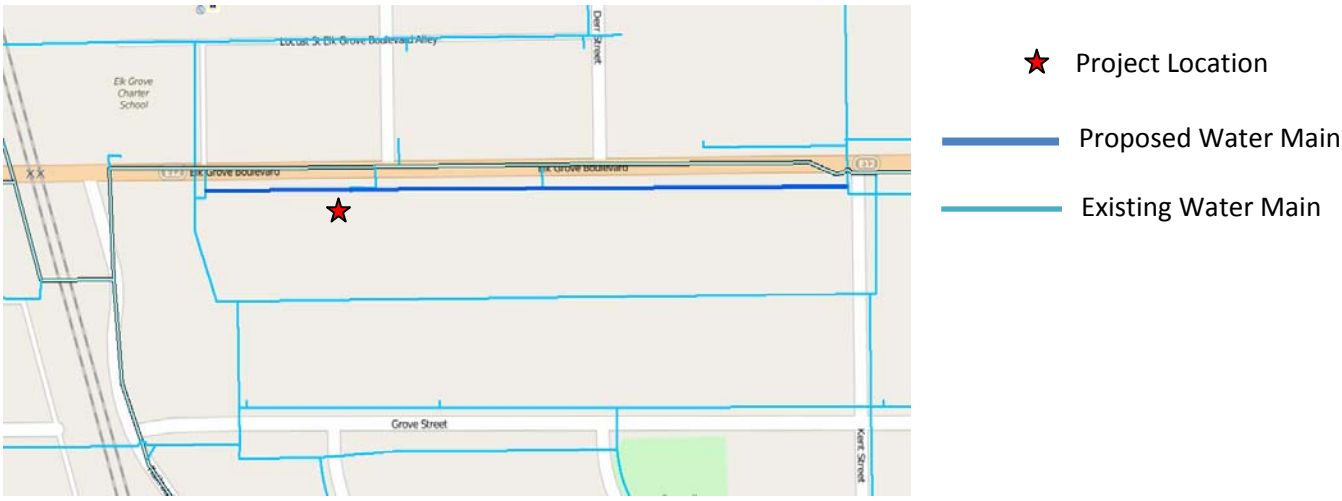
This project installs approximately 1,300 lineal feet of 8" water main on the south side of Elk Grove Blvd. between the Union Pacific Railroad tracks and Kent St, and installs water meters on the front side of the properties along this stretch.

JUSTIFICATION

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

PROJECT LOCATION

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



SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Elk Grove Blvd Water Main	0	0	0	0	444	444
with inflation (3%)	0	0	0	0	500	500

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

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	500
Total	**500**

OPERATING COST IMPACTS

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. It is estimated that the elimination of future leaks will result in an annual savings of $600.

USEFUL LIFE: 125 years

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

PROJECT DESCRIPTION

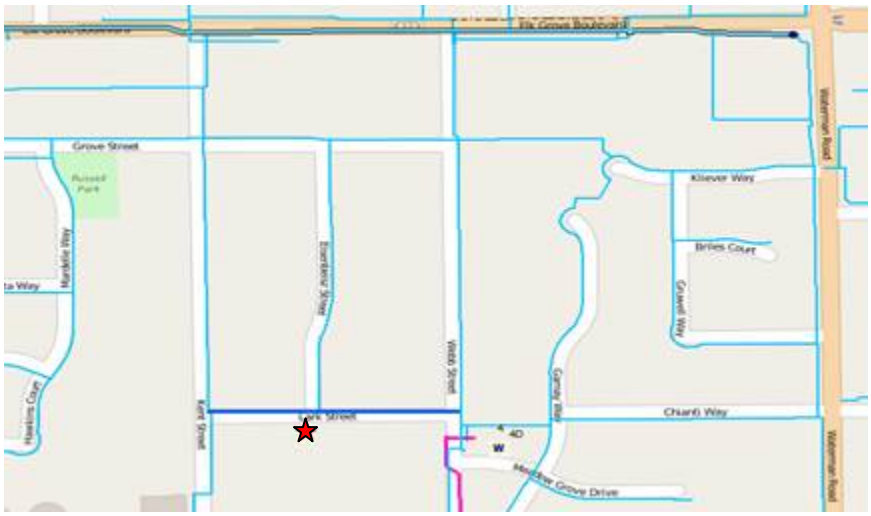
This project installs approximately 730 lineal feet of 8” C900 PVC water main in Lark Street.

JUSTIFICATION

Lark Street is currently served by a 6” water main installed in 1960. The material of the water main is asbestos-cement pipe (ACP). Repairs on this water main in September 2015 revealed that the wall of the ACP is becoming soft from water absorption. Due to the deteriorating condition of the pipe, it is time to replace this water main and bring it up to current EGWD standard construction specifications. Furthermore, EGWD has a capital improvement project (CIP) to replace all 3/4" service lines in the district with 1” service lines. Six of the eighteen lots on Lark Street are served by 3/4" service lines. This project installs an 8” water main in Lark Street and replaces the six (6) 3/4” service lines with 1” service lines.

PROJECT LOCATION

The project is located on Lark Street.



SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Lark St. Water Main	0	0	0	156	0	156
with inflation (3%)	0	0	0	170	0	170

Expenditure breakdown: $7,500 design, $162,500 construction

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	170
Total	**170**

OPERATING COST IMPACTS

The completion of this project is anticipated to decrease operating costs by replacing an old water main, service lines and tapping saddles that have reached their useful life and are at risks of developing leaks. It is estimated that the elimination of future leaks will result in an annual savings of $1,200.

USEFUL LIFE: 125 years

Project	**Well Rehabilitation Program (one per year)**
Funding Type	Capital Repair/Replacement Funds
Program	Supply / Distribution Improvements
Priority	1
Project No.	503

PROJECT DESCRIPTION

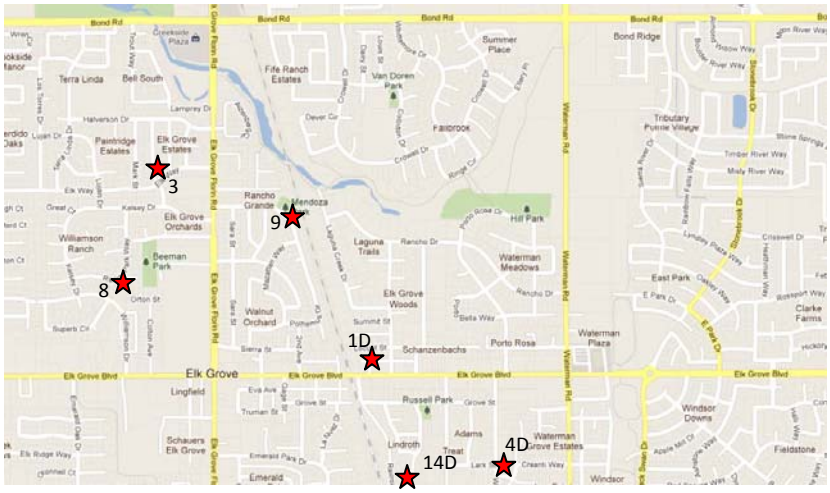
The well rehabilitation program provides for one well rehabilitation project each year.

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.



SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Well Rehabilitation Program	90	90	90	90	90	450
with inflation (3%)	90	93	95	98	101	477

Expenditure breakdown: $25,000 design, $452,000 construction

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Repair/Replacement Funds	
▪ Supply / Distribution Improvements	477
Total	**477**

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.	504

PROJECT DESCRIPTION

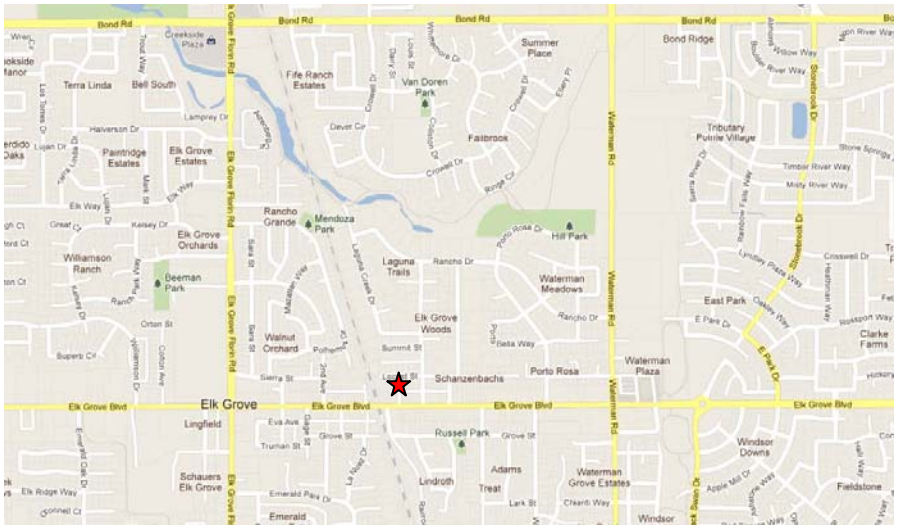
This project converts the vertical turbine pump of Well 1D (School Street Deep Well) from an oil-lubricated system to a water-lubricated system.

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 $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Well 1D Pump Conversion	64	0	0	0	0	64
with inflation (3%)	64	0	0	0	0	64

Expenditure breakdown: $5,000 design, $59,000 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.	210

PROJECT DESCRIPTION

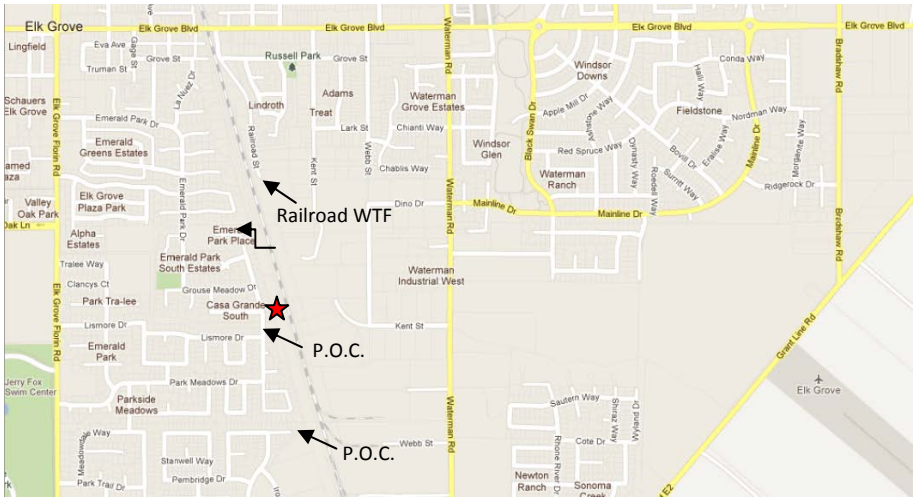
This project completes the installation of a 18" to 16" diameter transmission main that connects the Railroad Street WTF to points of connection (POC) along the most southeastern side of the District's water distribution system at Falcon Meadow Dr. and Provencial Court. The following lengths of pipe 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 600 LF of 16" pipe (including a 60 LF open-cut trench creek crossing), 100 LF of 12" pipe, 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.



SCHEDULE & STATUS

Completion of the transmission main is scheduled for FY2015/16. The second railroad crossing is scheduled for FY2020/21.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Railroad Corridor Water Line	0	0	0	0	169	169
with inflation (3%)	0	0	0	0	190	190

Expenditure breakdown: $10,000 design, $180,000 construction

EXPENDITURE REVISION
(in thousands $)

	Past / Planned Expenditures						Total
Description	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Original Budget	164	0	175	0	0	0	339
Expenditure	(304)	0	0	0	0	0	0
Balance / Carry-over	(140)*	0	0	0	0	0	0
Revised Budget	304	0	0	0	0	190	494

**$140K from Unforeseen Capital Projects to cover unaccounted for expenditures related to jack & bore work under UPRR tracks.*

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	420

CONNECTION FEES

Capital Improvement Funds	
▪ Supply / Distribution Improvements	74
Total	**494**

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.	505

PROJECT DESCRIPTION

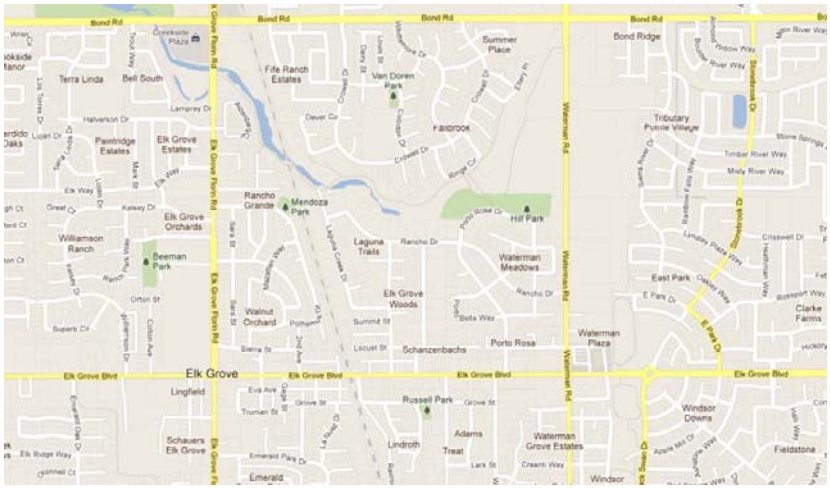
This project replaces existing 4" water mains with larger diameter water mains and relocates the mains from backyard public utilities easements to rights-of-ways in the streets. Water services will be moved from the backyards to the front sides of homes.

JUSTIFICATION

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

PROJECT LOCATION

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



★ Project Location

SCHEDULE & STATUS

The project is scheduled to occur in FY 2017/18 and FY 2018/19.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Backyard Water Mains/Services Replacements	0	819	796	0	0	1,615
with inflation (3%)	0	844	844	0	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	**Business Center/CSD Bldg. Water Main Looping**
Funding Type	Capital Improvement Funds
Program	Supply / Distribution Improvements
Priority	2
Project No.	208

PROJECT DESCRIPTION

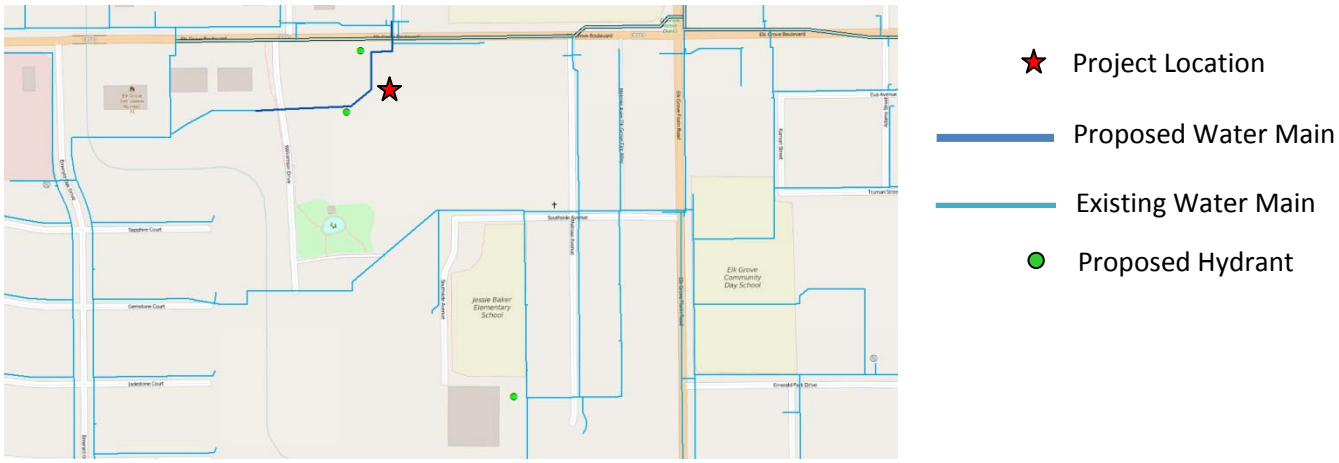
This project installs approximately 700 lineal feet of 8" C900 PVC water main to connect a dead-end water main at The Business Center to a 12" water main stub at Elk Grove Blvd and Colton Avenue. The new water main loop includes installing two (2) new hydrants at the Cosumnes CSD Administration Building.

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 Consumnes CSD Administration Bldg. and Project R.I.D.E..



SCHEDULE & STATUS

Construction started in FY2015/16 and is scheduled to complete in FY 2016/17.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
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

EXPENDITURE REVISION
(in thousands $)

	Past / Planned Expenditures					Total
Description	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Original Budget	175	0	0	0	0	175
Expenditure	0	0	0	0	0	0
Balance / Carry-over	175	175	0	0	0	0
Revised Budget	0	175	0	0	0	175

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	3
Project No.	TBD

PROJECT DESCRIPTION

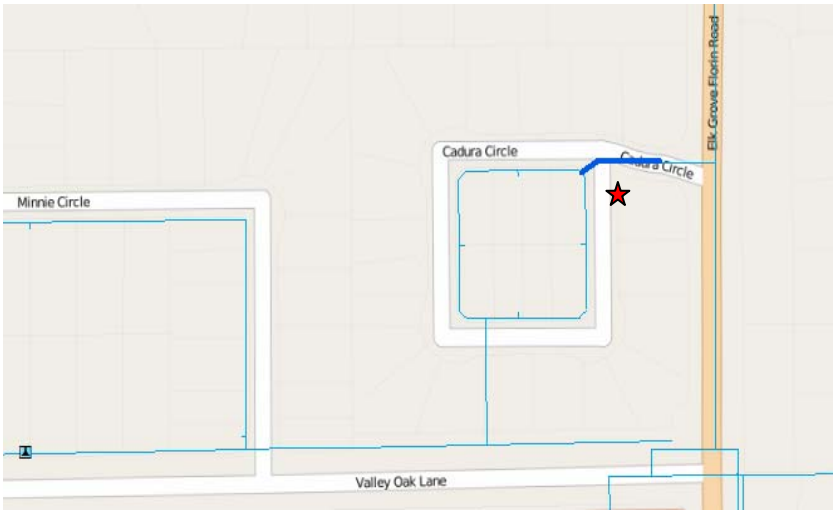
This project installs approximately 130 lineal feet of 8" C900 PVC water main to provide a water main loop so that Cadura Circle is fed by two (2) water mains.

JUSTIFICATION

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

PROJECT LOCATION

The project is located 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 $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Cadura Circle Water Main Looping	0	0	28	0	0	28
with inflation (3%)	0	0	30	0	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	3
Project No.	TBD

PROJECT DESCRIPTION

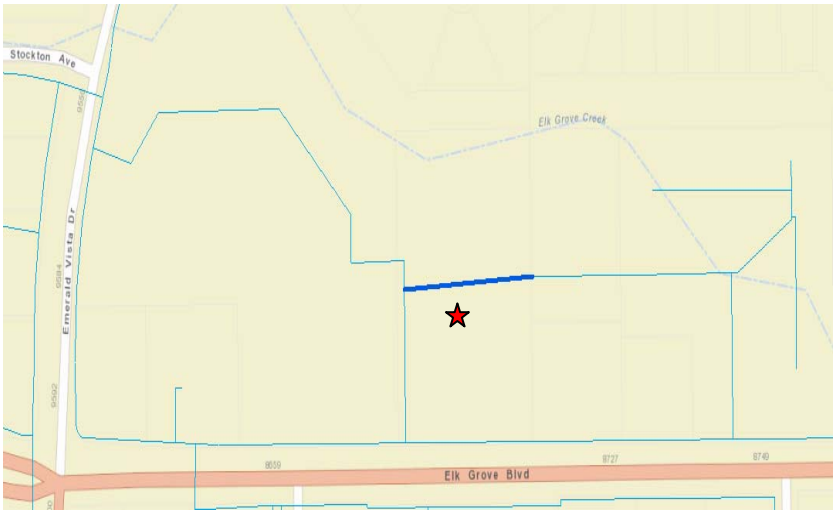
This project installs approximately 300 lineal feet of 8" C900 PVC water main to connect two (2) dead-end mains along the property of the Mormon Church on Elk Grove Blvd.

JUSTIFICATION

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

PROJECT LOCATION

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



SCHEDULE & STATUS

Preliminary engineering, final design and construction are scheduled to occur in FY 2019/20.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Cadura Circle Water Main Looping	0	0	0	64	0	64
with inflation (3%)	0	0	0	70	0	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	**RRWTF Tanks & Vessels Recoating**
Funding Type	Capital Repair/Replacement Funds
Program	Treatment Improvements
Priority	2
Project No.	TBD

PROJECT DESCRIPTION

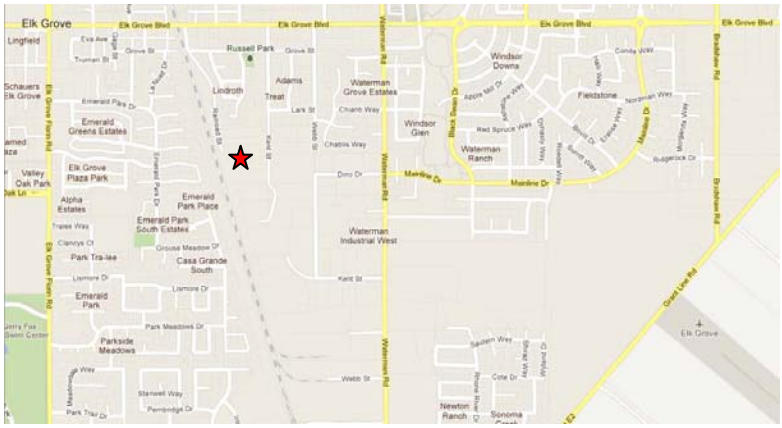
This project recoats the exteriors and interiors of the two 2-million gallon water storage tanks, the 190,000-gallon backwash tank, and six 5000-gallon filter vessels at the Railroad Street Water Treatment Facility (RRWTF).

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
RRWTF Tanks & Vessels Recoating	350	0	141	0	0	497
with inflation (3%)	350	0	150	0	0	500

Expenditure breakdown: $10,000 engineering, $500,000 construction

	Past / Planned Expenditures					Total
Description	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Original Budget	50	350	35	150	0	585
Expenditure	(10)	0	0	0	0	0
Balance / Carry-over	40	40	0	0	0	0
Revised Budget	10	350	0	150	0	510

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	510
Total	**510**

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.	508

PROJECT DESCRIPTION

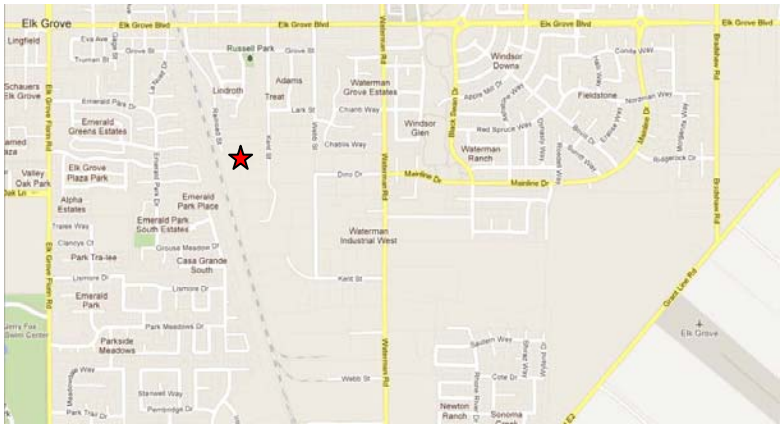
This project replaces the media in the filter vessels of Filter Train B and Filter Train C at the Railroad Street Water Treatment Facility (RRWTF). Each filter train contains two (2) filter vessels; therefore, the total number of filter vessels for media replacement is four (4).

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 $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Media Replacement Filter Vessels	50	49	0	0	0	99
with inflation (3%)	50	50	0	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.	509

PROJECT DESCRIPTION

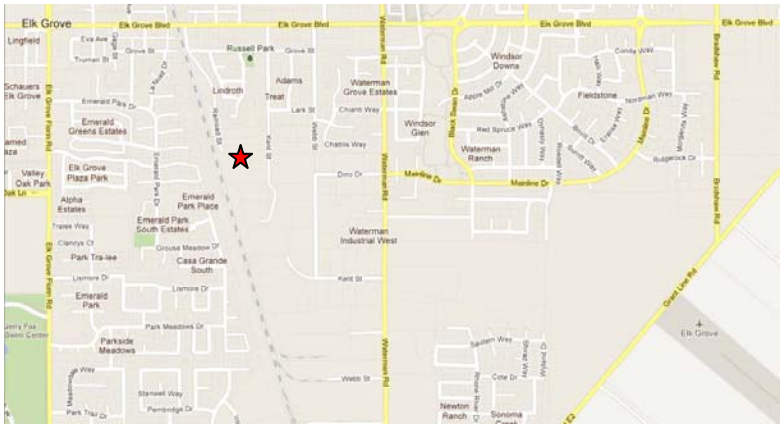
This project replaces the 6,000-gallon fiberglass, sodium hypochlorite tank of the ClorTec system at the Railroad Street Water Treatment Facility (RRWTF).

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 $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Chlorine Tank Replacement ChlorTec Room	0	0	75	0	0	75
with inflation (3%)	0	0	80	0	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 alter the existing facilities or modes of operation.

USEFUL LIFE: 15 years

Project	**Hampton WTP Improvements**
Funding Type	Capital Improvement Funds
Program	Treatment Improvements
Priority	1
Project No.	TBD

PROJECT DESCRIPTION

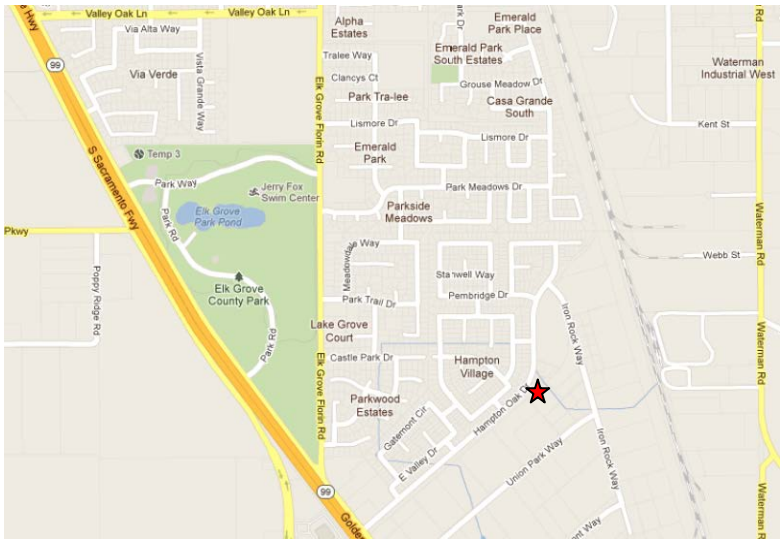
This project adds water quality treatment improvements to the Hampton Village Water Treatment Plant.

JUSTIFICATION

The Hampton Village Water Treatment Plant (HVWTP) was refurbished in FY2014/15 and recommissioned in 2015. Well 13 supplies raw water to the HVWTP and has shown a gradual trend upward in arsenic levels after three months of continuous operation. By California law, the maximum contaminant level (MCL) of arsenic in potable water is 10 parts per billion (ppb). This project is justified on the basis that the HVWTP must meet this state MCL requirement.

PROJECT LOCATION

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



★ Project Location

SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Hampton WTP Improvements	200	0	0	0	0	200
with inflation (3%)	200	0	0	0	0	200

Expenditure breakdown: $20,000 engineering, $180,000 construction

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Treatment Improvements	180

CONNECTION FEES

Capital Improvement Funds	
▪ Treatment Improvements	20
Total	**200**

OPERATING COST IMPACTS

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

USEFUL LIFE: 40 years

Project	**Well 1D Profiling/Modifications**
Funding Type	Capital Repair/Replacement Funds
Program	Treatment Improvements
Priority	1
Project No.	TBD

PROJECT DESCRIPTION

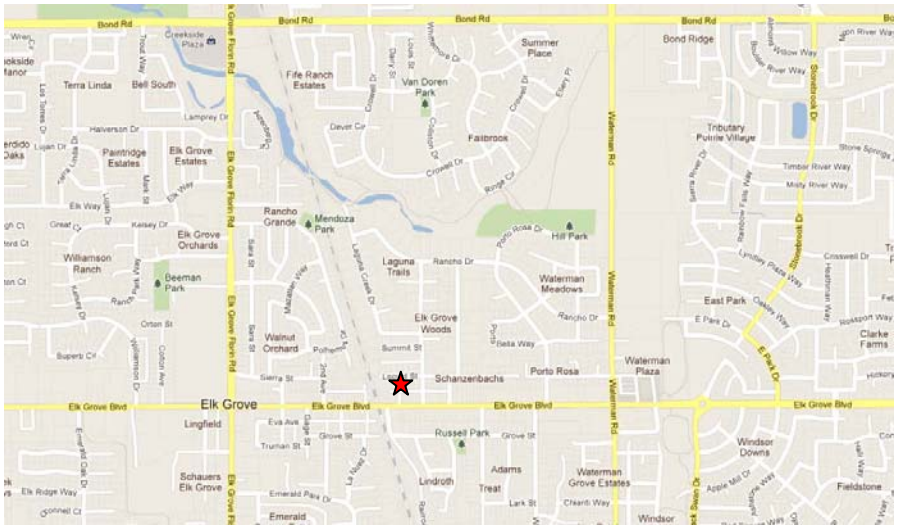
This project uses technology to characterize the flow and water quality chemistry that is produced from aquifer intervals across the well screens of Well 1D. Based on the results of this work, Well 1D may be modified to eliminate production from the stratum in the aquifer that contains arsenic.

JUSTIFICATION

Well 1D, by itself, produces water that exceeds the maximum contaminant level (MCL) of arsenic. Presently, produced water from Well 1D must be blended with produced water from another well to dilute the arsenic concentration below the MCL. Well 1D is screened at the following intervals (depths are given from below ground surface): 490'-530', 830'-860', and 930'-991'. It is speculated that the source of the arsenic is confined in the 490'-530' stratum. If so, Well 1D may be modified to eliminate production from this zone.

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 scheduled for FY 2016/17.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Well 1D Profiling/Modifications	100	0	0	0	0	100
with inflation (3%)	100	0	0	0	0	100

Expenditure breakdown: $20,000 engineering, $80,000 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 anticipated to reduce operating costs by an estimated $50,000 per year when compared to the alternative of providing chemical treatment for arsenic using surface facilities.

USEFUL LIFE: 40 years

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

PROJECT DESCRIPTION

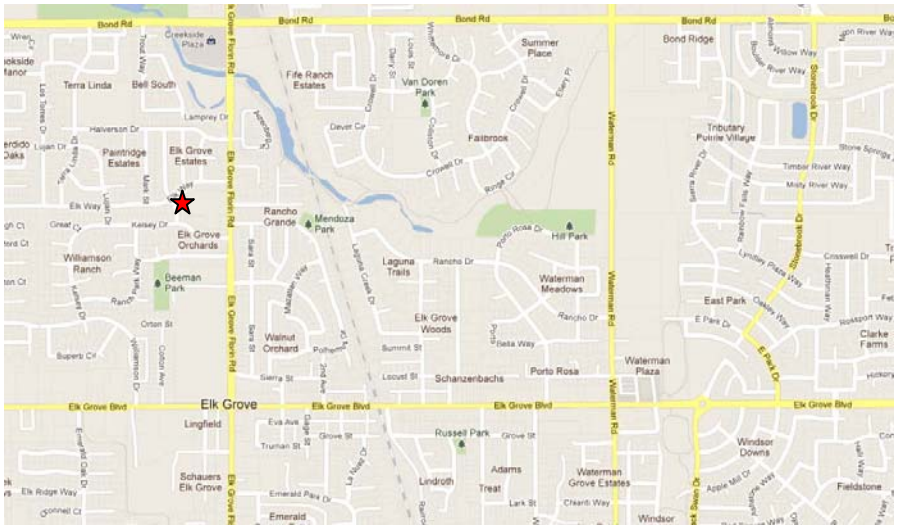
This project replaces the existing vertical turbine pump at Well 3 with a submersible pump, down-hole sand separator and variable frequency drive (VFD), and removes the hydropneumatic tank from the site. This project also installs a pumped-to-waste system to allow the well to be temporarily pumped to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

JUSTIFICATION

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

PROJECT LOCATION

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



★ Project Location

SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Well 8 Pump Replacement/VFD	175	0	0	0	0	175
with inflation (3%)	175	0	0	0	0	175

Expenditure breakdown: $15,000 engineering, $160,000 construction

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Treatment Improvements	175
Total	**175**

OPERATING COST IMPACTS

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

USEFUL LIFE: 20 years

Project	**Well 8 Pump Replacement/VFD**
Funding Type	Capital Improvement Funds
Program	Treatment Improvements
Priority	1
Project No.	TBD

PROJECT DESCRIPTION

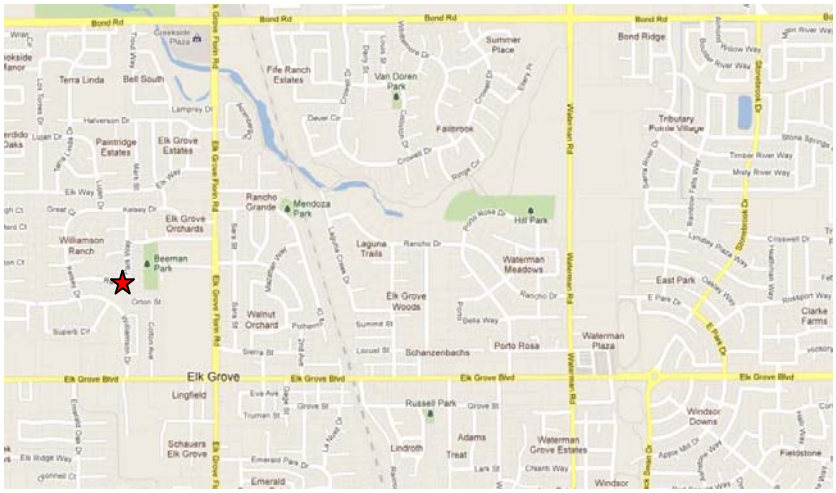
This project replaces the existing vertical turbine pump at Well 8 with a submersible pump, down-hole sand separator and variable frequency drive (VFD), and removes the hydropneumatic tank from the site.

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. At a rated flow of 850 gpm, if demand in the water distribution system isn't high, the existing pump starts and stops frequently, exacerbating sand production. 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. A down-hole sand separator and VFD would also be installed. The reduced flow capacity and VFD combination will promote continuous pump operation and minimize sand production. The VFD will also eliminate the need for the hydropneumatic tank.

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 2017/18.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Well 8 Pump Replacement/VFD	0	175	0	0	0	175
with inflation (3%)	0	180	0	0	0	180

Expenditure breakdown: $15,000 design, $165,000 construction

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Treatment Improvements	180
Total	**180**

OPERATING COST IMPACTS

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

USEFUL LIFE: 20 years

Project	**Link Sample Pressure Stations to SCADA**
Funding Type	Capital Improvement Funds
Program	Treatment Improvements
Priority	4
Project No.	TBD

PROJECT DESCRIPTION

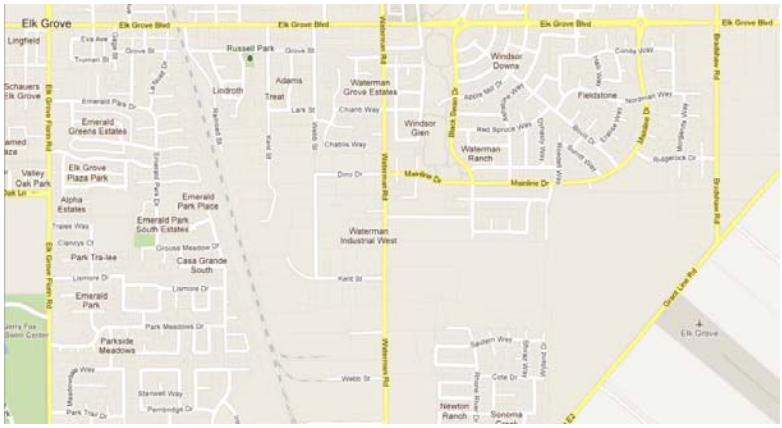
This project links to SCADA the ten (10) stations in the District's distribution system that automatically sample water pressure at a regular time interval.

JUSTIFICATION

The District has ten (10) sample stations that regularly poll pressure data in the water distribution system. The pressure data is currently uploaded on a monthly basis to the District's computer server. Operations personnel use the pressure data to track the ongoing performance of the distribution system, and to make operational adjustments as deemed necessary. Linking the pressure data to the District's supervisory control and data acquisition (SCADA) system will allow Operators to assess and adjust operations based on real-time pressure data.

PROJECT LOCATION

The ten (10) sample stations are located throughout the District's two service areas.



★ Project Location

SCHEDULE & STATUS

Engineering and construction is expected to occur in FY 2018/19.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Link Sample Pressure Stations to SCADA	0	0	94	0	0	94
with inflation (3%)	0	0	100	0	0	100

Expenditure breakdown: $5,000 engineering, $95,000 construction

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement 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: 15 years

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

PROJECT DESCRIPTION

This project replaces aging work trucks with new trucks.

JUSTIFICATION

Because distances traveled by work trucks are relatively short within the EGWD boundary, the replacement of vehicles in the EGWD truck fleet is primarily predicated on age and not mileage. EGWD typically keeps trucks for 10 years. The following are trucks planned for replacement over the next five years.

FY 16/17
Truck 301 – 2006 Chevy 3500 – 35,000 Miles – 1 Ton - $60K
Truck 401 – 2007 Chevy C2500 – 55,000 Miles – ¾ Ton - $60K

FY 17/18
Truck 102 – 2007 Chevy 3500 – 67,000 Miles – 1 Ton - $60K
Truck 303 – 2006 Ford F650 – 31,000 Miles – Dump Truck - $100K

FY 18/19
Truck 302 – 2006 Chevy 3500 – 35,000 Miles – 1 Ton - $70K
Truck 403 – 2007 Chevy Tahoe – 37,000 Miles – SUV - $60K
Truck 402 – 2008 Ford F250 – 65,000 Miles – ¾ Ton - $60K

FY 19/20
Truck 407 – 2008 Ford F550 – 20,000 Miles – Dump Truck - $100K
Truck 405 – 2007 Ford F550 – 18,000 Miles – Dump Truck - $100K

FY20/21
Truck 404 – 2008 Ford Escape – 72,000 Miles – SUV - $55K
Truck 409 – 2009 Ford F650 – 23,000 Miles – Dump Truck - $100K

PROJECT LOCATION

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

SCHEDULE & STATUS

Refer to Justification section above for vehicle replacement schedule.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Truck Replacements	120	160	190	200	155	825
with inflation (3%)	120	165	202	219	174	880

Expenditure breakdown: no design, 100% purchase

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	880
Total	**880**

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	**Security Infrastructure**
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	3
Project No.	403

PROJECT DESCRIPTION

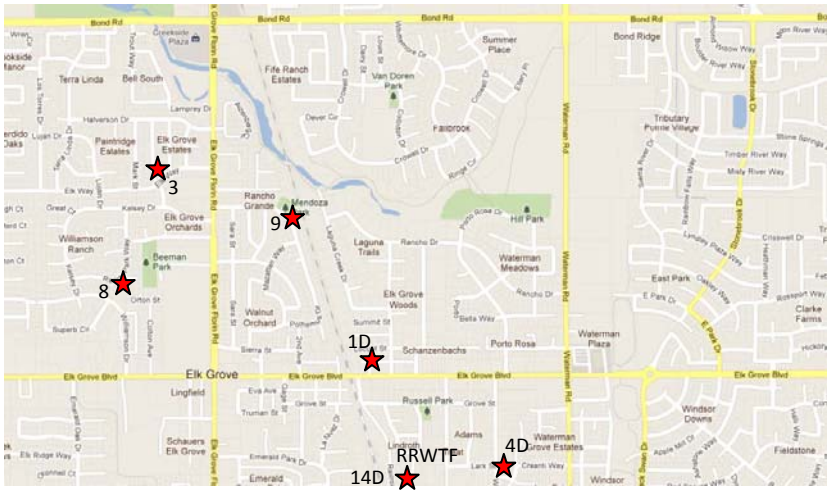
This project improves security of the District's facilities by replacing existing low resolution cameras with high tech/high resolution cameras at the deep well sites and water treatment facilities, and installing cameras at the shallow well sites.

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 and water treatment facilities. These cameras are old technology with poor resolution. This project replaces the existing cameras with high resolution cameras and adds these cameras at the shallow well sites so that all well sites and water treatment facilities are monitored by cameras. Additionally, it will be investigated if perimeter beams at each well site should be eliminated and replaced by a video verification. With the video verification system, the cameras sense motion and then tilt and zoom to where the motion is. The security contractor then determines if an alarm event is occurring and can call the police.

PROJECT LOCATION

The project locations are all of the well sites (Well 11D and Well 13 not shown), the Railroad Water Treatment Facility and Hampton Village Water Treatment Plant (not shown).



★ Project Location

SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Security Infrastructure	84	0	0	0	0	84
with inflation (3%)	84	0	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 anticipated to increase operating costs by $2,000 per year for the additional video verification monitoring services by the security contractor and adding DSL service at the three (3) shallow well sites.

USEFUL LIFE: 15 years

Project	**RRWTF Emergency Access Gate**
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	1
Project No.	TBD

PROJECT DESCRIPTION

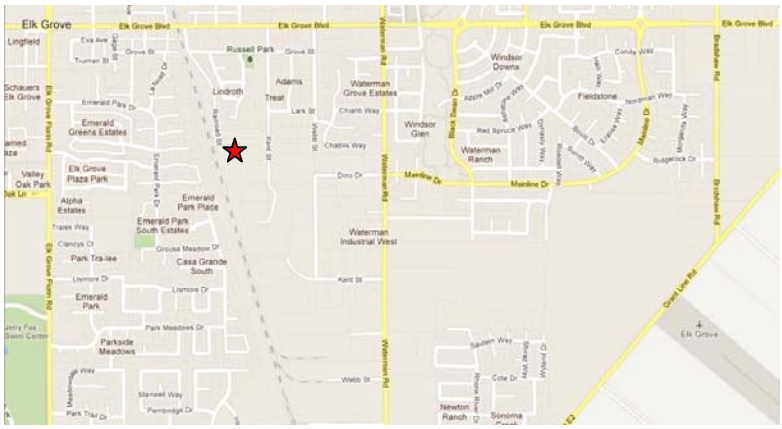
This project installs an additional 15' wide access gate to the Railroad Water Treatment Facility (RRWTF) on the rear side (east side) of the RRWTF site.

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 $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
RRWTF Emergency Access Gate	0	24	0	0	0	24
with inflation (3%)	0	25	0	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	**District Administration Bldg. Improvements**
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	
Project No.	404

PROJECT DESCRIPTION

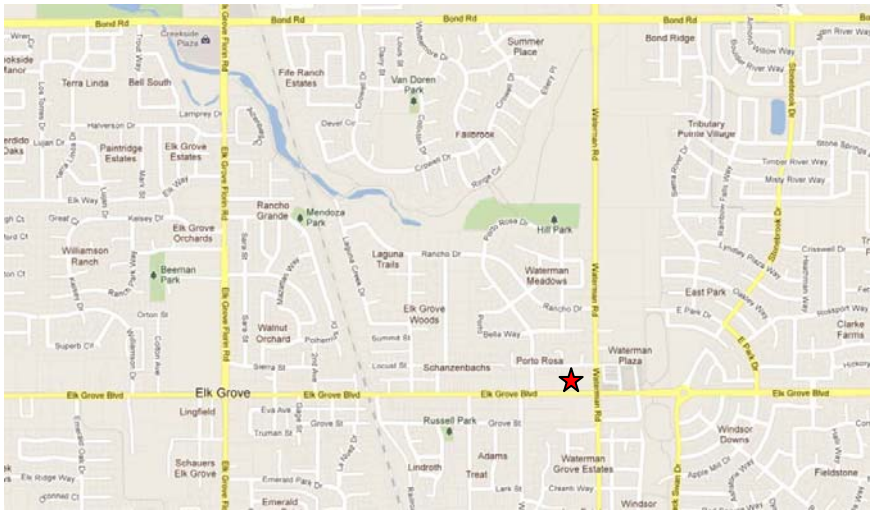
This project makes improvements to the District Administration Building.

JUSTIFICATION

To be discussed during the Infrastructure Committee meeting on 4/21/16.

PROJECT LOCATION

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



★ Project Location

SCHEDULE & STATUS

This project is planned for .

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
District Administration Bldg. Improvements	0	0	0	0	0	0
with inflation (3%)	0	0	0	0	0	0

Expenditure breakdown: ?? design, ?? construction

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	0
Total	**0**

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: ?? years

Project	**RRWTF Modular Meeting Room & I.T. Center**
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	1
Project No.	405

PROJECT DESCRIPTION

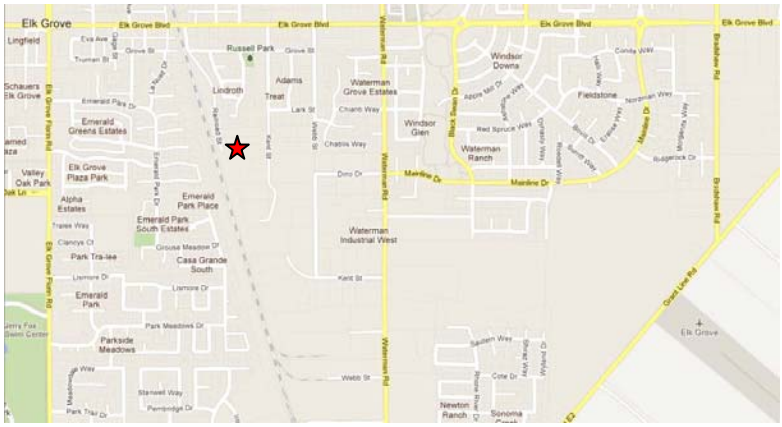
This project installs a modular building(s) for a meeting/training room for Operations personnel and information technology (I.T.) center behind the Operations and Maintenance building at the Railroad Street Water Treatment Facility (WTF).

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.

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. Construction is planned for FY2016/17.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
RRWTF Modular Meeting Room & I.T. Center	215	0	0	0	0	215
with inflation (3%)	215	0	0	0	0	215

Expenditure breakdown: $25,000 design, $190,000 construction

EXPENDITURE REVISION
(in thousands $)

	Past / Planned Expenditures					Total
Description	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	
Original Budget	125	0	0	0	0	125
Expenditure	(1)	0	0	0	0	0
Balance / Carry-over	124	91	0	0	0	
Revised Budget	1	215	0	0	0	216

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	216
Total	**216**

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: 50 years

Project	**Fiber Optic Cable**
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	1
Project No.	TBD

PROJECT DESCRIPTION

This project installs a 3400 linear feet of fiber optic cable between the District Office and the Railroad Water Treatment Facility (RRWTF). This project is required in order for the computer servers to be centralized at the proposed RRWTF Modular Meeting Room & I.T. Center.

JUSTIFICATION

The District is planning to build a modular meeting room & I.T. center at the RRWTF. With the exception of servers supporting camera security, all computer servers will be housed in the proposed I.T. Center. The computers at the District Office will require a fast fiber optic connection with the servers located at the RRWTF I.T. Center so that daily business may be conducted. Consolidated Communications is the only company that provides fiber optic service in the District's area. The cost for fiber optic service from Consolidated Communications is $2,999 per month with a minimum 3-year term. The District can install its own fiber optic cable for estimated $135,000. This project is justified on the basis of a 3.75 year payout when compared against the cost of leasing fiber optic from Consolidated Communications.

PROJECT LOCATION

The proposed route of the fiber optic cable is along Elk Grove Blvd., Webb St., Grove St., Kent St. and to the RRWTF.

★ Project Location

SCHEDULE & STATUS

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

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Fiber Optic Cable	135	0	0	0	0	135
with inflation (3%)	135	0	0	0	0	135

Expenditure breakdown: $5,000 design, $130,000 construction

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	135
Total	**135**

OPERATING COST IMPACTS

The completion of this project is expected to decrease operating costs by $36,000 per year based on savings achieved from not leasing fiber optic from Consolidated Communications.

USEFUL LIFE: 20 years

Project	**Well 1D Gate Improvement**
Funding Type	Capital Improvement Funds
Program	Building & Site Improvements/ Vehicles
Priority	4
Project No.	407

PROJECT DESCRIPTION

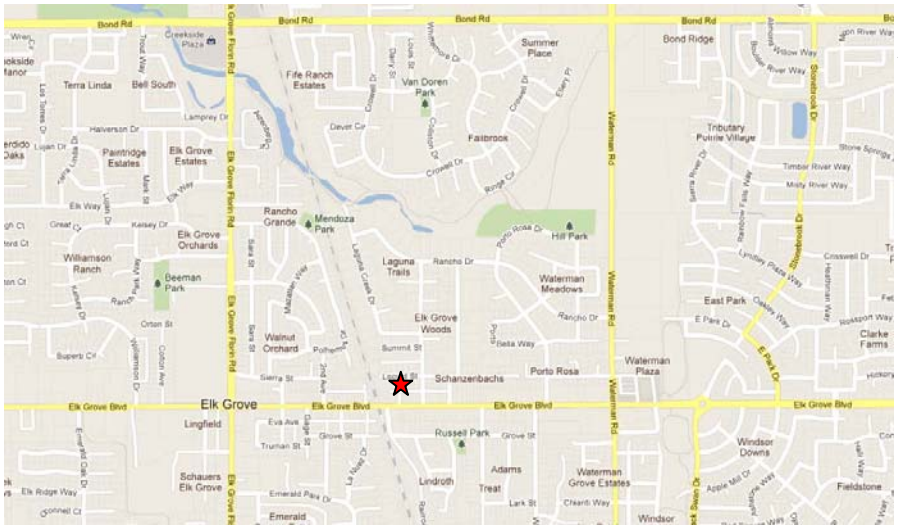
This project modifies the vehicle access gate at the location for Well 1D (School Street Deep Well) so that it is operable.

JUSTIFICATION

Well 1D was constructed in 2008 and is located in the historic area of downtown Elk Grove, known as Old Town Elk Grove. To match the character of Old Town, the fence at the front of the property was built out of ornamental iron. The vehicle access gate to the well site is also constructed of ornamental iron and was designed to hinge open electronically. The gate does not work properly, primarily due to the heavy weight of the gate. This project modifies the gate with rollers to take the weight off the hinge and changes its to a manual operation.

PROJECT LOCATION

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



SCHEDULE & STATUS

Construction is planned for FY 2016/17.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Well 1D Gate Improvement	10	0	0	0	0	10
with inflation (3%)	10	0	0	0	0	10

Expenditure breakdown: $10,000 construction

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Improvement Funds	
▪ Building & Site Improvements/Vehicles	10
Total	**10**

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	**HVWTP Roof Replacement**
Funding Type	Capital Repair/Replacement Funds
Program	Treatment Improvements
Priority	4
Project No.	TBD

PROJECT DESCRIPTION

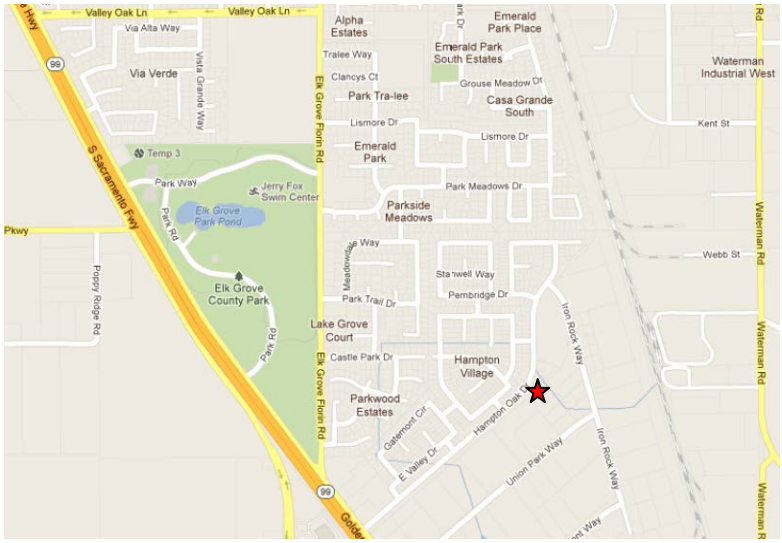
This project replaces the roof of the building housing the control room and water quality treatment equipment at the Hampton Village Water Treatment Plant.

JUSTIFICATION

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

PROJECT LOCATION

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



★ Project Location

SCHEDULE & STATUS

Construction is scheduled for FY 2017/18.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
HVWTP Roof Replacement	0	19	0	0	0	19
with inflation (3%)	0	20	0	0	0	20

Expenditure breakdown: no design, $20,000 construction

FUNDING SOURCES
(in thousands $)

USER FEES

Capital Repair/Replacement Funds	
▪ Treatment Improvements	20
Total	**20**

OPERATING COST IMPACTS

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

USEFUL LIFE: 20 years

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

PROJECT DESCRIPTION

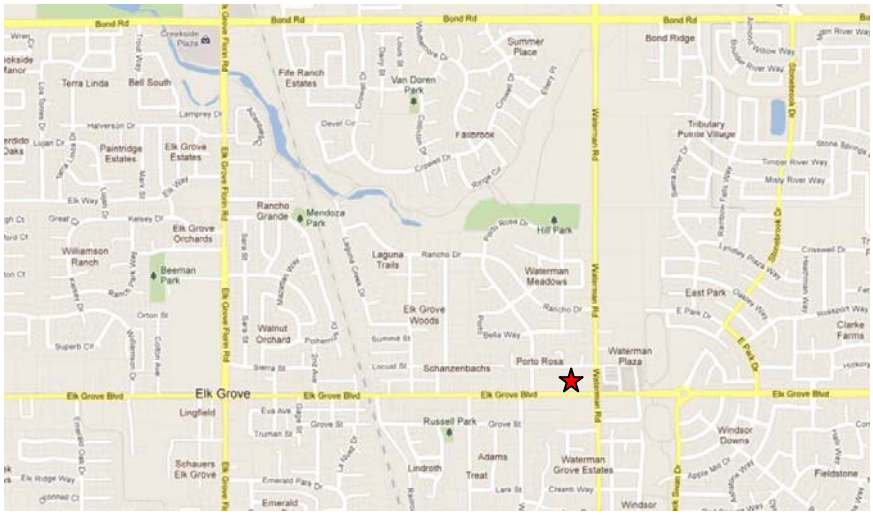
This project installs an emergency generator at the District administration building.

JUSTIFICATION

The District has determined that as part of its emergency response plan, the administration building requires emergency power to sustain operations during an emergency where SMUD is unable to provide power to the administration building.

PROJECT LOCATION

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



★ Project Location

SCHEDULE & STATUS

This project is planned for construction in FY 2016/17.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
Emergency Generator Administration Building	50	0	0	0	0	50
with inflation (3%)	50	0	0	0	0	50

Expenditure breakdown: $3,000 design, $47,000 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: 20 years

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

PROJECT DESCRIPTION

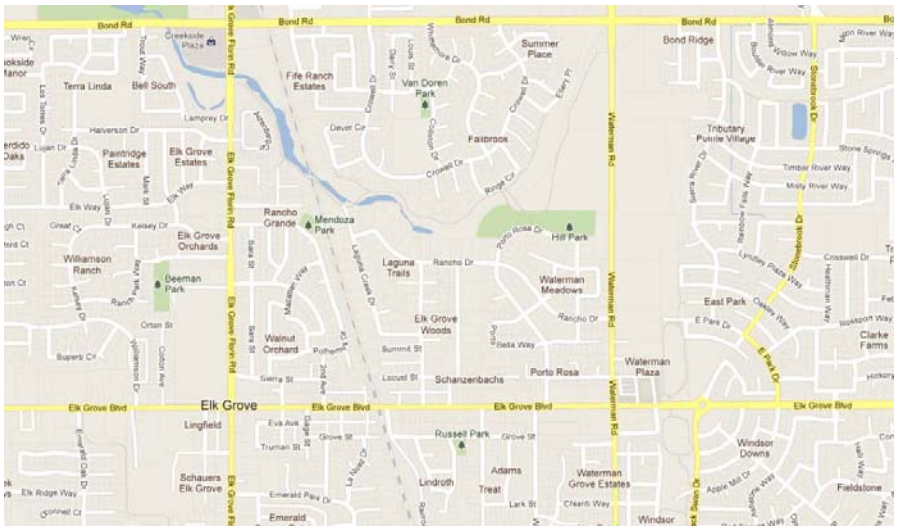
This project provides reserve funds for unforeseen future capital projects.

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.



SCHEDULE & STATUS

Engineering, design, and construction associated with the unforeseen capital projects program are unknown.

EXPENDITURE SCHEDULE
(in thousands $)

	Planned Expenditures					Total
Project	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	
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

This page intentionally left blank.

APPENDIX A – PROJECT LIST BY PRIORITY

Priority	PROJECT NAME	Priority Score
1	Hampton WTP Improvements *pg. 46*	97
1	Chlorine Tank Replacement - ClorTec Room *pg. 44*	94
1	Well Rehabilitation Program (one per year) *pg. 26*	91
1	RRWTF Emergency Access Gate *pg. 60*	85
1	Well 1D Pump Conversion *pg. 28*	82
1	Media Replacement Filter Vessels *pg. 42*	82
1	Well 1D Profiling/Modifications *pg. 48*	82
1	Well 3 Pump Replacement/VFD *pg. 50*	82
1	Well 8 Pump Replacement/VFD *pg. 52*	82
1	RRWTF Modular Meeting Room & I.T. Center *pg. 64*	80
1	Fiber Optic Cable *pg. 66*	80
2	Service Line Replacements *pg. 10*	79
2	RRWTF Tanks & Vessels Recoating *pg. 40*	79
2	Business Center/CSDBldg. Water Main Looping *pg. 34*	76
2	Railroad Corridor Water Line *pg. 30*	74
2	Lark St. Water Main *pg. 24*	73
2	Emergency Generator Administration Building *pg. 72*	72
3	Security Infrastructure *pg. 58*	69
3	Cadura Circle Water Main Looping *pg. 36*	64
3	Mormon Church Water Main Looping *pg. 38*	64
3	Backyard Water Mains/Services Replacement *pg. 32*	63
3	Kent St. Water Main *pg. 12*	62
3	Truman St./Adams St. Water Main *pg. 14*	62
3	School/Locust/Summit Alley Water Main *pg. 16*	62
3	Elk Grove Blvd Grove St. Alley Water Main *pg. 18*	62
3	Locust St.-Elk Grove Blvd Alley/Derr St. Water Main *pg. 20*	62
3	Truck Replacements *pg. 56*	60
4	Elk Grove Blvd Water Main *pg. 22*	56
4	Link Sample Pressure Stations to SCADA *pg. 54*	56
4	HVWTP Roof Replacement *pg. 70*	53
4	Well 1D Gate Improvement *pg. 68*	52
	District Administration Bldg. Improvements *pg. 62*	0

This page intentionally left blank.

APPENDIX B – CIP PRIORITY RANKING CRITERIA SCORE SHEETS

- **FY 2017-2021 WATER SUPPLY / TREATMENT IMPROVEMENT PROJECTS**
  - Service Line Replacements
  - 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
  - Lark St. Water Main
  - Well Rehabilitation Program (one per year)
  - Well 1D Pump Conversion
  - Railroad Corridor Water Line
  - Backyard Water Mains/Services Replacement
  - Business Center/CSD Bldg. Water Main Looping
  - Cadura Circle Water Main Looping
  - Mormon Church Water Main Looping
  - RRWTF Tanks & Vessels Recoating
  - Media Replacement Filter Vessels
  - Chlorine Tank Replacement - ClorTec Room
  - Hampton WTP Improvements
  - Well 1D Profiling/Modifications
  - Well 3 Pump Replacement/VFD
  - Well 8 Pump Replaceement/VFD
  - Link Sample Pressure Stations to SCADA

- **FY 2017-2021 BUILDING & SITE IMPROVEMENT/VEHICLES PROJECTS**
  - Truck Replacements
  - Security Infrastructure
  - RRWTF Emergency Access Gate
  - District Administration Bldg. Improvements
  - RRWTF Modular Meeting Room & I.T. Center
  - Fiber Optic Cable
  - Well 1D Gate Improvement
  - HVWTP Roof Replacement
  - Emergency Generator Administration Building

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 79

Service Line Replacements

RAW SCORE = 64

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = M ; Probability = H — 58.50

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 0.00

[ ] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

Project Name Here Service Line Replacements

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 62

Kent St. Water Main

RAW SCORE = 49

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = H — 41.25

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[ ] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 5.63

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[X] Promotes water use efficiency

[ ] Promotes groundwater basin management

[X] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

Project Name Here Kent St. Water Main

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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

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

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup 4" mains are undersized for fire protection

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets
Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:
High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers. Affects Service Area 1 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.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 62

Truman St./Adams St. Water Main

RAW SCORE = 49

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = H — 41.25

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[ ] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 5.63

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[X] Promotes water use efficiency

[ ] Promotes groundwater basin management

[X] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

Project Name Here: Truman St. / Adams St. Water Main

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

Criterion A: Protecting Existing Assets

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

Impact \ Probability	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

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

Impact:

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

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup 4" mains are undersized for fire protection

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:

High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers. Affects Service Area 1 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.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 62

School/Locust/Summit Alley Water Main

RAW SCORE = 49

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = H — 41.25

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[ ] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 5.63

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[X] Promotes water use efficiency

[ ] Promotes groundwater basin management

[X] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

Project Name Here School/Locust/Summit Alley Water Main

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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

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

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup 4" mains are undersized for fire protection

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets
Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:
High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers. Affects Service Area 1 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.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = **62**

Elk Grove Blvd Grove St. Alley Water Main

RAW SCORE = 49

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = H — 41.25

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[ ] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 5.63

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[X] Promotes water use efficiency

[ ] Promotes groundwater basin management

[X] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

Project Name Here Elk Grove Blvd Grove St. Alley Water Main

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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

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

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup 4" mains are undersized for fire protection

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets
Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:
High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers. Affects Service Area 1 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.

FY 2017-2021 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 [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[ ] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 5.63

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[X] Promotes water use efficiency

[ ] Promotes groundwater basin management

[X] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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 Locust St. - Elk Grove Blvd Alley / Derr St. Main RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

Criterion A: Protecting Existing Assets

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

Impact \ Probability	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

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

Impact:

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

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup 4" mains are undersized for fire protection

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:

High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers. Affects Service Area 1 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.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 56

Elk Grove Blvd. Water Main

RAW SCORE = 45

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = M ; Probability = M — 34.50

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 5.63

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[X] Promotes water use efficiency [X] Promotes energy efficiency or incorporates energy efficient features

[ ] Promotes groundwater basin management

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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 Elk Grove Blvd. Main

RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

Criterion A: Protecting Existing Assets

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

Impact \ Probability	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

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 meters in backyard are ~~inaccessible~~ hate diff to access and fed by an old 4" 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.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 73

Lark St. Water Main

RAW SCORE = 58

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = H — 50.25

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [ ] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 5.63

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[X] Promotes water use efficiency

[ ] Promotes groundwater basin management

[X] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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: Lark St. Water Main

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

Criterion A: Protecting Existing Assets

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

Impact \ Probability	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

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

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

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65% ←

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:

High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers. ← Affects Service Area 1

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency

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

Definition:

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

Project Urgency:

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

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

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

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

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 91

Well Rehabilitation Program (one per year)

RAW SCORE = 73

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = H — 68.25

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[ ] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes energy efficiency or incorporates energy efficient features

[ ] Promotes groundwater basin management

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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 complient w/c DPH req't

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.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 82

Well 1D Pump Conversion

RAW SCORE = 65

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = M — 58.50

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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 1D Pump Conversion

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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. CDPH no longer wants oil-based lube systems due to bacterial problems

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% active

Medium – Possible 35% – 65% ← Well 1D pump is last on in line up and therefore is not often used.

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.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 74

Railroad Corridor Water Line

RAW SCORE = 59

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = M ; Probability = H — 50.25

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 3.75

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[X] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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

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

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup This proj. installs a major T-main between RRWTF & Hampton allowing for much greater redundancy in EGWD distr. system

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets
Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:
High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers. Impacts Service Area 1 primarily

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

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

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

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

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

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

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 63

Backyard Water Mains/Services Replacement

RAW SCORE = 50

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = M ; Probability = M — 41.25

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 3.75

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[X] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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 ← Backyard mains undersized and difficu to access to repairs/leaks. Current configuration has district-owned infrastruc related t front-yar meters o private property

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. ← Impacts areas of Service Area 1

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

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

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

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

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

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

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 76

Business Center/CSD Bldg. Water Main Looping

RAW SCORE = 61

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = M ; Probability = M — 51.75

A [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 [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 [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

[X] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[ ] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[X] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

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

PRIORITY SCORE =

RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

Criterion A: Protecting Existing Assets

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

Impact \ Probability	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

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

Impact:

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

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

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:

High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers.

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency

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

Definition:

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

Project Urgency:

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

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

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

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

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 64

Cadura Circle Water Main Looping

RAW SCORE = 52

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = M ; Probability = M — 42.75

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 3.75

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[X] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

Project Name Here Cadura Circle Water Main Looping

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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

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

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

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets
Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:
High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers.

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

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

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

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

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

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

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 64

Mormon Church Water Main Looping

RAW SCORE = 52

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) — Impact = M ; Probability = M — 42.75

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 3.75

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[X] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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 Mormon Church Water Main Looping RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

Criterion A: Protecting Existing Assets

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

Impact \ Probability	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

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

Impact:

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

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

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:

High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers.

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency

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

Definition:

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

Project Urgency:

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

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

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

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

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 79

RRWTF Tanks & Vessels Recoating

RAW SCORE = 63

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) — Impact = M ; Probability = H — 58.50

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[ ] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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 ← Tank recoating maint. is a necessity to maintain critical 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% ← maint. is req'd.

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. ← Impacts Service Area / 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. for 2 MG storage tanks

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

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

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

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 82

Media Replacement Filter Vessels

RAW SCORE = 65

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = M — 58.50

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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. – water treatment media has a typ. life cycle of 10 yrs. Orig. plt media nearing end of 10 yrs.

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% ← med. probability old media will not adequately treat water in near future

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 / customers.

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

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

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

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

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

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

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 94

Chlorine Tank Replacement - ClorTec Room

RAW SCORE = 75

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = H — 68.25

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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 Chlorine Tank Replacement - Chlorine Room RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

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

Impact \ Probability	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

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. - Chlorine tank shell is failing. This is critical infrastructure to District's mfg of drinking water.

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% ← Failure in time is likely.

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. ← Impacts 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.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 97

Hampton WTP Improvements

RAW SCORE = 78

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = H — 68.25

A [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 [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 [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

[X] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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 Hampton WTP Improvements

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

Criterion A: Protecting Existing Assets

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

Impact \ Probability	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

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. Important project provide redundancy to District's drinking water system.

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

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100% ← Source capacity issues without backup source if RRWTF goes down.

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. ← Impacts 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.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 82

Well 1D Profiling/Modifications

RAW SCORE = 65

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = H — 58.50

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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 ID Profiling / Modification

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fror

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:

Impact \ Probability	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

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 District may be able to improve water quality of Well ID with this proj.

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. Impacts Service Area / customers.

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

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

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

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

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

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

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 82

Well 3 Pump Replacement/VFD

RAW SCORE = 65

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = M — 58.50

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community

[X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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 3 Pump Replacement/VFD

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fror

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:

Impact \ Probability	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

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

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

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup This proj. provides redundancy to District's water system.

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100% ←

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets
Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:
High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers. ← Service Area 1

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

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

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

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

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

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

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 82

Well 8 Pump Replacement/VFD

RAW SCORE = 65

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = M — 58.50

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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 8 Pump Replacement / VFD

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fror

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:

Impact \ Probability	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

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

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

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup this proj. provides redundancy to District's water system.

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

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

Criterion B: Improving Existing Assets
Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:
High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers. Service Area 1

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

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

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

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

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

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

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = **56**

Link Sample Pressure Stations to SCADA

RAW SCORE = 45

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = H ; Probability = H — 37.88

A [L] Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. **(H+, H-, M+, M-, L)**

B [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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: Link Sample Pressure Stations to SCADA

PRIORITY SCORE =
RAW SCORE = 100

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fror

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:

Impact \ Probability	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

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. ← Service Areas 1 & 2

Medium (M) – Provides benefits for 10,000 to 30,000 customers.

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

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

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

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

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

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

FY 2017-2021 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 [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 [M] Project enhances building infrastructure to address treatment of staff or public issues.

C [H] Project positions the District to meet projected future space needs.

CLEANER OBJECTIVE (10%)

Positive Interaction (E 4) - Check all that apply — 2.00

[X] With the Community

[ ] With other agencies

Good Neighbor (E 4) - Check all that apply

[ ] Graffiti removal or Prevention Features

[ ] Trash removal features (vortex weirs)

[ ] Improves esthetics of project location

GREENER OBJECTIVE (15%)

Natural Resources Sustainability (E 3.2) - Check all that apply — 0.00

[ ] Air Quality & Visibility Improvement

[ ] Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)

[ ] Renewable Energy Use

[ ] Water Efficient Features: Plumbing fixtures, Landscaping, etc.

[ ] Recycled Water, rain water or gray water utilized

[ ] Construction Site Waste Management

[ ] Recycle/Re-use Solid Waste

[ ] Reduce Solid Waste Production

[ ] Use of Recycled or Alternative Building Materials

Trails & Open Space (E3.3) - Check all that apply

[ ] Trail friendly features

[ ] Provides/Improves Bicycle Commute Route

[ ] Open Space Protection / Preservation

LEANER OBJECTIVE (15%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] Up to 25% of project costs available from other agencies

BUILDINGS & GROUNDS PROJECTS
Priority Ranking Criteria

PRIORITY SCORE =

Project Name Here *Truck Replacements* 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.

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:

Impact \ Probability	High	Med.	Low
High	H+ 55	H- 44	M+ 33
Med.	H- 44	M+ 33	M- 19.3
Low	M+ 33	M- 19.3	L 5.5

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.

FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 69

Security Infrastructure

RAW SCORE = 55

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = M ; Probability = M — 48.00

A [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 [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 [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

[ ] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

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

Water Supply (E 2) Impact = ; Probability = 75.00 <-- Totals fro

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

Criterion A: Protecting Existing Assets

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

Impact \ Probability	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

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 ← Potential of security threats at shallow wells where no security measures other than locked fenced-in area.

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. ← Potentially impacts all customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers.

Low (L) – Provides benefits for less than 10,000 customers.

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

Criterion C: Project Urgency

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

Definition:

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

Project Urgency:

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

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

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

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

FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 85

RRWTF Emergency Access Gate

RAW SCORE = 68

PRIMARY OBJECTIVE (75%)

Water Supply (E 2) Impact = M ; Probability = M — 58.50

A [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 [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 [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

[X] Promotes Emergency Recovery

Positive Interaction (E 4) - Check all that apply

[X] With the Community [X] With other agencies

ENVIRONMENTAL FACTORS (7.5%)

Water Quality (E 3.2) - Check if applicable — 1.88

[X] Promotes drinking water quality

Natural Resources Sustainability (E 3.2) - Check all that apply

[ ] Promotes water use efficiency

[ ] Promotes groundwater basin management

[ ] Promotes energy efficiency or incorporates energy efficient features

ECONOMIC FACTORS (10%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] 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

Project Name Here RRWTF Emergency Access Gate

PRIORITY SCORE =
RAW SCORE = 100

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

Buildings and Grounds (EL 3.4) Impact = ; Probability = 60.00

Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.

Criterion A: Protect Existing Assets

Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

Impact \ Probability	High	Med.	Low
High	H+ 55	H- 44	M+ 33
Med.	H- 44	M+ 33	M- 19.3
Low	M+ 33	M- 19.3	L 5.5

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

Emergency based project

Medium – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds.

Low – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

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

Criterion B: Enhancement of Existing Assets

Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".

Definition:

Project enhances building infrastructure to address treatment of staff issues.

Effect of Project Impact:

High (H) – Provides benefits for all employees or the public.

Medium (M) – Provides benefits for between 10 to all employees.

Low (L) – Provides benefits for below 10 employees.

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

Criterion C: Addressing Future Space Needs

Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".

Definition:

Project positions the District to meet projected future space needs.

Effect of Project Impact:

High (H) – Meet projected demand 10 years in the future.

Medium (M) – Meet projected demand 10 to 20 years in the future.

Low (L) – Meet projected demand beyond 20 years in the future.

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

FY 2017-2021 BUILDING & SITE / VEHCILES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 0

District Administration Bldg. Improvements

RAW SCORE = 0

PRIMARY OBJECTIVE (60%)

Buildings and Grounds (EL 3.4) Impact = H ; Probability = M — 0.00

- A ☐ 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 ☐ Project enhances building infrastructure to address treatment of staff or public issues.
- C ☐ Project positions the District to meet projected future space needs.

CLEANER OBJECTIVE (10%)

Positive Interaction (E 4) - Check all that apply — 0.00

- ☐ With the Community
- ☐ With other agencies

Good Neighbor (E 4) - Check all that apply

- ☐ Graffiti removal or Prevention Features
- ☐ Trash removal features (vortex weirs)
- ☐ Improves esthetics of project location

GREENER OBJECTIVE (15%)

Natural Resources Sustainability (E 3.2) - Check all that apply — 0.00

- ☐ Air Quality & Visibility Improvement
- ☐ Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)
- ☐ Renewable Energy Use
- ☐ Water Efficient Features: Plumbing fixtures, Landscaping, etc.
- ☐ Recycled Water, rain water or gray water utilized
- ☐ Construction Site Waste Management
- ☐ Recycle/Re-use Solid Waste
- ☐ Reduce Solid Waste Production
- ☐ Use of Recycled or Alternative Building Materials

Trails & Open Space (E3.3) - Check all that apply

- ☐ Trail friendly features
- ☐ Provides/Improves Bicycle Commute Route
- ☐ Open Space Protection / Preservation

LEANER OBJECTIVE (15%)

Lifecycle costs are minimized - Check One — 0.00

- ☐ Annual cost savings of more than $50,000
- ☐ Annual cost savings of $10,000 to $50,000
- ☐ Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

- ☐ Over 50% of project costs available from other agencies
- ☐ 26% to 50% of project costs available from other agencies
- ☐ Up to 25% of project costs available from other agencies

FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 80

RRWTF Modular Meeting Room & I.T. Center

RAW SCORE = 64

PRIMARY OBJECTIVE (60%)

Buildings and Grounds (EL 3.4) Impact = M ; Probability = M — 60.00

A	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	H	Project enhances building infrastructure to address treatment of staff or public issues.
C	H	Project positions the District to meet projected future space needs.

CLEANER OBJECTIVE (10%)

Positive Interaction (E 4) - Check all that apply — 4.00

- [X] With the Community
- [X] With other agencies

Good Neighbor (E 4) - Check all that apply

- [ ] Graffiti removal or Prevention Features
- [ ] Trash removal features (vortex weirs)
- [ ] Improves esthetics of project location

GREENER OBJECTIVE (15%)

Natural Resources Sustainability (E 3.2) - Check all that apply — 0.00

- [ ] Air Quality & Visibility Improvement
- [ ] Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)
- [ ] Renewable Energy Use
- [ ] Water Efficient Features: Plumbing fixtures, Landscaping, etc.
- [ ] Recycled Water, rain water or gray water utilized
- [ ] Construction Site Waste Management
- [ ] Recycle/Re-use Solid Waste
- [ ] Reduce Solid Waste Production
- [ ] Use of Recycled or Alternative Building Materials

Trails & Open Space (E3.3) - Check all that apply

- [ ] Trail friendly features
- [ ] Provides/Improves Bicycle Commute Route
- [ ] Open Space Protection / Preservation

LEANER OBJECTIVE (15%)

Lifecycle costs are minimized - Check One — 0.00

- [ ] Annual cost savings of more than $50,000
- [ ] Annual cost savings of $10,000 to $50,000
- [ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

- [ ] Over 50% of project costs available from other agencies
- [ ] 26% to 50% of project costs available from other agencies
- [ ] 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 & 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:

Impact \ Probability	High	Med.	Low
High	H+ 55	H- 44	M+ 33
Med.	H- 44	M+ 33	M- 19.3
Low	M+ 33	M- 19.3	L 5.5

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 operation more efficient. Additionally, field crews currently use the District's Admin Bldg. conf. room for training sessions which is undersized for this 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 Grove Blvd. which is busy and w/o a crosswalk near this location to reach their destination.

Medium – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds.

Low – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Enhancement of Existing Assets

Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".

Definition:

Project enhances building infrastructure to address treatment of staff issues.

Effect of Project Impact:

High (H) – Provides benefits for all employees or the public.

Medium (M) – Provides benefits for between 10 to all employees.

Low (L) – Provides benefits for below 10 employees.

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

Criterion C: Addressing Future Space Needs

Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".

Definition:

Project positions the District to meet projected future space needs.

Effect of Project Impact:

High (H) – Meet projected demand 10 years in the future.

Medium (M) – Meet projected demand 10 to 20 years in the future.

Low (L) – Meet projected demand beyond 20 years in the future.

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

FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 80

Fiber Optic Cable

RAW SCORE = 64

PRIMARY OBJECTIVE (60%)

Buildings and Grounds (EL 3.4) — Impact = M ; Probability = H — 60.00

A	[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	[H]	Project enhances building infrastructure to address treatment of staff or public issues.
C	[H]	Project positions the District to meet projected future space needs.

CLEANER OBJECTIVE (10%)

Positive Interaction (E 4) - Check all that apply — 4.00

- [X] With the Community
- [X] With other agencies

Good Neighbor (E 4) - Check all that apply

- [ ] Graffiti removal or Prevention Features
- [ ] Trash removal features (vortex weirs)
- [ ] Improves esthetics of project location

GREENER OBJECTIVE (15%)

Natural Resources Sustainability (E 3.2) - Check all that apply — 0.00

- [ ] Air Quality & Visibility Improvement
- [ ] Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)
- [ ] Renewable Energy Use
- [ ] Water Efficient Features: Plumbing fixtures, Landscaping, etc.
- [ ] Recycled Water, rain water or gray water utilized
- [ ] Construction Site Waste Management
- [ ] Recycle/Re-use Solid Waste
- [ ] Reduce Solid Waste Production
- [ ] Use of Recycled or Alternative Building Materials

Trails & Open Space (E3.3) - Check all that apply

- [ ] Trail friendly features
- [ ] Provides/Improves Bicycle Commute Route
- [ ] Open Space Protection / Preservation

LEANER OBJECTIVE (15%)

Lifecycle costs are minimized - Check One — 0.00

- [ ] Annual cost savings of more than $50,000
- [ ] Annual cost savings of $10,000 to $50,000
- [ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

- [ ] Over 50% of project costs available from other agencies
- [ ] 26% to 50% of project costs available from other agencies
- [ ] Up to 25% of project costs available from other agencies

BUILDINGS & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

Project Name Here Fiber Optic Cable

PRIORITY SCORE =
RAW SCORE = 100

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

Buildings and Grounds (EL 3.4) Impact = ; Probability = 60.00

Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.

Criterion A: Protect Existing Assets

Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

Impact \ Probability	High	Med.	Low
High	H+ 55	H- 44	M+ 33
Med.	H- 44	M+ 33	M- 19.3
Low	M+ 33	M- 19.3	L 5.5

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
This proj. is necessary to construct the RRWTF Modular Mtg Room + I.T. center. Refer to that ranking sht.

Medium – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds.

Low – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

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

Criterion B: Enhancement of Existing Assets

Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".

Definition:

Project enhances building infrastructure to address treatment of staff issues.

Effect of Project Impact:

High (H) – Provides benefits for all employees or the public.

Medium (M) – Provides benefits for between 10 to all employees.

Low (L) – Provides benefits for below 10 employees.

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

Criterion C: Addressing Future Space Needs

Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".

Definition:

Project positions the District to meet projected future space needs.

Effect of Project Impact:

High (H) – Meet projected demand 10 years in the future.

Medium (M) – Meet projected demand 10 to 20 years in the future.

Low (L) – Meet projected demand beyond 20 years in the future.

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

FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 52

Well 1D Gate Improvement

RAW SCORE = 41

PRIMARY OBJECTIVE (60%)

Buildings and Grounds (EL 3.4) Impact = L ; Probability = L — 35.40

A [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 [H-] Project enhances building infrastructure to address treatment of staff or public issues.

C [H] Project positions the District to meet projected future space needs.

CLEANER OBJECTIVE (10%)

Positive Interaction (E 4) - Check all that apply — 6.00

[X] With the Community

[X] With other agencies

Good Neighbor (E 4) - Check all that apply

[ ] Graffiti removal or Prevention Features

[ ] Trash removal features (vortex weirs)

[X] Improves esthetics of project location

GREENER OBJECTIVE (15%)

Natural Resources Sustainability (E 3.2) - Check all that apply — 0.00

[ ] Air Quality & Visibility Improvement

[ ] Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)

[ ] Renewable Energy Use

[ ] Water Efficient Features: Plumbing fixtures, Landscaping, etc.

[ ] Recycled Water, rain water or gray water utilized

[ ] Construction Site Waste Management

[ ] Recycle/Re-use Solid Waste

[ ] Reduce Solid Waste Production

[ ] Use of Recycled or Alternative Building Materials

Trails & Open Space (E3.3) - Check all that apply

[ ] Trail friendly features

[ ] Provides/Improves Bicycle Commute Route

[ ] Open Space Protection / Preservation

LEANER OBJECTIVE (15%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] Up to 25% of project costs available from other agencies

BUILDINGS & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

Project Name Here Well ID Gate Improvement

PRIORITY SCORE =
RAW SCORE = 100

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

Buildings and Grounds (EL 3.4) Impact = ; Probability = 60.00

Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.

Criterion A: Protect Existing Assets

Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

Impact \ Probability	High	Med.	Low
High	H+ 55	H- 44	M+ 33
Med.	H- 44	M+ 33	M- 19.3
Low	M+ 33	M- 19.3	L 5.5

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

Impact:

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

Medium – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds. Ex. gate broken making truck access difficult.

Low – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

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

Criterion B: Enhancement of Existing Assets

Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".

Definition:

Project enhances building infrastructure to address treatment of staff issues.

Effect of Project Impact:

High (H) – Provides benefits for all employees or the public. Access difficulty in event of emergency could impact public

Medium (M) – Provides benefits for between 10 to all employees.

Low (L) – Provides benefits for below 10 employees.

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

Criterion C: Addressing Future Space Needs

Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".

Definition:

Project positions the District to meet projected future space needs.

Effect of Project Impact:

High (H) – Meet projected demand 10 years in the future.

Medium (M) – Meet projected demand 10 to 20 years in the future.

Low (L) – Meet projected demand beyond 20 years in the future.

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

FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 53

HVWTP Roof Replacement

RAW SCORE = 43

PRIMARY OBJECTIVE (60%)

Buildings and Grounds (EL 3.4) Impact = M ; Probability = H — 38.58

A [M-] Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer or public safety standards.

B [H] Project enhances building infrastructure to address treatment of staff or public issues.

C [H] Project positions the District to meet projected future space needs.

CLEANER OBJECTIVE (10%)

Positive Interaction (E 4) - Check all that apply — 4.00

[X] With the Community

[ ] With other agencies

Good Neighbor (E 4) - Check all that apply

[ ] Graffiti removal or Prevention Features

[ ] Trash removal features (vortex weirs)

[X] Improves esthetics of project location

GREENER OBJECTIVE (15%)

Natural Resources Sustainability (E 3.2) - Check all that apply — 0.00

[ ] Air Quality & Visibility Improvement

[ ] Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)

[ ] Renewable Energy Use

[ ] Water Efficient Features: Plumbing fixtures, Landscaping, etc.

[ ] Recycled Water, rain water or gray water utilized

[ ] Construction Site Waste Management

[ ] Recycle/Re-use Solid Waste

[ ] Reduce Solid Waste Production

[ ] Use of Recycled or Alternative Building Materials

Trails & Open Space (E3.3) - Check all that apply

[ ] Trail friendly features

[ ] Provides/Improves Bicycle Commute Route

[ ] Open Space Protection / Preservation

LEANER OBJECTIVE (15%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] Up to 25% of project costs available from other agencies

BUILDINGS & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

Project Name Here HVWTP Roof Replacement

PRIORITY SCORE =
RAW SCORE = 100

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

Buildings and Grounds (EL 3.4) Impact = ; Probability = 60.00

Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.

Criterion A: Protect Existing Assets

Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

Impact \ Probability	High	Med.	Low
High	H+ 55	H- 44	M+ 33
Med.	H- 44	M+ 33	M- 19.3
Low	M+ 33	M- 19.3	L 5.5

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

Impact:

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

Medium – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds.

Low – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

[H+] Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Enhancement of Existing Assets

Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".

Definition:

Project enhances building infrastructure to address treatment of staff issues.

Effect of Project Impact:

High (H) – Provides benefits for all employees or the public.

Medium (M) – Provides benefits for between 10 to all employees.

Low (L) – Provides benefits for below 10 employees.

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

Criterion C: Addressing Future Space Needs

Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".

Definition:

Project positions the District to meet projected future space needs.

Effect of Project Impact:

High (H) – Meet projected demand 10 years in the future.

Medium (M) – Meet projected demand 10 to 20 years in the future.

Low (L) – Meet projected demand beyond 20 years in the future.

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

FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 72

Emergency Generator Administration Building

RAW SCORE = 57

PRIMARY OBJECTIVE (60%)

Buildings and Grounds (EL 3.4) — Impact = M ; Probability = H — 53.40

A [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 [H] Project enhances building infrastructure to address treatment of staff or public issues.

C [H] Project positions the District to meet projected future space needs.

CLEANER OBJECTIVE (10%)

Positive Interaction (E 4) - Check all that apply — 4.00

[X] With the Community

[X] With other agencies

Good Neighbor (E 4) - Check all that apply

[ ] Graffiti removal or Prevention Features

[ ] Trash removal features (vortex weirs)

[ ] Improves esthetics of project location

GREENER OBJECTIVE (15%)

Natural Resources Sustainability (E 3.2) - Check all that apply — 0.00

[ ] Air Quality & Visibility Improvement

[ ] Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)

[ ] Renewable Energy Use

[ ] Water Efficient Features: Plumbing fixtures, Landscaping, etc.

[ ] Recycled Water, rain water or gray water utilized

[ ] Construction Site Waste Management

[ ] Recycle/Re-use Solid Waste

[ ] Reduce Solid Waste Production

[ ] Use of Recycled or Alternative Building Materials

Trails & Open Space (E3.3) - Check all that apply

[ ] Trail friendly features

[ ] Provides/Improves Bicycle Commute Route

[ ] Open Space Protection / Preservation

LEANER OBJECTIVE (15%)

Lifecycle costs are minimized - Check One — 0.00

[ ] Annual cost savings of more than $50,000

[ ] Annual cost savings of $10,000 to $50,000

[ ] Annual cost savings of less than $10,000

Funding Available from Other Agencies - Check One

[ ] Over 50% of project costs available from other agencies

[ ] 26% to 50% of project costs available from other agencies

[ ] Up to 25% of project costs available from other agencies

BUILDINGS & SITE / VEHICLES PROJECTS
Priority Ranking Criteria

PRIORITY SCORE =

Project Name Here Emergency Generator Administration Building — RAW SCORE = 100

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

Buildings and Grounds (EL 3.4) — Impact = ; Probability = — 60.00

Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.

Criterion A: Protect Existing Assets

Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

Impact \ Probability	High	Med.	Low
High	H+ 55	H- 44	M+ 33
Med.	H- 44	M+ 33	M- 19.3
Low	M+ 33	M- 19.3	L 5.5

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 in event of a power outage

Medium – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds.

Low – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

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

Criterion B: Enhancement of Existing Assets

Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".

Definition:

Project enhances building infrastructure to address treatment of staff issues.

Effect of Project Impact:

High (H) – Provides benefits for all employees or the public.

Medium (M) – Provides benefits for between 10 to all employees.

Low (L) – Provides benefits for below 10 employees.

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

Criterion C: Addressing Future Space Needs

Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".

Definition:

Project positions the District to meet projected future space needs.

Effect of Project Impact:

High (H) – Meet projected demand 10 years in the future.

Medium (M) – Meet projected demand 10 to 20 years in the future.

Low (L) – Meet projected demand beyond 20 years in the future.

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

June 8, 2016

TO: Finance Committee of the Florin Resource Conservation District

FROM: Jim Malberg, Finance Manager/Treasurer

SUBJECT: **DRAFT FISCAL YEAR 2016-17 ELK GROVE WATER DISTRICT OPERATING BUDGET**

RECOMMENDATION

Review and discuss the draft Fiscal Year 2016-17 Elk Grove Water District Operating Budget and provide direction to staff.

Summary

Each year staff develops the draft operating budget of estimated revenues and expenditures and presents the document to the Finance Committee. Following the presentation and discussion, staff generally makes revisions and brings the revised document back before the Finance Committee at a subsequent meeting(s) for further discussion prior to the advancing to the Board of Directors for adoption.

DISCUSSION

Background

The Finance Committee met on May 11, 2016 to discuss the draft Fiscal Year 2016-17 (FY 2016-17) Elk Grove Water District (EGWD) Operating Budget.

Present Situation

As more information has been gathered, the following changes have been made to the FY 2016-17 EGWD draft operating budget since the May 11th meeting.

- Operating Revenue: Increased $206,098
  - Residential: $133,232
  - Commercial: $ 36,929
  - Fire Service: $35,937

- Salaries & Benefits: Increased $12,931
  - Full contracted amount of GM salary shown in EGWD, offset by transfer from FRCD for 10% of salary & benefits.
  - FY 2016-17 COLA is 1.30%

- OPEB payment reduced by $59,400

- Office & Operational: Increased $5,654
  - Telephone decreased by $24,346
  - Water Conservation Materials increased $30,000

- Purchased Water: Increased $127,076

- Outside Services: Increased $114,000
  - IT Security Audit carry-over
  - Safety consultant

- Equipment Rent, Taxes, & Utilities: Increased $12,313
  - Electricity

- Non-operating Revenue / Expenses: Decreased $26,566
  - Reflect transfer of 10% of GM Salary & Benefits

STRATEGIC PLAN CONFORMITY

Development and ultimately adopting the FY 2016-17 EGWD Operating Budget is in keeping with the Strategic Plan goals for financial performance.

FINANCIAL SUMMARY

There is no financial impact at this time.

Respectfully submitted,

JIM MALBERG
FINANCE MANAGER/TREASURER

JM

Attachments

Attachment 1

Elk Grove Water District

Fiscal Year 2016-17

Operating Budget

To: Florin Resource Conservation District Board of Directors

From: Mark J. Madison, General Manager

Date: June 22, 2016

Subject: **ELK GROVE WATER DISTRICT FY 2016-17 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, 2016. 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 (2015-16) in controlling costs to maintain financial stability. This was difficult because EGWD revenues fell short by approximately $312,000 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 $896,000 higher than the projection in the EGWD FY 2015-16 Operating Budget. The primary cost savings were achieved in purchased water and careful monitoring of expenditures throughout the year.

Office and Operational costs during FY 2015-16 were down by approximately $327,000 and this is largely due to reduced costs in Materials as well as Repairs & Maintenance and Fuel.

Expenditures for purchased water are projected to be approximately $640,000 under budget. This savings is derived from the avoided cost of purchased water from Sacramento County and reduced demands through enhanced water conservation.

The proposed FY 2016-17 budget is balanced and revenues are projected to exceed expenditures by approximately $35,000. Revenues are projected to remain stable in FY 2016-17, with a mid-year increase in water rates consistent with the 2013 Water Rate

Study 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. The water sales projection is slightly higher than in FY 2015-16 as the State begins to relax mandatory water conservation measures.

EGWD expenditures were reduced to the maximum extent possible in FY 2015-16 and to a level, which nearly matched forecasted revenues. While the majority of FY 2016-17 budgeted expenditures remained consistent with FY 2015-16, there were increases in Salaries & Benefits. Some of the increases were to non-discretionary items such as medical and retirement costs while others increased due to the reorganization and reclassification of positions in FY 2015-16. The proposed FY 2016-17 Operating Budget also reflects a 1.3% cost-of-living adjustment applied to salaries and related benefits.

Certain expenditures are expected to inflate, and the notable examples include medical costs (up 13.04%) and retirement (up 25.93%). It should be noted that a primary driver behind these increases is due to the reorganization and reclassification of positions in FY 2015-16. The Employee Cost Control Program (ECCP) continues to stabilize retirement and health care costs.

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 2016-17 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 $2,548,000 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 2016-17.

In summary, the Elk Grove Water District will continue to maintain financial discipline during FY 2016-17 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

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.

TABLE OF CONTENTS

BUDGET HIGHLIGHTS

FISCAL YEAR 2016-17

The Elk Grove Water District (EGWD) budget for fiscal year (FY) 2016-17 projects total operating revenues of approximately $13.746 million and total expenditures of approximately $13.704 million including Capital Improvement and Capital Repair & Replacement Reserve contributions of approximately $1.7 million. The projected revenues in excess of expenditures are approximately $40,907 which staff is recommending to be contributed to reserves. This budget includes a revenue adjustment of 3.5% starting in January, 2017.

Despite many non-discretionary cost increases, staff undertook exhaustive efforts to find cost reductions as well as minimize increases and these are reflected in the proposed FY 2016-17 budget. The proposed budget has an increase in total operating expenditures by $569,151 (6.48%) from the adopted budget for FY 2015-16. The major highlights are listed below and comparisons made are against the budgeted amounts for FY 2015-16.

- This budget includes a revenue adjustment of 3.5% beginning in January, 2017. 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 that are currently vacant will be filled during FY 2016-17; the Program Manager, Associate Civil Engineer and Administrative Assistant II.

- The Total Salaries and Benefit budgeted costs will increase by $523,581 (14.54%).

    - Salary costs will increase by a proposed 1.30% cost of living adjustment. While this year's budget includes $117,743 for Holiday Pay, $115,933 for vacation pay and $81,213 for personal time off pay, with reductions being made to reflect the Exempt and Non-Exempt Salaries by like amounts. In order to improve transparency no such allocation is made to the General Manager's salary which caused an increase of 34.90%.
    - Total benefits costs will increase $178,287 (15.70%). Medical Benefits are increasing by $81,213 (13.04%), Dental/Vision/Life Insurance is increasing by $11,158 (19.29%), Retirement Benefit costs are increasing by $77,166 (25.93%), and Worker's Compensation costs are increasing by $14,598 (14.89%).

  - Education Assistance will decrease by $9,000 (-50.00%) based on prior years actual expenditures for employees pursuing job-related education that will enhance their skills and abilities.

- Seminars, Conventions and Travel will remain relatively flat with an overall increase of $420 (0.95%).

- Total Office and Operational Costs will increase by $30,895 (3.11%).

  - Advertising is increasing by $29,300 (472.58%) primarily due to increased public outreach.
  - Repair and Maintenance – Automotive is decreasing by $12,500 (31.02%) due decreased costs as vehicles have been replaced.
  - Repair and Maintenance – Equipment is decreasing by $44,650 (41.34%) due to decreased costs experienced in the current fiscal year.
  - Fuel is decreasing by $12,000 (18.87%) due to decreased 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 an additional $116,000 (56.31%).
  - Chemicals are increasing by $103,000 in anticipation of bringing the Hampton Village Water Treatment Plant back on line.
  - Meter Repairs are increasing an additional $3,000 as this is a relatively new cost now that EGWD is fully metered.
  - Permits are increasing $45,180 (114.03%) due to new fees related to Sacramento Groundwater Management Authority.
  - Postage costs are increasing by $13,100 (22.09%) due to increased costs anticipated with increased public outreach.
  - Safety Equipment is increasing by $8,150 (68.20%) as EGWD's continues to enhance its safety program.
  - Software Programs & Updates is decreasing $13,817 (12.71%) due to decreased costs in Operations.
  - Tool costs are increasing by $7,171 (134.57%) based on anticipated increased costs in Operations.

- Purchased Water will increase by $31,025 (1.07%) due to increased consumption as mandatory drought related conservation efforts have been reduced by the State. Variable rate charges by the Sacramento County Water Agency (SCWA) are anticipated to remain relatively flat at $1.18 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 increased by $41,818 (0.35%). The primary increases are:

  - Bank Charges will increase by $33,600 (53.85%) due to changes implemented to the investment of District cash and an increase in the number of customers utilizing credit cards to make payment to the District.
  - Contracted Services will increase $39,000 for safety consultant related costs.
  - Water Conservation Services is a new category added in FY 2015-16 and will increase $12,500 (62.50%) based on costs realized in the current fiscal year.
  - Engineering costs will decrease by $30,000 (37.50%) based on costs realized in the current fiscal year.
  - Sampling will decrease by $10,647 (23.32%) primarily due to decreased requirements in FY 2016-17.
  - Board Secretary/Treasurer has been eliminated and will decrease by $3,000 (100.00%) as a result of the approval of the Human Resources Administrator position.

- Equipment Rent, Taxes and Utility costs will decrease $58,587 (13.21%) as a result of decreased equipment rental costs and utility costs primarily electricity.

- Capital Improvement Funding includes contributions to the Repair & Replacement Reserve as well as the Long-Term Capital Improvement Reserve for a total of $1,700,000 which is an increase of $150,000 (9.68%).

- Bond retirement and related interest expenses will decrease by $467,340 (21.00%) due to the refinancing of debt in FY 2014-15 and again in FY 2015-16. The overall budget savings for FY 2016-17 is approximately $786,713 when compared to the original debt service schedule. In FY 2017-18 through FY 2032-33, at which point the debt will be retired, annual debt service will level out at approximately $3.9 with average annual savings of $194,000.

- There is also an increase of $108,000 in the budget for election costs.

- This budget anticipates capitalizing $528,352 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 – 1.54 (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 2016-17.

- Staff has determined that Grants or Special Funding are not currently 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 election costs are 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 30 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 – 3.5%
- January 1, 2018 – 4.5%

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 and $16.4 million in June 2016 to provide an average annual savings of $194,000 over the remaining term of the debt. It should be noted that the District contributed $1.5 million of reserve funds in order to reduce the remaining term of the debt by 13 years and maintain annual debt service savings on the refunded bonds. This will assist in mitigating future revenue adjustments. It is anticipated that the next five-year rate study will be conducted in FY 2018-19.

Staff conducts a review of the expenditures and revenues on an annual basis to see if the scheduled rates can be mitigated if possible. The current review of the annual and projected expenses reflects that the scheduled revenue adjustment for January 1, 2017 of 3.5% should be reflected in the FY 2016-17.

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 2016-17 FINANCIAL ACTIVITIES

April 18, 2016	Initiate Audit of the FY 2015-16 Financial Statements
June 22, 2016	Present Proposed 2016-17 Budget to the Board for approval
Mid-September, 2016	Complete the FY 2015-16 Financial Statements
Late September, 2016	Complete the FY 2015-16 Audit Report
October 26, 2016	Submit the FY 2015-16 Audit to the Board for approval
October 26, 2016	Present to the Board the FY 2016-17 1st Quarter Financial Report
January 1, 2017	Implement the 4th year revenue adjustment associated with the 2013 Water Rate Study and associated rate ordinance
January 25, 2017	Present to the Board the FY 2016-17 2nd Quarter Financial Report
March, 2017	Conduct additional rate modeling to determine the necessity of the 5th year revenue adjustment as prescribed in the 2013 Water Rate Study
March 22, 2017	Present to the Board the results of the water rate modeling effort
April 1, 2017	Initiate preparation of the FY 2017-18 Operations and Capital Improvement Program Budgets
April 26, 2017	Present to the Board the FY 2016-17 3rd Quarter Financial Report
Early May, 2017	Conduct 1st budget workshop with the Finance Committee
Early June, 2017	Conduct 2nd budget workshop with the Finance Committee
June 28, 2017	Present Proposed 2017-18 Budget to the Board for approval

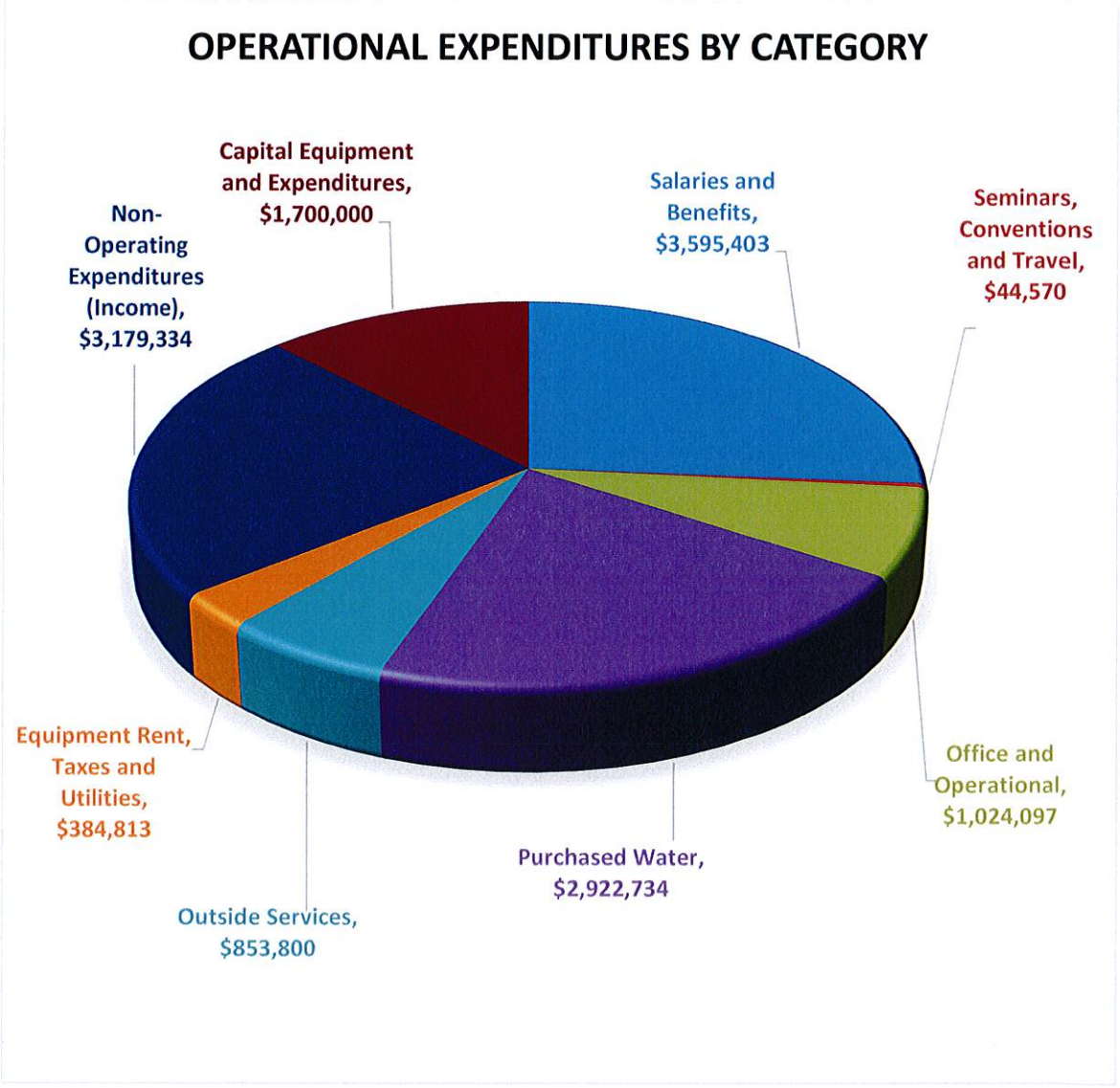
Elk Grove Water District
Budgeted Revenues and Expenditures by Category
For the Fiscal Year ending June 30, 2017

Expenditure	Page Reference	General Ledger Reference	FY 13-14 Actual	FY14-15 Actual	FY15-16 Budget	FY15-16 Projected	FY16-17 Budget	Change in Budget
Revenues	Page 18	4100 - 4900	$ 13,435,194	$ 13,185,839	$ 13,385,949	$ 13,074,100	$ 13,745,658	$ 359,709
Salaries and Benefits	Page 21	5100 - 5280	2,829,645	3,196,675	$ 3,600,175	$ 3,646,423	4,123,755	$ 523,581
Seminars, Conventions and Travel	Page 24	5300 - 5375	18,650	26,659	44,150	41,700	44,570	$ 420
Office and Operational	Page 26	5410 - 5494	786,482	1,025,927	993,202	666,350	1,024,097	$ 30,895
Purchased Water	Page 26	5495 - 5495	2,656,509	2,587,097	2,891,709	2,252,217	2,922,734	$ 31,025
Outside Services	Page 29	5505 - 5580	482,614	753,921	811,983	600,193	853,800	$ 41,818
Equipment Rent, Taxes and Utilities	Page 29	5620 - 5760	394,788	339,590	443,400	285,104	384,813	$ (58,587)
Subtotal Operational Expenditures			7,168,688	7,929,869	8,784,618	7,491,986	9,353,769	$ 569,151
Less: Capitalized Expenditures*	Pages 21 & 26		(538,181)	(470,098)	(509,238)	(509,238)	(528,352)	$ (19,114)
Total Operational Expenses			6,630,507	7,459,771	8,275,380	6,982,749	8,825,417	$ 550,037
Non-Operating Expenditures (Income)	Page 32	5810 - 9973	6,016,040	4,222,899	3,560,569	3,645,069	3,179,334	$ (381,235)
Capital Equipment and Expenditures	Page 32	1705 - 1760	131,290	-	1,550,000	1,550,000	1,700,000	$ 150,000
Total Net Expenditures			12,777,837	11,682,670	13,385,949	12,177,817	13,704,751	$ 318,801
Revenues In Excess of Expenditures, Principal Retirement and Capital Expenses			$ 657,357	$ 1,503,169	$ (0)	$ 896,283	$ 40,907	$ 40,907

* This represents 70% of Salary, Benefits and Material Costs of the Utility Division which will be charged to the Capital Improvement Program

Required	Ratio
1.15	1.54
Net Income	$ 4,920,241
Debt Service	$ 3,197,900

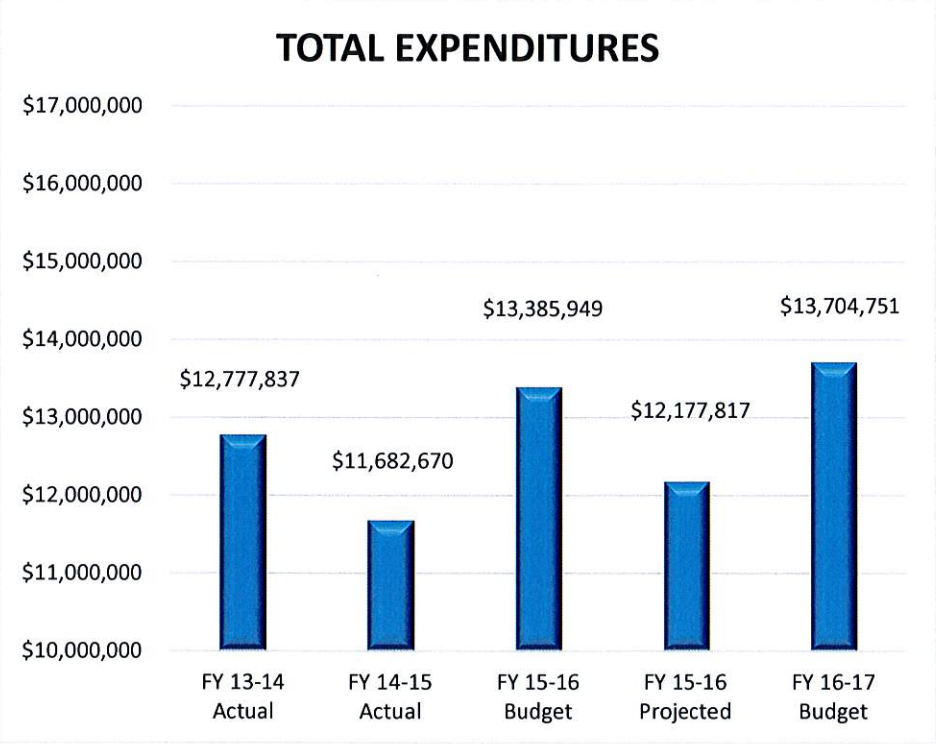
TOTAL NET EXPENDITURES $13,704,751



The Total Net Expenditures are net of capitalized expenses of $528,352 for the labor costs associated with the capital projects constructed by the Distribution and Utility Departments.

TOTAL NET EXPENDITURES

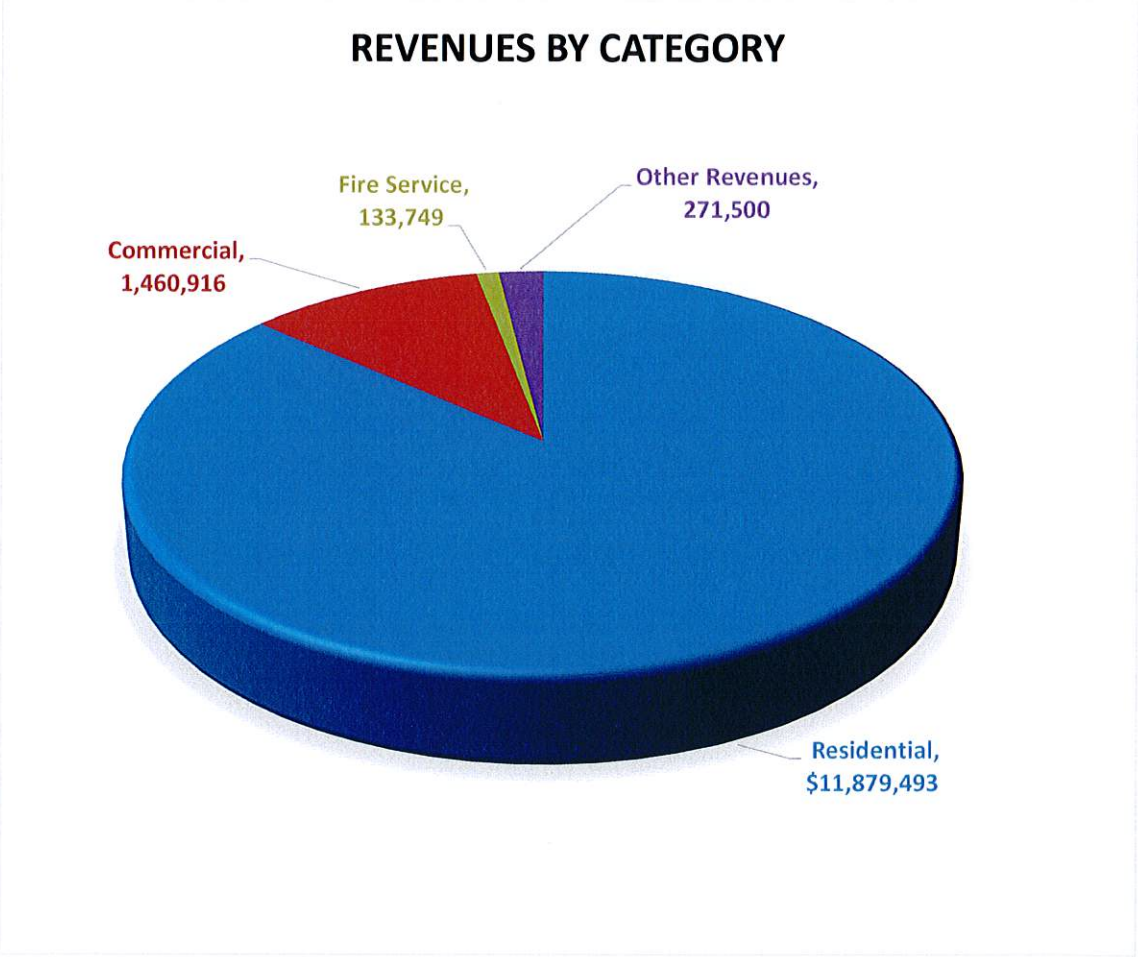
FISCAL YEARS 2013-14 THROUGH 2016-2017



Elk Grove Water District
Budgeted Revenue Accounts Detail
For the Fiscal Year ending June 30, 2017

Account#	Description	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected	FY 16-17 Requested Budget
4100	Water Payment Revenues - Residential	$ 11,166,355	$ 11,248,017	$ 11,461,456	$ 11,124,437	$ 11,929,493
4110	Water Payment Revenues - Commercial	1,715,300	1,590,139	1,528,307	$ 1,442,208	1,460,916
4120	Water Payment Revenues - Fire Service	262,293	126,084	126,686	129,390	133,749
4200	Meter Fees/Plan Check/Water Capacity	68,128	29,346	26,000	147,786	30,000
4300	Backflow Install EGWD	14,138	70,456	75,000	54,799	50,000
4520	Door Hanger Fees	121,300	121,950	130,000	112,200	112,000
4540	New Account Fees	28,530	24,330	25,000	24,200	24,000
4550	NSF Fees	3,465	2,975	3,000	2,520	2,500
4570	Shut-off Fees	67,597	60,500	64,000	43,100	45,000
4580	Credit Card Fees	7,470	5,505	6,500	8,167	8,000
4700	Rental Income	1,823	-	-	-	0
4900	Customer Refunds	(21,205)	(93,464)	(60,000)	(14,706)	(50,000)
	Total Revenues	$ 13,435,194	$ 13,185,839	$ 13,385,949	$ 13,074,100	$ 13,745,658

TOTAL REVENUES BY CATEGORY

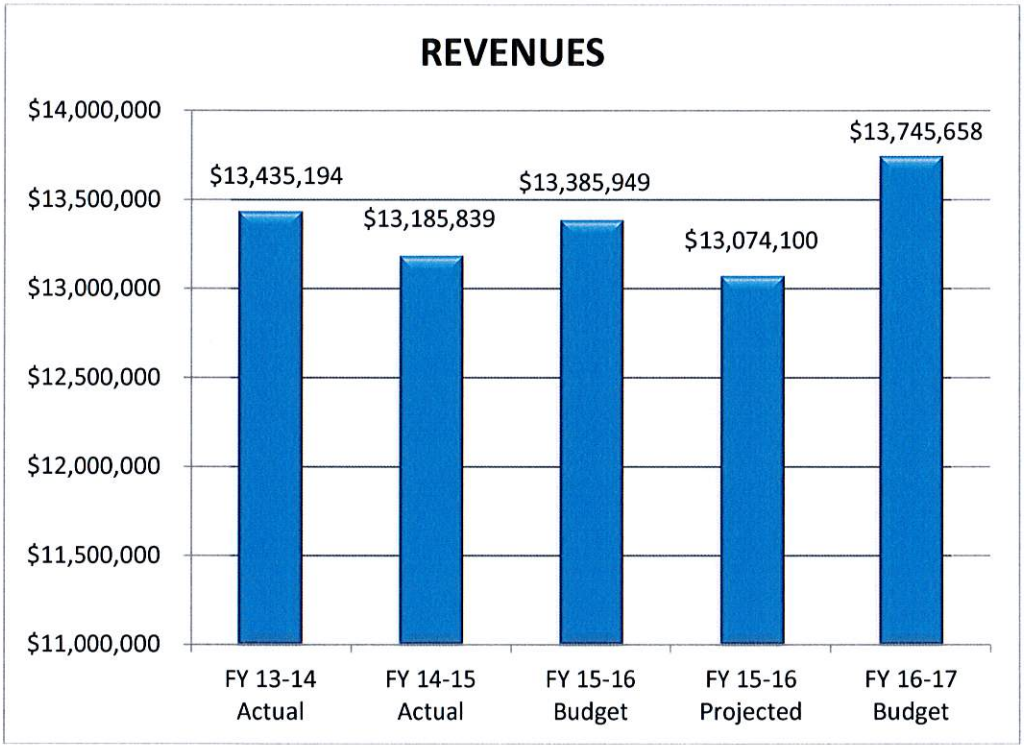


Other Revenues include:

- 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 2013-14 THROUGH 2016-17

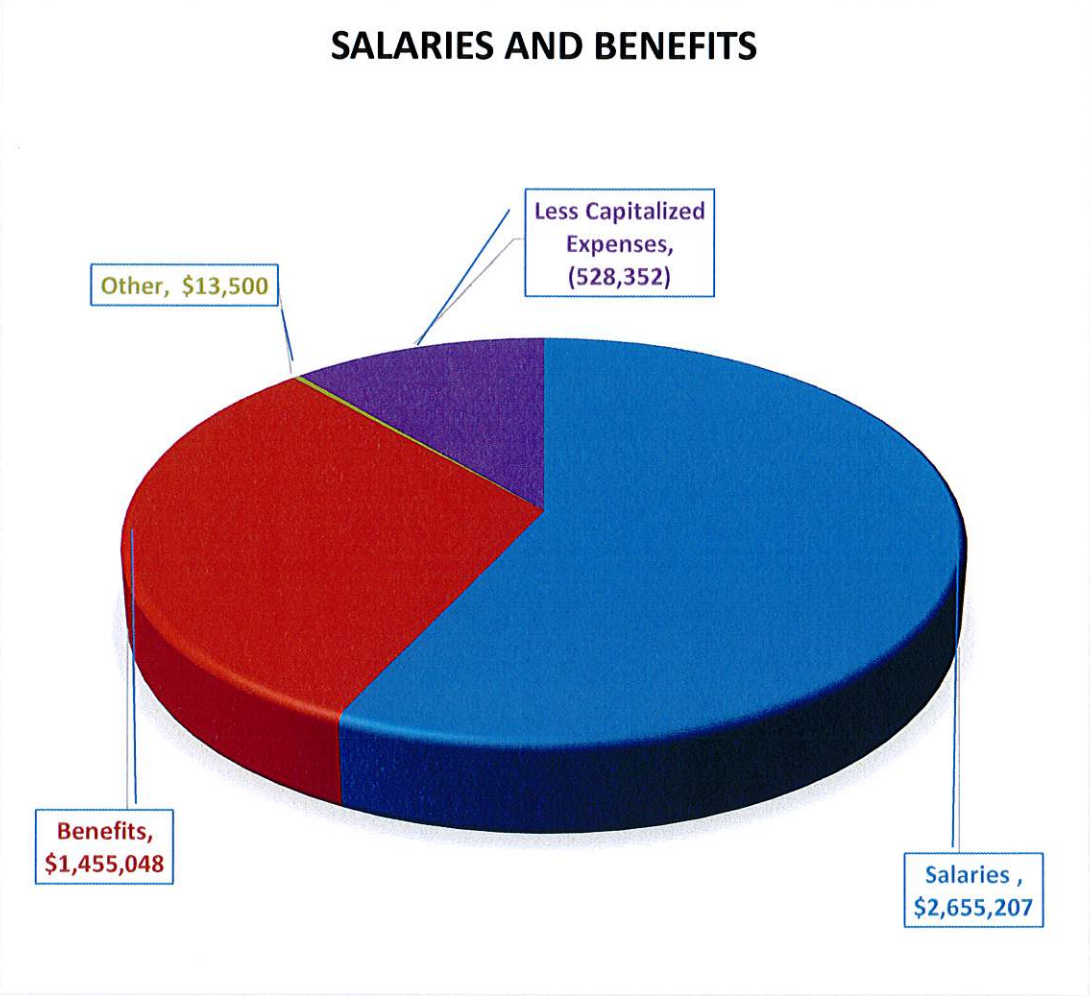


The FY 2016-17 Budget contains a revenue adjustment of 3.5% starting in January 2017.

Elk Grove Water District
Budgeted Salaries and Benefits Accounts Detail
For the Fiscal Year ending June 30, 2017

Account#	Description	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected	FY 16-17 Requested Budget
5100	Executive Salary	$ 150,220	$ 153,097	$ 140,194	$ 165,206	$ 189,122
5110	Exempt Salaries	490,178	476,125	471,721	$ 506,361	605,166
5120	Non-Exempt Salaries	984,040	1,183,188	1,302,819	$ 1,343,757	1,471,750
5130	Overtime Compensation	43,062	45,062	57,800	$ 47,792	56,300
5140	On Call Pay	18,320	18,270	18,250	$ 18,713	18,250
5150	Holiday Pay	81,914	88,233	114,577	$ 120,219	117,743
5160	Vacation Pay	118,645	109,284	118,617	$ 110,055	115,933
5170	Personal Time Pay	74,870	79,245	91,662	$ 99,056	80,944
5180	Internship Program	-	-	-	$ -	-
5200	Medical Benefits	372,689	499,325	622,871	$ 598,388	704,084
5195	EAP	883	820	880	$ 860	960
5210	Dental/Vision/Life Insurance	41,289	50,983	57,837	$ 56,296	68,995
5220	Retirement Benefits	260,687	273,439	297,548	$ 308,214	374,713
5225	Retirement Benefits - Post Employment	68,355	73,169	100,000	$ 96,055	103,362
5230	Medical Tax, Social Security and SUI	44,880	45,161	56,763	$ 52,712	62,072
5240	Worker's Compensation Insurance	55,314	78,504	98,014	$ 109,057	112,612
5250	Education Assistance	1,290	4,687	18,000	$ 5,213	9,000
5260	Employee Training	21,896	15,103	28,203	$ 6,619	28,250
5270	Employee Recognition	910	2,694	2,920	$ 1,533	3,020
5280	Meetings	203	286	1,500	$ 317	1,480
	Less Capitalized Expenses	(538,181)	(470,098)	(509,238)	(509,238)	(528,352)
		$ 2,291,464	$ 2,726,577	$ 3,090,937	$ 3,137,185	$ 3,595,403

TOTAL NET SALARIES AND BENEFITS $3,595,403*

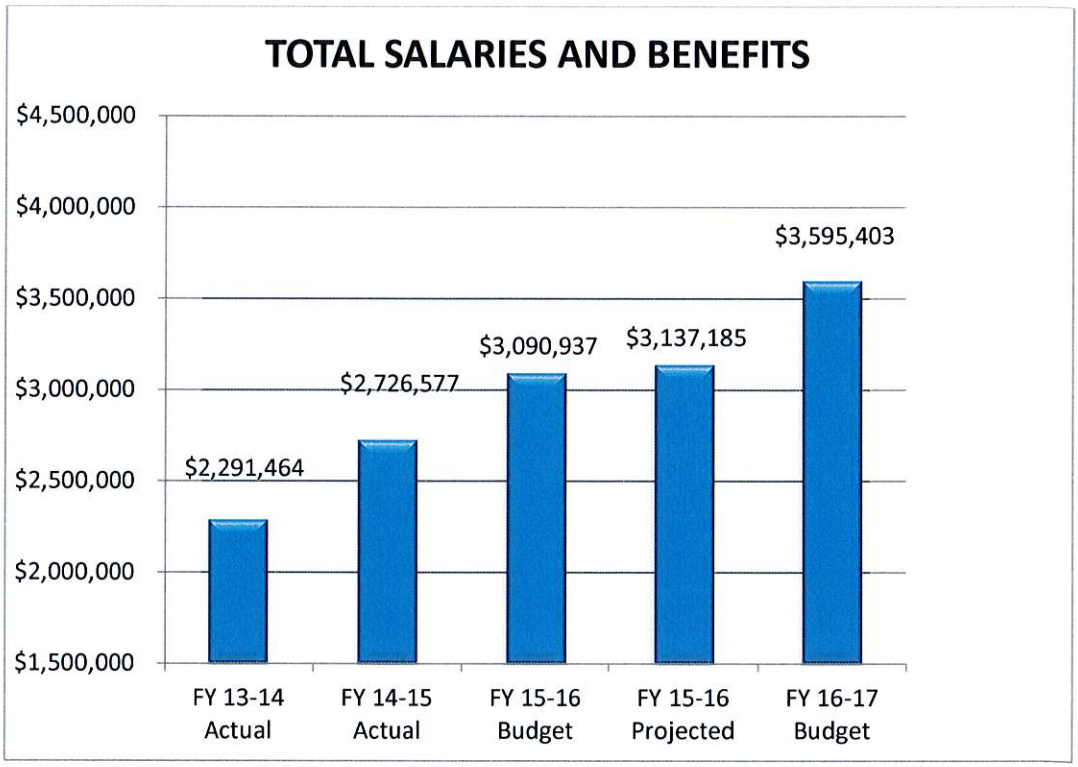


The Other Expenditure Categories include:

- Education Assistance
- Employee Recognition
- Meetings

*The total Salaries and Benefits are net of labor costs of $528,352 that will be capitalized for the capital improvements constructed by the Distribution and Utility Departments.

TOTAL SALARIES AND BENEFITS
FISCAL YEARS 2013-14 THROUGH 2016-17



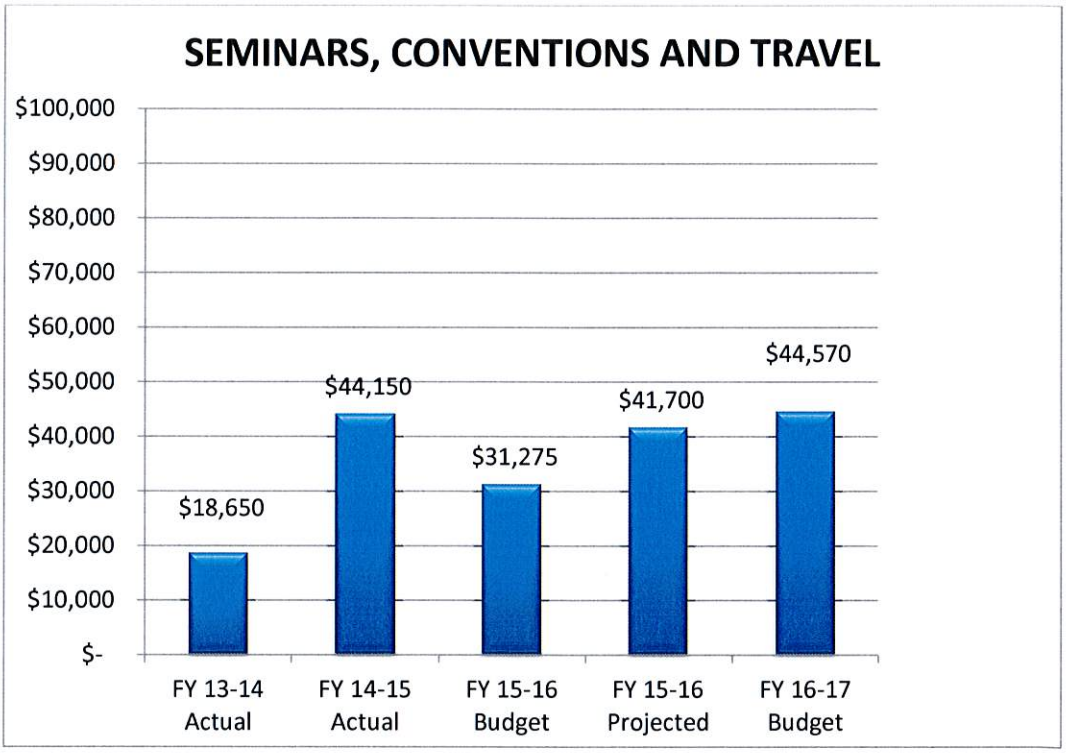
The Salaries and Benefits are adjusted as follows for the capitalized expense for capital improvements constructed by the Distribution and Utility Departments:

- Salaries and Benefits $ 528,352

Elk Grove Water District
Budgeted Seminars, Conventions and Travel Accounts Detail
For the Fiscal Year ending June 30, 2017

Account#	Description	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected	FY 16-17 Requested Budget
5300	Airfare	$ 318	$ 4,750	$ 1,902	$ 2,535	$ 4,700
5310	Hotels	5,000	11,050	8,752	$ 11,670	10,700
5320	Meals	2,371	5,210	4,657	$ 6,210	6,200
5330	Auto Rental	131	2,000	1,157	$ 1,542	2,600
5340	Seminars & Conferences	3,160	9,450	6,455	$ 8,607	9,100
5345	Seminars & Conferences - Board	1,435	5,200	0	$ -	3,820
5350	Mileage Reimbursement, Parking, Tolls	1,395	1,690	4,652	$ 6,203	1,450
5375	Auto Allowance	4,840	4,800	3,700	$ 4,933	6,000
		$ 18,650	$ 44,150	$ 31,275	$ 41,700	$ 44,570

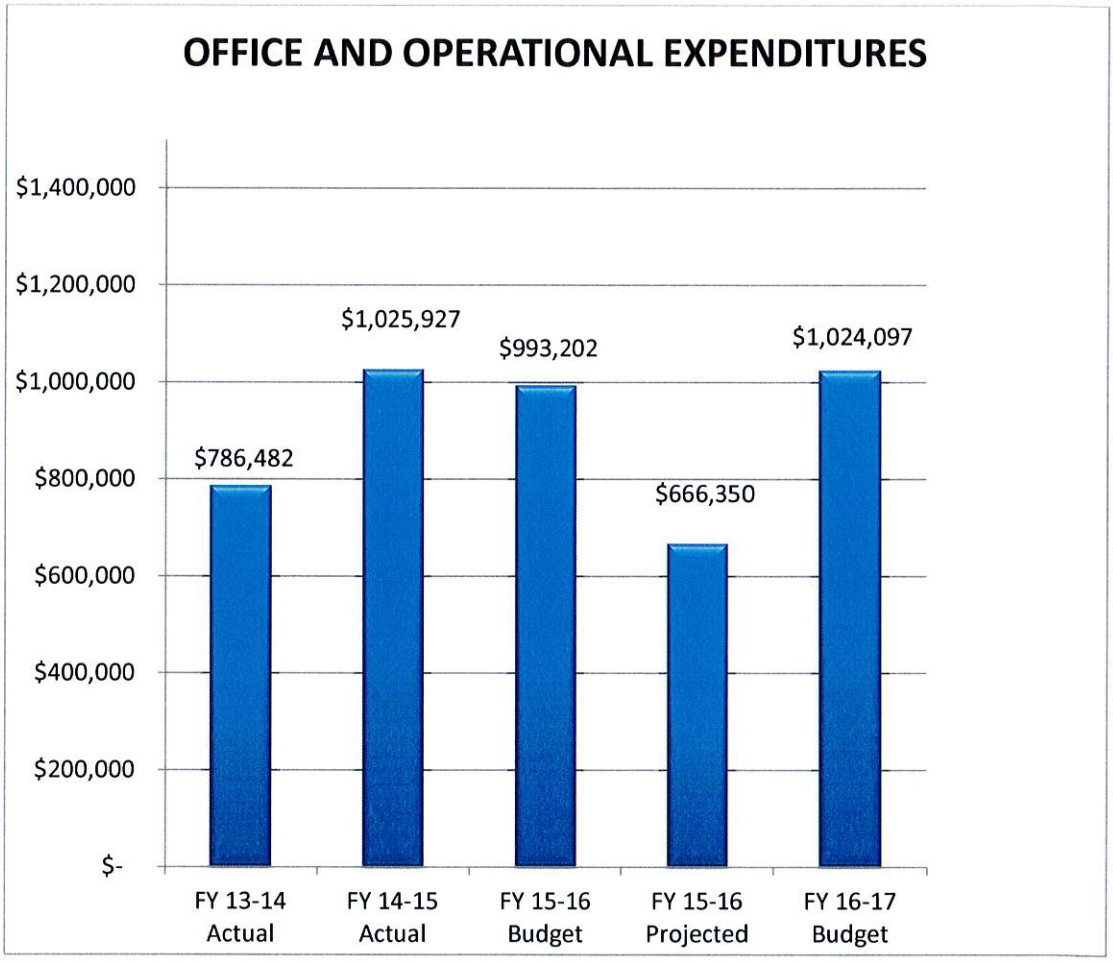
TOTAL SEMINARS, CONVENTIONS AND TRAVEL FISCAL YEARS 2013-14 THROUGH 2016-17



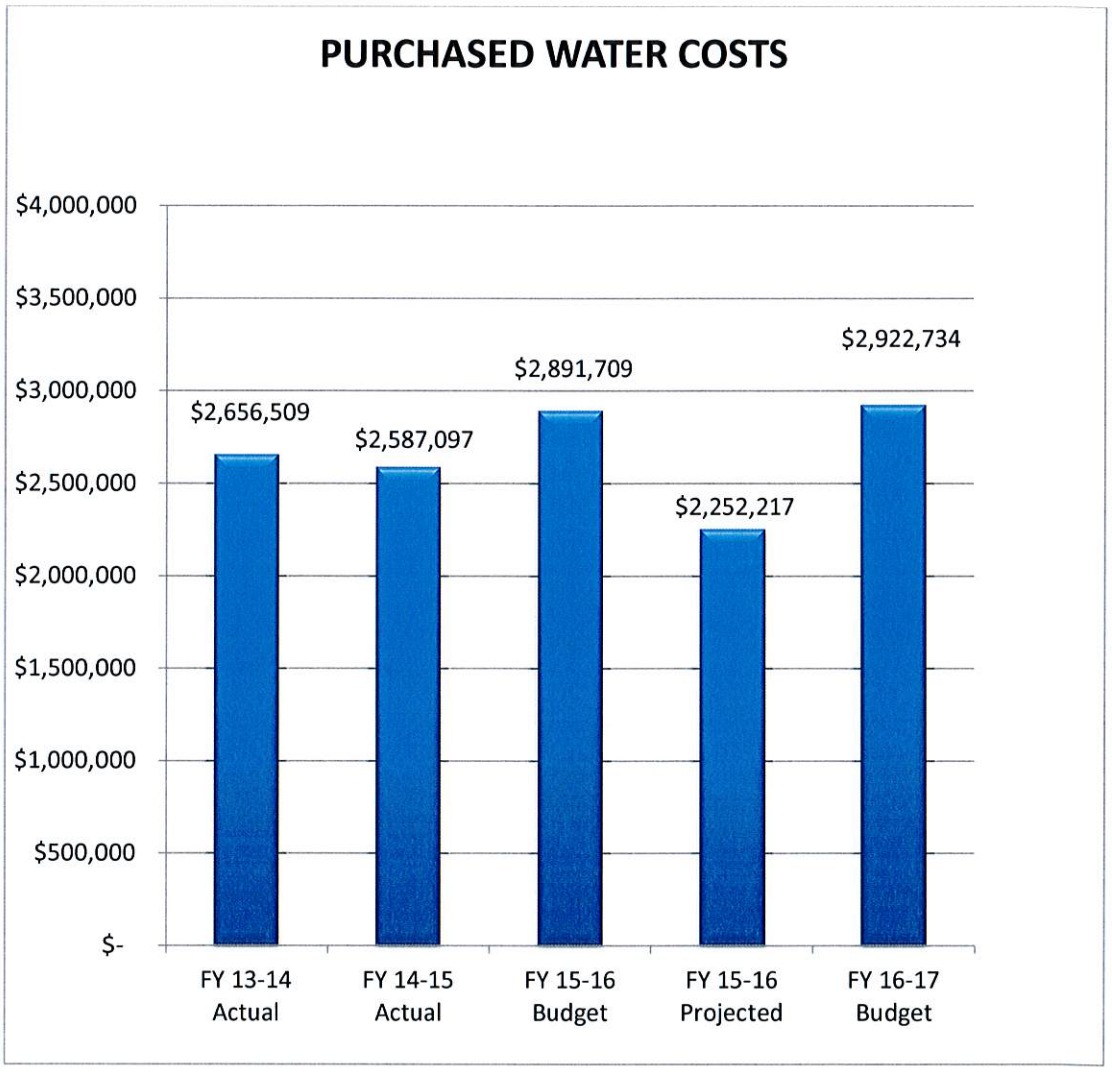
Elk Grove Water District
Budgeted Office and Operational Accounts Detail
For the Fiscal Year ending June 30, 2017

Account#	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected	FY 16-17 Requested Budget
5410	Advertising	$ 3,203	$ 3,754	$ 11,239	$ 6,200	$ 6,931	$ 35,500
5415	Association Dues	53,716	53,823	61,518	72,170	$ 89,148	76,060
5420	Insurance	83,098	68,865	76,462	75,000	$ 74,153	79,900
5425	Licenses, Certifications, Fees	18,446	5,809	13,488	9,700	$ 3,580	9,850
5430	Repairs & Maintenance - Automotive	19,459	16,585	28,486	40,300	$ 28,994	27,800
5432	Repairs & Maintenance - Building	10,643	14,197	9,067	13,500	$ 12,830	16,500
5434	Repairs & Maintenance - Computers	50,282	1,839	21,591	24,800	$ 16,492	22,150
5435	Repairs & Maintenance - Equipment	37,055	52,278	94,204	108,000	$ 41,551	63,350
5438	Fuel	41,505	41,338	38,424	63,600	$ 30,631	51,600
5440	Materials	149,957	143,564	268,654	206,000	$ 61,113	90,000
5445	Chemicals	24,955	48,945	14,813	12,000	$ 11,872	115,000
5450	Meter Repairs	553	91	5,179	9,000	$ 8,418	12,000
5453	Permits	7,380	31,193	39,318	39,620	$ 32,714	84,800
5455	Postage	58,421	65,773	73,556	59,300	$ 53,838	72,400
5460	Printing	5,849	8,086	14,693	15,400	$ 3,639	14,050
5465	Safety Equipment	1,773	12,993	3,428	11,950	$ 5,226	20,100
5470	Software Programs & Updates	58,040	114,981	146,911	108,744	$ 94,341	94,927
5475	Supplies	62,426	22,421	29,849	30,295	$ 30,058	36,800
5480	Telephone	32,972	38,333	35,983	29,505	$ 33,336	36,609
5485	Tools	7,282	24,069	23,834	5,329	$ 7,635	12,500
5490	Clothing Allowance	8,305	9,901	7,449	10,500	$ 5,987	10,200
5491	EGWD - Other Clothing	-	7,644	7,782	12,289	$ 8,702	12,000
5493	Water Conservation Materials	-	-	0	30,000	$ 5,159	30,000
		735,323	786,482	1,025,927	993,202	666,350	1,024,097
5495	Purchased Water	2,517,816	2,656,509	$ 2,587,097	$ 2,891,709	$ 2,252,217	2,922,734

TOTAL OFFICE AND OPERATIONAL
FISCAL YEARS 2013-14 THROUGH 2016-17



TOTAL PURCHASED WATER
FISCAL YEARS 2013-14 THROUGH 2016-17



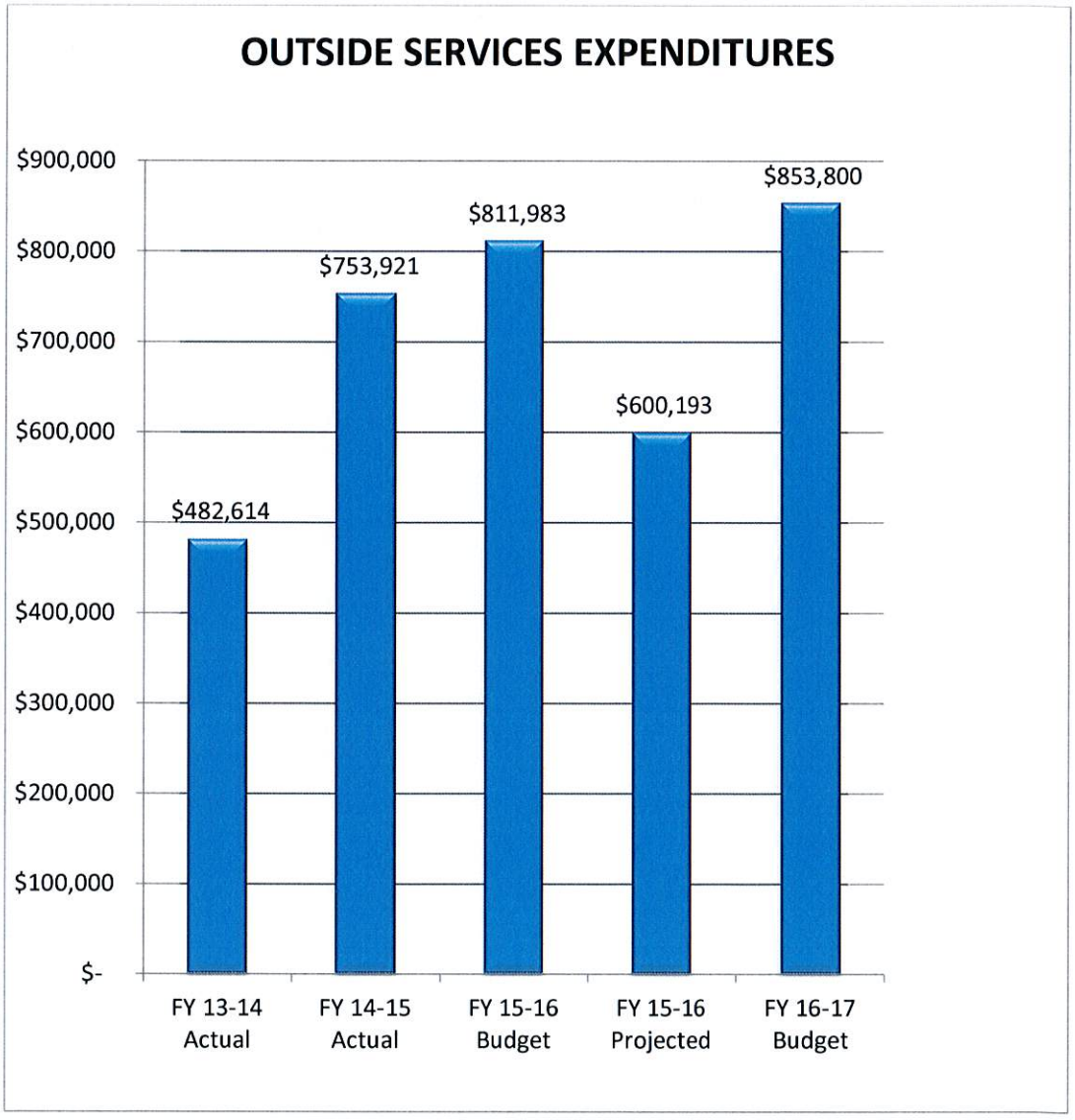
Elk Grove Water District
Budgeted Outside Services Accounts Detail
For the Fiscal Year ending June 30, 2017

Account#	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected	FY 16-17 Requested Budget
5505	Administration Services	$ 1,155	$ 1,012	$ 2,252	$ 6,000	$ 752	$ 1,500
5510	Bank Charges	41,787	47,799	62,586	62,400	$ 70,080	96,000
5515	Billing Services	26,484	28,308	26,657	26,400	$ 22,987	28,800
5520	Contracted Services	127,963	136,029	240,381	248,836	$ 283,142	292,800
5523	Water Conservation Services	-	-	0	20,000	$ 26,095	32,500
5525	Accounting Services	63,788	43,344	26,615	35,000	$ 30,544	35,000
5530	Engineering	1,400	14,798	92,044	80,000	$ 8,834	50,000
5535	Legal Services	169,632	98,307	124,744	205,000	$ 93,961	205,000
5540	Financial Consultants	86,998	29,653	68,601	10,000	$ -	10,000
5545	Community Relations	10,118	14,065	19,587	16,200	$ 13,927	16,200
5552	Misc. Medical	2,354	2,086	1,485	2,000	$ 1,423	2,500
5550	Pre-employment	1,817	630	6,508	10,000	$ 657	10,000
5555	Janitorial	3,885	5,935	6,299	6,500	$ 6,180	6,300
5560	Bond Administration	7,366	7,353	6,917	8,500	$ 16,056	8,500
5570	Security	31,682	26,412	30,706	26,500	$ 7,550	23,700
5575	Sampling	16,256	23,858	35,513	45,647	$ 15,339	35,000
5580	Board Secretary/Treasurer	3,150	3,025	3,025	3,000	$ 2,667	-
		$ 595,834	$ 482,614	$ 753,921	$ 811,983	$ 600,193	$ 853,800

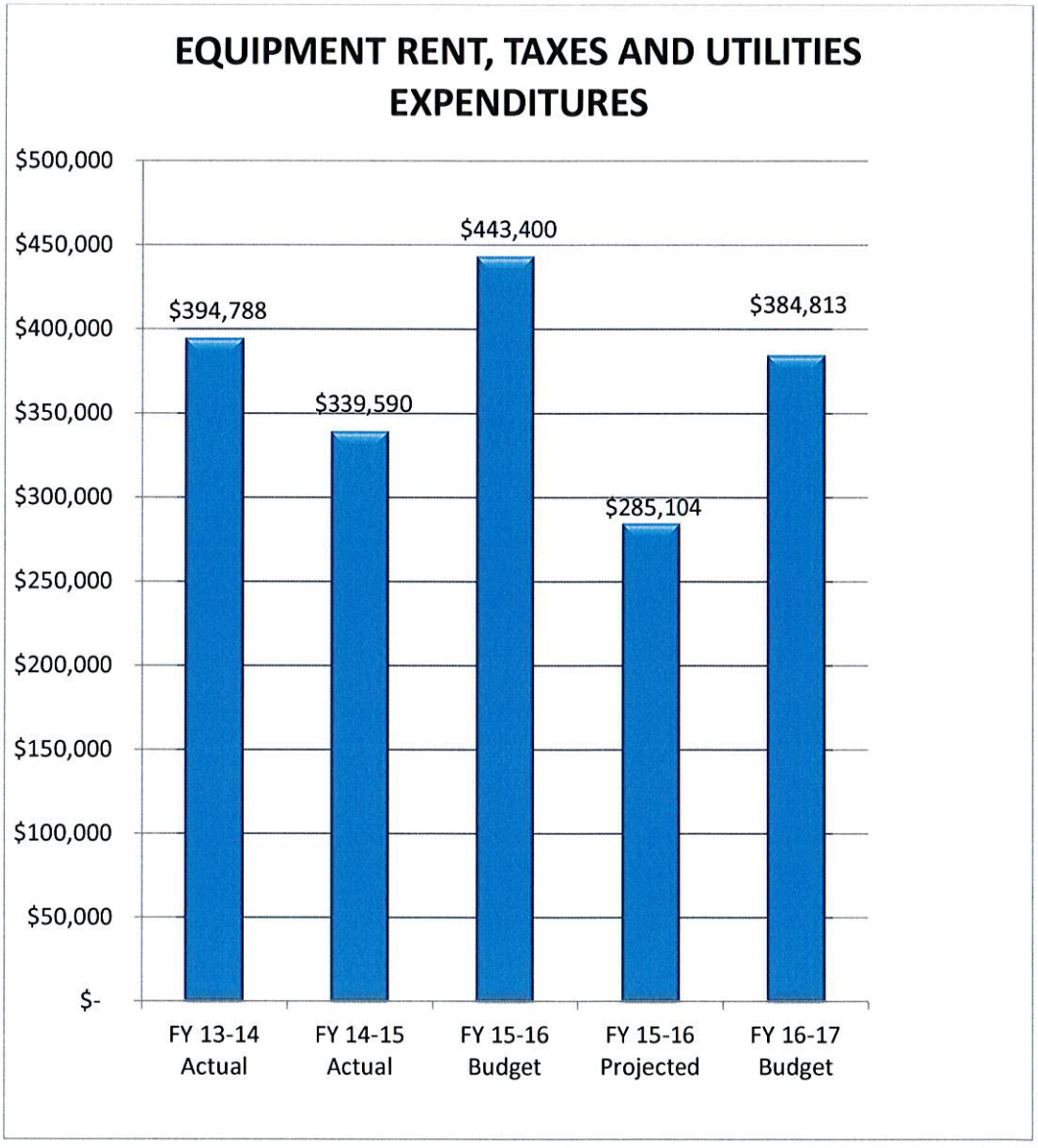
Elk Grove Water District
Budgeted Rents, Taxes and Utilities Accounts Detail
For the Fiscal Year Ending June 30, 2017

Account#	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected	FY 16-17 Requested Budget
5610	Occupancy	$ (9,367)	$ -	$ -	$ -	$ -	$ -
5620	Equipment Rental	37,552	38,047	16,392	29,500	$ 12,101	22,000
5710	Property Taxes	3,464	3,992	4,701	4,700	$ 1,771	1,500
5720	Water	1,087	-	0	0	$ -	-
5740	Electricity	359,504	333,039	295,131	379,000	$ 253,448	334,814
5750	Natural Gas	286	437	416	500	$ 498	600
5760	Sewer & Garbage	24,138	19,273	22,950	29,700	$ 17,286	25,900
		$ 416,662	$ 394,788	$ 339,590	$ 443,400	$ 285,104	$ 384,813

TOTAL OUTSIDE SERVICES
FISCAL YEARS 2013-14 THROUGH 2016-17



TOTAL EQUIPMENT RENT, TAXES AND UTILITIES FISCAL YEARS 2013-14 THROUGH 2016-17



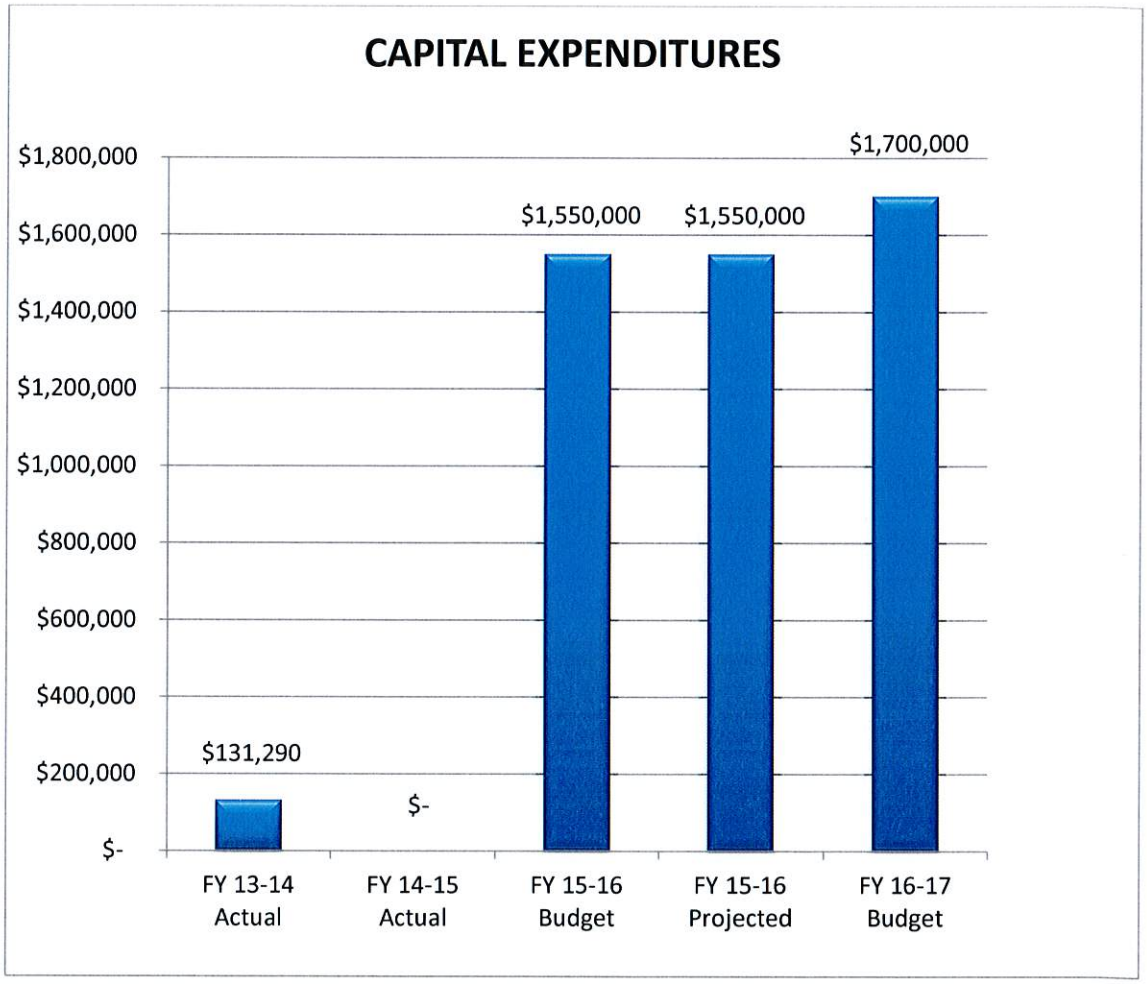
Elk Grove Water District
Budgeted Capital Expenses Detail
For the Fiscal Year ending June 30, 2017

Account#	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected	FY 16-17 Requested Budget
1730	Meters	$ -	$ -	$ -	$ -	$ -	$ -
1745	Transportation Equipment	-	-	0	0	$ -	-
1760/1765	Capital Equipment & Expenditures	-	96,290	0	0	$ -	-
1705	Non-Project Capital Expenses	-	35,000	0	0	$ -	-
3560	Repair & Replacement Reserve	-	-	0	851,472	$ 851,472	731,000
3565	L-T Capital Improvement Reserve	-	-	0	698,528	$ 698,528	969,000
	Contribution to Reserves						-
		$ -	$ 131,290	$ -	$ 1,550,000	$ 1,550,000	$ 1,700,000

Elk Grove Water District
Budgeted Non Operating Activity Detail
For the Fiscal Year ending June 30, 2017

Account#	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Projected	FY 16-17 Requested Budget
6440	Depreciation & Amortization	$ 1,708,742	$ 2,054,712	$ 1,696,678	$ -	$ -	$ -
7300	Debt Service (Bond Interest Expense)	2,624,774	2,580,129	2,289,556	2,225,240	2,225,240	1,757,900
7310	Discount Amortization Expense	28,344	28,229	-	-	-	-
7320	Offering Expense - Deferred Charges	-	-	471,504	-	-	-
7400	Interest Paid - 9257 Elk Grove Note	59,381	55,649	-	-	-	-
9920	Other Expenses (Income)	(50,793)	-	-	-	-	(26,566)
	Contribution from Operating Reserve				(74,671)	-	
2470	9257 Elk Grove Blvd. Note	55,606	59,337	-	-	-	-
2500	Bond Retirement	1,080,000	1,175,000	-	1,430,000	1,430,000	1,440,000
9910	Interest Earned	(20,886)	(18,188)	(19,970)	(20,000)	(10,171)	(100,000)
9950	Election Costs	1,660	-	(318,569)	-	-	108,000
		$ 5,486,827	$ 5,934,868	$ 4,119,198	$ 3,560,569	$ 3,645,069	$ 3,179,334

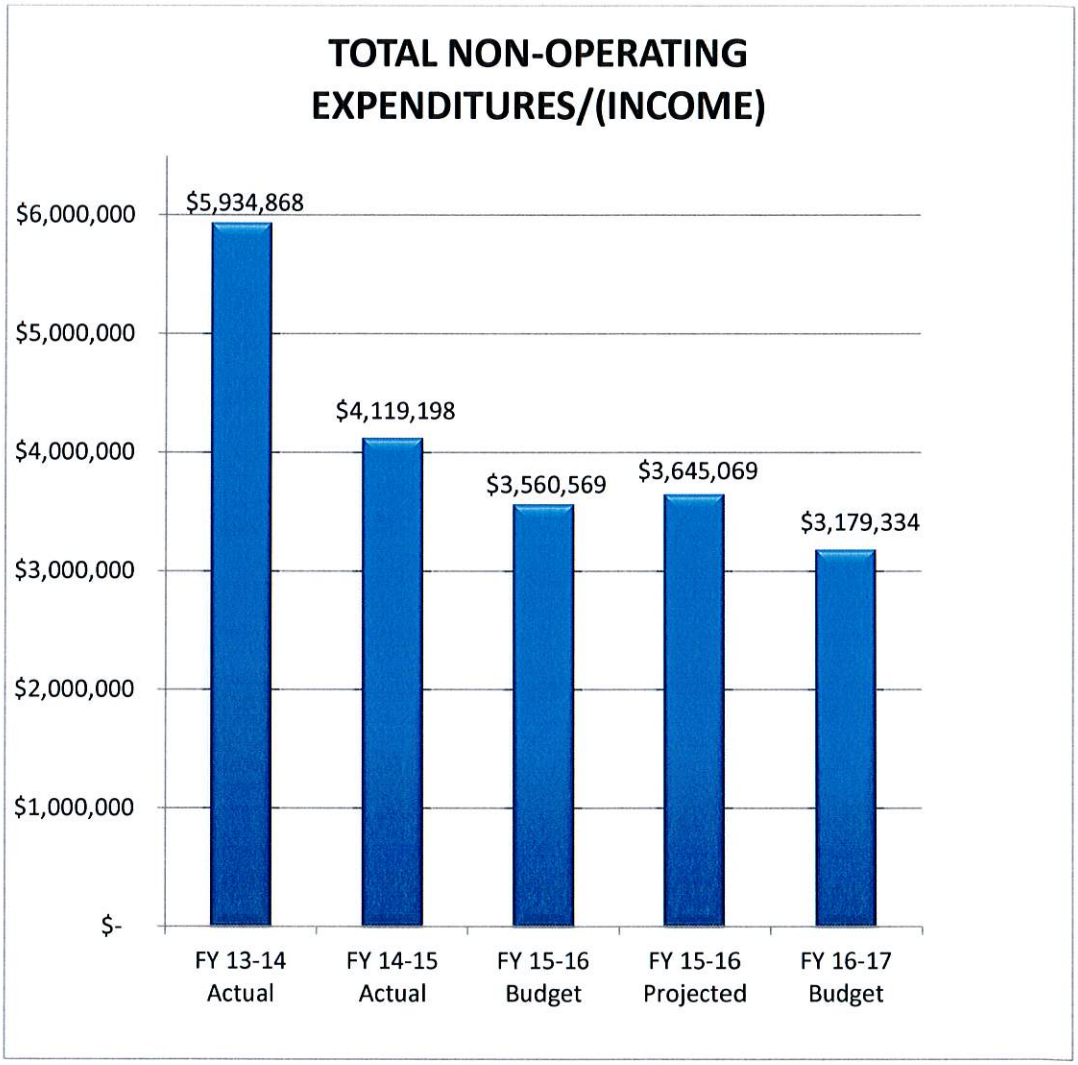
TOTAL CAPITAL EXPENDITURES
FISCAL YEARS 2013-14 THROUGH 2016-17



Starting in FY 2012-13, all CIP, with the exception of two minor projects, were budgeted in the Five Capital Improvement Program.

The FY 2016-17 capital improvement funding is for Repair & Replacement and Long-Term Capital Reserve funding based on the Asset Management Plan.

TOTAL NON-OPERATING EXPENDITURES (INCOME) FISCAL YEARS 2013-14 THROUGH 2016-17



The Non-Operating Expenditures include:

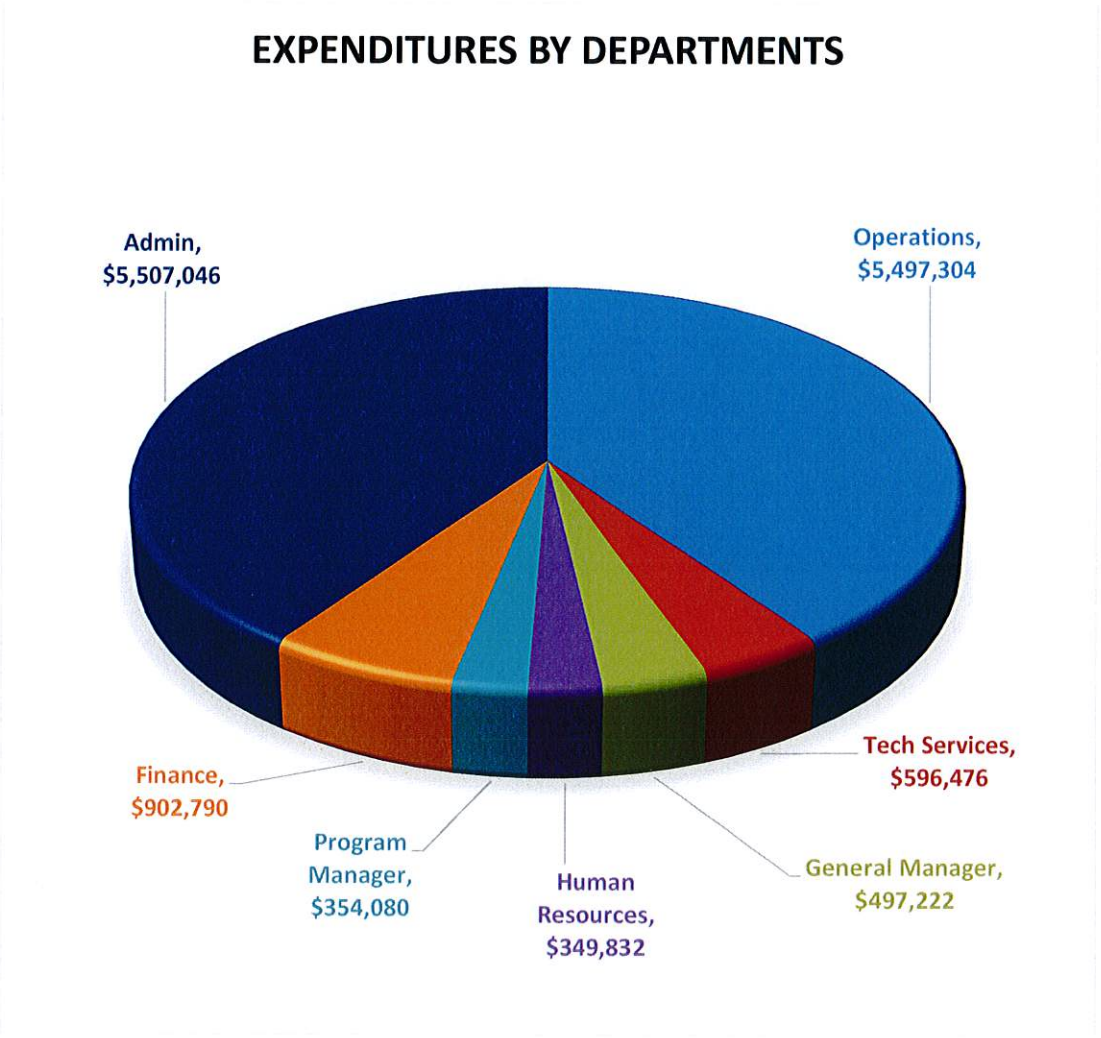
- Debt Service – Water System

Elk Grove Water District
Summary by Departments
For the Fiscal Year ending June 30, 2017

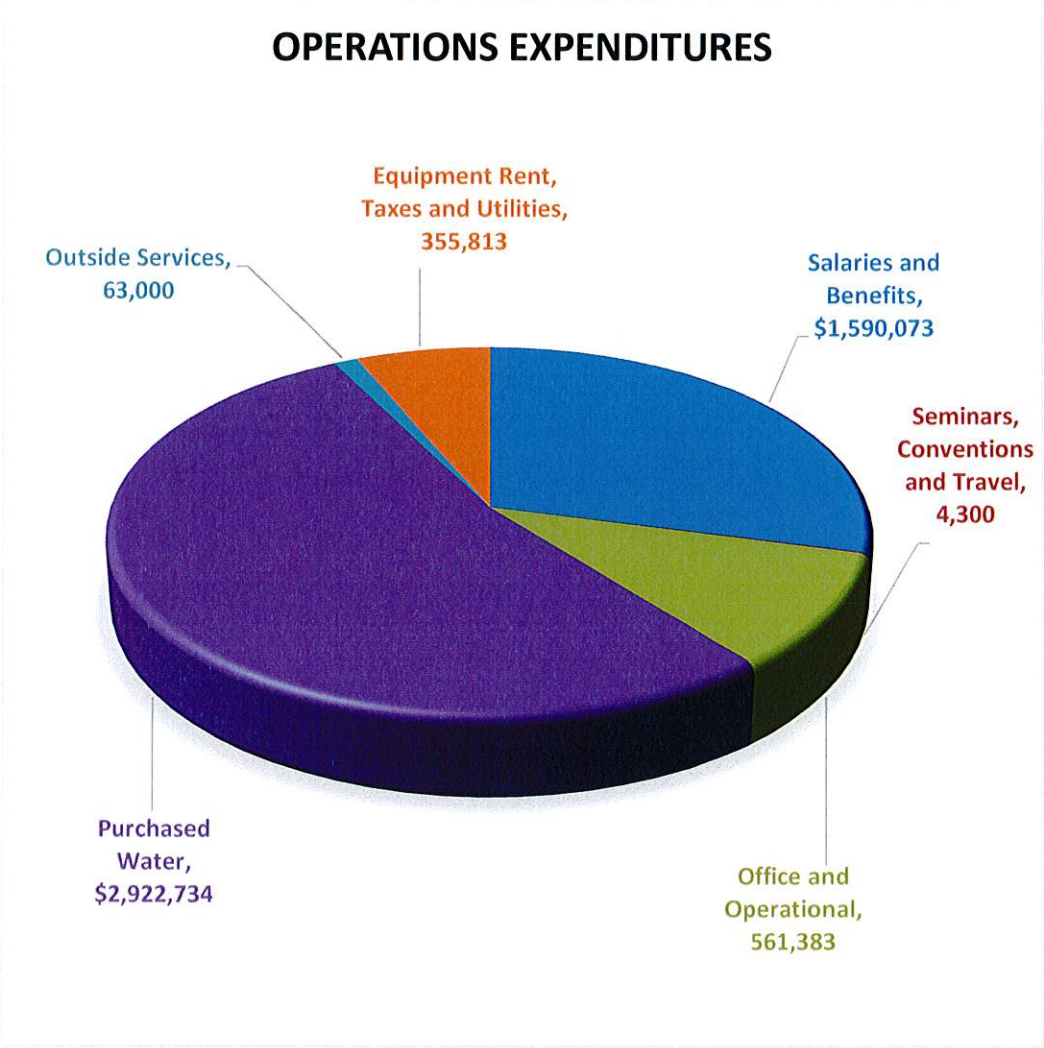
Expenditure	Operations	Technical Services	General Manager	Human Resources	Program Manager	Finance	Admin	Total Budget
Revenues								13,745,658
Salaries and Benefits	$ 2,118,426	$ 506,306	$ 267,342	$ 303,532	$ 159,590	$ 665,197	$ 103,362	$ 4,123,755
Seminars, Conventions and Travel	4,300	5,950	18,680	7,000	2,640	6,000	-	44,570
Office and Operational	561,383	34,220	-	6,800	95,350	56,593	269,750	1,024,097
Purchased Water	2,922,734	-	-	-	-	-	-	2,922,734
Outside Services	63,000	50,000	211,200	32,500	96,500	175,000	225,600	853,800
Equipment Rent, Taxes and Utilities	355,813	-	-	-	-	-	29,000	384,813
Subtotal Operational Expenditures	6,025,656	596,476	497,222	349,832	354,080	902,790	627,712	9,353,769
Less: Capitalized Expenditures*	(528,352)							(528,352)
Total Operational Expenses	5,497,304	596,476	497,222	349,832	354,080	902,790	627,712	8,825,417
Non-Operating Expenditures (Income)						-	3,179,334	3,179,334
Capital Equipment and Expenditures	-					-	1,700,000	1,700,000
Total Net Expenditures	5,497,304	596,476	497,222	349,832	354,080	902,790	5,507,046	13,704,751
Revenues In Excess of Expenditures, Principal Retirement and Capital Expenditures								$ 40,907

* This represents 70% of Salary Costs of the Utility Division which will be charged to Capital Projects

TOTAL EXPENDITURES BY DEPARTMENTS

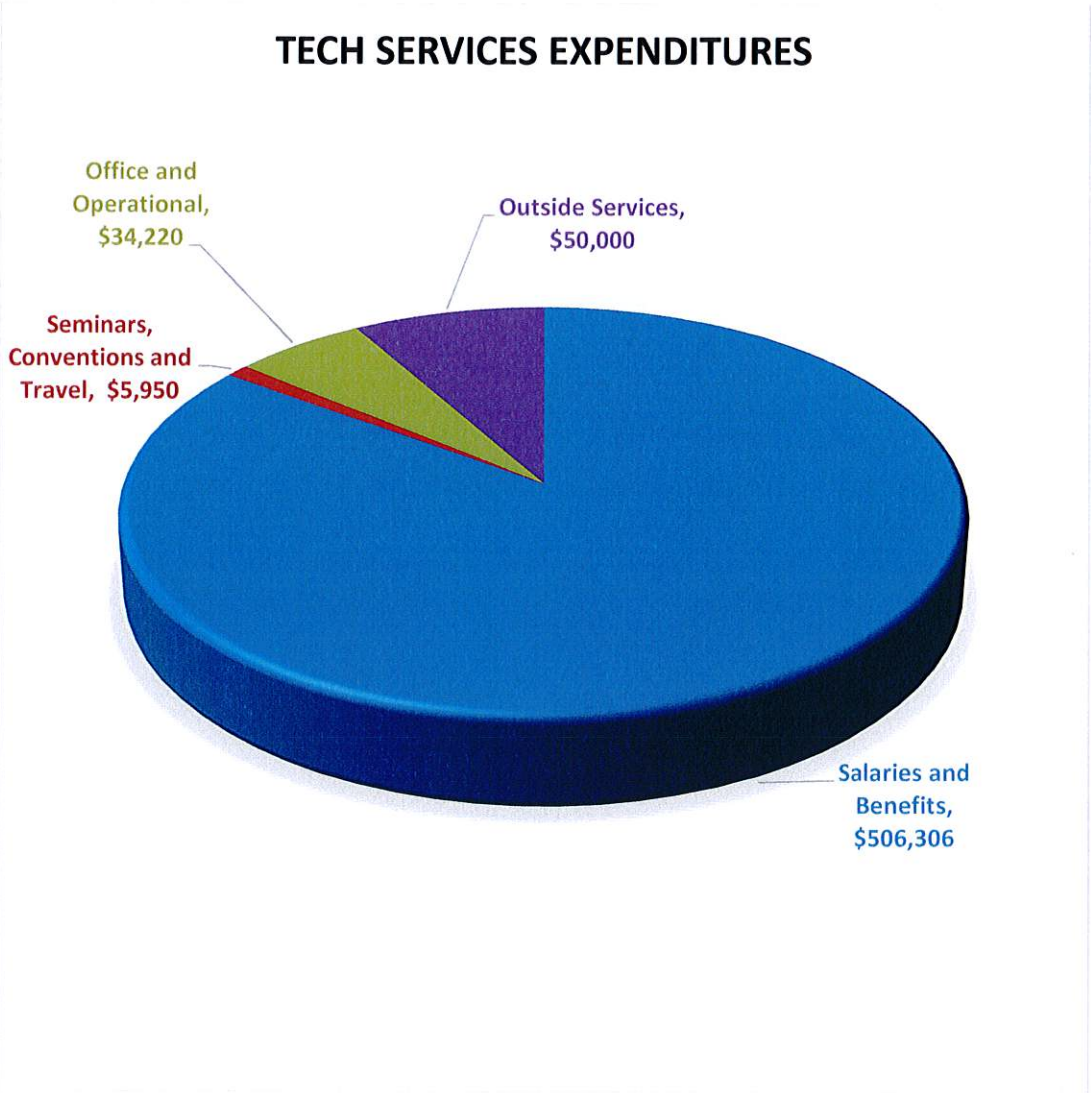


OPERATIONS DEPARTMENT $5,497,304
TOTAL EXPENDITURES BY CATEGORY



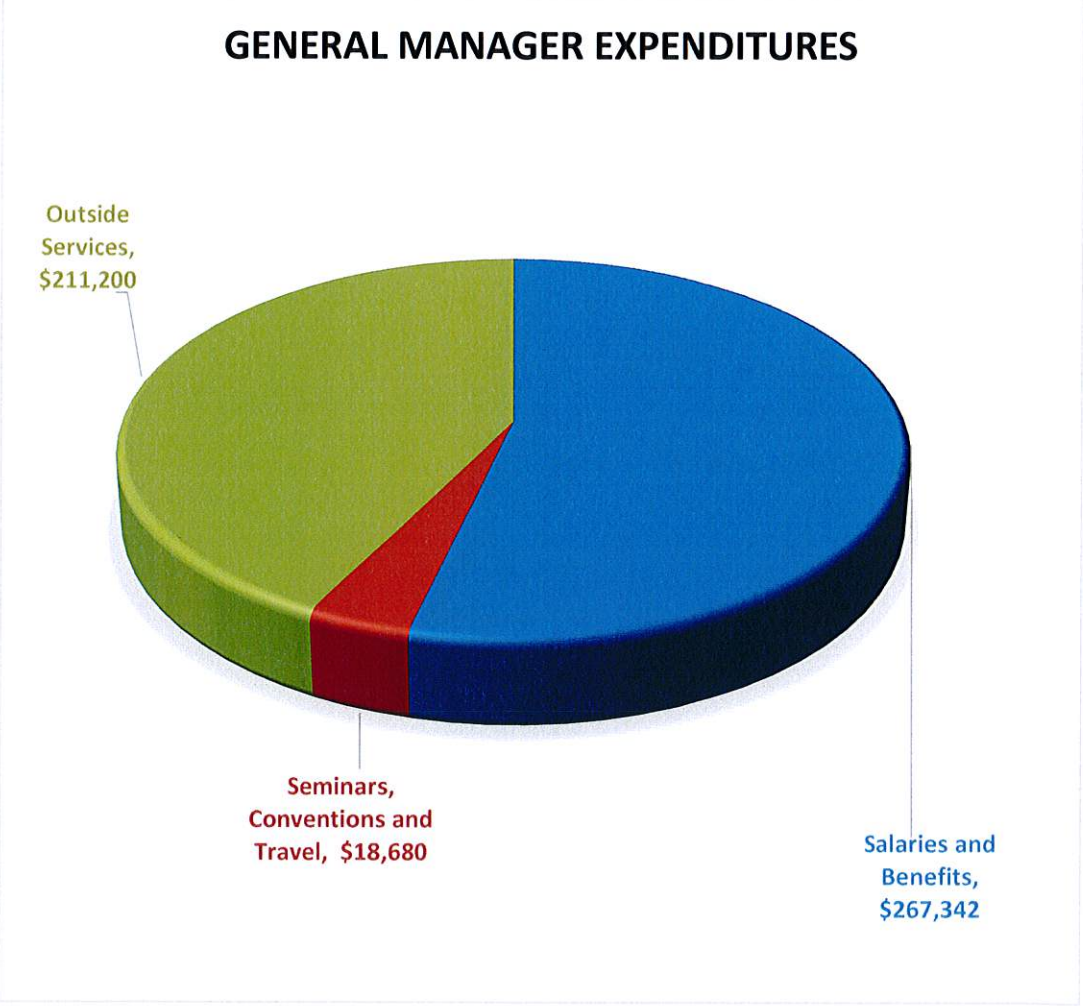
Salaries and benefits include a reduction for capitalized labor of $528,352.

TECH SERVICES DEPARTMENT $596,476
TOTAL EXPENDITURES BY CATEGORY

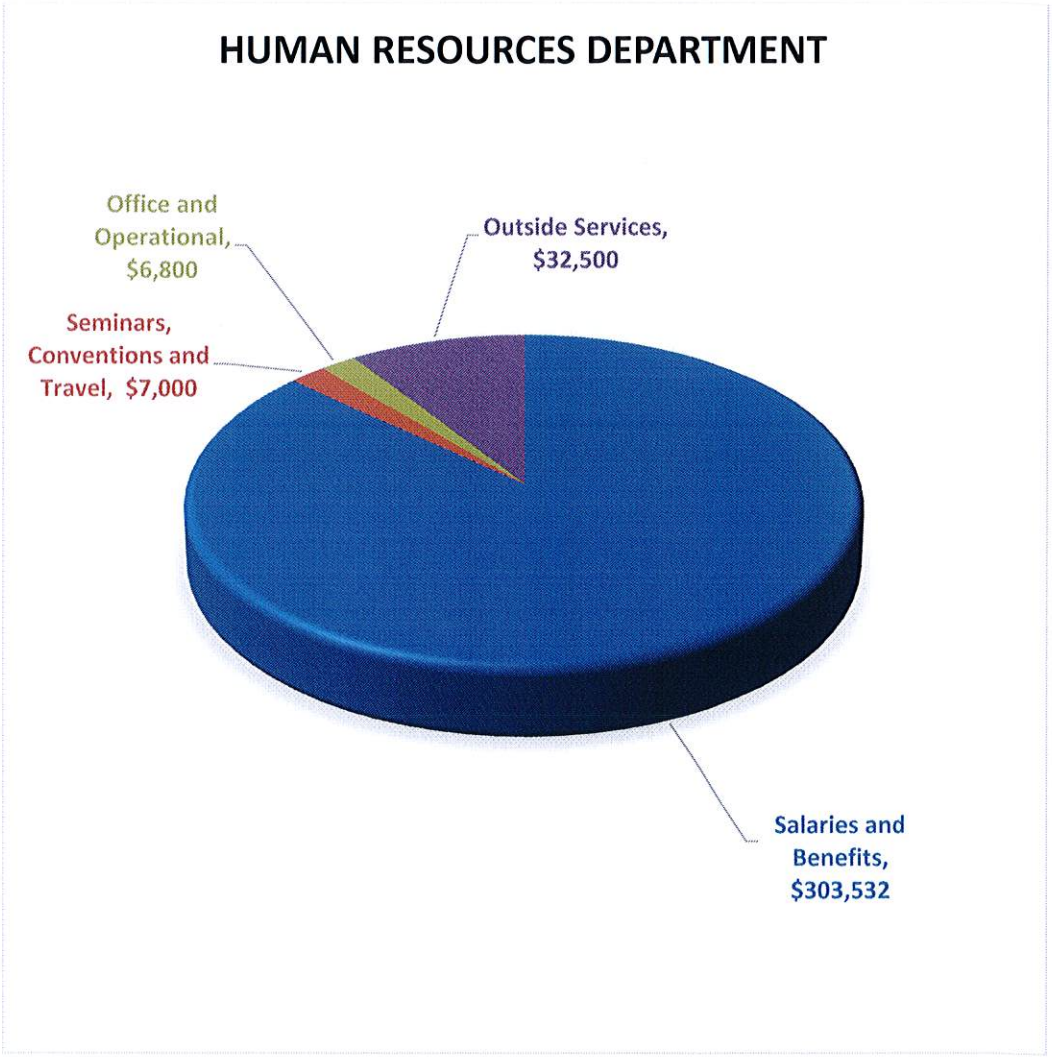


GENERAL MANAGER DEPARTMENT $497,222

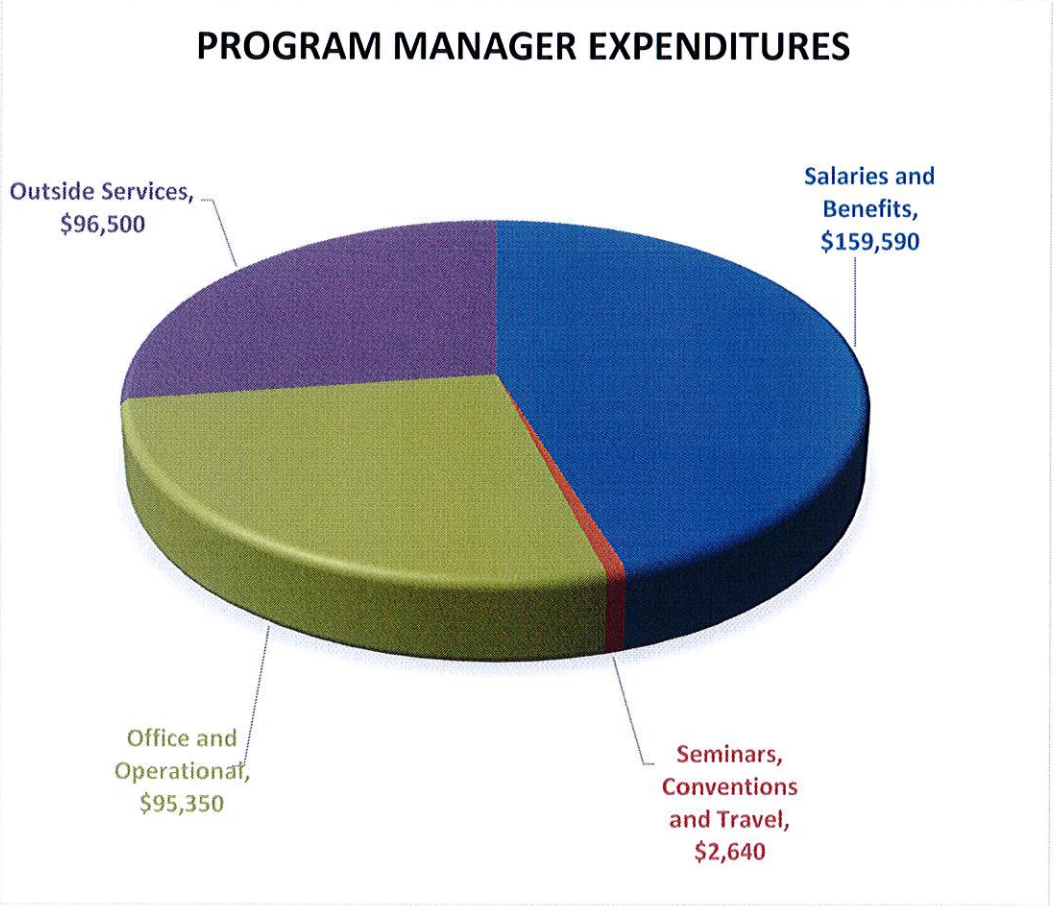
TOTAL EXPENDITURES BY CATEGORY



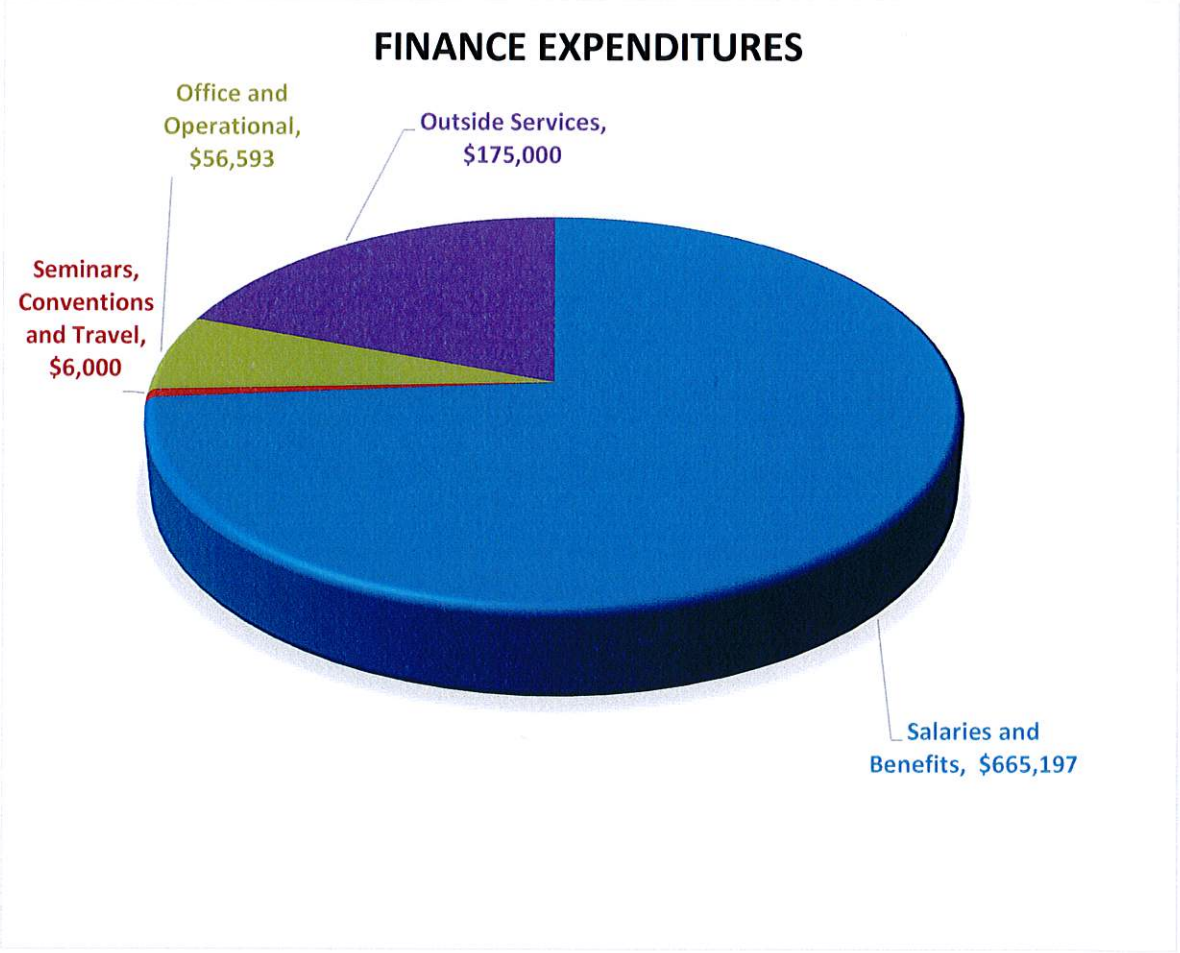
HUMAN RESOURCES DEPARTMENT $349,832
TOTAL EXPENDITURES BY CATEGORY



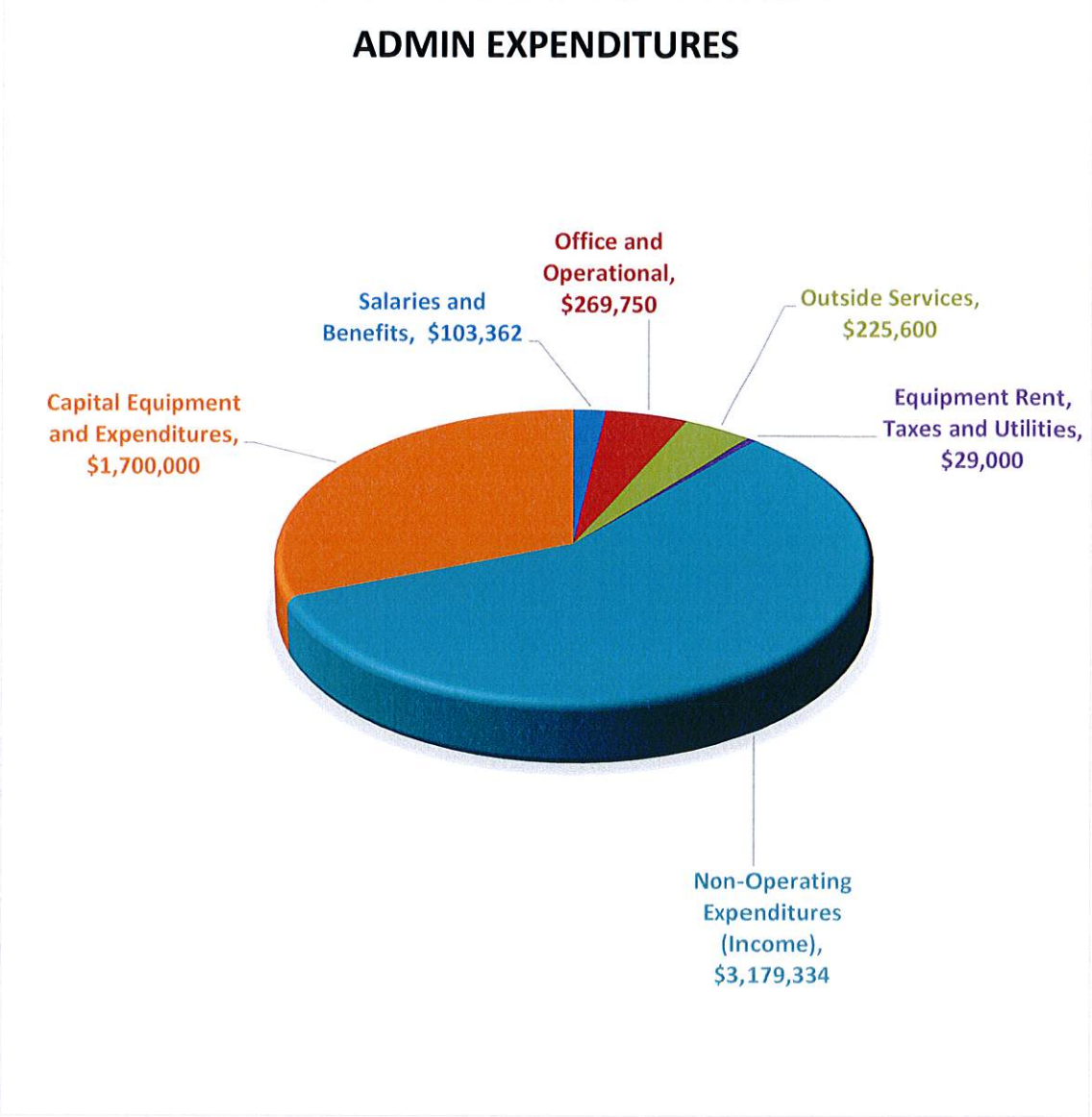
PROGRAM MANAGER DEPARTMENT $354,080
TOTAL EXPENDITURES BY CATEGORY



FINANCE DEPARTMENT $902,790
TOTAL EXPENDITURES BY CATEGORY

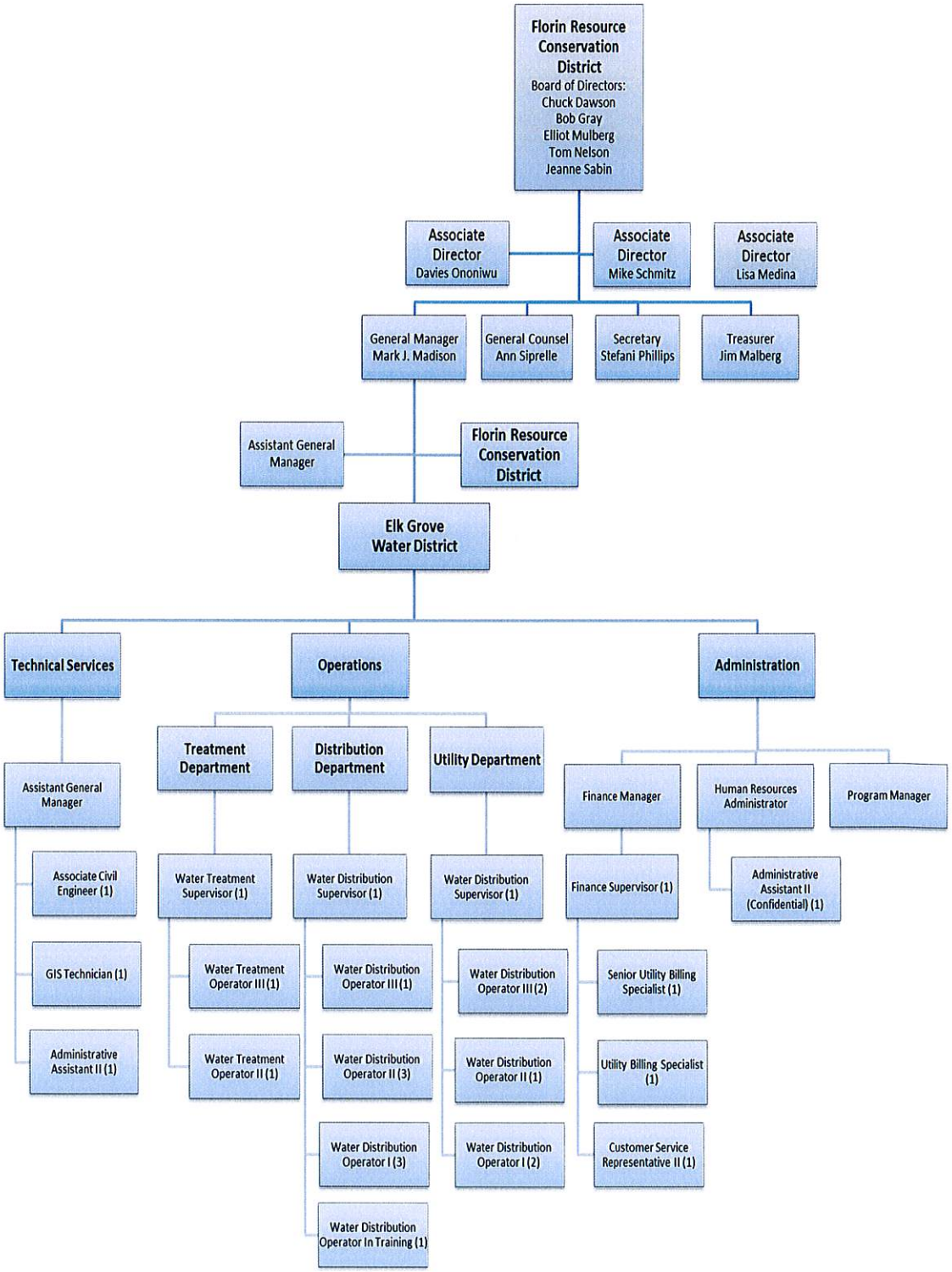


ADMIN DEPARTMENT $5,507,046
TOTAL EXPENDITURES BY CATEGORY



Capital Equipment and Expenditures includes Capital Reserve Contributions.

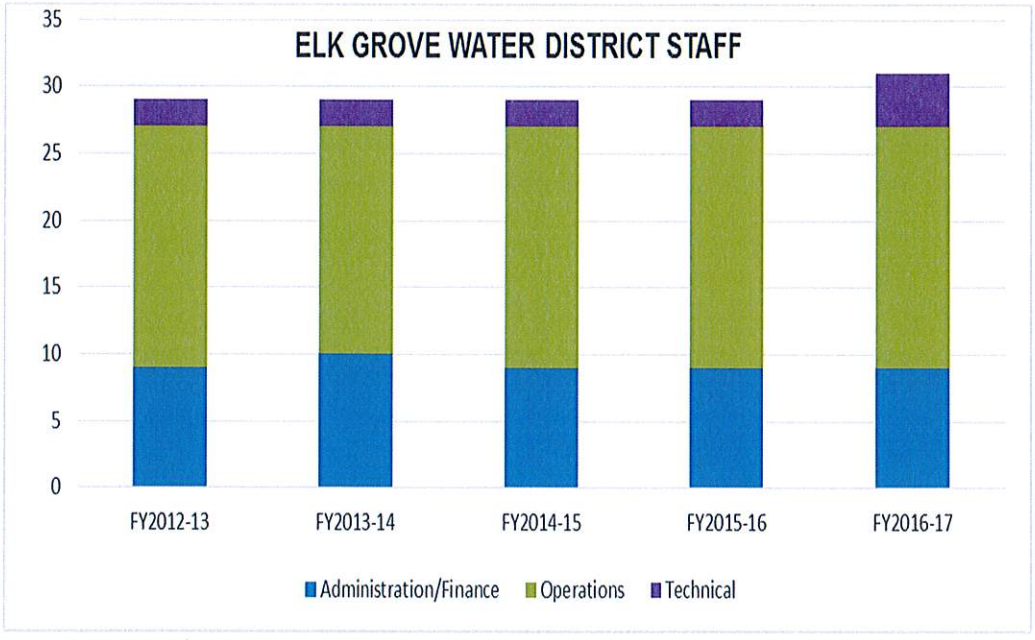
ELK GROVE WATER DISTRICT ORGANIZATION CHART



LEADERSHIP TEAM

Mark J. Madison, P.E.	General Manager
Bruce Kamilos, P.E.	Assistant General Manager
Vacant	Associate Civil Engineer
Jim Malberg	Finance Manager
Donella Murrilo	Finance Supervisor
Stefani Phillips	Human Resources Administrator
Vacant	Program Manager
Steve Shaw	Water Treatment Supervisor
Richard Salas	Water Distribution Supervisor
Jose Carrillo	Water Distribution Supervisor

STAFF POSITIONS BY DIVISION



ELK GROVE WATER DISTRICT STAFF

	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17
Administration & Finance					
General Manager	1	1	1	1	1
Finance Manager	1	1	1	1	1
Management Analyst	1	1	1	1	0
Program Manager	0	0	0	0	1
Human Resources Specialist	1	1	1	1	0
Human Resources Administrator	0	0	0	0	1
Administrative Assistant II (Confidential)	0	1	1	1	1
Finance Supervisor	1	1	1	1	1
Senior Utility Billing Specialist	1	1	1	1	1
Utility Billing Specialist	0	0	0	0	1
Customer Service Representative I	2	0	0	0	0
Customer Service Representative II	0	2	2	2	1
Meter Reader	1	1	0	0	0
Department Total	9	10	9	9	9
Technical Services					
Assistant General Manager	0	0	0	0	1
Associate Civil Engineer	1	1	1	1	1
Administrative Assistant II	0	0	0	0	1
GIS Technician I	1	1	1	1	0
GIS Technician II					1
Department Total	2	2	2	2	4
Operations					
Foremen	3	3	3	3	0
Supervisors	0	0	0	0	3
Water Distribution Operator In Training	4	2	2	1	1
Water Distribution Operator I	3	4	5	5	5
Water Distribution Operator II	2	4	4	5	4
Water Distribution Operator III	0	2	2	2	3
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	0	0	0	0
Water Utility Operator II	2	0	0	0	0
Departmental Total	18	17	18	18	18
Organizational Total	29	29	29	29	31

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 Assistant General Manager is responsible for assisting the General Manager, as directed, with all aspects of the District's policies, procedures, programs and operations; and assumes the duties and responsibilities of the General Manager in his/her absence. In addition, the Assistant General Manager oversees the Technical Services Division and Capital Improvement Program.

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

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 2016-17 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.
- Develop the role(s) and associated funding structure for the Florin Resource Conservation District (FRCD).
- Actively participate in this region's efforts to form a Groundwater Sustainability Agency to comply with the requirements of the Sustainable Groundwater Management Act of 2014.
- Develop the FY 2018-23 FRCD/EGWD Strategic Plan
- Advance opportunities of potential groundwater recharge opportunities for the FRCD and the EGWD.
- Complete the fire system backflow prevention program associated and update the Backflow/Cross-Connection Control Program ordinance.
- Complete the evaluation of EGWD utility billing methods and implement changes as determined to be appropriate.
- Complete the changes to the EGWD banking and payment processing procedures.
- Complete all approved CIP projects identified in the EGWD FY 2016-17 CIP budget
- Complete a review and implement revisions to the EGWD procurement policies
- Complete the 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

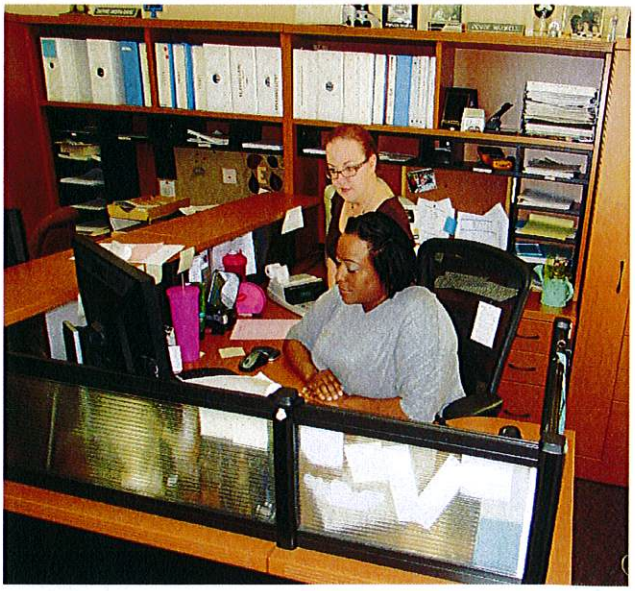
- Administer the classification and pay plan for EGWD to ensure that the pay and benefits package is competitive with the industry.
- Recruit qualified candidates for vacant positions and oversee the hiring process.
- Schedule training for employees, supervisors, and managers to maintain required compliance.
- 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.

Program Manager

- Implement an updated Water Conservation Program, including the development of a new Water Shortage Contingency Plan and enhanced public outreach
- Manage the District's Safety Program, including coordinating safety training, equipment inspections and other duties as the Safety Officer.
- Track State and Federal legislation, advise of bills important to the EGWD/FRCD, and work with associated agencies such as RWA and CSDA to lobby on issues of interest.
- Seek and obtain available grant opportunities for the EGWD and FRCD.
- Develop, implement, and conduct a new Public Information and Outreach Program, including the development of pre-drafted public notices and outreach materials, and the issuance of regular newsletters and bill inserts to customers.

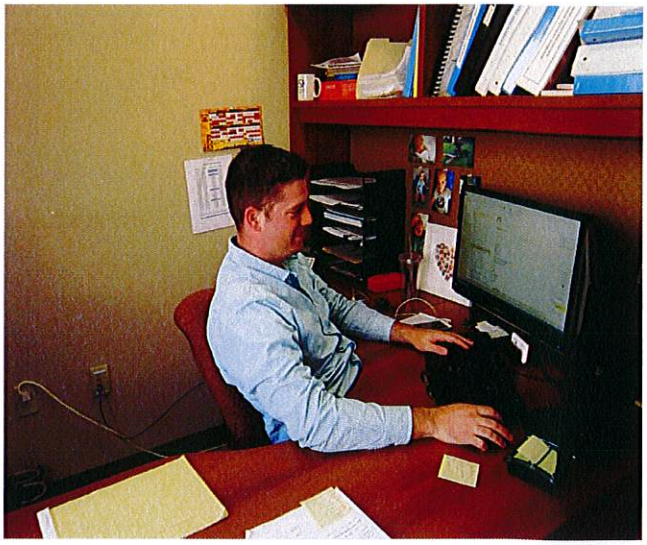
Finance

- 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.
- 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.
- Manage the EGWD investment portfolio 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 is responsible for developing and implementing the capital improvement program, and provides planning, engineering, construction management and technical support for EGWD operations. The Technical Services division includes the Assistant General Manager, Associate Civil Engineer (position currently vacant), Geographic Information System (GIS) Technician, and Administrative Assistant. The division is headed by the Assistant General Manager who reports to the General Manager.



FY 2016-17 OBJECTIVES

Technical Services

- Complete all required CIP projects identified in the FY 2016-17 CIP budget.
- Develop the FY 2018-2022 CIP for the next fiscal year.
- Provide technical support as needed to the Utility Department for the construction of the Service Line Replacements project, Kent Street Water Main project, the Business Center-CSD Building Water Main project, and the Fiber Optic Cable project.
- Provide technical support as needed to the Treatment and Distribution Departments.
- Participate in the region's efforts to form a Groundwater Sustainability Agency to comply with the requirements of the Sustainable Groundwater Management Act of 2014.
- Manage the Geographic Information System.
- Manage the 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.

FY 2016-17 OBJECTIVES

Treatment Department

- Operate and maintain of EGWD's water supply and treatment facilities ensuring safe and reliable water supplies to customers.
- Maintain strict compliance with all requirements imposed by the local, State, and Federal regulatory agencies with the intent of safeguarding public health and the environment.
- Complete the development of the fire system backflow prevention program
- Manage the Domestic Backflow/Cross-Connection Control Program.
- Operate the Hampton Water Treatment Plant after the conversion to arsenic treatment is complete

Distribution Department

- Repair and maintain EGWD's water distribution system, responding to emergencies quickly and minimizing the loss of potable water.
- Maintain EGWD's fire hydrants, ensuring reliability of fire flows during emergencies.
- Maintain the valve exercising program, ensuring that every valve is checked and exercised every three years.
- Conduct meter reading, maintains a balanced program of reading each customer's meter between 28-32 days.
- Field customer service requests and conduct first-call responses.
- Respond to all Underground Service Alert requests within 48 hours in compliance with State law.
- Abide by all State and Federal regulations regarding repairs that impact potable water.

Utility Department

- Advance the Service Line Replacements project, combining certain installations with the water main replacement projects.
- Construct the Kent St. Water Main, and Business Center-CSD Water Main projects to improve the water distribution system.
- Construct the Fiber Optic Cable project associated with the proposed I.T. center at the Railroad Water Treatment Facility.
- Provide 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
Long-Term Indebtedness to Maturity

Payment Date	Total Principal	Total Interest	Fiscal Year Total
9/1/2016	1,065,000.00	813,859.38	
3/1/2017	-	936,059.38	2,814,918.76
9/1/2017	1,990,000.00	936,059.38	
3/1/2018	-	897,289.38	3,823,348.76
9/1/2018	2,070,000.00	897,289.38	
3/1/2019	-	856,619.38	3,823,908.76
9/1/2019	2,165,000.00	856,619.38	
3/1/2020	-	805,119.38	3,826,738.76
9/1/2020	2,300,000.00	805,119.38	
3/1/2021	-	750,349.38	3,855,468.76
9/1/2021	2,440,000.00	750,349.38	
3/1/2022	-	692,149.38	3,882,498.76
9/1/2022	2,560,000.00	692,149.38	
3/1/2023	-	631,054.38	3,883,203.76
9/1/2023	2,675,000.00	631,054.38	
3/1/2024	-	580,939.38	3,886,993.76
9/1/2024	2,780,000.00	580,939.38	
3/1/2025	-	527,089.38	3,888,028.76
9/1/2025	2,935,000.00	527,089.38	
3/1/2026	-	479,413.13	3,941,502.51
9/1/2026	3,075,000.00	479,413.13	
3/1/2027	-	426,633.75	3,981,046.88
9/1/2027	3,180,000.00	426,633.75	
3/1/2028	-	370,576.25	3,977,210.00
9/1/2028	3,295,000.00	370,576.25	
3/1/2029	-	310,960.00	3,976,536.25
9/1/2029	3,430,000.00	310,960.00	
3/1/2030	-	234,170.00	3,975,130.00
9/1/2030	3,595,000.00	234,170.00	
3/1/2031	-	158,190.00	3,987,360.00
9/1/2031	3,745,000.00	158,190.00	
3/1/2032	-	80,735.00	3,983,925.00
9/1/2032	3,900,000.00	80,735.00	
3/1/2033	-	-	3,980,735.00
Totals	**47,200,000.00**	**18,288,554.48**	**65,488,554.48**

Notes

(1) Amounts paid in FY 2015/16 prior to the refunding

(2) Prior certificates accrued interest paid at closing and contributed as a source of funds to the 2016 Series A Bonds

Elk Grove Water District

Fiscal Year 2016-17

Long-Term Indebtedness

Schedule of Required Payments

Series	Description	Principal	Interest	Total Payment
2002 A	Refunding COP, EGWD	$ 375,000	$ 7,969	$ 382,969
2002 B	Capital Improvement COP, EGWD	-	-	-
2003 A	Capital Improvement COP, EGWD	-	-	-
2005 A	Capital Improvement COP, EGWD	-	-	-
2014 A	Water Revenue Refunding Bonds	715,000	1,363,519	2,078,519
2016 A	Water Revenue Refunding Bonds	350,000	386,400	736,400
	TOTAL DEBT SERVICE PAYMENTS	$ 1,440,000	$ 1,757,888	$ 3,197,888

Debt Service Coverage Ratio

Required	Ratio
Debt Covenant - 1.15	1.54

Net Income	$ 4,920,241
Total COP Debt Service	$ 3,197,888

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 2016-17 Budget

Draft No. 2 - 5.19.16

Key
Mark & Steve - 500
Bruce - 560
Mark - 610
Stefani - 620
Ellen - 640
Donella - 650
Admin - 700

Revenues

Account	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Y-T-D - 3-31-16	FY 15-16 Projected		Ops 500	Tech Services 560	GM 610	HR 620	PM 640	Finance 650	Admin 700	FY 16-17 Budget	Difference Dollars	Difference Percentage
4100	Water Payment Revenues - Residential	$11,760,577	$11,166,355	$11,248,017	$11,461,456	$ 8,347,155	$ 11,124,437	-2.94%							11,929,493	$11,929,493	**468,037**	**4.19%**
4110	Water Payment Revenues - Commercial	1,917,358	1,715,300	1,590,139	1,528,307	$ 1,082,153	$ 1,442,208	-5.63%							1,460,916	$1,460,916	**(67,391)**	**-3.93%**
4120	Water Payment Revenues - Fire Service	368,007	262,293	126,084	126,686	$ 97,087	$ 129,390	2.13%							133,749	$133,749	**7,063**	**2.69%**
4200	Meter Fees/Plan Check/Water Capacity	101,020	68,128	29,346	26,000	$ 141,670	$ 147,786	468.41%							30,000	$30,000	**4,000**	**5.87%**
4300	Backflow Install:Fin-EGWS	-	14,138	70,456	75,000	$ 41,099	$ 54,799	-26.93%							50,000	50,000	**(25,000)**	**-176.83%**
4520	Door Hanger Fees	116,675	121,300	121,950	130,000	$ 84,150	$ 112,200	-13.69%							112,000	$112,000	**(18,000)**	**-14.84%**
4540	New account Fees	27,750	28,530	24,330	25,000	$ 18,150	$ 24,200	-3.20%							24,000	$24,000	**(1,000)**	**-3.51%**
4550	NSF Fees	2,192	3,465	2,975	3,000	$ 1,890	$ 2,520	-16.00%							2,500	$2,500	**(500)**	**-14.43%**
4570	Shut-off Fees		67,372	60,400	64,000	$ 32,250	$ 43,000								45,000	$45,000	**(19,000)**	
4580	Restoration Fees	76,078	225	100	-	$ 200	$ 100	#DIV/0!							-	$0	-	
4590	Credit Card Fees	7,286	7,470	5,505	6,500	$ 6,125	$ 8,167	25.64%							8,000	$8,000	**1,500**	**20.08%**
4900	Customer Refunds	(65,835)	(21,205)	(93,464)	(60,000)	$ (11,030)	$ (14,706)	-75.49%							(50,000)	($50,000)	**10,000**	**-47.16%**
4700	Rental Income	1,684	1,823	-	-		$ -								-	$0	-	**0.00%**
	TOTAL GROSS REVENUES	**14,312,791**	**13,435,194**	**13,185,839**	**13,385,949**	**9,840,899**	**13,074,100**	**-2.33%**	**$0**		**$0**	**$0**	**$0**	**$0**	**$13,745,658**	**$13,745,658**	**359,709**	**2.68%**

Expenditures

1. Direct Expenses

Account	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Y-T-D - 3-31-16	FY 15-16 Projected		Ops 500	Tech Services 560	GM 610	HR 620	PM 640	Finance 650	Admin 700	FY 16-17 Budget	Difference	
	Salaries & Benefits																	
5100	Executive Salary	$131,051	$150,220	$153,097	$140,194	123,904	$ 165,206	17.84%			$189,122					189,122	**48,928**	**34.90%**
5110	Exempt Salaries	409,641	490,178	476,125	471,721	379,771	$ 506,361	7.34%	-	198,432		93,067	93,987	219,679		605,166	**133,445**	**28.29%**
5120	Non-Exempt Salaries	1,068,747	984,040	1,183,188	1,302,819	1,007,818	$ 1,343,757	3.14%	1,127,277	94,929		92,647		156,897		1,471,750	**168,931**	**12.97%**
5130	Overtime Compensation	65,613	43,062	45,062	57,800	35,844	$ 47,792	-17.31%	51,000	2,500		1,000		1,800		56,300	**(1,500)**	**-2.60%**
5140	On Call Pay	18,620	18,320	18,270	18,250	14,035	$ 18,713	2.54%	18,250							18,250	**0**	**0.00%**
5150	Holiday Pay	79,833	81,914	88,233	114,577	90,165	$ 120,219	4.92%	63,875	17,528	-	8,402	5,572	22,366		117,743	**3,166**	**2.76%**
5160	Vacation Pay	90,775	118,645	109,284	118,617	82,542	$ 110,055	-7.22%	63,863	13,926	-	11,131	3,715	23,298		115,933	**(2,684)**	**-2.26%**
5170	Personal Time Pay	79,814	74,870	79,245	91,662	74,292	$ 99,056	8.07%	44,503	12,124	-	8,881	4,458	10,978		80,944	**(10,718)**	**-11.69%**
5180	Internship Program	-	-	-	-	-	$ -				-					0	**0**	**0.00%**
5200	Medical Benefits	414,536	372,689	499,325	622,871	448,791	$ 598,388	-3.93%	385,150	87,528	26,376	45,402	26,376	133,252		704,084	**81,213**	**13.04%**
5195	EAP	1,267	883	820	880	645	$ 860	-2.37%	557	124	31	62	31	155		960	**80**	**9.03%**
5210	Dental/Vision/Life Insurance	45,789	41,289	50,983	57,837	42,222	$ 56,296	-2.66%	37,279	10,149	5,764	3,873	2,642	9,289		68,995	**11,158**	**19.29%**
5220	Retirement Benefits	293,259	260,687	273,439	297,548	231,160	$ 308,214	3.58%	187,763	51,525	28,604	24,699	16,379	65,745		374,713	**77,166**	**25.93%**
5225	Retirement Benefits - Post Employment	93,686	68,355	73,169	100,000	17,549	$ 96,055	-3.95%							103,362	103,362	**3,362**	**3.36%**
5230	Medical Tax, Social Security and SUI	40,093	44,880	45,161	56,763	39,534	$ 52,712	-7.14%	33,210	8,311	3,571	4,054	2,410	10,516		62,072	**5,309**	**9.35%**
5240	Worker's Compensation Insurance	52,924	55,314	78,504	98,014	109,057	$ 109,057	11.27%	85,169	5,330	12,975	2,113	1,401	5,624		112,612	**14,598**	**14.89%**
5250	Education Assistance	-	1,290	4,687	18,000	3,910	$ 5,213	-71.04%	4,000	-		-		5,000		9,000	**(9,000)**	**-50.00%**
5260	Employee Training	13,992	21,896	15,103	28,203	4,964	$ 6,619	-76.53%	16,350	3,500	-	5,900	2,000	500		28,250	**48**	**0.17%**
5270	Employee Recognition	409	910	2,694	2,920	1,149	$ 1,533	-47.51%		100	500	2,000	420			3,020	**100**	**3.42%**
5280	Meetings	376	203	286	1,500	238	$ 317	-78.88%	180	300	400	300	200	100		1,480	**(20)**	**-1.33%**
	Category Subtotal	**$2,900,424**	**$2,829,645**	**$3,196,675**	**$3,600,175**	**$2,707,589**	**3,646,423**	**1.28%**	**$2,118,426**	**$506,306**	**$267,342**	**$303,532**	**$159,590**	**$665,197**	**$103,362**	**$ 4,123,755**	**523,581**	**14.54%**
	Seminars, Conventions and Travel																	
5300-20	Airfare	$ 1,317	$ 318	$ 3,035	$ 4,750	1,902	2,535	-46.62%	800	750	$900	$1,000	450	$800		4,700	**(50)**	**-1.05%**
5310-20	Hotels	3,397	5,000	6,318	11,050	8,752	11,670	5.61%	1,000	1,500	2,200	2,500	1,100	2,400		10,700	**(350)**	**-3.17%**
5320-20	Meals	2,046	2,371	4,109	5,210	4,657	6,210	19.19%	800	500	3,260	600	440	600		6,200	**990**	**19.00%**
5330-20	Auto Rental	372	131	336	2,000	1,157	1,542	-22.89%	300	500	1,000	500	-	300		2,600	**600**	**30.00%**
5340-20	Seminars & Conferences	5,503	3,160	6,630	9,450	6,455	8,607	-8.92%	1,200	2,500	1,500	2,100	500	1,300		9,100	**(350)**	**-3.70%**
5345-20	Seminars & Conferences - Board	95	1,435	-	5,200	-	-	-100.00%			3,820					3,820	**(1,380)**	**-26.54%**
5350-20	Mileage Reimbursement, Parking, Tolls	586	1,395	1,391	1,690	4,652	6,203	267.02%	200	200	-	300	150	600		1,450	**(240)**	**-14.20%**
5375-20	Auto/Telephone Allowance	5,166	4,840	4,840	4,800	3,700	4,933	2.78%			6,000					6,000	**1,200**	**25.00%**
	Category Subtotal	**$18,483**	**$18,650**	**$26,659**	**$44,150**	**$31,275**	**41,700**	**-5.55%**	**$4,300**	**$5,950**	**$18,680**	**$7,000**	**$2,640**	**$6,000**	**$0**	**$ 44,570**	**420**	**0.95%**
	Office & Operational																	
5410	Advertising	$ 3,203	$ 3,754	$ 11,239	$ 6,200	5,198	6,931	11.79%				$3,000	$32,500			35,500	**29,300**	**472.58%**
5415	Association Dues	53,716	53,823	61,518	72,170	66,861	89,148	23.52%	1,090	220		-		650	74,100	76,060	**3,890**	**5.39%**
5420	Insurance	83,098	68,865	76,462	75,000	74,153	74,153	-1.13%							79,900	79,900	**4,900**	**6.53%**
5425	Licenses, Certifications, Fees	18,446	5,809	13,488	9,700	2,685	3,580	-63.09%	8,800	350		-	100	600		9,850	**150**	**1.55%**
5430	Repairs & Maintenance - Automotive	19,459	16,585	28,486	40,300	21,746	28,994	-28.05%	26,500	500				800		27,800	**(12,500)**	**-31.02%**
5432	Repairs & Maintenance - Building	10,643	14,197	9,067	13,500	9,623	12,830	-4.96%	12,000						4,500	16,500	**3,000**	**22.22%**
5434	Repairs & Maintenance - Computers	50,282	1,839	21,591	24,800	12,369	16,492	-33.50%	10,900	350				10,900		22,150	**(2,650)**	**-10.69%**
5435	Repairs & Maintenance - Equipment	37,055	52,278	94,204	108,000	31,163	41,551	-61.53%	63,350					-		63,350	**(44,650)**	**-41.34%**
5438	Fuel	41,505	41,338	38,424	63,600	22,973	30,631	-51.84%	50,000	1,000				600		51,600	**(12,000)**	**-18.87%**
5440	Materials	149,957	143,564	268,654	206,000	45,835	61,113	-70.33%	90,000							90,000	**(116,000)**	**-56.31%**
5445	Chemicals	24,955	48,945	14,813	12,000	8,904	11,872	-1.07%	115,000							115,000	**103,000**	**858.33%**
5450	Meter Repairs	553	91	5,179	9,000	6,313	8,418	-6.47%	12,000							12,000	**3,000**	**33.33%**
5453	Permits	7,380	31,193	39,318	39,620	24,536	32,714	-17.43%	49,150						35,650	84,800	**45,180**	**114.03%**
5455	Postage	58,421	65,773	73,556	59,300	40,379	53,838	-9.21%				300	13,000		59,100	72,400	**13,100**	**22.09%**
5460	Printing	5,849	8,086	14,693	15,400	2,730	3,639	-76.37%		300		1,000	9,750	3,000		14,050	**(1,350)**	**-8.76%**
5465	Safety Equipment	1,773	12,993	3,428	11,950	3,919	5,226	-56.27%	10,000	100			10,000			20,100	**8,150**	**68.20%**
5470	Software Programs & Updates	58,040	114,981	146,911	108,744	70,756	94,341	-13.24%	36,036	27,500		-		31,391		94,927	**(13,817)**	**-12.71%**
5475	Supplies	62,426	22,421	29,849	30,295	22,543	30,058	-0.78%	18,600	1,700		2,500	-	-	14,000	36,800	**6,505**	**21.47%**

Account	Description	FY 12-13 Actual	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Budget	FY 15-16 Y-T-D - 3-31-16	FY 15-16 Projected		Ops 500	Tech Services 560	GM 610	HR 620	PM 640	Finance 650	Admin 700	FY 16-17 Budget	Difference	
5480	Telephone	32,972	38,333	35,983	29,505	25,002	33,336	12.99%	27,957					8,652		36,609	7,104	24.08%
5485	Tools	7,282	24,069	23,834	5,329	5,727	7,635	43.28%	8,500	1,500					2,500	12,500	7,171	134.57%
5490	Clothing Allowance	8,305	9,901	7,449	10,500	4,490	5,987	-42.98%	9,500	700				-		10,200	(300)	-2.86%
5491	EGWD Other Clothing	$0	7,644	7,782	12,289	6,527	8,702	-29.19%	12,000							12,000	(289)	-2.35%
5493	Water Conservation Materials				30,000	3,869	5,159						30,000			30,000	-	
	Category Subtotal	**$735,323**	**$786,482**	**$1,025,927**	**$993,202**	**$518,300**	**$666,350**	**-32.91%**	**$561,383**	**$34,220**	**$0**	**$6,800**	**$95,350**	**$56,593**	**$269,750**	**1,024,097**	**30,895**	**3.11%**
5495	**Purchased Water**	**2,517,816**	**2,656,509**	**2,587,097**	**2,891,709**	**1,689,163**	**2,252,217**	**-22.11%**	**2,922,734**							**2,922,734**	**31,025**	**1.07%**
	Outside Services																	
5505	Administration Services	$1,155	$ 1,012	$ 2,252	$ 6,000	564	752	-87.47%				$1,500	$0	$0		1,500	(4,500)	-75.00%
5510	Bank Charges	41,787	47,799	62,586	62,400	52,560	70,080	12.31%						96,000		96,000	33,600	53.85%
5515	Billing Services	26,484	28,308	26,657	26,400	17,241	22,987	-12.93%						28,800		28,800	2,400	9.09%
5520	Contracted Services	127,963	136,029	240,381	248,836	212,356	283,142	13.79%	10,000		5,000	18,500	49,000	5,200	205,100	292,800	43,965	17.67%
5523	Water Conservation Services			-	20,000	19,571	26,095						32,500			32,500	12,500	62.50%
5525	Accounting Services	63,788	43,344	26,615	35,000	22,908	30,544	-12.73%						35,000		35,000	0	0.00%
5530	Engineering	1,400	14,798	92,044	80,000	6,626	8,834	-88.96%		50,000						50,000	(30,000)	-37.50%
5535	Legal Services	169,632	98,307	124,744	205,000	70,471	93,961	-54.17%			205,000					205,000	0	0.00%
5540	Financial Consultants	86,998	29,653	68,601	10,000	-	-	-100.00%						10,000		10,000	0	0.00%
5545	Community Relations	10,118	14,065	19,587	16,200	10,445	13,927	-14.03%			1,200		15,000			16,200	0	0.00%
5552	Misc. Medical	2,354	2,086	1,485	2,000	1,067	1,423	-28.87%				2,500				2,500	500	25.00%
5550	Pre-employment	1,817	630	6,508	10,000	493	657	-93.43%				10,000				10,000	0	0.00%
5555	Janitorial	3,885	5,935	6,299	6,500	4,635	6,180	-4.92%	3,000						3,300	6,300	(200)	-3.08%
5560	Bond Administration	7,366	7,353	6,917	8,500	12,042	16,056	88.89%							8,500	8,500	0	0.00%
5570	Security	31,682	26,412	30,706	26,500	5,663	7,550	-71.51%	15,000						8,700	23,700	(2,800)	-10.57%
5575	Sampling	16,256	23,858	35,513	45,647	11,504	15,339	-66.40%	35,000							35,000	(10,647)	-23.32%
5580	Board Secretary/Treasurer	3,150	3,025	3,025	3,000	2,000	2,667	-11.11%				-		-			(3,000)	-100.00%
	Category Subtotal	**$595,834**	**$482,614**	**$753,921**	**$811,983**	**$450,144**	**$600,193**	**-26.08%**	**$63,000**	**$50,000**	**$211,200**	**$32,500**	**$96,500**	**$175,000**	**$225,600**	**853,800**	**41,818**	**5.15%**
	Equipment Rent, Taxes and Utilities																	
5610	Occupancy	-$9,367		$0		-												
5620	Equipment Rental	37,552	$38,047	$16,392	$29,500	9,076	12,101	-58.98%	$10,000	-					$12,000	22,000	(7,500)	-25.42%
5710	Property Taxes	3,464	3,992	4,701	4,700	1,328	1,771	-62.32%							1,500	1,500	(3,200)	-68.09%
5720	Water	1,087		-	-	-	-									0	0	
5740	Electricity	359,504	333,039	295,131	379,000	190,086	253,448	-33.13%	325,814						9,000	334,814	(44,186)	-11.66%
5750	Natural Gas	286	437	416	500	374	498	-0.33%							600	600	100	19.91%
5760	Sewer & Garbage	24,138	19,273	22,950	29,700	12,965	17,286	-41.80%	20,000						5,900	25,900	(3,800)	-12.80%
	Category Subtotal	**$416,662**	**$394,788**	**$339,590**	**$443,400**	**$213,828**	**$285,104**	**-35.70%**	**$355,813**	**$0**	**$0**	**$0**	**$0**	**$0**	**$29,000**	**384,813**	**(58,587)**	**-13.21%**
	Gross O&M Expenses	**$7,184,542**	**$7,168,688**	**$7,929,869**	**$8,784,618**	**$5,610,300**	**$7,491,986**	**-14.71%**	**$3,102,922**	**$596,476**	**$497,222**	**$349,832**	**$354,080**	**$902,790**	**$627,712**	**9,353,769**	**569,151**	**6.48%**
	Less: Capitalized Expenditures	-	(538,181)	(470,098)	(509,238)	(509,238)	(509,238)	**0.00%**		0	0	0	0	0	0	**(528,352)**	**(19,114)**	**3.75%**
	Net O&M Expenses	**$7,184,542**	**$6,630,507**	**$7,459,771**	**$8,275,380**	**$5,101,063**	**$6,982,749**	**-15.62%**	**$3,102,922**	**$596,476**	**$497,222**	**$349,832**	**$354,080**	**$902,790**	**$627,712**	**$8,825,417**	**550,037**	**6.65%**
	Net Revenues	**$ 7,128,249**	**$ 6,804,687**	**$ 5,726,067**	**$ 5,110,569**	**$ 4,739,837**	**$ 6,091,352**	**19.19%**								**$4,920,241**	**(190,328)**	**-3.72%**
	2. Capital Improvement Funding																	
1730	**Meters**				$0				$0						0	**0**		
1745	**Transportation Equipment**				$0										0	**0**		
1760/1765	**Capital Equipment & Expenditures**		96,290		-									-	-	0	**0**	
1705	**Non-Project Capital Expenses**		35,000		-				-						-	-	**0**	
3560	**Repair & Replacement Reserve**				851,472	638,604	851,472								731,000	731,000	**(120,472)**	
3565	**Long-Term Capital Improvement Reserve**				698,528	523,896	698,528								969,000	969,000	**270,472**	
	Contribution to Reserves														-	-		
	TOTAL CAPITALIZED EXPENSES	**$0**	**$131,290**	**$0**	**$1,550,000**	**$1,162,500**	**$1,550,000**		**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,700,000**	**1,700,000**	**150,000**	**9.68%**
	3. Nonoperating Revenue / (Expenses)																	
6440	**Depreciation**	$1,687,331	$2,054,712	$1,696,678	$0	-	-								$0	-	**0**	
6450	**Amortization**	(5,579)		-	-	-	-									-	**0**	
7300	**Debt Service (Bond Interest Expense)**	2,624,774	2,580,129	2,289,556	2,225,240	1,668,930	2,225,240	0.00%							1,757,900	1,757,900	**(467,340)**	**-21.00%**
7310	**Discount Amortization Expense**	28,344	28,229	-	-	-	-								-	-	**0**	
7320	**Offering Expense - Deferred Charges**	-	103,476	471,504	-	-	-								-	-	**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	-	1,430,000	1,072,500	1,430,000	0.00%							1,440,000	1,440,000	**10,000**	**0.70%**
9910	Interest Earned	(20,886)	(18,188)	(19,970)	(20,000)	(7,628)	(10,171)	-49.14%							(100,000)	(100,000)	**(80,000)**	**400.00%**
9920	Other Income	(52,452)	(22,304)	(318,569)	-		-								(26,566)	(26,566)	**(26,566)**	
3500	**Contribution from Operating Reserves**			-	(74,671)	-	-	-100.00%							-	-	**74,671**	
9920-73	**Other Expenses (Toilet Program Costs, Other Income)**	1,659	-	-	-	-	-									-	**0**	
9950	**Election Costs**	1,660		103,700	-	-	-								108,000	108,000	**108,000**	
9970	**Rebate Program**			-	-		-							-		-	**0**	
	TOTAL OTHER EXPENSES	**$5,486,827**	**$6,016,040**	**$4,222,899**	**$3,560,569**	**$2,733,802**	**$3,645,069**	**2.37%**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$3,179,334**	**$3,179,334**	**(381,235)**	**-10.71%**
	TOTAL EXPENDITURES	**$12,671,369**	**$12,777,837**	**$11,682,670**	**$13,385,949**	**$8,997,364**	**$12,177,817**	-9.03%	**$3,102,922**	**$596,476**	**$497,222**	**$349,832**	**$354,080**	**$902,790**	**$5,507,046**	**$13,704,751**	**318,801**	**2.38%**
																	0	
	DISTRICT REVENUES IN EXCESS OF EXPENDITURES	**$1,641,422**	**$657,357**	**$1,503,169**	**$0**	**$843,535**	**$896,283**									**$40,907**	**$40,907**	

671,713	
115,000	786,713

ELK GROVE WATER DISTRICT

Salary Schedule

Annual, Monthly, Bi-Weekly & Hourly Wage

As of July 1, 2016

Grade	Step I	Step II	Step III	Step IV	Step V
1	$ 16,806.40	$ 17,638.40	$ 18,532.80	$ 19,448.00	$ 20,425.60
	$ 1,400.53	$ 1,469.87	$ 1,544.40	$ 1,620.67	$ 1,702.13
	$ 646.40	$ 678.40	$ 712.80	$ 748.00	$ 785.60
	$ 8.08	$ 8.48	$ 8.91	$ 9.35	$ 9.82
2	$ 17,222.40	$ 18,096.00	$ 18,990.40	$ 19,947.20	$ 20,945.60
	$ 1,435.20	$ 1,508.00	$ 1,582.53	$ 1,662.27	$ 1,745.47
	$ 662.40	$ 696.00	$ 730.40	$ 767.20	$ 805.60
	$ 8.28	$ 8.70	$ 9.13	$ 9.59	$ 10.07
3	$ 17,638.40	$ 18,532.80	$ 19,448.00	$ 20,425.60	$ 21,444.80
	$ 1,469.87	$ 1,544.40	$ 1,620.67	$ 1,702.13	$ 1,787.07
	$ 678.40	$ 712.80	$ 748.00	$ 785.60	$ 824.80
	$ 8.48	$ 8.91	$ 9.35	$ 9.82	$ 10.31
4	$ 18,096.00	$ 18,990.40	$ 19,947.20	$ 20,945.60	$ 21,985.60
	$ 1,508.00	$ 1,582.53	$ 1,662.27	$ 1,745.47	$ 1,832.13
	$ 696.00	$ 730.40	$ 767.20	$ 805.60	$ 845.60
	$ 8.70	$ 9.13	$ 9.59	$ 10.07	$ 10.57
5	$ 18,532.80	$ 19,448.00	$ 20,425.60	$ 21,444.80	$ 22,526.40
	$ 1,544.40	$ 1,620.67	$ 1,702.13	$ 1,787.07	$ 1,877.20
	$ 712.80	$ 748.00	$ 785.60	$ 824.80	$ 866.40
	$ 8.91	$ 9.35	$ 9.82	$ 10.31	$ 10.83
6	$ 18,990.40	$ 19,947.20	$ 20,945.60	$ 21,985.60	$ 23,088.00
	$ 1,582.53	$ 1,662.27	$ 1,745.47	$ 1,832.13	$ 1,924.00
	$ 730.40	$ 767.20	$ 805.60	$ 845.60	$ 888.00
	$ 9.13	$ 9.59	$ 10.07	$ 10.57	$ 11.10
7	$ 19,448.00	$ 20,425.60	$ 21,444.80	$ 22,526.40	$ 23,649.60
	$ 1,620.67	$ 1,702.13	$ 1,787.07	$ 1,877.20	$ 1,970.80
	$ 748.00	$ 785.60	$ 824.80	$ 866.40	$ 909.60
	$ 9.35	$ 9.82	$ 10.31	$ 10.83	$ 11.37
8	$ 19,947.20	$ 20,945.60	$ 21,985.60	$ 23,088.00	$ 24,232.00
	$ 1,662.27	$ 1,745.47	$ 1,832.13	$ 1,924.00	$ 2,019.33
	$ 767.20	$ 805.60	$ 845.60	$ 888.00	$ 932.00
	$ 9.59	$ 10.07	$ 10.57	$ 11.10	$ 11.65
9	$ 20,425.60	$ 21,444.80	$ 22,526.40	$ 23,649.60	$ 24,835.20
	$ 1,702.13	$ 1,787.07	$ 1,877.20	$ 1,970.80	$ 2,069.60
	$ 785.60	$ 824.80	$ 866.40	$ 909.60	$ 955.20
	$ 9.82	$ 10.31	$ 10.83	$ 11.37	$ 11.94
10	$ 20,945.60	$ 21,985.60	$ 23,088.00	$ 24,232.00	$ 25,459.20
	$ 1,745.47	$ 1,832.13	$ 1,924.00	$ 2,019.33	$ 2,121.60
	$ 805.60	$ 845.60	$ 888.00	$ 932.00	$ 979.20
	$ 10.07	$ 10.57	$ 11.10	$ 11.65	$ 12.24

ELK GROVE WATER DISTRICT

Salary Schedule

Annual, Monthly, Bi-Weekly & Hourly Wage

As of July 1, 2016

Grade	Step I	Step II	Step III	Step IV	Step V
11	$ 21,444.80	$ 22,526.40	$ 23,649.60	$ 24,835.20	$ 26,062.40
	$ 1,787.07	$ 1,877.20	$ 1,970.80	$ 2,069.60	$ 2,171.87
	$ 824.80	$ 866.40	$ 909.60	$ 955.20	$ 1,002.40
	$ 10.31	$ 10.83	$ 11.37	$ 11.94	$ 12.53
12	$ 21,985.60	$ 23,088.00	$ 24,232.00	$ 25,459.20	$ 26,728.00
	$ 1,832.13	$ 1,924.00	$ 2,019.33	$ 2,121.60	$ 2,227.33
	$ 845.60	$ 888.00	$ 932.00	$ 979.20	$ 1,028.00
	$ 10.57	$ 11.10	$ 11.65	$ 12.24	$ 12.85
13	$ 22,526.40	$ 23,649.60	$ 24,835.20	$ 26,062.40	$ 27,372.80
	$ 1,877.20	$ 1,970.80	$ 2,069.60	$ 2,171.87	$ 2,281.07
	$ 866.40	$ 909.60	$ 955.20	$ 1,002.40	$ 1,052.80
	$ 10.83	$ 11.37	$ 11.94	$ 12.53	$ 13.16
14	$ 23,088.00	$ 24,232.00	$ 25,459.20	$ 26,728.00	$ 28,059.20
	$ 1,924.00	$ 2,019.33	$ 2,121.60	$ 2,227.33	$ 2,338.27
	$ 888.00	$ 932.00	$ 979.20	$ 1,028.00	$ 1,079.20
	$ 11.10	$ 11.65	$ 12.24	$ 12.85	$ 13.49
15	$ 23,649.60	$ 24,835.20	$ 26,062.40	$ 27,372.80	$ 28,745.60
	$ 1,970.80	$ 2,069.60	$ 2,171.87	$ 2,281.07	$ 2,395.47
	$ 909.60	$ 955.20	$ 1,002.40	$ 1,052.80	$ 1,105.60
	$ 11.37	$ 11.94	$ 12.53	$ 13.16	$ 13.82
16	$ 24,232.00	$ 25,459.20	$ 26,728.00	$ 28,059.20	$ 29,452.80
	$ 2,019.33	$ 2,121.60	$ 2,227.33	$ 2,338.27	$ 2,454.40
	$ 932.00	$ 979.20	$ 1,028.00	$ 1,079.20	$ 1,132.80
	$ 11.65	$ 12.24	$ 12.85	$ 13.49	$ 14.16
17	$ 24,835.20	$ 26,062.40	$ 27,372.80	$ 28,745.60	$ 30,180.80
	$ 2,069.60	$ 2,171.87	$ 2,281.07	$ 2,395.47	$ 2,515.07
	$ 955.20	$ 1,002.40	$ 1,052.80	$ 1,105.60	$ 1,160.80
	$ 11.94	$ 12.53	$ 13.16	$ 13.82	$ 14.51
18	$ 25,459.20	$ 26,728.00	$ 28,059.20	$ 29,452.80	$ 30,929.60
	$ 2,121.60	$ 2,227.33	$ 2,338.27	$ 2,454.40	$ 2,577.47
	$ 979.20	$ 1,028.00	$ 1,079.20	$ 1,132.80	$ 1,189.60
	$ 12.24	$ 12.85	$ 13.49	$ 14.16	$ 14.87
19	$ 26,062.40	$ 27,372.80	$ 28,745.60	$ 30,180.80	$ 31,678.40
	$ 2,171.87	$ 2,281.07	$ 2,395.47	$ 2,515.07	$ 2,639.87
	$ 1,002.40	$ 1,052.80	$ 1,105.60	$ 1,160.80	$ 1,218.40
	$ 12.53	$ 13.16	$ 13.82	$ 14.51	$ 15.23
20	$ 26,728.00	$ 28,059.20	$ 29,452.80	$ 30,929.60	$ 32,489.60
	$ 2,227.33	$ 2,338.27	$ 2,454.40	$ 2,577.47	$ 2,707.47
	$ 1,028.00	$ 1,079.20	$ 1,132.80	$ 1,189.60	$ 1,249.60
	$ 12.85	$ 13.49	$ 14.16	$ 14.87	$ 15.62

ELK GROVE WATER DISTRICT

Salary Schedule

Annual, Monthly, Bi-Weekly & Hourly Wage

As of July 1, 2016

Grade	Step I	Step II	Step III	Step IV	Step V
21	$ 27,372.80	$ 28,745.60	$ 30,180.80	$ 31,678.40	$ 33,280.00
	$ 2,281.07	$ 2,395.47	$ 2,515.07	$ 2,639.87	$ 2,773.33
	$ 1,052.80	$ 1,105.60	$ 1,160.80	$ 1,218.40	$ 1,280.00
	$ 13.16	$ 13.82	$ 14.51	$ 15.23	$ 16.00
22	$ 28,059.20	$ 29,452.80	$ 30,929.60	$ 32,489.60	$ 34,112.00
	$ 2,338.27	$ 2,454.40	$ 2,577.47	$ 2,707.47	$ 2,842.67
	$ 1,079.20	$ 1,132.80	$ 1,189.60	$ 1,249.60	$ 1,312.00
	$ 13.49	$ 14.16	$ 14.87	$ 15.62	$ 16.40
23	$ 28,745.60	$ 30,180.80	$ 31,678.40	$ 33,280.00	$ 34,944.00
	$ 2,395.47	$ 2,515.07	$ 2,639.87	$ 2,773.33	$ 2,912.00
	$ 1,105.60	$ 1,160.80	$ 1,218.40	$ 1,280.00	$ 1,344.00
	$ 13.82	$ 14.51	$ 15.23	$ 16.00	$ 16.80
24	$ 29,452.80	$ 30,929.60	$ 32,489.60	$ 34,112.00	$ 35,817.60
	$ 2,454.40	$ 2,577.47	$ 2,707.47	$ 2,842.67	$ 2,984.80
	$ 1,132.80	$ 1,189.60	$ 1,249.60	$ 1,312.00	$ 1,377.60
	$ 14.16	$ 14.87	$ 15.62	$ 16.40	$ 17.22
25	$ 30,180.80	$ 31,678.40	$ 33,280.00	$ 34,944.00	$ 36,691.20
	$ 2,515.07	$ 2,639.87	$ 2,773.33	$ 2,912.00	$ 3,057.60
	$ 1,160.80	$ 1,218.40	$ 1,280.00	$ 1,344.00	$ 1,411.20
	$ 14.51	$ 15.23	$ 16.00	$ 16.80	$ 17.64
26	$ 30,929.60	$ 32,489.60	$ 34,112.00	$ 35,817.60	$ 37,606.40
	$ 2,577.47	$ 2,707.47	$ 2,842.67	$ 2,984.80	$ 3,133.87
	$ 1,189.60	$ 1,249.60	$ 1,312.00	$ 1,377.60	$ 1,446.40
	$ 14.87	$ 15.62	$ 16.40	$ 17.22	$ 18.08
27	$ 31,678.40	$ 33,280.00	$ 34,944.00	$ 36,691.20	$ 38,521.60
	$ 2,639.87	$ 2,773.33	$ 2,912.00	$ 3,057.60	$ 3,210.13
	$ 1,218.40	$ 1,280.00	$ 1,344.00	$ 1,411.20	$ 1,481.60
	$ 15.23	$ 16.00	$ 16.80	$ 17.64	$ 18.52
28	$ 32,489.60	$ 34,112.00	$ 35,817.60	$ 37,606.40	$ 39,478.40
	$ 2,707.47	$ 2,842.67	$ 2,984.80	$ 3,133.87	$ 3,289.87
	$ 1,249.60	$ 1,312.00	$ 1,377.60	$ 1,446.40	$ 1,518.40
	$ 15.62	$ 16.40	$ 17.22	$ 18.08	$ 18.98
29	$ 33,280.00	$ 34,944.00	$ 36,691.20	$ 38,521.60	$ 40,435.20
	$ 2,773.33	$ 2,912.00	$ 3,057.60	$ 3,210.13	$ 3,369.60
	$ 1,280.00	$ 1,344.00	$ 1,411.20	$ 1,481.60	$ 1,555.20
	$ 16.00	$ 16.80	$ 17.64	$ 18.52	$ 19.44
30	$ 34,112.00	$ 35,817.60	$ 37,606.40	$ 39,478.40	$ 41,454.40
	$ 2,842.67	$ 2,984.80	$ 3,133.87	$ 3,289.87	$ 3,454.53
	$ 1,312.00	$ 1,377.60	$ 1,446.40	$ 1,518.40	$ 1,594.40
	$ 16.40	$ 17.22	$ 18.08	$ 18.98	$ 19.93

ELK GROVE WATER DISTRICT

Salary Schedule

Annual, Monthly, Bi-Weekly & Hourly Wage

As of July 1, 2016

Grade	Step I	Step II	Step III	Step IV	Step V
31	$ 34,944.00	$ 36,691.20	$ 38,521.60	$ 40,435.20	$ 42,473.60
	$ 2,912.00	$ 3,057.60	$ 3,210.13	$ 3,369.60	$ 3,539.47
	$ 1,344.00	$ 1,411.20	$ 1,481.60	$ 1,555.20	$ 1,633.60
	$ 16.80	$ 17.64	$ 18.52	$ 19.44	$ 20.42
32	$ 35,817.60	$ 37,606.40	$ 39,478.40	$ 41,454.40	$ 43,534.40
	$ 2,984.80	$ 3,133.87	$ 3,289.87	$ 3,454.53	$ 3,627.87
	$ 1,377.60	$ 1,446.40	$ 1,518.40	$ 1,594.40	$ 1,674.40
	$ 17.22	$ 18.08	$ 18.98	$ 19.93	$ 20.93
33	$ 36,691.20	$ 38,521.60	$ 40,435.20	$ 42,473.60	$ 44,595.20
	$ 3,057.60	$ 3,210.13	$ 3,369.60	$ 3,539.47	$ 3,716.27
	$ 1,411.20	$ 1,481.60	$ 1,555.20	$ 1,633.60	$ 1,715.20
	$ 17.64	$ 18.52	$ 19.44	$ 20.42	$ 21.44
34	$ 37,606.40	$ 39,478.40	$ 41,454.40	$ 43,534.40	$ 45,697.60
	$ 3,133.87	$ 3,289.87	$ 3,454.53	$ 3,627.87	$ 3,808.13
	$ 1,446.40	$ 1,518.40	$ 1,594.40	$ 1,674.40	$ 1,757.60
	$ 18.08	$ 18.98	$ 19.93	$ 20.93	$ 21.97
35	$ 38,521.60	$ 40,435.20	$ 42,473.60	$ 44,595.20	$ 46,820.80
	$ 3,210.13	$ 3,369.60	$ 3,539.47	$ 3,716.27	$ 3,901.73
	$ 1,481.60	$ 1,555.20	$ 1,633.60	$ 1,715.20	$ 1,800.80
	$ 18.52	$ 19.44	$ 20.42	$ 21.44	$ 22.51
36	$ 39,478.40	$ 41,454.40	$ 43,534.40	$ 45,697.60	$ 47,985.60
	$ 3,289.87	$ 3,454.53	$ 3,627.87	$ 3,808.13	$ 3,998.80
	$ 1,518.40	$ 1,594.40	$ 1,674.40	$ 1,757.60	$ 1,845.60
	$ 18.98	$ 19.93	$ 20.93	$ 21.97	$ 23.07
37	$ 40,435.20	$ 42,473.60	$ 44,595.20	$ 46,820.80	$ 49,150.40
	$ 3,369.60	$ 3,539.47	$ 3,716.27	$ 3,901.73	$ 4,095.87
	$ 1,555.20	$ 1,633.60	$ 1,715.20	$ 1,800.80	$ 1,890.40
	$ 19.44	$ 20.42	$ 21.44	$ 22.51	$ 23.63
38	$ 41,454.40	$ 43,534.40	$ 45,697.60	$ 47,985.60	$ 50,398.40
	$ 3,454.53	$ 3,627.87	$ 3,808.13	$ 3,998.80	$ 4,199.87
	$ 1,594.40	$ 1,674.40	$ 1,757.60	$ 1,845.60	$ 1,938.40
	$ 19.93	$ 20.93	$ 21.97	$ 23.07	$ 24.23
39	$ 42,473.60	$ 44,595.20	$ 46,820.80	$ 49,150.40	$ 51,625.60
	$ 3,539.47	$ 3,716.27	$ 3,901.73	$ 4,095.87	$ 4,302.13
	$ 1,633.60	$ 1,715.20	$ 1,800.80	$ 1,890.40	$ 1,985.60
	$ 20.42	$ 21.44	$ 22.51	$ 23.63	$ 24.82
40	$ 43,534.40	$ 45,697.60	$ 47,985.60	$ 50,398.40	$ 52,915.20
	$ 3,627.87	$ 3,808.13	$ 3,998.80	$ 4,199.87	$ 4,409.60
	$ 1,674.40	$ 1,757.60	$ 1,845.60	$ 1,938.40	$ 2,035.20
	$ 20.93	$ 21.97	$ 23.07	$ 24.23	$ 25.44

ELK GROVE WATER DISTRICT

Salary Schedule

Annual, Monthly, Bi-Weekly & Hourly Wage

As of July 1, 2016

Grade	Step I	Step II	Step III	Step IV	Step V
41	$ 44,595.20	$ 46,820.80	$ 49,150.40	$ 51,625.60	$ 54,204.80
	$ 3,716.27	$ 3,901.73	$ 4,095.87	$ 4,302.13	$ 4,517.07
	$ 1,715.20	$ 1,800.80	$ 1,890.40	$ 1,985.60	$ 2,084.80
	$ 21.44	$ 22.51	$ 23.63	$ 24.82	$ 26.06
42	$ 45,697.60	$ 47,985.60	$ 50,398.40	$ 52,915.20	$ 55,556.80
	$ 3,808.13	$ 3,998.80	$ 4,199.87	$ 4,409.60	$ 4,629.73
	$ 1,757.60	$ 1,845.60	$ 1,938.40	$ 2,035.20	$ 2,136.80
	$ 21.97	$ 23.07	$ 24.23	$ 25.44	$ 26.71
43	$ 46,820.80	$ 49,150.40	$ 51,625.60	$ 54,204.80	$ 56,908.80
	$ 3,901.73	$ 4,095.87	$ 4,302.13	$ 4,517.07	$ 4,742.40
	$ 1,800.80	$ 1,890.40	$ 1,985.60	$ 2,084.80	$ 2,188.80
	$ 22.51	$ 23.63	$ 24.82	$ 26.06	$ 27.36
44	$ 47,985.60	$ 50,398.40	$ 52,915.20	$ 55,556.80	$ 58,323.20
	$ 3,998.80	$ 4,199.87	$ 4,409.60	$ 4,629.73	$ 4,860.27
	$ 1,845.60	$ 1,938.40	$ 2,035.20	$ 2,136.80	$ 2,243.20
	$ 23.07	$ 24.23	$ 25.44	$ 26.71	$ 28.04
45	$ 49,150.40	$ 51,625.60	$ 54,204.80	$ 56,908.80	$ 59,758.40
	$ 4,095.87	$ 4,302.13	$ 4,517.07	$ 4,742.40	$ 4,979.87
	$ 1,890.40	$ 1,985.60	$ 2,084.80	$ 2,188.80	$ 2,298.40
	$ 23.63	$ 24.82	$ 26.06	$ 27.36	$ 28.73
46	$ 50,398.40	$ 52,915.20	$ 55,556.80	$ 58,323.20	$ 61,256.00
	$ 4,199.87	$ 4,409.60	$ 4,629.73	$ 4,860.27	$ 5,104.67
	$ 1,938.40	$ 2,035.20	$ 2,136.80	$ 2,243.20	$ 2,356.00
	$ 24.23	$ 25.44	$ 26.71	$ 28.04	$ 29.45
47	$ 51,625.60	$ 54,204.80	$ 56,908.80	$ 59,758.40	$ 62,732.80
	$ 4,302.13	$ 4,517.07	$ 4,742.40	$ 4,979.87	$ 5,227.73
	$ 1,985.60	$ 2,084.80	$ 2,188.80	$ 2,298.40	$ 2,412.80
	$ 24.82	$ 26.06	$ 27.36	$ 28.73	$ 30.16
48	$ 52,915.20	$ 55,556.80	$ 58,323.20	$ 61,256.00	$ 64,313.60
	$ 4,409.60	$ 4,629.73	$ 4,860.27	$ 5,104.67	$ 5,359.47
	$ 2,035.20	$ 2,136.80	$ 2,243.20	$ 2,356.00	$ 2,473.60
	$ 25.44	$ 26.71	$ 28.04	$ 29.45	$ 30.92
49	$ 54,204.80	$ 56,908.80	$ 59,758.40	$ 62,732.80	$ 65,873.60
	$ 4,517.07	$ 4,742.40	$ 4,979.87	$ 5,227.73	$ 5,489.47
	$ 2,084.80	$ 2,188.80	$ 2,298.40	$ 2,412.80	$ 2,533.60
	$ 26.06	$ 27.36	$ 28.73	$ 30.16	$ 31.67
50	$ 55,556.80	$ 58,323.20	$ 61,256.00	$ 64,313.60	$ 67,516.80
	$ 4,629.73	$ 4,860.27	$ 5,104.67	$ 5,359.47	$ 5,626.40
	$ 2,136.80	$ 2,243.20	$ 2,356.00	$ 2,473.60	$ 2,596.80
	$ 26.71	$ 28.04	$ 29.45	$ 30.92	$ 32.46

ELK GROVE WATER DISTRICT

Salary Schedule

Annual, Monthly, Bi-Weekly & Hourly Wage

As of July 1, 2016

Grade	Step I	Step II	Step III	Step IV	Step V
51	$ 56,908.80	$ 59,758.40	$ 62,732.80	$ 65,873.60	$ 69,180.80
	$ 4,742.40	$ 4,979.87	$ 5,227.73	$ 5,489.47	$ 5,765.07
	$ 2,188.80	$ 2,298.40	$ 2,412.80	$ 2,533.60	$ 2,660.80
	$ 27.36	$ 28.73	$ 30.16	$ 31.67	$ 33.26
52	$ 58,323.20	$ 61,256.00	$ 64,313.60	$ 67,516.80	$ 70,907.20
	$ 4,860.27	$ 5,104.67	$ 5,359.47	$ 5,626.40	$ 5,908.93
	$ 2,243.20	$ 2,356.00	$ 2,473.60	$ 2,596.80	$ 2,727.20
	$ 28.04	$ 29.45	$ 30.92	$ 32.46	$ 34.09
53	$ 59,758.40	$ 62,732.80	$ 65,873.60	$ 69,180.80	$ 72,633.60
	$ 4,979.87	$ 5,227.73	$ 5,489.47	$ 5,765.07	$ 6,052.80
	$ 2,298.40	$ 2,412.80	$ 2,533.60	$ 2,660.80	$ 2,793.60
	$ 28.73	$ 30.16	$ 31.67	$ 33.26	$ 34.92
54	$ 61,256.00	$ 64,313.60	$ 67,516.80	$ 70,907.20	$ 74,443.20
	$ 5,104.67	$ 5,359.47	$ 5,626.40	$ 5,908.93	$ 6,203.60
	$ 2,356.00	$ 2,473.60	$ 2,596.80	$ 2,727.20	$ 2,863.20
	$ 29.45	$ 30.92	$ 32.46	$ 34.09	$ 35.79
55	$ 62,732.80	$ 65,873.60	$ 69,180.80	$ 72,633.60	$ 76,252.80
	$ 5,227.73	$ 5,489.47	$ 5,765.07	$ 6,052.80	$ 6,354.40
	$ 2,412.80	$ 2,533.60	$ 2,660.80	$ 2,793.60	$ 2,932.80
	$ 30.16	$ 31.67	$ 33.26	$ 34.92	$ 36.66
56	$ 64,313.60	$ 67,516.80	$ 70,907.20	$ 74,443.20	$ 78,166.40
	$ 5,359.47	$ 5,626.40	$ 5,908.93	$ 6,203.60	$ 6,513.87
	$ 2,473.60	$ 2,596.80	$ 2,727.20	$ 2,863.20	$ 3,006.40
	$ 30.92	$ 32.46	$ 34.09	$ 35.79	$ 37.58
57	$ 65,873.60	$ 69,180.80	$ 72,633.60	$ 76,252.80	$ 80,080.00
	$ 5,489.47	$ 5,765.07	$ 6,052.80	$ 6,354.40	$ 6,673.33
	$ 2,533.60	$ 2,660.80	$ 2,793.60	$ 2,932.80	$ 3,080.00
	$ 31.67	$ 33.26	$ 34.92	$ 36.66	$ 38.50
58	$ 67,516.80	$ 70,907.20	$ 74,443.20	$ 78,166.40	$ 82,076.80
	$ 5,626.40	$ 5,908.93	$ 6,203.60	$ 6,513.87	$ 6,839.73
	$ 2,596.80	$ 2,727.20	$ 2,863.20	$ 3,006.40	$ 3,156.80
	$ 32.46	$ 34.09	$ 35.79	$ 37.58	$ 39.46
59	$ 69,180.80	$ 72,633.60	$ 76,252.80	$ 80,080.00	$ 84,073.60
	$ 5,765.07	$ 6,052.80	$ 6,354.40	$ 6,673.33	$ 7,006.13
	$ 2,660.80	$ 2,793.60	$ 2,932.80	$ 3,080.00	$ 3,233.60
	$ 33.26	$ 34.92	$ 36.66	$ 38.50	$ 40.42
60	$ 70,907.20	$ 74,443.20	$ 78,166.40	$ 82,076.80	$ 86,174.40
	$ 5,908.93	$ 6,203.60	$ 6,513.87	$ 6,839.73	$ 7,181.20
	$ 2,727.20	$ 2,863.20	$ 3,006.40	$ 3,156.80	$ 3,314.40
	$ 34.09	$ 35.79	$ 37.58	$ 39.46	$ 41.43

ELK GROVE WATER DISTRICT

Salary Schedule

Annual, Monthly, Bi-Weekly & Hourly Wage

As of July 1, 2016

Grade	Step I	Step II	Step III	Step IV	Step V
61	$ 72,633.60	$ 76,252.80	$ 80,080.00	$ 84,073.60	$ 88,275.20
	$ 6,052.80	$ 6,354.40	$ 6,673.33	$ 7,006.13	$ 7,356.27
	$ 2,793.60	$ 2,932.80	$ 3,080.00	$ 3,233.60	$ 3,395.20
	$ 34.92	$ 36.66	$ 38.50	$ 40.42	$ 42.44
62	$ 74,443.20	$ 78,166.40	$ 82,076.80	$ 86,174.40	$ 90,480.00
	$ 6,203.60	$ 6,513.87	$ 6,839.73	$ 7,181.20	$ 7,540.00
	$ 2,863.20	$ 3,006.40	$ 3,156.80	$ 3,314.40	$ 3,480.00
	$ 35.79	$ 37.58	$ 39.46	$ 41.43	$ 43.50
63	$ 76,252.80	$ 80,080.00	$ 84,073.60	$ 88,275.20	$ 92,705.60
	$ 6,354.40	$ 6,673.33	$ 7,006.13	$ 7,356.27	$ 7,725.47
	$ 2,932.80	$ 3,080.00	$ 3,233.60	$ 3,395.20	$ 3,565.60
	$ 36.66	$ 38.50	$ 40.42	$ 42.44	$ 44.57
64	$ 78,166.40	$ 82,076.80	$ 86,174.40	$ 90,480.00	$ 95,014.40
	$ 6,513.87	$ 6,839.73	$ 7,181.20	$ 7,540.00	$ 7,917.87
	$ 3,006.40	$ 3,156.80	$ 3,314.40	$ 3,480.00	$ 3,654.40
	$ 37.58	$ 39.46	$ 41.43	$ 43.50	$ 45.68
65	$ 80,080.00	$ 84,073.60	$ 88,275.20	$ 92,705.60	$ 97,323.20
	$ 6,673.33	$ 7,006.13	$ 7,356.27	$ 7,725.47	$ 8,110.27
	$ 3,080.00	$ 3,233.60	$ 3,395.20	$ 3,565.60	$ 3,743.20
	$ 38.50	$ 40.42	$ 42.44	$ 44.57	$ 46.79
66	$ 82,076.80	$ 86,174.40	$ 90,480.00	$ 95,014.40	$ 99,756.80
	$ 6,839.73	$ 7,181.20	$ 7,540.00	$ 7,917.87	$ 8,313.07
	$ 3,156.80	$ 3,314.40	$ 3,480.00	$ 3,654.40	$ 3,836.80
	$ 39.46	$ 41.43	$ 43.50	$ 45.68	$ 47.96
67	$ 84,073.60	$ 88,275.20	$ 92,705.60	$ 97,323.20	$ 102,190.40
	$ 7,006.13	$ 7,356.27	$ 7,725.47	$ 8,110.27	$ 8,515.87
	$ 3,233.60	$ 3,395.20	$ 3,565.60	$ 3,743.20	$ 3,930.40
	$ 40.42	$ 42.44	$ 44.57	$ 46.79	$ 49.13
68	$ 86,174.40	$ 90,480.00	$ 95,014.40	$ 99,756.80	$ 104,748.80
	$ 7,181.20	$ 7,540.00	$ 7,917.87	$ 8,313.07	$ 8,729.07
	$ 3,314.40	$ 3,480.00	$ 3,654.40	$ 3,836.80	$ 4,028.80
	$ 41.43	$ 43.50	$ 45.68	$ 47.96	$ 50.36
69	$ 88,275.20	$ 92,705.60	$ 97,323.20	$ 102,190.40	$ 107,307.20
	$ 7,356.27	$ 7,725.47	$ 8,110.27	$ 8,515.87	$ 8,942.27
	$ 3,395.20	$ 3,565.60	$ 3,743.20	$ 3,930.40	$ 4,127.20
	$ 42.44	$ 44.57	$ 46.79	$ 49.13	$ 51.59
70	$ 90,480.00	$ 95,014.40	$ 99,756.80	$ 104,748.80	$ 109,990.40
	$ 7,540.00	$ 7,917.87	$ 8,313.07	$ 8,729.07	$ 9,165.87
	$ 3,480.00	$ 3,654.40	$ 3,836.80	$ 4,028.80	$ 4,230.40
	$ 43.50	$ 45.68	$ 47.96	$ 50.36	$ 52.88

ELK GROVE WATER DISTRICT

Salary Schedule

Annual, Monthly, Bi-Weekly & Hourly Wage

As of July 1, 2016

Grade	Step I	Step II	Step III	Step IV	Step V
71	$ 92,705.60	$ 97,323.20	$ 102,190.40	$ 107,307.20	$ 112,673.60
	$ 7,725.47	$ 8,110.27	$ 8,515.87	$ 8,942.27	$ 9,389.47
	$ 3,565.60	$ 3,743.20	$ 3,930.40	$ 4,127.20	$ 4,333.60
	$ 44.57	$ 46.79	$ 49.13	$ 51.59	$ 54.17
72	$ 95,014.40	$ 99,756.80	$ 104,748.80	$ 109,990.40	$ 115,481.60
	$ 7,917.87	$ 8,313.07	$ 8,729.07	$ 9,165.87	$ 9,623.47
	$ 3,654.40	$ 3,836.80	$ 4,028.80	$ 4,230.40	$ 4,441.60
	$ 45.68	$ 47.96	$ 50.36	$ 52.88	$ 55.52
73	$ 97,323.20	$ 102,190.40	$ 107,307.20	$ 112,673.60	$ 118,310.40
	$ 8,110.27	$ 8,515.87	$ 8,942.27	$ 9,389.47	$ 9,859.20
	$ 3,743.20	$ 3,930.40	$ 4,127.20	$ 4,333.60	$ 4,550.40
	$ 46.79	$ 49.13	$ 51.59	$ 54.17	$ 56.88
74	$ 99,756.80	$ 104,748.80	$ 109,990.40	$ 115,481.60	$ 121,264.00
	$ 8,313.07	$ 8,729.07	$ 9,165.87	$ 9,623.47	$ 10,105.33
	$ 3,836.80	$ 4,028.80	$ 4,230.40	$ 4,441.60	$ 4,664.00
	$ 47.96	$ 50.36	$ 52.88	$ 55.52	$ 58.30
75	$ 102,190.40	$ 107,307.20	$ 112,673.60	$ 118,310.40	$ 124,217.60
	$ 8,515.87	$ 8,942.27	$ 9,389.47	$ 9,859.20	$ 10,351.47
	$ 3,930.40	$ 4,127.20	$ 4,333.60	$ 4,550.40	$ 4,777.60
	$ 49.13	$ 51.59	$ 54.17	$ 56.88	$ 59.72
76	$ 104,748.80	$ 109,990.40	$ 115,481.60	$ 121,264.00	$ 127,337.60
	$ 8,729.07	$ 9,165.87	$ 9,623.47	$ 10,105.33	$ 10,611.47
	$ 4,028.80	$ 4,230.40	$ 4,441.60	$ 4,664.00	$ 4,897.60
	$ 50.36	$ 52.88	$ 55.52	$ 58.30	$ 61.22
77	$ 107,307.20	$ 112,673.60	$ 118,310.40	$ 124,217.60	$ 130,436.80
	$ 8,942.27	$ 9,389.47	$ 9,859.20	$ 10,351.47	$ 10,869.73
	$ 4,127.20	$ 4,333.60	$ 4,550.40	$ 4,777.60	$ 5,016.80
	$ 51.59	$ 54.17	$ 56.88	$ 59.72	$ 62.71
78	$ 109,990.40	$ 115,481.60	$ 121,264.00	$ 127,337.60	$ 133,702.40
	$ 9,165.87	$ 9,623.47	$ 10,105.33	$ 10,611.47	$ 11,141.87
	$ 4,230.40	$ 4,441.60	$ 4,664.00	$ 4,897.60	$ 5,142.40
	$ 52.88	$ 55.52	$ 58.30	$ 61.22	$ 64.28
79	$ 112,673.60	$ 118,310.40	$ 124,217.60	$ 130,436.80	$ 136,947.20
	$ 9,389.47	$ 9,859.20	$ 10,351.47	$ 10,869.73	$ 11,412.27
	$ 4,333.60	$ 4,550.40	$ 4,777.60	$ 5,016.80	$ 5,267.20
	$ 54.17	$ 56.88	$ 59.72	$ 62.71	$ 65.84
80	$ 115,481.60	$ 121,264.00	$ 127,337.60	$ 133,702.40	$ 140,379.20
	$ 9,623.47	$ 10,105.33	$ 10,611.47	$ 11,141.87	$ 11,698.27
	$ 4,441.60	$ 4,664.00	$ 4,897.60	$ 5,142.40	$ 5,399.20
	$ 55.52	$ 58.30	$ 61.22	$ 64.28	$ 67.49

ELK GROVE WATER DISTRICT

Salary Schedule

Annual, Monthly, Bi-Weekly & Hourly Wage

As of July 1, 2016

Grade	Step I	Step II	Step III	Step IV	Step V
81	$ 118,310.40	$ 124,217.60	$ 130,436.80	$ 136,947.20	$ 143,811.20
	$ 9,859.20	$ 10,351.47	$ 10,869.73	$ 11,412.27	$ 11,984.27
	$ 4,550.40	$ 4,777.60	$ 5,016.80	$ 5,267.20	$ 5,531.20
	$ 56.88	$ 59.72	$ 62.71	$ 65.84	$ 69.14
82	$ 121,264.00	$ 127,337.60	$ 133,702.40	$ 140,379.20	$ 147,388.80
	$ 10,105.33	$ 10,611.47	$ 11,141.87	$ 11,698.27	$ 12,282.40
	$ 4,664.00	$ 4,897.60	$ 5,142.40	$ 5,399.20	$ 5,668.80
	$ 58.30	$ 61.22	$ 64.28	$ 67.49	$ 70.86
83	$ 124,217.60	$ 130,436.80	$ 136,947.20	$ 143,811.20	$ 150,987.20
	$ 10,351.47	$ 10,869.73	$ 11,412.27	$ 11,984.27	$ 12,582.27
	$ 4,777.60	$ 5,016.80	$ 5,267.20	$ 5,531.20	$ 5,807.20
	$ 59.72	$ 62.71	$ 65.84	$ 69.14	$ 72.59
84	$ 127,337.60	$ 133,702.40	$ 140,379.20	$ 147,388.80	$ 154,772.80
	$ 10,611.47	$ 11,141.87	$ 11,698.27	$ 12,282.40	$ 12,897.73
	$ 4,897.60	$ 5,142.40	$ 5,399.20	$ 5,668.80	$ 5,952.80
	$ 61.22	$ 64.28	$ 67.49	$ 70.86	$ 74.41
85	$ 130,436.80	$ 136,947.20	$ 143,811.20	$ 150,987.20	$ 158,537.60
	$ 10,869.73	$ 11,412.27	$ 11,984.27	$ 12,582.27	$ 13,211.47
	$ 5,016.80	$ 5,267.20	$ 5,531.20	$ 5,807.20	$ 6,097.60
	$ 62.71	$ 65.84	$ 69.14	$ 72.59	$ 76.22
86	$ 133,702.40	$ 140,379.20	$ 147,388.80	$ 154,772.80	$ 162,510.40
	$ 11,141.87	$ 11,698.27	$ 12,282.40	$ 12,897.73	$ 13,542.53
	$ 5,142.40	$ 5,399.20	$ 5,668.80	$ 5,952.80	$ 6,250.40
	$ 64.28	$ 67.49	$ 70.86	$ 74.41	$ 78.13
87	$ 136,947.20	$ 143,811.20	$ 150,987.20	$ 158,537.60	$ 166,462.40
	$ 11,412.27	$ 11,984.27	$ 12,582.27	$ 13,211.47	$ 13,871.87
	$ 5,267.20	$ 5,531.20	$ 5,807.20	$ 6,097.60	$ 6,402.40
	$ 65.84	$ 69.14	$ 72.59	$ 76.22	$ 80.03
88	$ 140,379.20	$ 147,388.80	$ 154,772.80	$ 162,510.40	$ 170,643.20
	$ 11,698.27	$ 12,282.40	$ 12,897.73	$ 13,542.53	$ 14,220.27
	$ 5,399.20	$ 5,668.80	$ 5,952.80	$ 6,250.40	$ 6,563.20
	$ 67.49	$ 70.86	$ 74.41	$ 78.13	$ 82.04
89	$ 143,811.20	$ 150,987.20	$ 158,537.60	$ 166,462.40	$ 174,803.20
	$ 11,984.27	$ 12,582.27	$ 13,211.47	$ 13,871.87	$ 14,566.93
	$ 5,531.20	$ 5,807.20	$ 6,097.60	$ 6,402.40	$ 6,723.20
	$ 69.14	$ 72.59	$ 76.22	$ 80.03	$ 84.04
90	$ 147,388.80	$ 154,772.80	$ 162,510.40	$ 170,643.20	$ 179,171.20
	$ 12,282.40	$ 12,897.73	$ 13,542.53	$ 14,220.27	$ 14,930.93
	$ 5,668.80	$ 5,952.80	$ 6,250.40	$ 6,563.20	$ 6,891.20
	$ 70.86	$ 74.41	$ 78.13	$ 82.04	$ 86.14

ELK GROVE WATER DISTRICT

General Manager Salary

Annual, Monthly, Bi-Weekly & Hourly Wage

As of July 1, 2016

General Manager		
GM	$	187,405
	$	15,617
	$	7,208
	$	90.10

Elk Grove Water District
Rates & Fees Schedule
Fiscal Year 2016-17

Use Charges:

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

Connection Size	Jan. 1, 2016	Jan. 1, 2017
1"	$ 62.84	$ 65.04
1.5"	$ 88.45	$ 91.55
2"	$ 119.18	$ 123.35
3"	$ 190.89	$ 197.57
4"	$ 293.33	$ 303.60
6"	$ 549.43	$ 568.86
8"	$ 856.75	$ 886.74
10"	$ 1,215.29	$ 1,257.83

Commodity charge for units of water used in a month.

Service Type	Jan. 1, 2016	Jan. 1, 2017
Residential Metered		
Tier 1 (0-30 CCF)	$ 1.48	$ 1.53
Tier 2 (30.01+ CCF)	$ 2.93	$ 3.03
CCF = Hundred Cubic Feet		
Non-residential	$ 1.67	$ 1.73
Irrigation	$ 1.80	$ 1.86

Other Fees:

Private Fire Protection Service Rates:

Connection Size	Jan. 1, 2016	Jan. 1, 2017
2"	$ 2.87	$ 2.98
3"	$ 8.35	$ 8.68
4"	$ 17.80	$ 18.51
6"	$ 51.70	$ 53.77
8"	$ 110.17	$ 114.58
10"	$ 198.12	$ 206.04
12"	$ 320.02	$ 332.82

Elk Grove Water District
Rates & Fees Schedule
Fiscal Year 2016-17

New Connections: Effective June 26, 2013

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

Meter Size	Meter Charge	Capacity Fee	Total
1"	$ 926	$ 3,206	$ 4,132
1.5"	$ 926 + T&M	$ 6,413	$ 7,339+
2"	$ 926 + T&M	$ 10,260	$ 11,186+
3"	$ 926 + T&M	$ 19,238	$ 20,164+
4"	$ 926 + T&M	$ 32,063	$ 32,989+
6"	$ 926 + T&M	$ 64,125	$ 65,051+

Other: Effective June 26, 2013

Account set up	$30.00
Return check charge	$35.00, plus amount of check
Over the phone payments	$5.00
Meter re-read	
First request	Free
Subsequent requests	$25.00
Photocopies	
Black and white	$0.10/page
Color	$0.15/page
Delinquency shutoff	
Delinquent amount	Amount of unpaid bill
Door hanger	$25.00
Field service call	$100.00
24 hour turn-on fee	$100.00
Meter testing	$47/hour
Back flow testing	$70.00
Fire flow testing	$156.00
Violation of ordinance (within 1 year)	
First occurrence	$100.00
Second occurrence	$200.00
Each additional occurrence	$500.00
Plan check fees	
Irrigation only	$500.00
9 lots (EDUs) or less	$2,000.00
10 lots (EDUs) or more	$5,000.00
Construction/temporary service	
Installation & removal	$194.00
Weekly rental	$50.00
Deposit	$2,000.00

June 8, 2016

TO: Finance Committee of the Florin Resource Conservation District

FROM: Jim Malberg, Finance Manager/Treasurer

SUBJECT: **DRAFT FISCAL YEAR 2016-17 FLORIN RESOURCE CONSERVATION DISTRICT OPERATING BUDGET**

RECOMMENDATION

Review and discuss the draft Fiscal Year 2016-17 Florin Resource Conservation District Operating Budget and provide direction to staff.

Summary

Each year staff develops the draft operating budget of estimated revenues and expenditures and presents the document to the Finance Committee. Following the presentation and discussion, staff generally makes revisions and brings the revised document back to the Board of Directors for adoption.

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 Fiscal Year 2016-17 (FY 2016-17) operating budget, along with the Elk Grove Water District (EGWD) Budget.

On May 11, 2016 staff presented the Finance Committee a preliminary proposed FY 2016-17 EGWD Operating Budget for review.

Present Situation

The proposed FRCD FY 2016-17 Operating Budget is attached for the Board's consideration. The primary change to the FY 2016-17 proposed budget is the reimbursement from the FRCD to the EGWD of 10% of the General Manager's annual salary and benefits cost.

Proposed revenues for the FY 2016-17 are projected to be $75. The total expenditures for the FY 2016-17 Budget of $41,821 includes operating expenditures as follows:

• Salaries & Benefits	$ 26,566
• Insurance	$ 2,875
• Bank Charges	$ 30
• Accounting Services	$ 350
• Election Costs	$ 12,000

The Fund Balance for the Florin Resource Conservation District is expected to decrease from $87,021 to $45,274.

STRATEGIC PLAN CONFORMITY

Development and ultimately adopting the FY 2016-17 FRCD Operating Budget is in keeping with the Strategic Plan goals for financial performance.

FINANCIAL SUMMARY

There is no financial impact at this time.

Respectfully submitted,

JIM MALBERG
FINANCE MANAGER/TREASURER

JM

Attachment

Attachment 1

Florin Resource Conservation District
Proposed Budgeted Accounts Detail
For the Fiscal Year Ending June 30, 2017

	Description	FY 2012-13 Actual	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Budget	FY 2015-16 Projected	FY 2016-17 Budget
	REVENUES						
4700	Lease Revenue - Elk Grove Florin Property	$ 9,533	$ 5,467	$ 2,533	$ -	$ -	$ -
	Other Reimbursements/Property Sale		87,712	10,162		354	
	Repair and Maintenance Reserves	-	-		-	-	-
	Interest Earnings	17	50	110	100	100	75
	Total Revenues	9,550	93,229	12,805	100	454	75
	EXPENDITURES						
5100	Salary & Benefits	-	-		-	8,875	26,566
5300	Airfare	-	-	498	-	-	-
5310	Hotels	-	-	134	-	-	-
5320	Meals	-	-	42	-	-	-
5330	Auto Rental	-	-	37	-	-	-
5340	Seminars & Conventions	-	-	525	-	-	-
5350	Mileage Reimbursement, Parking, Tolls	-	-	20	-	-	-
5415	Association Dues	350	400	300	400	-	-
5410	Advertising	3,893	175	1,078	250	-	-
5280	Meetings	210	100	250	250	-	-
5420	Insurance	77	71	1,508	1,500	1,470	2,875
5435	Repairs and Maintenance Automotive/Fuel	7,613	-	30	50	-	-
5475	Office Supplies & Expenses	-	256	100	150	275	-
5455	Postage	-	-	-	-	-	-
5510	Bank Charges	820	1,729	-	30	30	30
5520	Contracted Services	6,616	6,500	5,001	26,500	20,000	-
5525	Accounting Services				-	250	350
5535	Legal Services	-	26,011	2,361	5,000	3,925	-
5545	Public Relations	2,000	1,925	1,920	2,000	-	-
9950	Election Costs			9,872	-	-	12,000
9960	Program Costs		-	-			
	Total Expenditures	21,579	37,167	23,676	36,130	34,825	41,821
	Change in Balance	(12,029)	56,064	(10,870)	(36,030)	(34,371)	(41,746)
	Beginning Balance	88,227	76,198	132,261	121,391	121,391	87,021
	Ending Fund Balance	76,198	132,261	121,391	85,361	87,021	45,274