



AGENDA
REGULAR MEETING OF THE BOARD OF DIRECTORS
District Board Room, 2890 Mosquito Road, Placerville, California
Tuesday, November 12, 2019 — 9:00 A.M.

Board of Directors

Alan Day—Division 5
President

George Osborne—Division 1
Vice President

Pat Dwyer—Division 2
Director

Michael Raffety—Division 3
Director

Lori Anzini—Division 4
Director

Executive Staff

Jim Abercrombie
General Manager

Brian D. Poulsen, Jr.
General Counsel

Jennifer Sullivan
Clerk to the Board

Jesse Saich
Communications

Brian Mueller
Engineering

Mark Price
Finance

Jose Perez
Human Resources

Tim Ranstrom
Information Technology

Dan Corcoran
Operations

PUBLIC COMMENT: Anyone wishing to comment about items not on the Agenda may do so during the public comment period. Those wishing to comment about items on the Agenda may do so when that item is heard and when the Board calls for public comment. Public comments are limited to five minutes per person.

PUBLIC RECORDS DISTRIBUTED LESS THAN 72 HOURS BEFORE A MEETING: Any writing that is a public record and is distributed to all or a majority of the Board of Directors less than 72 hours before a meeting shall be available for immediate public inspection in the office of the Clerk to the Board at the address shown above. Public records distributed during the meeting shall be made available at the meeting.

AMERICANS WITH DISABILITIES ACT: In accordance with the Americans with Disabilities Act (ADA) and California law, it is the policy of El Dorado Irrigation District to offer its public programs, services, and meetings in a manner that is readily accessible to everyone, including individuals with disabilities. If you are a person with a disability and require information or materials in an appropriate alternative format; or if you require any other accommodation for this meeting, please contact the EID ADA coordinator at 530-642-4045 or email at adacoordinator@eid.org at least 72 hours prior to the meeting. Advance notification within this guideline will enable the District to make reasonable accommodations to ensure accessibility.

Pursuant to Government Code section 54953, subdivision (b), Director Osborne will participate via teleconference from Fort Lauderdale Beach Resort, Business Center, 909 Breakers Avenue, Fort Lauderdale, FL 33304. Members of the public wishing to address the Board of Directors directly pursuant to Government Code section 54954.3 may also do so at the teleconference location.

CALL TO ORDER

Roll Call
Pledge of Allegiance
Moment of Silence

ADOPT AGENDA

COMMUNICATIONS

General Manager's Employee Recognition

PUBLIC COMMENT

COMMUNICATIONS

General Manager

Brief reports on District activities or items of interest to the public, including activities or developments that occur after the agenda is posted.

Clerk to the Board

Board of Directors

Brief reports on community activities, meetings, conferences and seminars attended by the Directors of interest to the District and the public.

APPROVE CONSENT CALENDAR

Action on items pulled from the Consent Calendar

CONSENT CALENDAR

1. Finance (Pasquarello)

Ratification of EID General Warrant Registers for the periods ending October 22 and October 29, 2019, and Board and Employee Expense Reimbursements for these periods.

Option 1: Ratify the EID General Warrant Registers as submitted to comply with Section 24600 of the Water Code of the State of California. Receive and file Board and Employee Expense Reimbursements.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

2. Clerk to the Board (Sullivan)

Approval of the minutes of the October 28, 2019 regular meeting of the Board of Directors.

Option 1: Approve as submitted.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

3. Engineering

Consideration to authorize additional funding for District Capital Improvement Plan (CIP)

Project: DOT Construction Projects - Water, Project No. 18025 in the amount of \$50,000.

Option 1: Authorize additional funding for District Capital Improvement Plan (CIP) Project:
DOT Construction Projects – Water, Project No. 18025 in the amount of \$50,000.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

4. Human Resources (Costa/Perez)

Consideration to adopt five updated resolutions temporarily designating Kaiser Permanente as the District’s benchmark plan, and fixing the Employer’s Contribution under the Public Employees’ Medical and Hospital Care Act for the 2020 plan year for the following groups: Association of El Dorado Irrigation District Employees, El Dorado Irrigation District Managers and Supervisors Association, Professional and Contract Group, Directors Group PERS, and Directors Group Non-PERS.

Option 1: Adopt five updated resolutions temporarily designating Kaiser Permanente as the District’s benchmark plan, and fixing the Employer’s Contribution under the Public Employees’ Medical and Hospital Care Act for the 2020 plan year for the following groups: Association of El Dorado Irrigation District Employees, El Dorado Irrigation District Managers and Supervisors Association, Professional and Contract Group, Directors Group PERS, and Directors Group Non-PERS.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

5. Finance (Pasquarello)

Consideration to receive and file the District's Investment Report for the quarter ending September 30, 2019.

Option 1: Receive and file the District's Investment Report for the quarter ending September 30, 2019.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

END OF CONSENT CALENDAR

WORKSHOP ITEMS

6. Finance (Price)

2019–2020 Mid-Cycle Operating Budget and 2020–2024 Financial Plan Workshop.

Recommended Action: None – Information only.

7. Office of the General Manager / Finance (Abercrombie/Price)

Board-Adopted Cost of Service Principles for Guiding the Rate-Setting Process and Cost Allocation Factors Workshop.

Recommended Action: None – Information only.

ACTION ITEMS

8. Fleet (Warden)

Consideration to award a contract to Downtown Ford Sales for the purchase of six replacement vehicles in the not-to-exceed amount of \$197,000; award a contract to Pape Machinery for the purchase of one replacement backhoe and one replacement excavator in the not-to-exceed amount of \$193,000; and authorize funding of \$455,000 for Vehicle Replacement Program, Project No. 19043.

Option 1: Award a contract to Downtown Ford Sales for the purchase of six replacement vehicles in the not-to-exceed amount of \$197,000; award a contract to Pape Machinery for the purchase of one replacement backhoe and one replacement excavator in the not-to-exceed amount of \$193,000; and authorize funding in the amount of \$455,000 for Vehicle Replacement Program, Project No. 19043.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommended Action: Option 1.

REVIEW OF ASSIGNMENTS

ADJOURNMENT

TENTATIVELY SCHEDULED ITEMS FOR FUTURE MEETINGS

Communications

- Customer Satisfaction Survey results, Information, December 9 (Saich)

Engineering

- Design contract amendment for El Dorado Hills Water Treatment Plant Automation, Action, December 9 (Wilson)
- Construction contract for Pressure Reducing Station Upgrade Project (GVPRS#2, LPRS#1, FPRS#1), Action, December 9 (Wilson)

Finance

- 2019-2020 Mid-Cycle Operating Budget and 2020-2024 Financial Plan, Action, December 9
- Refunding Revenue Bonds Series 2012A and Series 2014A prepayments, Action, December 9 (Pasquarello)

Operations

- PG&E Public Safety Power Shutoff (PSPS) After Action Report, Information, December 9 (Corcoran)

EL DORADO IRRIGATION DISTRICT
November 12, 2019

General Manager Communications

Awards and Recognitions

- a) Welcome to the District, Charlie Busuttill. Charlie has been hired to the position of Construction and Maintenance Worker.

Staff Reports and Updates

- a) Project 184 Property Insurance Update – Summary by Jacqui Noel

General Manager Communications

November 12, 2019

Project 184 Property Insurance Update

The District's Project 184 property insurance policy, through the Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA) Energy Program, went into effect on November 1, 2019. The proposed annual premium amount of \$175,440 was approved at the October 15, 2019 Board meeting. Since that time, staff continued to work with ACWA JPIA and their broker, Alliant, to push Liberty for better rates. I am happy to announce, not only did they secure better rates for the District, they were able to bind the policy with a \$10M annual flood aggregate limit, rather than the originally quoted \$2.5M aggregate limit.

The District's policy renewed for an annual premium amount of \$150,000 (the pro-rated premium from 11/1/19 to 7/1/20 will be \$100,000). Except for the increased flood limit, all policy limits proposed remain the same. This now brings the District a total savings of 45% (\$126,000) from the District's previous Project 184 property insurance policy. This is especially great news as our Alliant broker has informed us that most carriers have placed a moratorium on all business in California due to the current fires in Northern California.

EL DORADO IRRIGATION DISTRICT

Subject: Ratification of EID General Warrant Registers for the periods ending October 22 and October 29, 2019, and Board and Employee Expense Reimbursements for these periods.

Previous Board Action

The Board ratifies the District’s General Warrant Registers on a weekly basis, excluding certain holiday weeks.

Board Policies (BP), Administrative Regulations (AR) and Board Authority

Section 24600 of the Water Code provides that no claim is to be paid unless allowed by the Board.

Summary of Issue

The District’s practice has also been to notify the Board of proposed payments by email and have the Board ratify the Warrant Registers. Copies of the Warrant Registers are sent to the Board of Directors on the Friday preceding the Warrant Register’s date. If no comment or request to withhold payment is received from any Director by the following Tuesday morning, the warrants are mailed out and formal ratification of said warrants is agendized on the next regular Board agenda.

Background/Discussion

Current Warrant Register Information

Warrants are prepared by Accounts Payable; reviewed and approved by the Finance Manager, the Director of Finance and the General Manager or their designee.

Register Date	Check Numbers	Amount
October 22, 2019	677630 – 677762	\$984,265.21
October 29, 2019	677763 – 677848	\$1,754,041.71

Current Board/Employee Expense Payments and Reimbursement Information

Board Expenses and Reimbursements have been reviewed and approved by the Clerk to the Board, Finance Manager and the General Manager prior to the warrants being released. These expenses and reimbursements are for activities performed in the interest of the District in accordance with Board Policy 12065 and Resolution No. 2007-059.

Additional information regarding board and employee expense reimbursements is available for copying or public inspection at District headquarters in compliance with Government Code Section 53065.5.

Board Options

Option 1: Ratify the EID General Warrant Register as submitted to comply with Section 24600 of the Water Code of the State of California. Receive and file Board and Employee Expense Reimbursements.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommendation

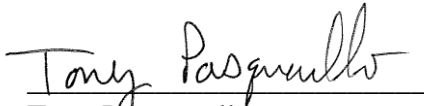
Option 1

Attachments

Attachment A: Executive Summaries

Attachment B: Board Expenses/Reimbursements

Attachment C: Employee Expenses/Reimbursements totaling \$100 or more




Tony Pasquarello
Finance Manager



Mark Price
Finance Director



Jennifer Sullivan
Clerk to the Board



Jim Abercrombie
General Manager

Executive Summary for October 22, 2019 -- \$984,265.21:

This summary highlights significant disbursements made by major business activity:

General District Operations (Fund 110)

- \$3,900—AT&T for phone service
- \$7,537—CDW Government for software licenses and external batteries
- \$19,180—F&M Bank for retention hold for Sierra Mountain Construction, Inc.
- \$4,736—Hunt & Sons, Inc. for fuel deliveries at various locations
- \$3,347—Key2life Janitorial for September janitorial services
- \$3,702—Pace Supply Corporation for warehouse inventory
- \$13,878—PG&E for electric service
- \$5,770—Tri-Signal Integration, Inc. for annual fire alarm services

Engineering Operations (Fund 210)

- \$11,750—C & M Backflow Testing and Repair, Inc. for dual plumbed lot inspections

Water Operations (Fund 310)

- \$15,006—A-1 Advantage Asphalt, Inc. for concrete patching at various locations
- \$5,650—Aqua Tech Company for Reservoir C cover vent installation
- \$18,280—CSI Services, Inc. for tank coating inspection services
- \$8,571—Muniquip, LLC for two dosing pumps
- \$6,377—PG&E for electric service
- \$3,683—R.F. MacDonald Company for a seal, impeller, and pump alignment service

Wastewater Operations (Fund 410)

- \$5,484—CLS Labs for regulatory lab testing
- \$91,418—PG&E for electric service
- \$4,389—Robertson-Bryan, Inc. for regulatory compliance services

Recycled Water Operations (Fund 510)

- \$11,003—PG&E for electric service

Hydroelectric Operations (Fund 610)

- \$6,056—GEI Consultants, Inc. for dam safety engineering services
- \$3,948—Hilti, Inc. for a pneumatic epoxy gun and epoxy
- \$3,962—MarTech, Inc. for needle assembly repairs

Recreation Operations (Fund 710)

- \$11,274—Blue Ribbon Personnel Services for temporary labor at Sly Park Recreation

Capital Improvement Projects (Construction Funds 140, 340, 440, 540, 640 and 740)

- \$7,725—A T.E.E.M. Electrical Engineering, Inc. for engineering services – Valley View Pump Station #3 (Project #19010.01)
- \$18,661—Aecom Technical Services, Inc. for on-call environmental services – Flume 30 Rehabilitation Project (Project #17041.01)
- \$12,845—Area West Engineers, Inc. for surveys:
 - >Project #18007.01 – Pony Express Waterline Replacement (\$2,935)
 - >Project #18048.02 – Wastewater Generator Program – Sportsman’s Hall (\$1,415)
 - >Project #17048.01 – Strawberry Raw Water Pump Station (\$2,870)
 - >Project #18023.01 – Sly Park Recreation Day Use Area Improvements (\$5,625)
- \$3,353—Cardno, Inc. for design plan services – FERC:C38.4B Caples Lake Stabilization (Project #06076H.01)
- \$28,553—Carollo Engineers, Inc. for assessment services:
 - >Project #STUDY03.01 – Flume Assessment – Reservoir 1(\$8,195)
 - >Project #STUDY03.02 – Flume Assessment – Reservoir A (\$8,195)
 - >Project #STUDY03.03 – Flume Assessment – EDHWTP (\$8,194)
 - >Project #STUDY03.04 – Flume Assessment – Strawberry Water Treatment Plant (\$3,969)
- \$3,454—CDW Government for an Ethernet switch – Network Switch Upgrade (Project #16027.01)
- \$3,003—Dell Marketing, LP for a laptop computer – Wyse Laptop Replacement (Project #19029.01)
- \$313,645—Doug Veerkamp General Engineering, Inc. for construction services (\$330,153). Retention held \$16,508
 - >Project #06082H.01 – FERC:C50.1 Silver Lake (\$20,844)
 - >Project #15016.01 – FERC:C50.2 Caples Lake Campground (\$309,309)
- \$3,023—Dudek for on-call environmental services – Pacific Tunnel Portal Rehabilitation (Project #16044.01)
- \$14,415—Frisch Engineering, Inc. for design services – SCADA Hardware-Silva Valley Booster Station (Project #19022.01)
- \$6,021—GEI Consultants, Inc. for engineering services:
 - >Project #19024.01 – Echo Conduit Rehabilitation (\$1,913)
 - >Project #16044.01 – Pacific Tunnel Portal Rehabilitation (\$4,108)
- \$4,872—Hanson Bridgett, LLP for outside legal services – Forebay Dam Modifications (Project #17013.01)
- \$3,432—Holt of California for a rock sifter rental – Flume:47C Replacement (Project #17026.01)
- \$8,019—ICM Group, Inc. for construction inspection services – Town Center Force Main Phase 3 (Project #19004.01)
- \$20,652—Luhdorff and Scalmanini Consulting Engineers, Inc. for engineering design services – Outingdale Water Intake Replacement (Project #16048.01)
- \$136,420—Sierra Mountain Construction, Inc. for construction services (\$143,600) – Town Center Force Main Phase 3 (Project #19004.01). Retention held \$7,180
- \$17,191—Somach Simmons & Dunn for outside legal services – Main Ditch Litigation (Project #19016.01)

- \$3,452—Talley, Inc. for antennas – Diversion/USGS SCADA Hardware (Project #18013.01)
- \$18,600—TNT Industrial Contractors, Inc. for construction services (\$19,579) – Outingdale Lower Tank Replacement (Project #13015.01) Retention held \$979
- \$15,554—Water Works Engineers, LLC for engineering services – EDHWWTP Collection Design (Project #15036.02)
- \$5,721—Youngdahl Consulting Group, Inc. for geotechnical services – Town Center Force Main Phase 3 (Project #19004.01)

Executive Summary for October 29, 2019 -- \$1,754,041.71:

This summary highlights significant disbursements made by major business activity:

General District Operations (Fund 110)

- \$10,083—Datapose, LLC for September billing services
- \$5,704—Doug Veerkamp for a credit balance refund
- \$3,846—Holden Sheetmetal Restoration for auto body repair and parts
- \$16,884—Hunt & Sons, Inc. for card lock fuels and fuel deliveries at various locations
- \$5,631—National Meter & Automation, Inc. for electromagnetic meters
- \$4,570—NBS for Cost of Service rate study update
- \$3,464—Network Design Associates, Inc. for Windows server 2016 upgrade

Engineering Operations (Fund 210) none to report

Water Operations (Fund 310)

- \$22,540—Aqua Tech Company for Res-11 repair and cleaning
- \$3,661—Olin Chlor Alkali Products for sodium hypochlorite at Res-A
- \$229,884—PG&E for electric service
- \$63,767—U.S. Bureau of Reclamation for Sly Park restoration fees and Folsom water deliveries
- \$10,618—Water Systems Optimization, Inc. for source meter accuracy testing

Wastewater Operations (Fund 410)

- \$14,140—Denali Water Solutions, LLC for sludge hauling and disposal at DCWWTP
- \$10,674—JWC Environmental, Inc. for grinder repair parts at EDHWWTP
- \$4,455—Municipal Maintenance Equipment, Inc. for vac-con truck repair and parts
- \$139,846—PG&E for electric service

Recycled Water Operations (Fund 510)

- \$11,936—PG&E for electric service

Hydroelectric Operations (Fund 610) none to report

Recreation Operations (Fund 710)

- \$3,838—Blue Ribbon Personnel Services for temporary labor at Sly Park Recreation
- \$4,575—Home Depot Credit Services for retaining wall blocks at Sly Park Recreation

Capital Improvement Projects (Construction Funds 140, 340, 440, 540, 640 and 740)

- \$6,700—BT Consulting, Inc. for inspections and monitoring services:
 - >Project #14024.01 – Flume 44 Canal Conversion (\$3,500)
 - >Project #17026.01 – Flume 47C Replacement (\$3,200)
- \$83,753—Gannett Fleming, Inc. for geotechnical investigations – Flume 48 Replacement (Project #17028.01)
- \$94,972—GEI Consultant, Inc. for engineering services – El Dorado Forebay Dam Modifications (Project #17013.01)
- \$41,110—Herwit Engineering for engineering design services – DCWWTP Process Control Design (Project #17033.01)
- \$891,834—K. W. Emerson, Inc. for construction services (\$938,773) – Flume 44 Canal Conversion (Project #14024.01). Retention held \$46,939
- \$13,678—Youngdahl Consulting Group, Inc. for on-call geotechnical services:
 - >Project #15016.01 – Caples Lake Campground (\$4,071)
 - >Project #17013.01 – Forebay Dam Modifications (\$9,607)

Board Expenses/Reimbursements
Warrant Registers dated 10/22/19 - 10/29/19

DESCRIPTION	Lori Anzini	Alan Day	Pat Dwyer	George Osborne	Michael Raffety	Total
Personal Vehicle Expense				\$39.44		\$39.44
Hotel						\$0.00
Meals or Incidentals Allowance						\$0.00
Airfare, Car Rental, Misc Travel						\$0.00
Fax, Cell or Internet Service						\$0.00
Meeting or Conference Registration						\$0.00
Meals with Others						\$0.00
Membership Fees/Dues						\$0.00
Office Supplies						\$0.00
Reimburse prepaid expenses						\$0.00
Miscellaneous Reimbursements						\$0.00
	\$0.00	\$0.00	\$0.00	\$39.44	\$0.00	\$39.44



MINUTES
REGULAR MEETING OF THE BOARD OF DIRECTORS
 District Board Room, 2890 Mosquito Road, Placerville, California
 October 28, 2019 — 9:00 A.M.

Board of Directors

Alan Day—Division 5
 President

George Osborne—Division 1
 Vice President

Pat Dwyer—Division 2
 Director

Michael Raffety—Division 3
 Director

Lori Anzini—Division 4
 Director

Executive Staff

Jim Abercrombie
 General Manager

Brian D. Poulsen, Jr.
 General Counsel

Jennifer Sullivan
 Clerk to the Board

Jesse Saich
 Communications

Brian Mueller
 Engineering

Mark Price
 Finance

Jose Perez
 Human Resources

Tim Ranstrom
 Information Technology

Dan Corcoran
 Operations

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CALL TO ORDER

President Day called the meeting to order at 9:00 A.M.

Roll Call Board

Present: Directors Osborne, Dwyer, Raffety, Anzini and Day

Staff

Present: Acting General Manager Corcoran, General Counsel Poulsen and Board Clerk Sullivan

Absent: General Manager Abercrombie

Pledge of Allegiance and Moment of Silence

President Day led the Pledge of Allegiance and Moment of Silence dedicated to our fallen El Dorado County Deputy Sheriff Brian Ishmael.

ADOPT AGENDA

ACTION: Agenda was adopted.

MOTION PASSED

Ayes: Directors Osborne, Anzini, Dwyer, Raffety and Day

COMMUNICATIONS

None

PUBLIC COMMENT

None

COMMUNICATIONS

General Manager

- a) Dan Corcoran, Operations Director, provided an update on the recent PG&E Public Safety Power Shutoff (PSPS) event and its impacts to the District.

Clerk to the Board

None

Board of Directors

Director Anzini thanked staff for their efforts during the recent PG&E PSPS events. Additionally, she reported on her attendance at Assemblyman Kevin Kiley's fire safe forum held in Cameron Park. Director Anzini commented on El Dorado County's CodeRED system.

Director Dwyer reported on an email from a district customer regarding the District's Cost of Service Study.

Director Osborne reported on his attendance at Assemblyman Kevin Kiley's fire safe forum held in Cameron Park.

APPROVE CONSENT CALENDAR

ACTION: Consent Calendar was approved.

MOTION PASSED

Ayes: Directors Raffety, Dwyer, Osborne, Anzini and Day

CONSENT CALENDAR

1. Finance (Pasquarello)

Ratification of EID General Warrant Registers for the periods ending October 8 and October 15, 2019, and Board and Employee Expense Reimbursements for these periods.

ACTION: Option 1: Ratified the EID General Warrant Registers as submitted to comply with Section 24600 of the Water Code of the State of California. Received and filed Board and Employee Expense Reimbursements.

MOTION PASSED

Ayes: Directors Raffety, Dwyer, Osborne, Anzini and Day

2. Clerk to the Board (Sullivan)

Approval of the minutes of the October 15, 2019 regular meeting of the Board of Directors.

ACTION: Option 1: Approved as submitted.

MOTION PASSED

Ayes: Directors Raffety, Dwyer, Osborne, Anzini and Day

3. Finance (Downey)

Consideration to award a contract to DataProse, Inc. in the not-to-exceed amount of \$200,000 for bill printing, mailing and Internet payment services, and authorize the General Manager to approve annual contracts with DataProse, Inc. for these services.

ACTION: Option 1: Awarded a contract to DataProse, Inc. in the not-to-exceed amount of \$200,000 for bill printing, mailing and Internet payment services, and authorized the General Manager to approve annual contracts with DataProse, Inc. for these services.

MOTION PASSED

Ayes: Directors Raffety, Dwyer, Osborne, Anzini and Day

4. Operations (Odzakovic)

Consideration to award a contract to Doug Veerkamp General Engineering Inc. in the not-to-exceed amount of \$59,341 for construction of traffic safety measures related to the El Dorado Hills Boulevard roadway and intersection rehabilitation.

ACTION: Option 1: Awarded a contract to Doug Veerkamp General Engineering Inc. in the not-to-exceed amount of \$59,341 for construction of traffic safety measures related to the El Dorado Hills Boulevard roadway and intersection rehabilitation.

MOTION PASSED

Ayes: Directors Raffety, Dwyer, Osborne, Anzini and Day

END OF CONSENT CALENDAR

INFORMATION ITEMS

5. Office of the General Counsel (Leeper)

Presentation of Annual Legislative Report for 2019 by Bob Reeb of Reeb Government Relations, LLC.

ACTION: None – Information only.

CLOSED SESSION

A. Conference with General Counsel – Anticipated Litigation (Poulsen)

Government Code Sections 54956.9(d)(2) & (e)(2)

(one potential case: claim by Shimmick Construction regarding Forebay Dam Project)

ACTION: The Board met and conferred with counsel and staff. On a motion by Director Osborne, seconded by Director Raffety and approved on a unanimous 5-0 vote, the Board 1) approved a construction change directive to Shimmick Construction Company Inc. in the not-to-exceed amount of \$274,764.50 for the undisputed direct costs associated with dewatering at the Forebay inlet; 2) approved a change order to GEI Consultants, Inc. in the not-to-exceed amount of \$200,000 for additional construction management services; and 3) authorized additional funding of \$474,764.50 for Forebay Dam Modification, Project No. 17013.

B. Conference with General Counsel – Anticipated Litigation (Poulsen)

Government Code Sections 54956.9(d)(2) & (e)(3)

(one potential case: claim by Clint Ayler regarding water damage)

ACTION: The Board met and conferred with counsel and staff but took no reportable action.

REVIEW OF ASSIGNMENTS

None

ADJOURNMENT

President Day adjourned the meeting at 11:10 A.M.

Alan Day
Board President
EL DORADO IRRIGATION DISTRICT

ATTEST

Jennifer Sullivan
Clerk to the Board
EL DORADO IRRIGATION DISTRICT

Approved: _____

EL DORADO IRRIGATION DISTRICT

Subject: Consideration to authorize additional funding for District Capital Improvement Plan (CIP) Project: DOT Construction Projects - Water, Project No. 18025 in the amount of \$50,000.

Previous Board Action

January 28, 2019 – Board adopted the 2019-2023 CIP, subject to available funding.

October 15, 2019 – Board adopted the 2020-2024 CIP, subject to available funding.

Board Policies (BP), Administrative Regulations (AR) and Board Authority

Staff advised that each CIP project would be presented to the Board for funding approval.

Summary of Issue

Board approval is required to authorize CIP funding prior to staff proceeding with work on the projects.

Background/Discussion

The CIP project identified in Table 1 requires immediate funding. The expenditures to date, amount of new funding requested and the funding source are listed.

**Table 1
CIP Funding Request**

	Project Name and Number	2019-2023 CIP Plan¹	Funded to Date	Actual Costs to date²	Amount Requested	Funding Source
1.	DOT Construction Projects - Water 18025	\$148,204	\$90,669	\$54,893	\$50,000	100% water rates
	TOTAL FUNDING REQUEST				\$50,000	

¹ Includes all existing costs plus any expected costs in the 5-year CIP.

² Actual costs include encumbrances.

The following section contains a brief breakdown and description of the project in the table.

CIP Funding Request

Project No.	18025	Board Date	11/12/19
Project Name	DOT Construction Projects - Water		
Project Manager	Kailee Delongchamp		

Budget Status	\$	%
Funded to Date	\$ 90,669	--
Spent to Date (including encumbrances)	\$ 54,893	61%
Current Remaining	\$ 35,776	39%

Funding Request Breakdown	\$
Construction (Outside Services)	\$ 21,234
Capitalized Labor (Coordination, Design, & Construction)	\$ 28,766
Total	\$ 50,000

Funding Source
100% Water rates

Description
<p>EID has many water, wastewater, and recycled water lines in roads maintained by the El Dorado County Department of Transportation (DOT), Caltrans, or the City of Placerville. From time to time, a road project is undertaken where EID infrastructure to be relocated or upgraded.</p> <p>This CIP is intended for staff coordination with DOT, Caltrans, and the City of Placerville as well as for minor projects necessitated by roadway projects. These minor water-related relocations are performed by the County under a Master Reimbursement Agreement. Larger utility relocation projects will have a specific project number that encompasses all EID work associated with a particular roadway project.</p> <p>The current project balance has been dedicated to the initial coordination of Hanks Exchange Road Bridge Replacement, Placerville Drive Hangtown Creek Bridge Replacement, and Silver Springs Parkway. As well as to attending the monthly County coordination meetings. Additional funding is needed to fund the relocation of an air release valve (ARV) on Sawmill (Ridgeway) Road in Pollock Pines. Caltrans will be widening the road in the Spring 2020. In preparation the District must relocate their ARV located within the State's right-of-way. The funding request also includes staff time for project management, inspection, and continued coordination with Caltrans for the Ridgeway project.</p>

Board Options

Option 1: Authorize additional funding for District Capital Improvement Plan (CIP) Project: DOT Construction Projects – Water, Project No. 18025 in the amount of \$50,000.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

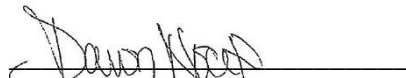
Recommendation


Option 1


Attachments

Attachment A: CIP Summary

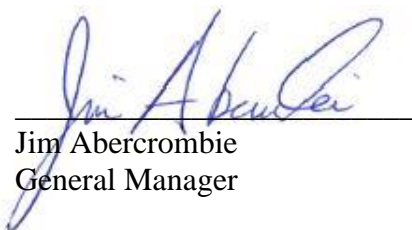

Kailee Delongchamp
Associate Engineer


Dawn Noceti
Accountant


Elizabeth Dawson
Engineering Manager


Brian Mueller
Engineering Director


Mark Price
Finance Director


Jim Abercrombie
General Manager

2019

CAPITAL IMPROVEMENT PLAN Program:

Water

Project Number: 18025
Project Name: DOT Construction Projects - Water
Project Category: State/County Road Projects

Priority: 1 **PM:** Wilson **Board Approval:** 01/28/19

Project Description:

At Board direction, staff has streamlined contracting procedures with the El Dorado County Department of Transportation (DOT) and City of Placerville for joint projects. EID has many water and sewer lines in roads maintained by the El Dorado County Department of Transportation (DOT). From time to time, DOT initiates a road project where either the EID water, wastewater, or recycled waterlines need to be relocated or upgraded, which presents opportunities to join forces with DOT in the project by simultaneously upgrading and/or relocating our facilities. On August 10, 2015 the Board reauthorized the Master Reimbursement Agreement which is utilized for such projects. The agreement is good for five years.

This CIP is intended for staff coordination with DOT throughout the year and for minor projects. This CIP will also be used to fund minor water related relocations performed by the County under the Agreement. Larger utility relocation projects will have a specific CIP that identifies all the work associated with that project.

Basis for Priority:

Projects are required by law, regulation, contract, agreement or license. This includes projects required to meet requirements imposed by federal, State, or local governments. This also includes relocation of District facilities located in the public right-of-way as necessitated by County road improvements.

Project Financial Summary:

Funded to Date:	\$ 47,777	Expenditures through end of year:	\$ 23,204
Spent to Date:	\$ 23,204	2019 - 2023 Planned Expenditures:	\$ 125,000
Cash flow through end of year:		Total Project Estimate:	\$ 148,204
Project Balance	\$ 24,573	Additional Funding Required	\$ 100,427

Description of Work	Estimated Annual Expenditures					
	2019	2020	2021	2022	2023	Total
Design And Coordination	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$ 125,000
TOTAL	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

Estimated Funding Sources	Percentage	2019	Amount
Water Rates	100%		\$427
Total	100%		\$427

Funding Comments: Typically work involves replacement or relocation of existing facilities. However, funding split will be further evaluated for each project.

EL DORADO IRRIGATION DISTRICT

Subject: Consideration to adopt five updated resolutions temporarily designating Kaiser Permanente as the District’s benchmark plan, and fixing the Employer’s Contribution under the Public Employees’ Medical and Hospital Care Act for the 2020 plan year for the following groups: Association of El Dorado Irrigation District Employees, El Dorado Irrigation District Managers and Supervisors Association, Professional and Contract Group, Directors Group PERS, and Directors Group Non-PERS.

Previous Board Action

September 9, 2013 – Board approved four resolutions fixing the Employer’s Contribution rate for employees and annuitants under the Public Employees’ Medical and Hospital Care Act.

September 9, 2014 – Board approved four resolutions fixing the Employer’s Contribution under the Public Employees’ Medical and Hospital Care Act.

November 9, 2015 – Board approved four resolutions fixing the Employer’s Contribution under the Public Employees’ Medical and Hospital Care Act.

March 11, 2019 – Board adopted the negotiated Memorandum of Understanding between the El Dorado Irrigation District and the Association of El Dorado Irrigation District Employees for the term of January 1, 2019 to December 31, 2021.

July 22, 2019 – Board adopted the negotiated Memorandum of Understanding between the El Dorado Irrigation District and the El Dorado Irrigation District Managers and Supervisors Employee Association for the term of January 1, 2019 to December 31, 2021.

August 12, 2019 – Board adopted five updated resolutions fixing the Employer’s Contribution for employees and annuitants under the Public Employees’ Medical and Hospital Care Act using “Region 1’s” lowest cost HMO, Western Health Advantage, as the District’s “Benchmark” plan.

Board Policies (BP), Administrative Regulations (AR) and Board Authority

The Board has the legal power and authority to approve agreements with the El Dorado Irrigation District Employee Association and the El Dorado Irrigation District Managers and Supervisors Association pursuant to the Meyers-Milius-Brown Act, Government Code Sections 3500-3510.

Summary of Issue

The California Public Employees’ Retirement System (CalPERS) requires that the Board of Directors approve amendments to existing labor agreements that affect retirement and medical benefits.

Background/Discussion

The Board previously approved five resolutions on August 12, 2019, fixing the Employer’s Contribution for employees and annuitants under the Public Employees’ Medical and Hospital Care Act using “Region 1’s” lowest cost HMO, Western Health Advantage, as the District’s benchmark plan.

During its October 15, 2019, meeting, the Board approved a proposal from the Association of El Dorado Irrigation District Employees (“EIDEA”) which sought to temporarily designate Kaiser Permanente as the District’s Benchmark Plan for calendar year 2020. The Board also directed staff to secure Letters of Understanding (“LOU”) with the EIDEA and the El Dorado Irrigation District Managers and Supervisors Employee Association (“EIDMSA”) to effectuate that change.

On October 25, 2019, the District negotiated and reached agreement on LOU’s with both the EIDEA and the EIDMSA. Both LOUs temporarily designate Kaiser Permanente as the District’s benchmark plan for calendar year 2020.

The five updated resolutions reflect the above temporary designation and contain employee cost-share provisions consistent with both the March 11, 2019, Memorandum of Understanding with the EIDEA, and the July 22, 2019, Memorandum of Understanding with the EIDMSA and fulfill the requirements of CalPERS under the Public Employees’ Medical and Hospital Care Act to amend the existing EID-CalPERS contracts that cover employees and annuitants of the District.

Board Options

Option 1: Adopt five updated resolutions temporarily designating Kaiser Permanente as the District’s benchmark plan, and fixing the Employer’s Contribution under the Public Employees’ Medical and Hospital Care Act for the 2020 plan year for the following groups: Association of El Dorado Irrigation District Employees, El Dorado Irrigation District Managers and Supervisors Association, Professional and Contract Group, Directors Group PERS, and Directors Group Non-PERS.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

Recommendation

Option 1.

Attachments

Attachment A: Resolution fixing Employer contribution rate for Group 001-El Dorado Irrigation District Employee Association

Attachment B: Resolution fixing Employer contribution rate for Group 002 – El Dorado Irrigation District Manager and Supervisor Association

Attachment C: Resolution fixing Employer contribution rate for Group 003-Professional and Contract Group

Attachment D: Resolution fixing Employer contribution rate for Group 004 – Directors group PERS

Attachment E: Resolution fixing Employer contribution rate for Group 700-Directors Group Non-PERS

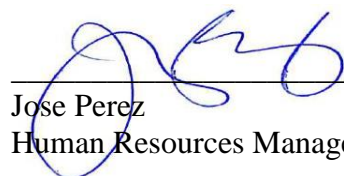
Attachment F: CalPERS 2020 Monthly Premiums for Contracting Agencies Region 1

Attachment G: Letter of Understanding- El Dorado Irrigation District Managers and Supervisors Employee Association

Attachment H: Letter of Understanding – Association of El Dorado Irrigation District Employees Association-Kaiser Benchmark 10.25.2019



Alison Costa
Senior Human Resources Analyst



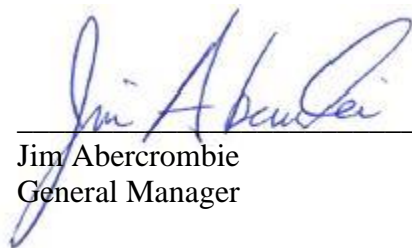
Jose Perez
Human Resources Manager



Mark Price
Finance Director



Brian Poulsen
General Counsel



Jim Abercrombie
General Manager

RESOLUTION NO. 0T
FIXING THE EMPLOYER CONTRIBUTION AT AN EQUAL AMOUNT FOR EMPLOYEES AND ANNUITANTS
UNDER THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT
WITH RESPECT TO A RECOGNIZED EMPLOYEE ORGANIZATION
MEDICAL GROUP 001 ASSOC EID EMPLOYEES

- WHEREAS, (1) **El Dorado Irrigation District** is a contracting agency under Government Code Section 22920 and subject to the Public Employees' Medical and Hospital Care Act (the "Act") for participation by members of **The Association of El Dorado Irrigation District Employees** and
- WHEREAS, (2) Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, (3) Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- RESOLVED, (a) That the employer contribution for each employee or annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan up to a maximum of **100% Self/85% Dependents not to exceed 100% Self/85% Dependents Kaiser Region 1 Basic** per month, plus administrative fees and Contingency Reserve Fund assessments; and be it further
- RESOLVED, (b) **El Dorado Irrigation District** has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further
- RESOLVED, (c) That the participation of the employees and annuitants of **El Dorado Irrigation District** shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that **El Dorado Irrigation District** would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer.
- RESOLVED, (d) That the executive body appoint and direct, and it does hereby appoint and direct, the Human Resources Manager to file with the Board a verified copy of this resolution, and to perform on behalf of **El Dorado Irrigation District** all functions required of it under the Act.

Adopted at a regular meeting of the El Dorado Irrigation District Board of Directors at Placerville, California, this 12th day of November, 2019.

Signed: _____
Alan Day, Board President

Attest: _____
Jennifer Sullivan, Clerk to the Board

RESOLUTION NO. Number

**FIXING THE EMPLOYER CONTRIBUTION AT AN EQUAL AMOUNT FOR EMPLOYEES AND ANNUITANTS
UNDER THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT
WITH RESPECT TO A RECOGNIZED EMPLOYEE ORGANIZATION
MEDICAL GROUP 002 EID MANAGER/SUP ASSOC**

- WHEREAS, (1) **El Dorado Irrigation District** is a contracting agency under Government Code Section 22920 and subject to the Public Employees' Medical and Hospital Care Act (the "Act") for participation by members of **El Dorado Irrigation District Manager and Supervisor Association** and
- WHEREAS, (2) Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, (3) Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- RESOLVED, (a) That the employer contribution for each employee or annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan up to a maximum of **100% Self/85% Dependents not to exceed 100% Self/85% Dependents Kaiser Region 1 Basic** per month, plus administrative fees and Contingency Reserve Fund assessments; and be it further
- RESOLVED, (b) **El Dorado Irrigation District** has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further
- RESOLVED, (c) That the participation of the employees and annuitants of **El Dorado Irrigation District** shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that **El Dorado Irrigation District** would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer.
- RESOLVED, (d) That the executive body appoint and direct, and it does hereby appoint and direct, the Human Resources Manager to file with the Board a verified copy of this resolution, and to perform on behalf of **El Dorado Irrigation District** all functions required of it under the Act.

Adopted at a regular meeting of the El Dorado Irrigation District Board of Directors at Placerville, California, this 12th day of November, 2019.

Signed: _____
Alan Day, Board President

Attest: _____
Jennifer Sullivan, Clerk to the Board

RESOLUTION NO. 0T
FIXING THE EMPLOYER CONTRIBUTION AT AN EQUAL AMOUNT FOR EMPLOYEES AND ANNUITANTS
UNDER THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT
WITH RESPECT TO A RECOGNIZED EMPLOYEE ORGANIZATION
MEDICAL GROUP 003 PROF/CONTRACT GROUP

- WHEREAS, (1) **El Dorado Irrigation District** is a contracting agency under Government Code Section 22920 and subject to the Public Employees' Medical and Hospital Care Act (the "Act") for participation by members of **Professional and Contract Group** and
- WHEREAS, (2) Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, (3) Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- RESOLVED, (a) That the employer contribution for each employee or annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan up to a maximum of **100% Self/85% Dependents not to exceed 100% Self/85% Dependents Kaiser Region 1 Basic** per month, plus administrative fees and Contingency Reserve Fund assessments; and be it further
- RESOLVED, (b) **El Dorado Irrigation District** has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further
- RESOLVED, (c) That the participation of the employees and annuitants of **El Dorado Irrigation District** shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that **El Dorado Irrigation District** would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer.
- RESOLVED, (d) That the executive body appoint and direct, and it does hereby appoint and direct, the Human Resources Manager to file with the Board a verified copy of this resolution, and to perform on behalf of **El Dorado Irrigation District** all functions required of it under the Act.

Adopted at a regular meeting of the El Dorado Irrigation District Board of Directors at Placerville, California, this 12th day of November, 2019.

Signed: _____
Alan Day, Board President

Attest: _____
Jennifer Sullivan, Clerk to the Board

RESOLUTION NO. 0T
FIXING THE EMPLOYER CONTRIBUTION AT AN EQUAL AMOUNT FOR EMPLOYEES AND ANNUITANTS
UNDER THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT
WITH RESPECT TO A RECOGNIZED EMPLOYEE ORGANIZATION
MEDICAL GROUP 004 DIRECTORS GROUP PERS

- WHEREAS, (1) **El Dorado Irrigation District** is a contracting agency under Government Code Section 22920 and subject to the Public Employees' Medical and Hospital Care Act (the "Act") for participation by members of **PERS Enrolled Directors Group** and
- WHEREAS, (2) Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, (3) Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- RESOLVED, (a) That the employer contribution for each employee or annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan up to a maximum of **100% Self/85% Dependents not to exceed 100% Self/85% Dependents Kaiser Region 1 Basic** per month, plus administrative fees and Contingency Reserve Fund assessments; and be it further
- RESOLVED, (b) **El Dorado Irrigation District** has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further
- RESOLVED, (c) That the participation of the employees and annuitants of **El Dorado Irrigation District** shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that **El Dorado Irrigation District** would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer.
- RESOLVED, (d) That the executive body appoint and direct, and it does hereby appoint and direct, the Human Resources Manager to file with the Board a verified copy of this resolution, and to perform on behalf of **El Dorado Irrigation District** all functions required of it under the Act.

Adopted at a regular meeting of the El Dorado Irrigation District Board of Directors at Placerville, California, this 12th day of November, 2019.

Signed: _____
Alan Day, Board President

Attest: _____
Jennifer Sullivan, Clerk to the Board

RESOLUTION NO. 0T
FIXING THE EMPLOYER CONTRIBUTION AT AN EQUAL AMOUNT FOR EMPLOYEES AND ANNUITANTS
UNDER THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT
WITH RESPECT TO A RECOGNIZED EMPLOYEE ORGANIZATION
MEDICAL GROUP 700 DIRECTORS GROUP NON-PERS

- WHEREAS, (1) **El Dorado Irrigation District** is a contracting agency under Government Code Section 22920 and subject to the Public Employees' Medical and Hospital Care Act (the "Act") for participation by members of **Non-PERS Enrolled Directors Group** and
- WHEREAS, (2) Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, (3) Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- RESOLVED, (a) That the employer contribution for each employee or annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan up to a maximum of **100% Self/85% Dependents not to exceed 100% Self/85% Dependents Kaiser Region 1 Basic** per month, plus administrative fees and Contingency Reserve Fund assessments; and be it further
- RESOLVED, (b) **El Dorado Irrigation District** has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further
- RESOLVED, (c) That the participation of the employees and annuitants of **El Dorado Irrigation District** shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that **El Dorado Irrigation District** would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer.
- RESOLVED, (d) That the executive body appoint and direct, and it does hereby appoint and direct, the Human Resources Manager to file with the Board a verified copy of this resolution, and to perform on behalf of **El Dorado Irrigation District** all functions required of it under the Act.

Adopted at a regular meeting of the El Dorado Irrigation District Board of Directors at Placerville, California, this 12th day of November, 2019.

Signed: _____
Alan Day, Board President

Attest: _____
Jennifer Sullivan, Clerk to the Board

6/26/2019

CalPERS 2020 Monthly Premiums for Contracting Agencies Region 1

Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, Yuba

Actives and Annuitants

Effective Date: 1/1/2020 - 12/31/2020

Basic Monthly Rate (B)

PLAN	Employee Only	Plan Code	Party Rate	Employee & 1 Dependent	Plan Code	Party Rate	Employee & 2+ Dependents	Plan Code	Party Rate
Anthem EPO Del Norte	\$861.18	5041	1	\$1,722.36	5042	2	\$2,239.07	5043	3
Anthem HMO Select	868.98	5061	1	1,737.96	5062	2	2,259.35	5063	3
Anthem HMO Traditional	1,184.84	5091	1	2,369.68	5092	2	3,080.58	5093	3
Blue Shield Access+	1,127.77	5251	1	2,255.54	5252	2	2,932.20	5253	3
Blue Shield EPO	1,127.77	5241	1	2,255.54	5242	2	2,932.20	5243	3
Blue Shield Trio	833.00	4511	1	1,666.00	4512	2	2,165.80	4513	3
Health Net SmartCare	1,000.52	5281	1	2,001.04	5282	2	2,601.35	5283	3
Kaiser Permanente	768.49	5331	1	1,536.98	5332	2	1,998.07	5333	3
PERS Choice	861.18	5481	1	1,722.36	5482	2	2,239.07	5483	3
PERS Select	520.29	5571	1	1,040.58	5572	2	1,352.75	5573	3
PERSCare	1,133.14	5661	1	2,266.28	5662	2	2,946.16	5663	3
PORAC Region 1	774.00	5921	1	1,699.00	5922	2	2,199.00	5923	3
UnitedHealthcare	899.94	5761	1	1,799.88	5762	2	2,339.84	5763	3
Western Health Advantage	731.96	5911	1	1,463.92	5912	2	1,903.10	5913	3

Supplement/Managed Medicare Monthly Rate (M)

PLAN	Employee Only	Plan Code	Party Rate	Employee & 1 Dependent	Plan Code	Party Rate	Employee & 2+ Dependents	Plan Code	Party Rate
Anthem Select Med Pref Health Only	\$388.15	4551	4	\$776.30	4552	5	\$1,164.45	4553	6
Anthem Select Med Pref ¹ Health/Dental/Vision	388.15	4591	4	776.30	4592	5	1,164.45	4593	6
Anthem Traditional Med Pref Health Only	388.15	5151	4	776.30	5152	5	1,164.45	5153	6
Anthem Traditional Med Pref ¹ Health/Dental/Vision	388.15	5121	4	776.30	5122	5	1,164.45	5123	6
Kaiser Senior Adv	339.43	5361	4	678.86	5362	5	1,018.29	5363	6
Kaiser Senior Adv/Dental ²	339.43	5421	4	678.86	5422	5	1,018.29	5423	6
PERS Choice Med Supp	351.39	5511	4	702.78	5512	5	1,054.17	5513	6
PERS Select Med Supp	351.39	5601	4	702.78	5602	5	1,054.17	5603	6
PERSCare Med Supp	384.78	5691	4	769.56	5692	5	1,154.34	5693	6
PORAC Region 1 Med Supp	513.00	5951	4	1,022.00	5952	5	1,635.00	5953	6
UnitedHealthcare Grp Med Adv/PPO Health Only	327.03	5791	4	654.06	5792	5	981.09	5793	6
UnitedHealthcare ³ Grp Med Adv/PPO Health/Dental/Vision	327.03	5851	4	654.06	5852	5	981.09	5853	6

¹Dental and Vision coverage is an additional \$38.00 per member per month premium. You will be billed directly for this amount.

²Dental benefit is an additional \$15.05 per member per month premium. You will be billed directly for this amount.

³Dental and Vision coverage is an additional \$31.65 per member per month premium. You will be billed directly for this amount.

CalPERS 2020 Monthly Premiums for Contracting Agencies Region 1

Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, Yuba

Actives and Annuitants

Effective Date: 1/1/2020 - 12/31/2020

Combination Monthly Rate

PLAN	Employee in M 1 Dependent in B	Plan Code	Party Rate	Employee in M 2+ Dependents in B	Plan Code	Party Rate	Employee in M & 1 Dependent in M 1+ Dependents in B	Plan Code	Party Rate
Anthem EPO Del Norte/Med Supp	\$1,212.57	5054	7	\$1,729.28	5055	8	\$1,219.49	5056	9
Anthem Select/ Med Pref Health Only	1,257.13	4574	7	1,778.52	4575	8	1,297.69	4576	9
Anthem Select ¹ / Med Pref Health/Dental/Vision	1,257.13	4604	7	1,778.52	4605	8	1,297.69	4606	9
Anthem Traditional/ Med Pref Health Only	1,572.99	5184	7	2,283.89	5185	8	1,487.20	5186	9
Anthem Traditional ¹ / Med Pref Health/Dental/Vision	1,572.99	5214	7	2,283.89	5215	8	1,487.20	5216	9
Kaiser/Senior Adv	1,107.92	5394	7	1,569.01	5395	8	1,139.95	5396	9
Kaiser/Senior Adv/Dental ²	1,107.92	5454	7	1,569.01	5455	8	1,139.95	5456	9
PERS Choice/Med Supp	1,212.57	5544	7	1,729.28	5545	8	1,219.49	5546	9
PERS Select/Med Supp	871.68	5634	7	1,183.85	5635	8	1,014.95	5636	9
PERSCare/Med Supp	1,517.92	5724	7	2,197.80	5725	8	1,449.44	5726	9
PORAC Region 1/Med Supp	1,438.00	5984	7	1,938.00	5985	8	1,522.00	5986	9
UnitedHealthcare/ Grp Med Adv/PPO Health Only	1,226.97	5824	7	1,766.93	5825	8	1,194.02	5826	9
UnitedHealthcare ³ / Grp Med Adv/PPO Health/Dental/Vision	1,226.97	5884	7	1,766.93	5885	8	1,194.02	5886	9

Combination Monthly Rate

PLAN	Employee in B 1 Dependent in M	Plan Code	Party Rate	Employee in B 2+ Dependents in M	Plan Code	Party Rate	Employee in B & 1 Dependent in M 1+ Dependents in B	Plan Code	Party Rate
Anthem EPO Del Norte/Med Supp	\$1,212.57	5057	10	\$1,563.96	5058	11	\$1,729.28	5059	12
Anthem Select/ Med Pref Health Only	1,257.13	4577	10	1,645.28	4578	11	1,778.52	4579	12
Anthem Select ¹ / Med Pref Health/Dental/Vision	1,257.13	4607	10	1,645.28	4608	11	1,778.52	4609	12
Anthem Traditional/ Med Pref Health Only	1,572.99	5187	10	1,961.14	5188	11	2,283.89	5189	12
Anthem Traditional ¹ / Med Pref Health/Dental/Vision	1,572.99	5217	10	1,961.14	5218	11	2,283.89	5219	12
Kaiser/Senior Adv	1,107.92	5397	10	1,447.35	5398	11	1,569.01	5399	12
Kaiser/Senior Adv/Dental ²	1,107.92	5457	10	1,447.35	5458	11	1,569.01	5459	12
PERS Choice/Med Supp	1,212.57	5547	10	1,563.96	5548	11	1,729.28	5549	12
PERS Select/Med Supp	871.68	5637	10	1,223.07	5638	11	1,183.85	5639	12
PERSCare/Med Supp	1,517.92	5727	10	1,902.70	5728	11	2,197.80	5729	12
PORAC Region 1/Med Supp	1,283.00	5987	10	1,896.00	5988	11	1,783.00	5989	12
UnitedHealthcare/ Grp Med Adv/PPO Health Only	1,226.97	5827	10	1,554.00	5828	11	1,766.93	5829	12
UnitedHealthcare ³ / Grp Med Adv/PPO Health/Dental/Vision	1,226.97	5887	10	1,554.00	5888	11	1,766.93	5889	12

¹Dental and Vision coverage is an additional \$38.00 per member per month premium. You will be billed directly for this amount.

²Dental benefit is an additional \$15.05 per member per month premium. You will be billed directly for this amount.

³Dental and Vision coverage is an additional \$31.65 per member per month premium. You will be billed directly for this amount.

**LETTER OF UNDERSTANDING
BETWEEN
EL DORADO IRRIGATION DISTRICT
AND
THE EL DORADO IRRIGATION DISTRICT MANAGERS AND SUPERVISORS
ASSOCIATION**

**TEMPORARILY DESIGNATING KAISER PERMANENTE AS BENCHMARK PLAN
UNDER ARTICLE 6 (A)(1)(a) OF THE PARTIES' JANUARY 1, 2019 THROUGH
DECEMBER 31, 2021 MEMORANDUM OF UNDERSTANDING**

This Letter of Understanding (“LOU”) is made effective October 25, 2019, and has been jointly prepared by the designated representatives of the El Dorado Irrigation District (“District”), a public agency within the meaning of Section 3501(c) of the Government Code of the State of California, and the designated representatives of the El Dorado Irrigation District Managers and Supervisors Association (“Association”), a recognized employee organization within the meaning of Section 3501(b) of the Government Code of the State of California, as follows:

WHEREAS, the District and the Association are parties to a Memorandum of Understanding effective January 1, 2019 through December 31, 2021 (hereinafter the “MOU”); and

WHEREAS, the District and the Association, having met and conferred in good faith pursuant to section 3505 of the Government Code of the State of California, have reached tentative agreement, and now desire to temporarily designate the Kaiser Permanent HMO Plan as the District’s Benchmark plan for calendar year 2020, pursuant to Article 6(A)(1)(a).

WHEREAS, the District and the Association desire to reaffirm all remaining terms of the MOU prior to this date.

NOW, THEREFORE, the District and the Association, hereby temporarily designate the Kaiser Permanente HMO plan for the 95667 Zip Code as the District’s Benchmark Plan for calendar year 2020 pursuant to Article 6(A)(1)(a).

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IN WITNESS WHEREOF, the parties hereto have executed this Letter of Understanding effective the date first set forth above.

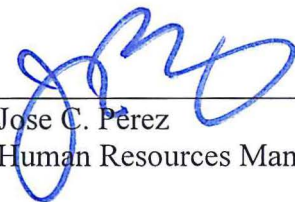
EL DORADO IRRIGATION DISTRICT
MANAGERS AND SUPERVISORS
ASSOCIATION

EL DORADO IRRIGATION DISTRICT

By: 
Elizabeth Dawson
Its: President

By: 
Jim Abercrombie
Its: General Manager


By: 
Jennifer Downey
Its: Vice President


By: 
Jose C. Pérez
Its: Human Resources Manager

Approved as to form:

Approved as to form:

GOYETTE & ASSOCIATES.

By: 
Kim Gillingham
Labor Representative for Association

By: 
Brian Poulsen
General Counsel for District

**LETTER OF UNDERSTANDING
BETWEEN
EL DORADO IRRIGATION DISTRICT
AND
THE ASSOCIATION OF EL DORADO IRRIGATION DISTRICT EMPLOYEES
TEMPORARILY DESIGNATING KAISER PERMANENTE AS BENCHMARK PLAN
UNDER ARTICLE 6 (A)(1)(a) OF THE PARTIES' JANUARY 1, 2019 THROUGH
DECEMBER 31, 2021 MEMORANDUM OF UNDERSTANDING**

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[REMAINDER OF PAGE INTENTIONALY LEFT BLANK]


IN WITNESS WHEREOF, the parties hereto have executed this Letter of Understanding effective the date first set forth above.

EL DORADO IRRIGATION DISTRICT
MANAGERS AND SUPERVISORS
ASSOCIATION


By: 
Steve Hilton
Its: President

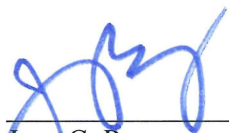
By: 
Scott Carpenter
Its: Vice President

Approved as to form:
ROSE LAW, A Prof. Corp.


By: 
Joseph W. Rose
Attorney for Association

EL DORADO IRRIGATION DISTRICT

By: 
Jim Abercrombie
Its: General Manager

By: 
Jose C. Perez
Its: Human Resources Manager

Approved as to form:
El Dorado Irrigation District

By: 
Brian Poulsen
General Counsel for District

EL DORADO IRRIGATION DISTRICT

Subject: Consideration to receive and file the District’s Investment Report for the quarter ending September 30, 2019.

Previous Board Action

The Board receives and files quarterly Investment Reports.

Board Policies (BP), Administrative Regulations (AR), and Board Authority

The Board receives, reviews, and files the quarterly Investment Report per the California Government Code and the District’s Investment Policy (BP 3090), which requires the Treasurer to submit a quarterly investment report to the governing body and chief executive officer.

Summary of Issue

The Investment Report for the quarter ended September 30, 2019 is attached for the Board’s review.

Background/Discussion

The attached Investment Report for the quarter ended September 30, 2019 covers the investment portfolios managed by the District showing the “par,” “market” and “book” values for all investments, as well as interest earnings. The par value is the value on the face of the security, market value is what it will sell for in the current market, and book value is the recorded value in the District’s accounting system. The book value may vary slightly from par due to variations in discounts and premiums. Additionally, the Investment Report provides an economic review as well as an economic outlook. Economic outlook reports are a valuable tool for assessing the markets and decision making of potential investment opportunities.

El Dorado Irrigation District

INVESTMENT REPORT

for the Quarter Ended September 30, 2019

Portfolio Valuation

The table below outlines the par value, book value, market value and total earnings of the District's portfolios for the quarter ended September 30, 2019. The General Portfolio balance represents funds invested in LAIF, CAMP, federal agency securities, corporate medium-term notes, certificates of deposit, and cash held at Bank of America and El Dorado Savings Bank. The remaining portfolios represent cash and investment positions within each of the District's bond issues and loans held at Union Bank of California; the District's fiscal agent. The balances within the State Revolving Fund represent required reserve balances plus reinvested interest earnings. The balance within the 2016B bond issue represents bond proceeds plus interest earned to fund Board approved water infrastructure capital projects. The balances within the remaining bond issues represent residual interest earnings on previously held debt service cash deposits with the District's fiscal agent Union Bank of California.

<i>Portfolios as of Quarter ended 09/30/2019</i>	<i>Par Value</i>	<i>Book Value</i>	<i>Market Value</i>	<i>Total Earnings</i>		<i>Yield 365 Eq</i>
				<i>Qtr-To-Date</i>	<i>Year-To-Date</i>	
General Portfolio	\$82,365,120	\$82,320,260	\$82,445,924	\$506,609	\$1,437,515	2.27%
State Revolving Fund	2,915,254	2,915,254	2,915,254	16,392	47,418	1.92%
2009A Fixed COPs	1,183	1,183	1,183	0	229	1.92%
2010A Fixed COPs	2,660	2,660	2,660	24	11,685	1.92%
2012A Fixed Rev Rfndg	263	263	263	350	2,369	1.92%
2014A Fixed Rev Rfndg	859	859	859	1,136	3,104	1.92%
2016A Fixed Rev Rfndg	175	175	175	216	595	1.82%
2016B Fixed COPs	11,808,197	11,808,197	11,808,197	83,527	372,662	2.28%
2016C Fixed Rev Rfndg	870	870	870	1,072	1,988	1.82%
Total	\$97,094,581	\$97,049,721	\$97,175,385	\$609,326	\$1,877,565	

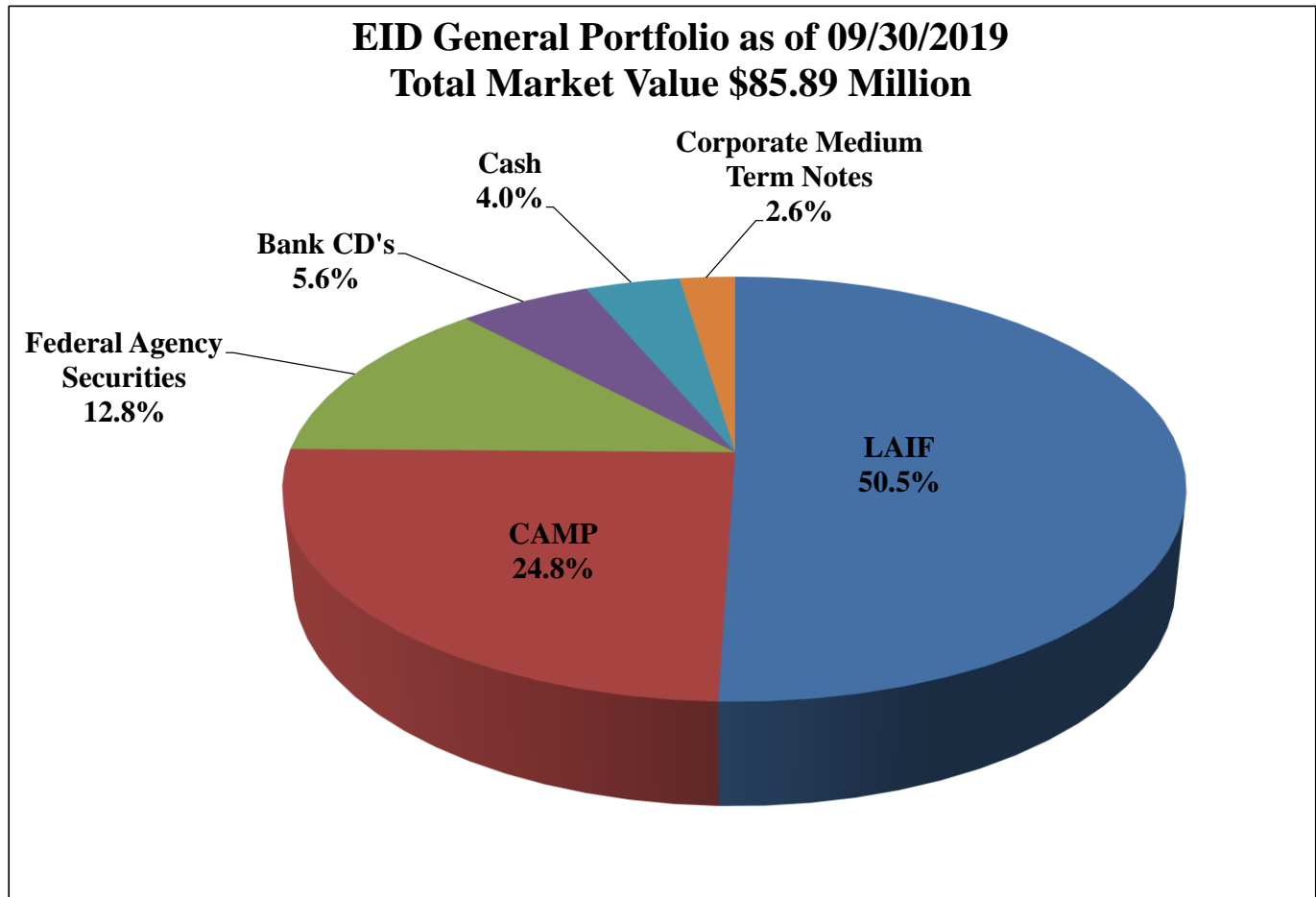
Source of Market Value: Bank of New York

General Portfolio Composition

The table and chart below displays the market value of the District’s General Portfolio investment holdings in dollars and percentages.

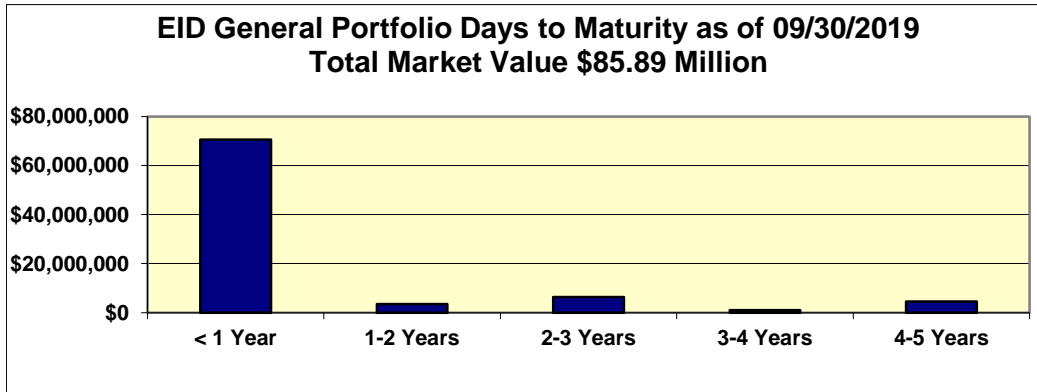
General Portfolio Composition

Market Value as of 09/30/2019 (Millions \$)	
LAIF	\$ 43.37
CAMP	21.26
Federal Agency Securities	11.00
Bank CD's	4.80
Cash	3.44
Corp Medium Term Notes	2.01
Total	\$ 85.89



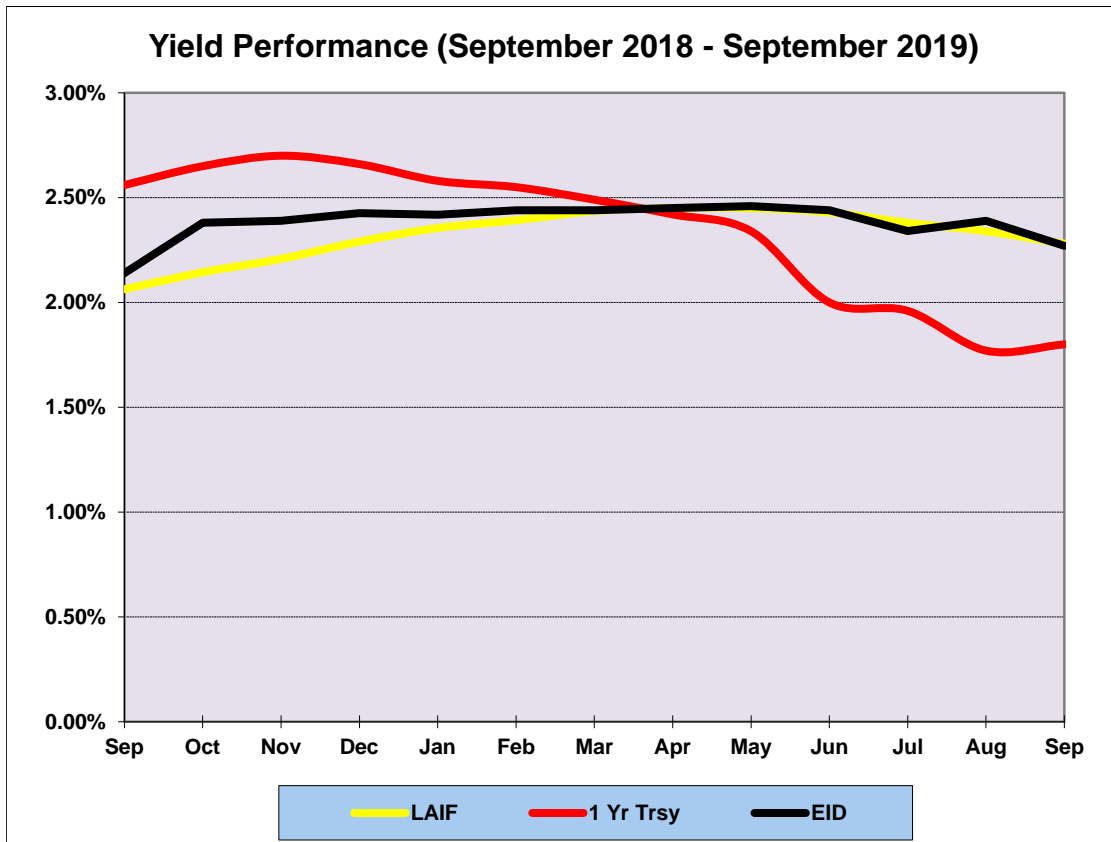
Maturity Schedule

The District’s General Portfolio’s weighted average days-to-maturity is 200 days. The weighted average days to maturity is the average number of days to maturity for the investments held in the portfolio but weighted by each investment’s percentage share of the total dollar amount of the investment holdings.



General Portfolio Yield Performance to Benchmarks

The graph below compares the District’s General Portfolio yield to LAIF and the one-year Treasury Note, which is the District’s benchmark, over the last 12-month period. The District’s General Portfolio current yield of 2.27% is currently exceeding the one-year Treasury Note by 0.47 basis points.



Bond Market and Interest Rates

The fixed-income market generated relatively strong returns in the third quarter driven mainly by the continued decrease in interest rates, which pushed bond prices higher across the board.

In the U.S. Treasury bond market, the overall yield curve declined, but the curve also flattened as interest rates in the longer end of the curve fell further than that of the shorter end— creating an inverted yield curve. In the short end of the curve, the 2-year declined from the prior quarter by only 12 basis points to 1.63%, whereas in the longer end, the 10-year declined 32 basis points to 1.68%, close to its multiyear lows.

Treasury Yields

Maturity	June 30	September 30
3-Month	2.12%	1.88%
6-Month	2.09	1.83
2-Year	1.75	1.63
5-Year	1.76	1.55
10-Year	2.00	1.68
30-Year	2.52	2.12

Source: Federal Reserve Board.

The Bloomberg Barclays U.S. Aggregate Bond Index, a proxy for the U.S. investment-grade market, gained 2.3% during the quarter. Investment-grade corporate debt gained 3.1% while U.S. Treasuries were up 2.4% as yields continued their precipitous drop. Overall, funds with longer duration profiles generally benefited from the Fed's dovish signals and out earned those positioned at the short end.

Bond yields are likely to stay low for some time – Though low by historical standards, U.S. interest rates are still higher than most developed countries. For that reason, foreign demand for U.S. Treasuries reached a record high this year, up 7% from a year ago, and has kept long-term rates low. While the trade war lasts, the yield on the 10-year Treasury note rates is likely to stay below 2% through the end of the year.

Board Options

Option 1: Receive and file the District’s Investment Report for the quarter ending September 30, 2019.

Option 2: Take other action as directed by the Board.

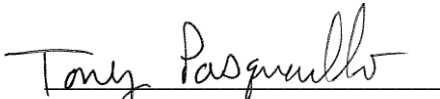
Option 3: Take no action.

Recommendation

Option 1

Attachments


Attachment A: SymPro Portfolio Management Reports



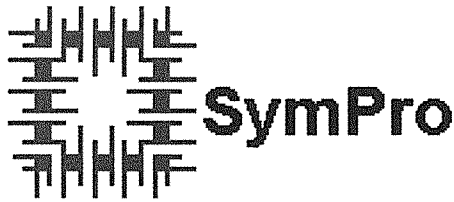
Tony Pasquarello
Finance Manager



Mark Price
Finance Director



Jim Abercrombie
General Manager



Attachment A

El Dorado Irrigation District
 2890 Mosquito Road
 Placerville, CA
 (530)642-4019

EID General Portfolio Portfolio Management Portfolio Summary September 30, 2019

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts - CAMP	21,257,794.96	21,257,794.96	21,257,794.96	25.82	1	1	2.190	2.220
Managed Pool Accounts - LAIF	43,372,043.91	43,372,043.91	43,372,043.91	52.69	1	1	2.249	2.280
Certificates of Deposit - Bank	4,735,281.08	4,802,284.76	4,735,281.08	5.75	1,101	595	2.350	2.383
Corporate Medium Term Notes	2,000,000.00	2,010,870.00	1,963,540.00	2.39	1,699	771	2.307	2.339
Federal Agency Coupon Securities	11,000,000.00	11,002,930.00	10,991,600.00	13.35	1,692	1,099	2.267	2.298
Investments	82,365,119.95	82,445,923.63	82,320,259.95	100.00%	331	200	2.243	2.274
Cash and Accrued Interest								
Passbook/Checking (not included in yield calculations)	3,440,452.07	3,440,452.07	3,440,452.07		1	1	0.000	0.000
Accrued Interest at Purchase		766.11	766.11					
Subtotal		3,441,218.18	3,441,218.18					
Total Cash and Investments	85,805,572.02	85,887,141.81	85,761,478.13		331	200	2.243	2.274

Total Earnings	September 30 Month Ending	Fiscal Year To Date
Current Year	157,642.87	1,437,515.17
Average Daily Balance	85,881,201.00	
Effective Rate of Return	2.23%	

Tony Pasquarello, Deputy Treasurer

Reporting period 09/01/2019-09/30/2019

Run Date: 10/30/2019 - 14:55

Portfolio GEN
 CP
 PM (PRF_PM1) 7.3.0
 Report Ver. 7.3.5

**EID General Portfolio
Portfolio Management
Portfolio Details - Investments
September 30, 2019**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts - CAMP												
SYS10017	1001	California Asset Mgmt Program			21,257,794.96	21,257,794.96	21,257,794.96	2.220		2.220	1	
Subtotal and Average			19,889,383.92		21,257,794.96	21,257,794.96	21,257,794.96			2.220	1	
Managed Pool Accounts - LAIF												
SYS1000	1000	Local Agency Investment Fund			43,372,043.91	43,372,043.91	43,372,043.91	2.280		2.280	1	
Subtotal and Average			43,372,043.91		43,372,043.91	43,372,043.91	43,372,043.91			2.280	1	
Certificates of Deposit - Bank												
88413QBR8	10516	Third Federal Savings & Loan		09/15/2017	250,000.00	251,625.28	250,000.00	2.000		2.000	715	09/15/2021
02007GFK4	10567	Ally Bank		10/11/2018	250,000.00	256,851.28	250,000.00	3.050		3.050	742	10/12/2021
02587DV21	10504	American Express Centurion Bnk		08/08/2017	250,000.00	249,742.45	250,000.00	1.900		1.900	314	08/10/2020
SYS10602	10602	Bank of America		09/05/2019	235,281.08	235,281.08	235,281.08	0.030	A	0.030	4	10/05/2019
06740KME4	10565	Barclays Bank Delaware		10/10/2018	250,000.00	257,158.83	250,000.00	3.050		3.050	742	10/12/2021
05581WXZ3	10542	BMO Harris Bank		05/31/2018	250,000.00	251,301.18	250,000.00	2.800		2.800	244	06/01/2020
05580AJZ8	10503	BMW Bank of North America		08/11/2017	250,000.00	249,741.73	250,000.00	1.900		1.900	315	08/11/2020
14042TAP2	10591	Capital One		05/22/2019	250,000.00	262,126.63	250,000.00	2.650		2.650	1,695	05/22/2024
14042RLP4	10592	Capital One		05/22/2019	250,000.00	262,896.63	250,000.00	2.650		2.650	1,695	05/22/2024
17312QU64	10566	Citibank		10/12/2018	250,000.00	257,411.45	250,000.00	3.100		3.100	742	10/12/2021
20033AVN3	10502	Comenity Capital Bank		08/09/2017	250,000.00	249,854.70	250,000.00	1.950		1.950	314	08/10/2020
254673AE6	10505	Discover Bank		08/09/2017	250,000.00	249,742.45	250,000.00	1.900		1.900	314	08/10/2020
49306SYW0	10518	Key Bank NA		09/27/2017	250,000.00	249,567.25	250,000.00	1.850		1.850	360	09/25/2020
61747MP39	10533	Morgan Stanley Bank		03/15/2018	250,000.00	252,890.43	250,000.00	2.700		2.700	531	03/15/2021
61760ALP2	10543	Morgan Stanley Bank		05/31/2018	250,000.00	251,198.30	250,000.00	2.750		2.750	244	06/01/2020
87165ERX7	10544	Synchrony Bank		05/25/2018	250,000.00	251,203.28	250,000.00	2.750		2.750	238	05/26/2020
87270LAT0	10519	TIAA Financial Services Bank		09/18/2017	250,000.00	254,692.03	250,000.00	2.200		2.200	1,079	09/14/2022
90348JDZ0	10571	UBS Bank USA		10/05/2018	250,000.00	257,649.38	250,000.00	3.100		3.100	735	10/05/2021
949763RD0	10555	Wells Fargo		06/06/2018	250,000.00	251,350.40	250,000.00	2.800		2.800	251	06/08/2020
Subtotal and Average			4,935,281.08		4,735,281.08	4,802,284.76	4,735,281.08			2.383	595	
Corporate Medium Term Notes												
037833CM0	10491	Apple, Inc.		03/20/2017	1,000,000.00	1,015,060.00	996,800.00	2.500	AA	2.570	862	02/09/2022
594918BP8	10489	Microsoft Corporation		03/14/2017	1,000,000.00	995,810.00	966,740.00	1.550	AAA	2.102	677	08/08/2021
Subtotal and Average			1,963,540.00		2,000,000.00	2,010,870.00	1,963,540.00			2.339	771	

**EID General Portfolio
Portfolio Management
Portfolio Details - Investments
September 30, 2019**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Federal Agency Coupon Securities												
3133EHPV9	10497	Federal Farm Credit Bank		06/29/2017	2,000,000.00	1,998,700.00	2,000,000.00	1.730	AAA	1.730	455	12/29/2020
3133EKJJ6	10581	Federal Farm Credit Bank		04/24/2019	1,000,000.00	1,004,050.00	1,000,000.00	2.700	AAA	2.700	1,301	04/24/2023
3130AACM8	10479	Federal Home Loan Bank		12/06/2016	4,000,000.00	4,000,040.00	4,000,000.00	2.050	AAA	2.050	797	12/06/2021
3130AFJK4	10574	Federal Home Loan Bank		12/18/2018	2,000,000.00	2,004,940.00	2,000,000.00	3.400	AAA	3.400	1,539	12/18/2023
3130AH2B8	10600	Federal Home Loan Bank		09/18/2019	2,000,000.00	1,995,200.00	1,991,600.00	1.970	AA	2.059	1,807	09/11/2024
Subtotal and Average			10,729,693.33		11,000,000.00	11,002,930.00	10,991,600.00			2.298	1,099	
Total and Average			85,881,201.00		82,365,119.95	82,445,923.63	82,320,259.95			2.274	200	

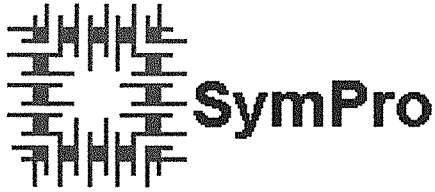
**EID General Portfolio
Portfolio Management
Portfolio Details - Cash
September 30, 2019**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity
Cash and Equivalents											
BOFA CASH	10412	Bank of America			3,271,238.58	3,271,238.58	3,271,238.58		A	0.000	1
EDS CASH	10428	El Dorado Savings Bank		01/01/2019	169,213.49	169,213.49	169,213.49			0.000	1
Average Balance			0.00	Accrued Interest at Purchase		<u>766.11</u>	<u>766.11</u>				1
				Subtotal		<u>3,441,218.18</u>	<u>3,441,218.18</u>				
Total Cash and Investments			85,881,201.00		85,805,572.02	85,887,141.81	85,761,478.13			2.274	200

**EID General Portfolio
Portfolio Management
Activity By Type**

September 1, 2019 through September 30, 2019

CUSIP	Investment #	Issuer	Beginning Balance	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Ending Balance
Managed Pool Accounts - CAMP (Monthly Summary)								
SYS10017	1001	California Asset Mgmt Program		2.220		7,036,287.28	3,000,000.00	
		Subtotal	17,221,507.68			7,036,287.28	3,000,000.00	21,257,794.96
Managed Pool Accounts - LAIF (Monthly Summary)								
		Subtotal	43,372,043.91					43,372,043.91
Cash and Equivalents (Monthly Summary)								
BOFA CASH	10412	Bank of America				0.00	1,353,001.28	
EDS CASH	10428	El Dorado Savings Bank				0.00	251,281.50	
		Subtotal	5,044,734.85			0.00	1,604,282.78	3,440,452.07
Certificates of Deposit - Bank								
SYS10598	10598	Bank of America		0.030	09/05/2019	0.00	235,281.08	
SYS10602	10602	Bank of America		0.030	09/05/2019	235,281.08	0.00	
58404DAJ0	10510	Medallion Bank		1.700	09/25/2019	0.00	250,000.00	
		Subtotal	4,985,281.08			235,281.08	485,281.08	4,735,281.08
Corporate Medium Term Notes								
		Subtotal	1,963,540.00					1,963,540.00
Federal Agency Coupon Securities								
3130AEX21	10561	Federal Home Loan Bank		3.000	09/27/2019	0.00	1,000,000.00	
3130AH2B8	10600	Federal Home Loan Bank		1.970	09/18/2019	1,991,600.00	0.00	
		Subtotal	10,000,000.00			1,991,600.00	1,000,000.00	10,991,600.00
		Total	82,587,107.52			9,263,168.36	6,089,563.86	85,760,712.02



**EID General Portfolio
Accrued Interest
Sorted by Security Type - Issuer
September 1, 2019 - September 30, 2019**

El Dorado Irrigation District
2890 Mosquito Road
Placerville, CA
(530)642-4019

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts - CAMP										
SYS10017	1001	LA3	21,257,794.96		2.220	0.00	0.00	36,291.31	36,287.28	4.03
		Subtotal	21,257,794.96			0.00	0.00	36,291.31	36,287.28	4.03
Managed Pool Accounts - LAIF										
SYS1000	1000	LA4	43,372,043.91		2.280	179,981.28	0.00	87,201.33	0.00	267,182.61
		Subtotal	43,372,043.91			179,981.28	0.00	87,201.33	0.00	267,182.61
Certificates of Deposit - Bank										
88413QBR8	10516	BCD	250,000.00	09/15/2021	2.000	2,328.77	0.00	410.96	2,520.55	219.18
02007GFK4	10567	BCD	250,000.00	10/12/2021	3.050	2,987.33	0.00	626.72	0.00	3,614.05
02587DV21	10504	BCD	250,000.00	08/10/2020	1.900	312.33	0.00	390.41	0.00	702.74
SYS10598	10598	BCD	0.00	09/05/2019	0.030	5.10	0.00	0.78	5.88	0.00
SYS10602	10602	BCD	235,281.08	10/05/2019	0.030	0.00	0.00	5.10	0.00	5.10
06740KME4	10565	BCD	250,000.00	10/12/2021	3.050	3,008.22	0.00	626.72	0.00	3,634.94
05581WXZ3	10542	BCD	250,000.00	06/01/2020	2.800	1,783.56	0.00	575.34	0.00	2,358.90
05580AJZ8	10503	BCD	250,000.00	08/11/2020	1.900	273.29	0.00	390.41	0.00	663.70
14042TAP2	10591	BCD	250,000.00	05/22/2024	2.650	1,851.37	0.00	544.52	0.00	2,395.89
14042RLP4	10592	BCD	250,000.00	05/22/2024	2.650	1,851.37	0.00	544.52	0.00	2,395.89
17312QU64	10566	BCD	250,000.00	10/12/2021	3.100	3,015.07	0.00	636.99	0.00	3,652.06
20033AVN3	10502	BCD	250,000.00	08/10/2020	1.950	307.25	0.00	400.69	414.04	293.90
254673AE6	10505	BCD	250,000.00	08/10/2020	1.900	299.32	0.00	390.41	0.00	689.73
49306SYW0	10518	BCD	250,000.00	09/25/2020	1.850	2,002.06	0.00	380.13	2,331.51	50.68
58404DAJ0	10510	BCD	0.00	09/25/2019	1.700	1,863.02	0.00	279.45	2,142.47	0.00
61747MP39	10533	BCD	250,000.00	03/15/2021	2.700	3,143.84	0.00	554.79	3,402.74	295.89
61760ALP2	10543	BCD	250,000.00	06/01/2020	2.750	1,751.71	0.00	565.07	0.00	2,316.78
87165ERX7	10544	BCD	250,000.00	05/26/2020	2.750	1,864.73	0.00	565.06	0.00	2,429.79
87270LAT0	10519	BCD	250,000.00	09/14/2022	2.200	2,516.44	0.00	452.05	2,772.60	195.89
90348JDZ0	10571	BCD	250,000.00	10/05/2021	3.100	573.27	0.00	636.99	658.22	552.04
949763RD0	10555	BCD	250,000.00	06/08/2020	2.800	498.64	0.00	575.35	594.52	479.47
		Subtotal	4,735,281.08			32,236.69	0.00	9,552.46	14,842.53	26,946.62
Corporate Medium Term Notes										
037833CM0	10491	MTN	1,000,000.00	02/09/2022	2.500	1,527.78	0.00	2,083.33	0.00	3,611.11
594918BP8	10489	MTN	1,000,000.00	08/08/2021	1.550	990.28	0.00	1,291.66	0.00	2,281.94

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest. Ending Accrued includes outstanding purchase

Portfolio GEN
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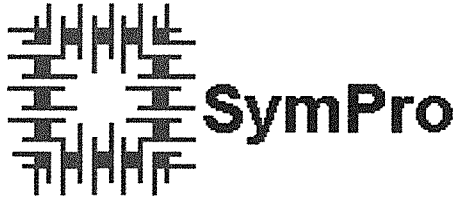
EID General Portfolio
Accrued Interest
Sorted by Security Type - Issuer

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
		Subtotal	2,000,000.00			2,518.06	0.00	3,374.99	0.00	5,893.05
Federal Agency Coupon Securities										
3133EHPV9	10497	FAC	2,000,000.00	12/29/2020	1.730	5,958.89	0.00	2,883.33	0.00	8,842.22
3133EKJJ6	10581	FAC	1,000,000.00	04/24/2023	2.700	9,525.00	0.00	2,250.00	0.00	11,775.00
3130AACM8	10479	FAC	4,000,000.00	12/06/2021	2.050	19,361.11	0.00	6,833.33	0.00	26,194.44
3130AEX21	10561	FAC	0.00	09/27/2021	3.000	12,833.33	0.00	2,166.67	15,000.00	0.00
3130AFJK4	10574	FAC	2,000,000.00	12/18/2023	3.400	13,788.89	0.00	5,666.67	0.00	19,455.56
3130AH2B8	10600	FAC	2,000,000.00	09/11/2024	1.970	0.00	766.11	1,422.78	0.00	2,188.89
		Subtotal	11,000,000.00			61,467.22	766.11	21,222.78	15,000.00	68,456.11
		Total	82,365,119.95			276,203.25	766.11	157,642.87	66,129.81	368,482.42

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest. Ending Accrued includes outstanding purchase

**EID General Portfolio
Portfolio Management
Interest Earnings Summary
September 30, 2019**

	September 30 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	29,842.53	346,479.69
Plus Accrued Interest at End of Period	100,529.67	100,529.63
Less Accrued Interest at Beginning of Period	(96,221.97)	(101,311.50)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	34,150.23	345,697.82
Interest Earned during Period	34,150.23	345,697.82
Adjusted by Capital Gains or Losses	0.00	4,540.00
	34,150.23	350,237.82
Earnings during Periods	34,150.23	350,237.82
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	0.00	0.00
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	36,287.28	1,116,426.94
Plus Accrued Interest at End of Period	267,186.64	267,186.64
Less Accrued Interest at Beginning of Period	(179,981.28)	(296,336.23)
	123,492.64	1,087,277.35
Interest Earned during Period	123,492.64	1,087,277.35
Total Interest Earned during Period	157,642.87	1,432,975.17
Total Capital Gains or Losses	0.00	4,540.00
Total Earnings during Period	157,642.87	1,437,515.17



State Revolving Fund (SRF)
Portfolio Management
Portfolio Summary
September 30, 2019

El Dorado Irrigation District
 2890 Mosquito Road
 Placerville, CA
 (530)642-4019

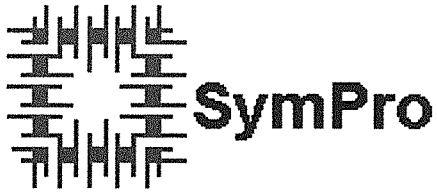
Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Money Market	2,915,254.02	2,915,254.02	2,915,254.02	100.00	1	1	1.894	1.920
Investments	2,915,254.02	2,915,254.02	2,915,254.02	100.00%	1	1	1.894	1.920

Total Earnings	September 30 Month Ending	Fiscal Year To Date
Current Year	4,614.37	47,418.37
Average Daily Balance	2,914,944.02	
Effective Rate of Return	1.93%	

 Tony Pasquarello, Deputy Treasurer

**State Revolving Fund (SRF)
Portfolio Management
Portfolio Details - Investments
September 30, 2019**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Money Market												
31617510S	10000	Fidelity Money Market			35,273.88	35,273.88	35,273.88	1.920		1.920	1	
31617510S	10001	Fidelity Money Market			88,716.90	88,716.90	88,716.90	1.920		1.920	1	
31617510S	10002	Fidelity Money Market			34,289.71	34,289.71	34,289.71	1.920		1.920	1	
31617510S	10003	Fidelity Money Market			72,559.30	72,559.30	72,559.30	1.920		1.920	1	
31617510S	10004	Fidelity Money Market			34,887.45	34,887.45	34,887.45	1.920		1.920	1	
31617510S	10005	Fidelity Money Market			83,605.98	83,605.98	83,605.98	1.920		1.920	1	
31617510S	10006	Fidelity Money Market			44,042.46	44,042.46	44,042.46	1.920		1.920	1	
31617510S	10007	Fidelity Money Market			110,281.00	110,281.00	110,281.00	1.920		1.920	1	
31617510S	10008	Fidelity Money Market			139,185.84	139,185.84	139,185.84	1.920		1.920	1	
31617510S	10009	Fidelity Money Market			247,759.61	247,759.61	247,759.61	1.920		1.920	1	
31617510S	10010	Fidelity Money Market			57,789.45	57,789.45	57,789.45	1.920		1.920	1	
31617510S	10011	Fidelity Money Market			143,210.67	143,210.67	143,210.67	1.920		1.920	1	
31617510S	10012	Fidelity Money Market			33,607.61	33,607.61	33,607.61	1.920		1.920	1	
31617510S	10013	Fidelity Money Market			130,853.66	130,853.66	130,853.66	1.920		1.920	1	
31617510S	10014	Fidelity Money Market			53,496.23	53,496.23	53,496.23	1.920		1.920	1	
31617510S	10015	Fidelity Money Market			181,132.78	181,132.78	181,132.78	1.920		1.920	1	
31617510S	10016	Fidelity Money Market			313,457.78	313,457.78	313,457.78	1.920		1.920	1	
31617510S	10017	Fidelity Money Market			456,268.07	456,268.07	456,268.07	1.920		1.920	1	
31617510S	10018	Fidelity Money Market			242,680.68	242,680.68	242,680.68	1.920		1.920	1	
31617510S	10019	Fidelity Money Market			412,154.96	412,154.96	412,154.96	1.920		1.920	1	
		Subtotal and Average	2,914,944.02		2,915,254.02	2,915,254.02	2,915,254.02			1.920	1	
		Total and Average	2,914,944.02		2,915,254.02	2,915,254.02	2,915,254.02			1.920	1	



State Revolving Fund (SRF)
Accrued Interest
Sorted by Security Type - Issuer
September 1, 2019 - September 30, 2019

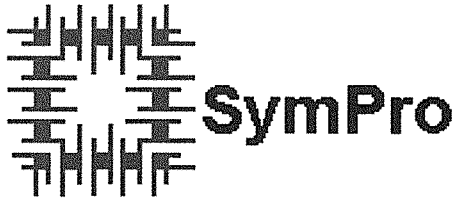
El Dorado Irrigation District
 2890 Mosquito Road
 Placerville, CA
 (530)642-4019

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Money Market										
31617510S	10000	LA1	35,273.88		1.920	48.70	0.00	55.83	48.70	55.83
31617510S	10001	LA1	88,716.90		1.920	152.02	0.00	140.42	152.02	140.42
31617510S	10002	LA1	34,289.71		1.920	49.52	0.00	54.28	49.52	54.28
31617510S	10003	LA1	72,559.30		1.920	124.41	0.00	114.85	124.41	114.85
31617510S	10004	LA1	34,887.45		1.920	48.85	0.00	55.22	48.85	55.22
31617510S	10005	LA1	83,605.98		1.920	143.30	0.00	132.33	143.30	132.33
31617510S	10006	LA1	44,042.46		1.920	60.51	0.00	69.71	60.51	69.71
31617510S	10007	LA1	110,281.00		1.920	188.96	0.00	174.56	188.96	174.56
31617510S	10008	LA1	139,185.84		1.920	188.35	0.00	220.31	188.35	220.31
31617510S	10009	LA1	247,759.61		1.920	422.88	0.00	392.16	422.88	392.16
31617510S	10010	LA1	57,789.45		1.920	73.19	0.00	91.47	73.19	91.47
31617510S	10011	LA1	143,210.67		1.920	244.75	0.00	226.68	244.75	226.68
31617510S	10012	LA1	33,607.61		1.920	43.11	0.00	53.20	43.11	53.20
31617510S	10013	LA1	130,853.66		1.920	224.59	0.00	207.12	224.59	207.12
31617510S	10014	LA1	53,496.23		1.920	62.32	0.00	84.68	62.32	84.68
31617510S	10015	LA1	181,132.78		1.920	309.97	0.00	286.70	309.97	286.70
31617510S	10016	LA1	313,457.78		1.920	453.06	0.00	496.16	453.06	496.16
31617510S	10017	LA1	456,268.07		1.920	779.49	0.00	722.19	779.49	722.19
31617510S	10018	LA1	242,680.68		1.920	328.89	0.00	384.13	328.89	384.13
31617510S	10019	LA1	412,154.96		1.920	703.07	0.00	652.37	703.07	652.37
		Subtotal	2,915,254.02			4,649.94	0.00	4,614.37	4,649.94	4,614.37
		Total	2,915,254.02			4,649.94	0.00	4,614.37	4,649.94	4,614.37

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest. Ending Accrued includes outstanding purchase

**State Revolving Fund (SRF)
Portfolio Management
Interest Earnings Summary
September 30, 2019**

	September 30 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	0.00	0.00
Interest Earned during Period	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	0.00	0.00
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	4,649.94	47,989.80
Plus Accrued Interest at End of Period	4,614.37	4,614.37
Less Accrued Interest at Beginning of Period	(4,649.94)	(5,185.80)
	4,614.37	47,418.37
Interest Earned during Period	4,614.37	47,418.37
Total Interest Earned during Period	4,614.37	47,418.37
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	4,614.37	47,418.37



2009A Fixed Issue
Portfolio Management
Portfolio Summary
September 30, 2019

El Dorado Irrigation District
 2890 Mosquito Road
 Placerville, CA
 (530)642-4019

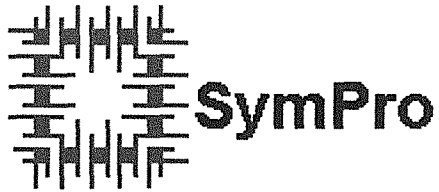
Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	1,182.79	1,182.79	1,182.79	100.00	1	1	1.894	1.920
Investments	1,182.79	1,182.79	1,182.79	100.00%	1	1	1.894	1.920

Total Earnings	September 30 Month Ending	Fiscal Year To Date
Current Year	1.87	1,420.92
Average Daily Balance	1,182.65	
Effective Rate of Return	1.92%	

 Tony Pasquarello, Accounting Manager/Deputy Treasurer

**2009A Fixed Issue
Portfolio Management
Portfolio Details - Investments
September 30, 2019**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
316175108S	10002	Fidelity Investments			1,182.79	1,182.79	1,182.79	1.920		1.920	1	
		Subtotal and Average	1,182.65		1,182.79	1,182.79	1,182.79			1.920	1	
		Total and Average	1,182.65		1,182.79	1,182.79	1,182.79			1.920	1	



2009A Fixed Issue
Accrued Interest
Sorted by Security Type - Issuer
September 1, 2019 - September 30, 2019

El Dorado Irrigation District
 2890 Mosquito Road
 Placerville, CA
 (530)642-4019

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
316175108S	10002	LA1	1,182.79		1.920	1,189.81	0.00	1.87	2.10	1,189.58
		Subtotal	1,182.79			1,189.81	0.00	1.87	2.10	1,189.58
		Total	1,182.79			1,189.81	0.00	1.87	2.10	1,189.58

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest. Ending Accrued includes outstanding purchase

**2009A Fixed Issue
Portfolio Management
Interest Earnings Summary
September 30, 2019**

September 30 Month Ending

Fiscal Year To Date

CD/Coupon/Discount Investments:

Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	0.00	0.00
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	0.00	0.00
Earnings during Periods	0.00	0.00

Pass Through Securities:

Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	0.00	0.00
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	0.00	0.00
Earnings during Periods	0.00	0.00

Cash/Checking Accounts:

Interest Collected	2.10	232.86
Plus Accrued Interest at End of Period	1,189.58	1,189.58
Less Accrued Interest at Beginning of Period	(1,189.81)	(1.52)
	1.87	1,420.92
Interest Earned during Period	1.87	1,420.92

Total Interest Earned during Period	1.87	1,420.92
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00

Total Earnings during Period	1.87	1,420.92
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**2010A Fixed Issue
Portfolio Management
Portfolio Summary
September 30, 2019**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	2,659.76	2,659.76	2,659.76	100.00	1	1	1.982	2.010
Investments	2,659.76	2,659.76	2,659.76	100.00%	1	1	1.982	2.010

Total Earnings	September 30 Month Ending	Fiscal Year To Date
Current Year	4.39	11,684.85
Average Daily Balance	2,659.76	
Effective Rate of Return	2.01%	

Tony Pasquarello, Accounting Manager/Deputy Treasurer

**2010A Fixed Issue
Portfolio Management
Portfolio Details - Investments
September 30, 2019**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
316175108S	10001	Fidelity Investments			0.00	0.00	0.00	2.270		2.270	1	
316175108S	10002	Fidelity Investments			2,659.76	2,659.76	2,659.76	2.010		2.010	1	
		Subtotal and Average	2,659.76		2,659.76	2,659.76	2,659.76			2.010	1	
		Total and Average	2,659.76		2,659.76	2,659.76	2,659.76			2.010	1	

**2010A Fixed Issue
Accrued Interest
Sorted by Security Type - Issuer
September 1, 2019 - September 30, 2019**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
316175108S	10001	LA1	0.00		2.270	10.33	0.00	0.00	0.00	10.33
316175108S	10002	LA1	2,659.76		2.010	4.54	0.00	4.39	0.00	8.93
		Subtotal	2,659.76			14.87	0.00	4.39	0.00	19.26
		Total	2,659.76			14.87	0.00	4.39	0.00	19.26

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest. Ending Accrued includes outstanding purchase

**2010A Fixed Issue
Portfolio Management
Interest Earnings Summary
September 30, 2019**

	September 30 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	0.00	0.00
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	0.00	0.00
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	0.00	14,531.06
Plus Accrued Interest at End of Period	19.26	19.26
Less Accrued Interest at Beginning of Period	(14.87)	(2,865.47)
	4.39	11,684.85
Interest Earned during Period	4.39	11,684.85
Total Interest Earned during Period	4.39	11,684.85
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	4.39	11,684.85

**2012AB Fixed Issue
Portfolio Management
Portfolio Summary
September 30, 2019**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	262.59	262.59	262.59	100.00	1	1	1.894	1.920
Investments	262.59	262.59	262.59	100.00%	1	1	1.894	1.920

Total Earnings	September 30 Month Ending	Fiscal Year To Date
Current Year	83.20	2,368.82
Average Daily Balance	52,721.33	
Effective Rate of Return	1.92%	

Tony Pasquarello, Deputy Treasurer

Reporting period 09/01/2019-09/30/2019

Run Date: 10/30/2019 - 15:01

Portfolio FIX2
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PM (PRF_PM1) 7.3.0
Report Ver. 7.3.5

**2012AB Fixed Issue
Portfolio Management
Portfolio Details - Investments
September 30, 2019**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 360	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
316175108S	10001	Fidelity Investments			175.91	175.91	175.91	1.920	1.894	1.920	1	
316175108S	10019	Fidelity Investments		08/30/2019	86.68	86.68	86.68	1.920	1.894	1.920	1	
		Subtotal and Average	52,721.33		262.59	262.59	262.59		1.894	1.920	1	
		Total and Average	52,721.33		262.59	262.59	262.59		1.894	1.920	1	

**2012AB Fixed Issue
Accrued Interest
Sorted by Security Type - Issuer
September 1, 2019 - September 30, 2019**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
316175108S	10001	LA1	175.91		1.920	175.81	0.00	0.26	175.91	0.16
316175108S	10019	LA1	86.68		1.920	86.69	0.00	82.94	0.00	169.63
		Subtotal	262.59			262.50	0.00	83.20	175.91	169.79
		Total	262.59			262.50	0.00	83.20	175.91	169.79

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest. Ending Accrued includes outstanding purchase

**2012AB Fixed Issue
Portfolio Management
Interest Earnings Summary
September 30, 2019**

	September 30 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	175.91	2,199.86
Plus Accrued Interest at End of Period	169.79	169.79
Less Accrued Interest at Beginning of Period	(262.50)	(0.83)
Interest Earned during Period	83.20	2,368.82
Total Interest Earned during Period	83.20	2,368.82
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	83.20	2,368.82

**2014A Fixed Issue
Portfolio Management
Portfolio Summary
September 30, 2019**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	858.89	858.89	858.89	100.00	1	1	1.884	1.910
Investments	858.89	858.89	858.89	100.00%	1	1	1.884	1.910

Total Earnings	September 30 Month Ending	Fiscal Year To Date
Current Year	272.74	3,103.65
Average Daily Balance	173,737.05	
Effective Rate of Return	1.91%	

Tony Pasquarello,

**2014A Fixed Issue
Portfolio Management
Portfolio Details - Investments
September 30, 2019**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
31617510S	10000	Fidelity Money Market			573.24	573.24	573.24	1.910		1.910	1	
31617510S	10010	Fidelity Money Market		08/30/2019	285.65	285.65	285.65	1.910		1.910	1	
		Subtotal and Average	173,737.05		858.89	858.89	858.89			1.910	1	
		Total and Average	173,737.05		858.89	858.89	858.89			1.910	1	

**2014A Fixed Issue
Portfolio Management
Activity By Type
September 1, 2019 through September 30, 2019**

CUSIP	Investment #	Issuer	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Balance
Managed Pool Accounts (Monthly Summary)							
31617510S	10000	Fidelity Money Market	1.910		573.24	0.00	
31617510S	10010	Fidelity Money Market	1.910		285.65	2,594,031.25	
		Subtotal			858.89	2,594,031.25	858.89
		Total			858.89	2,594,031.25	858.89

**2014A Fixed Issue
Accrued Interest
Sorted by Security Type - Issuer
September 1, 2019 - September 30, 2019**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
31617510S	10000	LA1	573.24		1.910	573.06	0.00	0.84	573.24	0.66
31617510S	10010	LA1	285.65		1.910	285.65	0.00	271.90	285.65	271.90
		Subtotal	858.89			858.71	0.00	272.74	858.89	272.56
		Total	858.89			858.71	0.00	272.74	858.89	272.56

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest. Ending Accrued includes outstanding purchase

**2014A Fixed Issue
Portfolio Management
Interest Earnings Summary
September 30, 2019**

	September 30 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	858.89	2,833.71
Plus Accrued Interest at End of Period	272.56	272.56
Less Accrued Interest at Beginning of Period	(858.71)	(2.62)
Interest Earned during Period	272.74	3,103.65
Total Interest Earned during Period	272.74	3,103.65
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	272.74	3,103.65

**2016A Fixed Issue
Portfolio Management
Portfolio Summary
September 30, 2019**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	174.81	174.81	174.81	100.00	1	1	1.795	1.820
Investments	174.81	174.81	174.81	100.00%	1	1	1.795	1.820

Total Earnings	September 30 Month Ending	Fiscal Year To Date
Current Year	40.41	594.54
Average Daily Balance	27,009.82	
Effective Rate of Return	1.82%	

Tony Pasquarello,

**2016A Fixed Issue
Portfolio Management
Portfolio Details - Investments
September 30, 2019**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
09248U80S	10000	Blackrock		01/01/2019	0.00	0.00	0.00	0.660		0.660	1	
09248U80S	10001	Blackrock			174.81	174.81	174.81	1.820		1.820	1	
09248U80S	10003	Blackrock		01/01/2019	0.00	0.00	0.00	1.820		1.820	1	
	Subtotal and Average		27,009.82		174.81	174.81	174.81			1.820	1	
	Total and Average		27,009.82		174.81	174.81	174.81			1.820	1	

**2016A Fixed Issue
Accrued Interest
Sorted by Security Type - Issuer
September 1, 2019 - September 30, 2019**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
09248U80S	10001	LA1	174.81		1.820	39.28	0.00	40.40	39.33	40.35
09248U80S	10003	LA1	0.00		1.820	135.48	0.00	0.01	135.48	0.01
		Subtotal	174.81			174.76	0.00	40.41	174.81	40.36
		Total	174.81			174.76	0.00	40.41	174.81	40.36

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest. Ending Accrued includes outstanding purchase

**2016A Fixed Issue
Portfolio Management
Interest Earnings Summary
September 30, 2019**

	September 30 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Pass Through Securities:		
Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	0.00	0.00
Cash/Checking Accounts:		
Interest Collected	174.81	554.44
Plus Accrued Interest at End of Period	40.36	40.36
Less Accrued Interest at Beginning of Period	(174.76)	(0.26)
Interest Earned during Period	40.41	594.54
Total Interest Earned during Period	40.41	594.54
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	40.41	594.54

**2016B Fixed Issue
Portfolio Management
Portfolio Summary
September 30, 2019**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	11,808,197.04	11,808,197.04	11,808,197.04	100.00	1	1	2.249	2.280
Investments	11,808,197.04	11,808,197.04	11,808,197.04	100.00%	1	1	2.249	2.280

Total Earnings	September 30 Month Ending	Fiscal Year To Date
Current Year	24,054.97	372,662.33
Average Daily Balance	11,980,900.10	
Effective Rate of Return	2.44%	

Tony Pasquarello,

**2016B Fixed Issue
Portfolio Management
Portfolio Details - Investments
September 30, 2019**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
09248U809	10004	BlackRock Liquidity Fed Fund		01/01/2019	0.00	0.00	0.00	0.670		0.670	1	
09248U809	10005	BlackRock Liquidity Fed Fund			279.15	279.15	279.15	1.820		1.820	1	
09248U809	10006	BlackRock Liquidity Fed Fund		01/01/2019	0.00	0.00	0.00	1.820		1.820	1	
SYS10000	10000	Local Agency Investment Fund			11,807,917.89	11,807,917.89	11,807,917.89	2.280		2.280	1	
		Subtotal and Average	11,980,900.10		11,808,197.04	11,808,197.04	11,808,197.04			2.280	1	
		Total and Average	11,980,900.10		11,808,197.04	11,808,197.04	11,808,197.04			2.280	1	

**2016B Fixed Issue
Portfolio Management
Activity By Type
September 1, 2019 through September 30, 2019**

CUSIP	Investment #	Issuer	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Balance
Managed Pool Accounts (Monthly Summary)							
09248U809	10005	BlackRock Liquidity Fed Fund	1.820		279.15	0.00	
09248U809	10006	BlackRock Liquidity Fed Fund	1.820		93.24	961,918.24	
SYS10000	10000	Local Agency Investment Fund	2.280		0.00	1,086,000.00	
		Subtotal			372.39	2,047,918.24	11,808,197.04
		Total			372.39	2,047,918.24	11,808,197.04

**2016B Fixed Issue
Accrued Interest
Sorted by Security Type - Issuer
September 1, 2019 - September 30, 2019**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
09248U809	10005	LA1	279.15		1.820	185.78	0.00	0.39	185.91	0.26
09248U809	10006	LA1	0.00		1.820	93.24	0.00	95.92	93.24	95.92
SYS10000	10000	LA1	11,807,917.89		2.280	53,419.62	0.00	23,958.66	0.00	77,378.28
		Subtotal	11,808,197.04			53,698.64	0.00	24,054.97	279.15	77,474.46
		Total	11,808,197.04			53,698.64	0.00	24,054.97	279.15	77,474.46

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest. Ending Accrued includes outstanding purchase

**2016B Fixed Issue
Portfolio Management
Interest Earnings Summary
September 30, 2019**

September 30 Month Ending

Fiscal Year To Date

CD/Coupon/Discount Investments:

Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	<hr/>	<hr/>
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	<hr/>	<hr/>
Earnings during Periods	0.00	0.00

Pass Through Securities:

Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	<hr/>	<hr/>
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	<hr/>	<hr/>
Earnings during Periods	0.00	0.00

Cash/Checking Accounts:

Interest Collected	279.15	468,564.19
Plus Accrued Interest at End of Period	77,474.46	77,474.46
Less Accrued Interest at Beginning of Period	(53,698.64)	(173,376.32)
	<hr/>	<hr/>
Interest Earned during Period	24,054.97	372,662.33

Total Interest Earned during Period	24,054.97	372,662.33
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00

Total Earnings during Period	24,054.97	372,662.33
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**2016C Fixed Issue
Portfolio Management
Portfolio Summary
September 30, 2019**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	869.79	869.79	869.79	100.00	1	1	1.795	1.820
Investments	869.79	869.79	869.79	100.00%	1	1	1.795	1.820

Total Earnings	September 30 Month Ending	Fiscal Year To Date
Current Year	201.03	1,988.25
Average Daily Balance	134,390.14	
Effective Rate of Return	1.82%	

Tony Pasquarello,

**2016C Fixed Issue
Portfolio Management
Portfolio Details - Investments
September 30, 2019**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
09248U809	10000	BlackRock Money Market Fund		01/01/2019	0.00	0.00	0.00	0.670	AAA	0.670	1	
09248U809	10001	BlackRock Money Market Fund			869.79	869.79	869.79	1.820	AAA	1.820	1	
09248U809	10012	BlackRock Money Market Fund		01/01/2019	0.00	0.00	0.00	1.770	AAA	1.770	1	
		Subtotal and Average	134,390.14		869.79	869.79	869.79			1.820	1	
		Total and Average	134,390.14		869.79	869.79	869.79			1.820	1	

**2016C Fixed Issue
Accrued Interest
Sorted by Security Type - Issuer
September 1, 2019 - September 30, 2019**

CUSIP	Investment #	Security Type	Par Value	Maturity Date	Current Rate	* Beginning Accrued Interest	Adjusted Acc'd Int. at Purchase During Period	Interest Earned	Interest Received	* Ending Accrued Interest
Managed Pool Accounts										
09248U809	10001	LA1	869.79		1.820	195.38	0.00	201.00	195.59	200.79
09248U809	10012	LA1	0.00		1.770	674.20	0.00	0.03	674.20	0.03
		Subtotal	869.79			869.58	0.00	201.03	869.79	200.82
		Total	869.79			869.58	0.00	201.03	869.79	200.82

* Beginning Accrued may not include investments that redeemed in the previous month that had outstanding accrued interest. Ending Accrued includes outstanding purchase

**2016C Fixed Issue
Portfolio Management
Interest Earnings Summary
September 30, 2019**

September 30 Month Ending

Fiscal Year To Date

CD/Coupon/Discount Investments:

Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	0.00	0.00
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	0.00	0.00
Earnings during Periods	0.00	0.00

Pass Through Securities:

Interest Collected	0.00	0.00
Plus Accrued Interest at End of Period	0.00	0.00
Less Accrued Interest at Beginning of Period	(0.00)	(0.00)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	0.00	0.00
Interest Earned during Period	0.00	0.00
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
	0.00	0.00
Earnings during Periods	0.00	0.00

Cash/Checking Accounts:

Interest Collected	869.79	1,788.78
Plus Accrued Interest at End of Period	200.82	200.82
Less Accrued Interest at Beginning of Period	(869.58)	(1.35)
	201.03	1,988.25
Interest Earned during Period	201.03	1,988.25

Total Interest Earned during Period	201.03	1,988.25
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00

Total Earnings during Period	201.03	1,988.25
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EL DORADO IRRIGATION DISTRICT

Subject: 2019 – 2020 Mid-Cycle Operating Budget and 2020 – 2024 Financial Plan Workshop.

Previous Board Actions

March 20, 2000 – Board adopted a multi-year operating budget process.

December 10, 2018 – Board adopted the 2019 – 2020 operating budget in the amount of \$51.190 million for 2019 and \$53.238 million for 2020 and the 2019 – 2023 Financial Plan using 3% annual rate increases for each of the water and recycled water utilities, with a 2% annual rate increase for the wastewater utility.

Board Policies (BP), Administrative Regulations (AR), and Board Authority

BP 3010 Budget

AR 3011 Budget Development

AR 3012 Budget Management and Five-Year Financial Plan

Summary of Issue

In accordance with Board Policy 3010, the Board adopts a two-year budget and conducts a mid-cycle review to determine any updates that may be needed prior to the second year of the cycle.

The Board also adopts annually a five-year Financial Plan and a five-year Capital Improvement Plan.

Background/Discussion

In anticipation of each two-year budget cycle and mid-cycle review, staff prepares projected operating revenues and expenditures for Board consideration. At the beginning of the budget review, Finance staff provides department heads, managers and supervisors with actual operating costs for the past two years, through the most recent month of the current year, and projections through the current year's end. Based on past and current expenditures, operational commitments for the coming year, workload indicators, and budget goals, staff develops proposed budgets for the upcoming year.

In conjunction with updating the budgeted expenses for the revised 2020 budget, District staff previously updated the District's five-year financial plan using the results of the draft Cost of Service Analysis (COSA). The financial plan reflects the revenue requirements needed to meet the District's annual operating and maintenance costs, maintain a sufficient capital improvement program, and meet debt service requirements.

The updated financial plan reflects revised utility revenue projections based upon comments received from the Board when it was initially presented on October 15, 2019. The revisions have not been adopted by the Board but are used to reflect guidance given to staff. The financial plan reflects the requirements needed to adequately manage the debt service previously incurred as well as the anticipated future debt service that will be needed to fund major infrastructure replacements reflected within the 5-year capital improvement plan (CIP). The financial plan includes two water bond sales, \$75 million each, one in 2020 and another in 2024 which will be used to construct long-lived water assets included within the 5-year CIP.

Revised 2020 Budget

As the District approaches the mid-point in this two-year cycle, the economy within the District's service area continues to be strong. Projected Facility Capacity Charge (FCC) revenues for 2019 will be about \$12.0 million—approximately \$3.0 million lower than originally budgeted—while 2020 FCC revenues are currently projected to grow to about \$19 million. Total projected 2019 revenues are expected to be about \$1.6 million lower than originally budgeted, due to the extended wet spring period, while year-end expenditures are trending near the original budget of \$51.2 million.

Revenue projections for 2020 have been revised from the original 2019 – 2020 two-year budget adopted in December 2018. The original 2020 Budget forecasted revenues at \$95.9 million. This revision projects revenues of \$103.9 million, primarily as a result of increased FCC revenues mentioned above and elucidated below. The original budget for 2020 included previously authorized 3% rate increases for the water, wastewater and recycled water utilities but this revised 2020 budget eliminates the projected rate increase for the wastewater utility. For the three utilities there is a projected combined decrease in revenues of \$800,000 from the original 2020 adopted budget.

The significant revenue change is related to the previously mentioned increase in projected 2020 FCC revenues of \$19 million versus \$10.0 million. FCC revenues for 2019 and 2020 were forecasted at \$15.0 and \$10.0 million per year, respectively, reflecting staff's tempered optimism concerning the extent of the building recovery. As recent history has proved, FCC revenues are volatile and speculative, and conservative revenue assumptions are prudent strategies. After recent discussions with some of the building community, staff has revised the 2019 FCC revenue forecast downward from \$15.0 million to \$12.0 million for the 2019 budget year. Conversely, based upon those same conversations staff has increased the FCC projected revenues for 2020 from the original budget of \$10.0 million to nearly \$19 million.

The 2019 – 2020 operating expense budgets and the 2019 – 2023 financial plan were adopted in December 2018, which projected a 4% growth in operating expenses for 2020 from 2019. The revised 2020 operating budget shown later reflects a 6.7% increase in expenses from the 2019 adopted budget with budget drivers discussed later. Those drivers do include 7 proposed new positions spread across multiple departments to maintain service levels with a continued growing customer base and aging utility infrastructure. Funding the 7 new positions would represent 1.3% of the 6.7% increase.

Analysis of Revenue Projections for Fiscal Years 2019 and 2020

Table 1 compares the adopted 2019 budget and 2019 year-end revenue projections with the originally adopted 2020 budget and 2020 revised budget proposal. As illustrated in the table, the revised 2020 revenue budget is forecasted to be \$8.0 million higher than when originally adopted related to FCCs projecting \$9 million higher and utility rate revenue about \$800,000 lower.

As included above, water revenues will be about \$700,000 lower for 2019 than budgeted related to the wet spring experienced this year delaying irrigation demand. Wastewater and recycled water revenues are projected to be in line with the budget. Hydroelectric power production was above normal due to the generous snow during the winter and a longer snow melt resulting in about \$2 million more in revenues for 2019. Combining utility and hydroelectric revenues with the reduction of the 2019 FCCs by \$3.0 million, total revenue is projected to be down by \$1.5 million from the original budget.

For 2020, the revised budgeted revenues remain very similar to those adopted in the bi-annual process in 2018 with the significant change related to projected 2020 FCC revenues of \$19 million versus \$10.0 million and utility revenue projected lower by \$800,000.

Table 1: Revenue Projections for 2019 and 2020 (in millions)

	2019 Adopted Budget	2019 Revised Projections	2020 Adopted Budget	2020 Proposed Budget
Water Sales and Services (1)	\$ 31.930	\$ 31.200	\$ 32.888	\$33.020
Wastewater Sales and Services (1)(2)	21.760	21.875	22.834	21.945
Recycled Water Sales (1)	2.180	2.250	2.264	2.264
Hydropower Sales	8.000	10.000	8.000	8.000
Investment Income	0.750	0.750	0.750	0.750
FCCs	15.000	11.979	10.000	18.778
Debt Surcharges	2.416	2.416	2.424	2.430
Property Tax	12.207	12.207	12.452	12.452
Other Income	2.761	2.761	2.771	2.773
Recreation	1.440	1.440	1.468	1.468
Total Revenues	\$ 98.444	\$ 96.878	\$95.851	\$103.880

- (1) 2020 projections include a 3% rate increase for water and recycled water rates, with no increase for wastewater. For 2019, the budget included a 3% rate increase for water and recycled water, and a 2% increase for wastewater rates.,
- (2) Net of low income assistance program

Analysis of 2019 and 2020 Budgeted Expense Projections

Table 2 compares the adopted 2019 budget and 2019 year-end expense projections with the originally adopted 2020 budget and 2020 revised budget proposal. In total the 2019 budget is projected to be on target with what was adopted. The revised 2020 operating budget is forecasted to increase 2.6% over the previously adopted 2020 budget.

Changes to the 2020 departmental programs are related mainly to a few items. First, the 2020 proposed budget includes 7 new positions that are detailed below and account for an additional \$675,000 in the budget or 1.3% of the total 2.6%.

Finance	Meter Technician I
Info Technology	Information Technology Analyst I
Engineering	Environmental Compliance Inspector I
Water	Water Treatment Plant Operator III
Water	Construction and Maintenance Worker I– 2 positions (waterline replacement)
	Senior Construction and Maintenance Worker (waterline replacement)

Two other material additions to the 2020 revised budget are an additional \$200,000 included in Finance for fuel for anticipated PSPS events in 2020 and \$1.1 million for the recoating of Reservoir 2 and 2A tanks in Camino. The remainder of the departmental budget changes are minor and remain in line with the previously adopted budget.

Table 2: Operating Budget Expenses for 2019 and 2020 by Department (in millions)

Departments	2019 Adopted Budget	2019 Revised Projections	2020 Adopted Budget	2020 Proposed Budget
Office of the General Manager	\$ 3.110	\$ 2.642	\$ 3.234	\$ 3.193
Communications	0.374	0.382	0.389	0.410
Finance	7.242	7.500	7.532	7.826
Human Resources	3.152	2.838	3.278	3.429
Information Technology	1.931	2.121	2.008	2.241
Engineering				
-Engineering Administration	0.557	0.700	0.579	0.687
-Development Services	0.436	0.474	0.453	0.481
-Water / Hydro Engineering	0.307	(0.029)	0.319	0.064
-Wastewater / Recycled Engineering	0.004	(0.177)	0.004	0.045
-Drafting/GIS Services	0.514	0.512	0.535	0.514
-Construction Inspection	(0.125)	0.356	(0.130)	(0.081)
-Environmental Compliance	1.674	1.478	1.741	1.930
Operations				
-Administration	0.365	0.176	0.380	0.343
-Water Operations	12.134	12.647	12.619	13.524
-Wastewater Operations	11.078	11.101	11.522	11.188
-Recycled Water Operations	0.399	0.337	0.415	0.396
-Hydroelectric Operations	6.293	6.421	6.545	6.472
-Recreation Operations	1.745	1.737	1.815	1.970
Total Expenses	\$ 51.190	\$ 51.215	\$ 53.238	\$ 54.632

Table 3 below identifies budget expense by type. The revised 2020 budget projects a \$750,000 increase in wages. This is attributed to the final Board approved salary adjustment of 5% the increased budget for the 7 new positions.

Addition costs related to salaries budget-

2019 Salary adjustment	\$ 360,000
New positions	<u>390,000</u>
	<u>\$ 750,000</u>

The increase in total benefits is almost entirely related to the increase in the wages identified above. Using the direct overhead rate of 69.4%, the benefits increase by \$520,000. These two items increased the 2020 adopted budget by 2.4%.

Table 3: Adopted Operating Budget Expenses for 2019 and Proposed 2020 by Expense Type (in millions)

Type	2019 Adopted Budget	2019 Revised Projections	2020 Adopted Budget	2020 Proposed Budget
Salaries	\$ 18.816	\$ 19.029	\$ 19.569	\$ 20.313
Benefits (Table 4)	14.225	14.015	14.794	15.382
Salaries and Benefits	33.041	33.044	34.363	35.695
CIP and Development				
Reimbursement Labor Offsets	(4.759)	(3.906)	(4.949)	(5.388)
Net Personnel Expense	28.282	29.138	29.414	30.307
Materials and Services				
-Operating Supplies	4.169	4.627	4.335	4.120
-Chemicals	1.121	1.035	1.165	1.071
-Administration	3.814	3.825	3.968	4.113
-Utilities	5.217	5.170	5.426	5.588
-Professional Services	5.710	4.181	5.938	5.618
-Repair Services	1.576	2.226	1.639	2.489
-Insurance	0.772	0.855	0.803	0.896
-Operating Capital Outlay	0.279	0.158	0.290	0.180
-Contingency	0.250	0.000	0.260	0.250
Total Materials and Services	22.908	22.077	23.824	24.325
Total Expenses	\$ 51.190	\$ 51.215	\$ 53.238	\$ 54.632

Table 4 details the breakdown of employee benefits by type. Overall, the revised 2020 budget for benefits is 4.0% higher than the adopted 2020 budget which is essentially the increase related to the direct overhead rate of 69.4% applied to the increase in wages.

Table 4: Adopted Benefits Budget Expenses for 2019 and Proposed 2020 by Expense Type (in millions)

Type	2019 Adopted Budget	2019 Revised Projections	2020 Adopted Budget	2020 Proposed Budget
Medical	\$ 3.655	\$ 3.470	\$ 3.728	\$ 4.065
Retiree Health	1.840	1.840	1.895	1.920
Dental/Vision	0.374	0.335	0.389	0.340
EAP	0.006	0.006	0.006	0.006
Life	0.018	0.018	0.019	0.060
Workers' Compensation	0.354	0.345	0.354	0.261
FICA	1.367	1.441	1.376	1.463
PERS	6.486	6.400	6.900	7.078
Medical Reimbursement	0.055	0.055	0.055	0.055
Vehicle Allowance	0.030	0.030	0.030	0.030
Other Employee Costs	0.040	0.075	0.042	0.104
Total Benefits	\$ 14.225	\$ 14.015	\$ 14.794	\$ 15.382

Debt Service Coverage

The Installment Purchase Agreements associated with the District’s debt issuances require the District—to the fullest extent permitted by law—to fix, prescribe, and collect rates and charges so that revenues exceed operating expenditures, including debt payments, by a minimum ratio of 1.25. The District may make adjustments from time to time in its rates and charges, but cannot reduce those rates and charges unless the District’s net revenues from reduced rates and charges will at all times be sufficient to meet the debt service coverage minimum of 1.25.

Table 5 shows that the revised projected debt service coverage for 2019 will meet requirements and the District will meet its requirements for 2020 as well.

Table 5: Revised Debt Service Coverage Projections for 2019 and 2020 (in millions)

	2019 Adopted Budget	2019 Revised Projections	2020 Adopted Budget	2020 Proposed Budget
Estimated Revenues	\$ 98.444	\$ 96.878	\$ 95.851	\$ 103.880
Estimated Operating Expenses	(51.190)	(51.215)	(53.238)	(54.632)
Net Revenues	\$ 47.254	\$ 45.663	\$ 42.613	\$ 49.248
State Loans (preexisting)	1.079	1.079	1.079	1.079
Available Net Revenues	46.175	44.584	41.534	48.169
Debt Service (1)	22.102	22.102	22.036	21.464
Debt Service Ratio	2.09	2.02	1.89	2.24
Internal (1.0) Debt Service Ratio(2)	1.41	1.47	1.43	1.37

(1)Proposed budgets for 2020 assume the prepayment on the following year’s maturing debt of \$6 million. The District’s prepayment in 2019 will reduce the debt service in 2020 by \$6 million.

(2)Internal 1.0 test is based upon available net revenues being equal to, or greater than, the debt service in a given year. Being equal to would be (available net revenues)/ (debt service) =1.00 (District goal = 1.25 to 1.50x)

Beginning with the first Certificate of Participation bond sale in 2003, the District has included FCC revenue in meeting its debt coverage requirements. In 2010, however, the Board also imposed an internal requirement that its debt service ratio, excluding FCCs, be at least 1.0 with the goal between 1.25 and 1.50x. The test is identical to the bond document test of 1.25x, except it excludes FCCs from the calculation. By creating budgets that meet this test, the District is assured it is meeting all of its obligations for a given year, including operating expenses and debt payments, without relying on volatile FCC revenue. The District is projected to meet this internal debt service ratio test for 2019 and 2020.

As reflected in Table 5 above, the District is projecting it will exceed this internal 1.0 ratio requirement for 2019 – 2020. As detailed in Table 6 below, the District exceeded the 1.25x coverage requirement every year since 2003, except for 2004 and 2009. In 2004, the State of California took local property tax revenues to help meet the State’s debt obligations. If the District had not received any FCCs during those years, however, the coverage test would not have been met prior to 2010 except for 2006, when the District received approximately \$8.0 million in reimbursements from the Federal Emergency Management Agency. Beginning in 2010 with extensive cost cutting to operating expenses, the new power sales contract with PG&E, restructuring some of the outstanding debt and the adoption of a series of rate increases, the District has met the coverage test without FCCs.

Table 6: Debt Service Coverage FY2003-2018 (in millions)

Fiscal Year	Net Revenues	Debt Service	Coverage	FCCs	Coverage if FCCs Excluded
2003	\$13.044	\$7.414	1.76	\$12.775	0.04
2004	10.312	11.435	0.90	9.835	0.04
2005	18.578	11.624	1.60	15.884	0.23
2006	36.284	15.561	2.33	11.470	1.59
2007	27.349	15.276	1.79	15.237	0.79
2008	25.919	17.792	1.46	11.453	0.81
2009	12.125	14.755	0.82	1.099	0.75
2010	22.224	16.133	1.40	0.577	1.37
2011	32.888	19.865	1.69	2.773	1.55
2012	27.681	17.777	1.59	2.301	1.46
2013	35.886	16.406	2.27	5.453	1.92
2014	29.301	15.189	2.00	4.543	1.63
2015	39.383	15.513	2.65	13.924	1.69
2016	40.694	15.542	2.74	12.417	1.88
2017	56.130	23.206	2.49	14.022	1.85
2018	50.339	23.585	2.19	20.050	1.30

Financial Plan

The Board annually adopts an ongoing five-year capital improvement plan (CIP) for the District. As described in previous budget workshops and Board meetings, a long-term financial plan is used to balance the ongoing operational financing needs with the capital needed to fund the ongoing CIP while providing safe and reliable services to our customers.

Using a long-term financial plan can avoid making volatile rate adjustments, better manage the use of debt financing, structure debt payments, assist in planning for the funding of capital projects and create a plan to meet bondholder obligations.

As set forth in Administrative Regulation 3012, the goals and objectives of EID’s financial plan are to:

- Establish necessary operating and maintenance costs, debt expenses and funding available for pay-as-you-go projects.
- Generate sufficient revenues to fund those costs, meet bondholder obligations and maintain adequate cash reserves.
- Avoid customer “rate shock” through the use of small, annual rate adjustments.
- Maintain strong credit ratings to obtain better interest rates when debt is issued (S&P, AA-; Moody’s, Aa3).
- Maintain cash reserves between \$60 million and \$80 million.
- Maintain CIP funding levels to replace high-priority capital assets prior to end of life in order to avoid critical asset failures and provide safe and reliable services to our customers.
- Fund more costly, long-lived assets via debt while using excess operational cash for smaller, pay-as-you-go projects.

- Maintain a 1.7x to 2.0x debt service coverage ratio with FCC revenue added in.
- Maintain a 1.25x to 1.50x debt coverage ratio when FCC revenue is excluded

5-Year Financial Plan Review

The 2020 – 2024 financial plan has been updated to reflect some revenue assumption changes for 2020 – 2024, accelerating the planned bond sale in previous forecasts from 2021 to 2020 and increasing the issue amount to \$75 million, and incorporating spending estimates from the adopted 2020 – 2024 Capital Improvement Plan (CIP). Following is a brief review of the previously adopted financial plan and some proposed changes.

Purpose of a Financial Plan

In November 2014, staff made a presentation to the Board discussing reasons the District needed to prepare long-term financial plans in order to balance the financial needs of operations with the need for capital improvements. The plan would be used to establish necessary costs for operations and maintenance, debt service, and pay-as-you-go construction projects. It would also establish the amount of total revenues needed to fund the operating costs, fund debt payments while also meeting bond covenants, and maintain adequate cash reserves.

Long-term financial plans are also used to forecast and implement rate adjustments needed to meet the financial goals of the District through the use of small, annual rate increases without creating rate shock resulting from large, double-digit increases. Additional financial plan goals include maintaining strong credit ratings and maintaining funding for critical asset replacement prior to end of life to avoid asset failures. With multiyear financial plans in place, including rate increases showing the ability of a utility to meet its operational and financing obligations, the bond rating agencies gain confidence in the utility, rate its credit higher, and ultimately reduce the cost of borrowing.

In staff's opinion, the success of the District's 2016 financing transactions did not alter the District's need to implement the previously adopted rate increases for 2017 – 2020. Additionally, the adopted rate increases were included within the financial forecast for 2016-2020 provided to the rating agencies and bond-buying community in each of the 2016 financing transactions, as were the resulting actual debt payment requirements for the newly issued bonds. Those projections were instrumental in the District obtaining its credit rating enhancements. Unfortunately, the Board through the years has reduced or entirely eliminated planned rate increases via the budget process. The results of not implementing planned rate increases combined with an increased need for capital replacement to maintain our infrastructure, has created increased pressure on cash positions in future years. The ongoing 2019 Cost of Service Analysis (COSA) will attempt to address this issue by implementing a systematic approach, over time, to address the source of revenue and funding needed by the District.

The proposed financial plan for 2020 – 2024 reflects the growth in the CIP addressing the replacement of critical infrastructure, the effects of previously adopted rate increases that were reduced or eliminated, and the need for capital financing. For this plan water and recycle water rates are projected to rise 3% in 2020 (rate was previously authorized) with increases of 5.0%, 5.5%, 6.0% and 6.5% for 2021-2024. Wastewater reflects no rate increases for 2020-2022 and 1% increases in 2023 and 2024. The issues, referenced above, are components addressed within the 2019 COSA.

Changes to previous revenue forecasts as outlined in the draft COSA presented to the Board on October 15, 2019 are:

1. Allocation of Property Tax Revenue – In previous years, property tax revenues were

allocated among utilities as follows: 60% to the water utility and 40% to the wastewater utility. For this financial plan, the allocation is 75% to water 25% to wastewater because the water utility needs significant revenue growth over time to address infrastructure needs and debt service. The increase in property tax allocations to the water fund will alleviate some pressures on the needed water rate increases.

2. PG&E Power Sales Revenue – The District’s power sales contract with PG&E expires in 2021. Staff has begun exploring options for a subsequent power sales contract, but as was included last year in the financial plan, this plan reflects power sales decreasing by \$2 million per year, down from \$8 million to \$6 million reflecting anticipated lower pricing in the power market related to the solar power glut.
3. FCC Revenue – FCC revenue for 2020 has been revised based upon discussions with the development community. For 2021 – 2024 FCC revenue forecasts remain the same as in the 2019 – 2023 financial forecast.
4. CIP Expenditures – This plan is also designed to address additional pay-as-you-go construction projects within the water utility of approximately \$5 million annually to replace smaller water lines and another \$5 million annually to replace water service lines.

By the end of 2019, after a planned debt prepayment of \$6.0 million in December of this year, EID’s outstanding debt will be approximately \$294.6 million, down from a high of \$394 million in 2010, a reduction over the past 9 years of about \$100 million.

Appendices 1 – 12 show details of departmental expenses.

Financial Plan Update: The District’s five-year financial plan follows with separate water and wastewater plans following.

Total District	Projected <u>2020</u>	Projected <u>2021</u>	Projected <u>2022</u>	Projected <u>2023</u>	Projected <u>2024</u>
Total Debt Proceeds	\$ 75.0	-	-	-	75.0
Total Revenues	103.9	95.4	90.9	94.1	97.8
Total Maintenance and Operation Costs	54.6	56.6	58.4	60.1	61.9
Net Revenues	49.3	38.8	32.5	34.0	35.9
Pre-existing State Obligations	1.1	1.1	1.1	1.1	0.9
Net Revenues Available After Pre-existing Obligations	48.2	37.7	31.4	32.9	35.0
Senior Debt Service	21.5	20.0	15.4	15.5	15.5
Cash Available from Current Year Activities for Capital Projects or Other Improvements	101.7	17.7	16.0	17.4	94.5
Cash Balance - January 1	78.9	129.8	106.6	96.0	72.8
Total Cash Available for Capital Projects or Debt Pre-payment	180.6	147.5	122.6	113.4	167.3
Total CIP	(44.8)	(34.9)	(20.6)	(34.6)	(37.1)
Debt Reserve Paydown on New Debt	-	-	-	-	-
Pre-funding Debt	(6.0)	(6.0)	(6.0)	(6.0)	(6.0)
Other Receipts-Insurance, FEMA and OES	-	-	-	-	-
Cash Balance - December 31	\$ 129.8	106.6	96.0	72.8	124.2
Senior Debt Service Coverage (1.25x test)	2.24	1.89	2.04	2.12	2.26
Internal Senior Debt Coverage					
Total FCCs in Revenue Above	18.8	10.0	5.0	5.0	5.0
\$\$\$ of FCCs Removed from Calculation	18.8	10.0	5.0	5.0	5.0
Internal Senior Debt Coverage (1.0x test)	1.37	1.39	1.71	1.80	1.94

Water Utility Only	Projected <u>2020</u>	Projected <u>2021</u>	Projected <u>2022</u>	Projected <u>2023</u>	Projected <u>2024</u>
Total Debt Proceeds	75.0	-	-	-	75.0
Total Revenues	65.7	61.9	59.1	61.7	64.7
Total Maintenance and Operation Costs	35.7	37.0	37.9	39.1	40.2
Net Revenues	30.0	24.9	21.2	22.7	24.4
Pre-existing State Obligations	1.1	1.1	1.1	1.1	0.9
Net Revenues Available After Pre-existing Obligations	28.9	23.8	20.1	21.6	23.6
Senior Debt Service	13.4	14.0	11.3	11.3	11.3
Cash Available from Current Year Activities for Capital Projects or Other Improvements	90.5	9.9	8.8	10.3	87.2
Cash Balance - January 1	40.0	91.0	69.8	62.2	40.6
Total Cash Available for Capital Projects or Debt Pre-payment	130.5	100.9	78.6	72.5	127.8
Total CIP	(36.3)	(27.9)	(13.2)	(28.8)	(27.6)
Debt Reserve Paydown on New Debt Pre-funding Debt	(3.2)	(3.2)	(3.2)	(3.2)	(3.2)
Other Receipts-Insurance, FEMA and OES	-	-	-	-	-
Cash Balance - December 31	91.0	69.8	62.2	40.6	97.0
Senior Debt Service Coverage (1.25x test)	2.16	1.70	1.78	1.90	2.08
Internal Senior Debt Coverage					
Total FCCs in Revenue Above	10.57	5.90	2.95	2.95	2.95
\$\$\$ of FCCs Removed from Calculation	10.57	5.90	2.95	2.95	2.95
Internal Senior Debt Coverage (1.0x test)	1.37	1.28	1.52	1.64	1.82

Wastewater Utility Only	Projected <u>2020</u>	Projected <u>2021</u>	Projected <u>2022</u>	Projected <u>2023</u>	Projected <u>2024</u>
Total Debt Proceeds	-	-	-	-	-
Total Revenues	38.1	33.6	31.7	32.4	33.1
Total Maintenance and Operation Costs	18.9	19.7	20.4	21.1	21.7
Net Revenues	19.2	13.9	11.3	11.3	11.4
Pre-existing State Obligations	-	-	-	-	-
Net Revenues Available After Pre-existing Obligations	19.2	13.9	11.3	11.3	11.4
Senior Debt Service	8.1	6.0	4.1	4.1	4.1
Cash Available from Current Year Activities for Capital Projects or Other Improvements	11.2	7.9	7.2	7.2	7.3
Cash Balance - January 1	39.0	38.8	36.9	33.8	32.3
Total Cash Available for Capital Projects or Debt Pre-payment	50.2	46.7	44.0	41.0	39.6
Total CIP	(8.5)	(7.0)	(7.4)	(5.9)	(9.5)
Debt Reserve Paydown on New Debt Pre-funding Debt	(2.8)	(2.8)	(2.8)	(2.8)	(2.8)
Other Receipts-Insurance, FEMA and OES	-	-	-	-	-
Cash Balance - December 31	38.8	36.9	33.8	32.3	27.2
Senior Debt Service Coverage (1.25x test)	2.38	2.30	2.73	2.74	2.75
Internal Senior Debt Coverage					
Total FCCs in Revenue Above	8.20	4.10	2.05	2.05	2.05
\$\$\$ of FCCs Removed from Calculation	8.20	4.10	2.05	2.05	2.05
Internal Senior Debt Coverage (1.0x test)	1.37	1.62	2.23	2.25	2.26

Conclusion

The 2020 proposed operating budget process continues to present a number of challenging financial issues due to the growing need for capital replacement within the District, past decisions on water rate increase implementation, and the need to maintain adequate service levels and comply with regulatory requirements. Like all of EID's budgets, staff approached the process with two overriding priorities: maintaining a reliable level of service to customers that protects public health and safety, and the environment; and demonstrating fiscal responsibility. Staff believes both of these objectives are met under the revised proposed 2020 operating budget. Staff also believes that if the projected revenues are met and the operating budgets are not significantly exceeded because of unforeseen circumstances, the 1.25 coverage requirements in the District's bond covenants will be met while the District's internal 1.25-1.5x goal, excluding FCCs, will also be met.

This proposed revised 2020 budget and the 2020 – 2024 financial plan accomplish the following:

1. Meets the required coverage tests for our bond holders (1.25x) and the internal coverage goal of 1.25 to 1.50x;
2. Eliminates the authorized wastewater rate increase for 2020;
3. Generates net operating cash flow for the short term to fund annual pay-as-you-go construction projects while using debt financing judiciously for specific large, long-lived capital projects.

Board Options

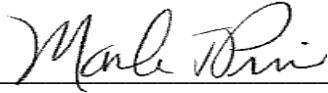
No action – Information only

Recommendation

Information only

Attachments

- Appendix 1: Total District Summary of Materials and Services by Account
- Appendix 2: Office of the General Manager Materials and Services by Account
- Appendix 3: Communications Materials and Services by Account
- Appendix 4: Finance Materials and Services by Account
- Appendix 5: Human Resources Materials and Services by Account
- Appendix 6: Information Technology Materials and Services by Account
- Appendix 7: Engineering Materials and Services by Account
- Appendix 8: Water Operations Materials and Services by Account
- Appendix 9: Wastewater Operations Materials and Services by Account
- Appendix 10: Recycled Water Operations Materials and Services by Account
- Appendix 11: Hydroelectric Operations Materials and Services by Account
- Appendix 12: Recreation Materials and Services by Account



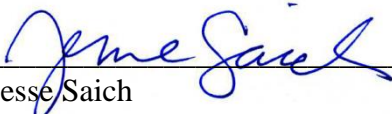
Mark T. Price
Finance Director



Dan Corcoran
Operations Director



Brian Mueller
Engineering Director



Jesse Saich
Communications and Media Relations Manager



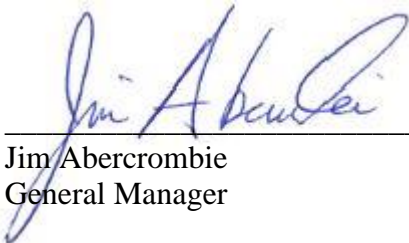
Jose C. Perez
Human Resources Manager



Tim Ranstrom
Information Technology Director



Brian Poulsen
General Counsel



Jim Abercrombie
General Manager

2020 OPERATING BUDGET				2019 Adopted	2019 Year End	2020 Proposed
FIN - M&S BY ACCOUNT				Budget	Projections	Budget
52105	OFFICE SUPPLIES			28,600.00	28,460.00	28,460.00
52106	OFFICE EQUIPMENT (LESS THAN \$5,000)			5,905.00	9,240.00	7,735.00
52107	COMPUTER HW/SW (LESS THAN \$5,000)			7,943.23	5,750.00	5,750.00
52110	OPERATING SUPPLIES			34,475.43	35,734.34	36,100.00
52115	TELECOM SUPPLIES			2,000.00	3,000.00	7,600.00
52120	FUEL, OIL AND LUBRICATION			475,000.00	700,000.00	700,000.00
52122	PROPANE			17,200.00	17,200.00	17,200.00
52125	REPAIR AND MAINTENANCE SUPPLIES			23,500.00	31,000.00	19,000.00
52130	CLOTHING/UNIFORMS			3,350.00	6,050.00	6,550.00
52135	SAFETY SUPPLIES			10,611.91	8,310.00	8,310.00
52140	METER REPAIR SUPPLIES			114,000.00	114,000.00	129,000.00
52145	VEHICLE REPAIR/MAINT SUPPLIES			226,000.00	376,000.00	257,000.00
52150	SMALL TOOLS			27,750.00	28,326.05	29,676.05
52155	TIRES			75,000.00	75,000.00	80,000.00
52165	SECURITY SUPPLIES			1,544.18	1,800.00	1,800.00
52170	FREIGHT CHARGES			4,660.00	5,178.91	5,322.55
52175	WAREHOUSE ISSUES			500.00	500.00	500.00
52185	COMPLIANCE REQUIREMENTS			2,700.00	0.00	0.00
	SUBTOTAL - OPERATING SUPPLIES			1,060,739.75	1,445,549.30	1,340,003.61
52305	TELEPHONE			20,160.00	19,872.50	20,160.00
52310	POSTAGE			115,250.00	115,200.00	120,300.00
52315	ADVERTISING			0.00	1,000.00	500.00
52320	MEETINGS			250.00	250.00	250.00
52325	TRAVEL			4,435.00	1,844.95	2,135.00
52330	TRAINING			19,392.86	16,714.29	15,500.00
52335	DUES AND SUBSCRIPTIONS			190,600.00	197,245.21	124,400.00
52340	BOOKS AND PUBLICATIONS			3,250.00	2,850.00	2,850.00
52345	PRINTING, BINDING AND COPYING			45,440.00	45,119.88	45,400.00
52365	SOFTWARE LICENSES			50.00	0.00	0.00
52370	SOFTWARE MAINTENANCE			32,825.00	39,734.94	33,125.00
52390	MISCELLANEOUS PERMITS			7,350.00	6,350.00	3,850.00
52400	BANK SERVICE CHARGES			25,000.00	32,769.38	25,000.00
52405	CREDIT CARD DISCOUNT CHARGES			375,000.00	398,858.36	375,000.00
52431	SMART IRRIGATION REBATE			25,000.00	30,000.00	25,000.00
52435	MISCELLANEOUS PENALTIES			0.00	1.00	1.00
52499	MISCELLANEOUS ADMIN EXP.			5,000.00	2,600.00	5,000.00
	SUBTOTAL - ADMINISTRATION			869,002.86	910,410.49	798,471.00
52505	WATER			2,500.00	2,500.00	2,500.00
52510	SEWER			6,000.00	6,000.00	6,000.00
52520	ELECTRICITY			154,660.00	155,160.00	160,160.00
52525	GARBAGE			8,100.00	8,550.00	9,050.00
52530	OTHER UTILITY CHARGES			1,500.00	1,500.00	1,500.00
	SUBTOTAL - UTILITIES			172,760.00	173,710.00	179,210.00
52625	AUDIT AND ACCOUNTING SERVICES			42,250.00	36,860.00	36,860.00
52630	LAUNDRY SERVICE			8,000.00	5,500.00	5,500.00
52635	CONSULTING SERVICES			102,000.00	12,316.43	56,000.00
52640	OTHER CONTRACTUAL SERVICES			176,855.86	170,067.96	178,825.00
	SUBTOTAL - PROFESSIONAL SERVICES			329,105.86	224,744.39	277,185.00
52705	EQUIPMENT RENT			3,000.00	18,000.00	3,000.00
52710	CONTRACTED REPAIRS AND MAINTENANCE			78,500.00	41,000.00	117,000.00
	SUBTOTAL - REPAIR SERVICES			81,500.00	59,000.00	120,000.00
52805	INSURANCE PREMIUMS			1,600.00	1,428.57	1,600.00
	SUBTOTAL - INSURANCE			1,600.00	1,428.57	1,600.00
55100	OFFICE FURNITURE AND EQUIPMENT			2,500.00	0.00	2,500.00
55080	VEHICLES			0.00	27,076.00	33,076.00
55090	TOOLS AND EQUIPMENT			10,750.00	22,227.00	46,000.00
	SUBTOTAL - CAPITAL OUTLAY			13,250.00	49,303.00	81,576.00
	TOTAL			2,527,958.47	2,864,145.75	2,798,045.61
2019-2020 Operating Budget and 2020-2024 Financial Plan					Appendix 5	
November 12, 2019					Page	1 of 1



2019-2020 Operating Budget and 2020-2024 Financial Plan Workshop

El Dorado Irrigation District

November 12, 2019



Presentation Summary

- *Previous Board action*
- *Summary of issues*
- *Staff analysis/evaluation*
- *Board discussion/guidance*

Previous Board Action

- *Mar. 20, 2000: Board adopted a multi-year operating budget process*
- *Dec. 10, 2018: Board adopted the 2019-2020 Operating Budget and the 2019 - 2023 Financial Plan*



Summary of Issues

- *Staff analysis/evaluation*
- *2019-2020 revenue projections*
- *2019-2020 operating budget expense projections*
- *Debt service coverage*
- *2020-2024 five-year forecast*

Staff Analysis/Evaluation

- *2020 Operating Budget Considerations:*
 - *Plan for implementation of the authorized 3% rate increase for Water and Recycled Water utilities*
 - *Plan for no rate increase for the Wastewater utility*
 - *Keep operating expenses at original 4% growth rate as adopted in the original 2020 budget*



2019-2020

Revenue Projections



Revenues for 2019-2020

- *2019 Revenue Revisions*
 - *2019 Revenue projection:*
 - *Water revenues - \$700,000 lower than budgeted*
 - *Hydropower - \$2,000,000 higher than budgeted*
 - *FCCs - \$3,000,000 lower than budgeted*



Revenues for 2019-2020

- *2020 Revenue Revisions*
 - *2020 Revenue projection:*
 - *FCC revenues higher by \$8.8 million*
 - *Wastewater revenue projected down by \$0.9 million*



Revenues for 2019-2020

- *Rate increases for 2020*
 - *Adopt 3% previously authorized increase for Water and Recycled Water*
 - *Do not implement 3% previously authorized increase for Wastewater*

Revenues for 2019-2020 (in millions of dollars)

	2019 Adopted Budget	2019 Revised Projections	2020 Adopted Budget	2020 Proposed Budget
Water Sales and Services ⁽¹⁾	\$ 31.930	\$ 31.200	\$ 32.888	\$33.020
Wastewater Sales and Services ⁽¹⁾⁽²⁾	21.760	21.875	22.834	21.945
Recycled Water Sales ⁽¹⁾	2.180	2.250	2.264	2.264
Hydropower Sales	8.000	10.000	8.000	8.000
Investment Income	0.750	0.750	0.750	0.750
FCCs	15.000	11.979	10.000	18.778
Debt Surcharges	2.416	2.416	2.424	2.430
Property Tax	12.207	12.207	12.452	12.452
Other Income	2.761	2.761	2.771	2.773
Recreation	1.440	1.440	1.468	1.468
Total Revenues	\$ 98.444	\$ 96.878	\$95.851	\$103.880

(1) 2020 projections include a 3% rate increase for water and recycled water rates, with no increase for wastewater.

(2) (2) Net of low income assistance program



2019-2020

Operating Budget Expense Projections



Expenditures for 2019-2020

- *2019 Expense Projection:*

- *Net personnel expense higher related to capitalized labor offset- \$800,000*

- *Operating supplies projected higher by:*

- *PSPS – Fuel and generator*

- maintenance supplies (est.)* *\$320,000*

- *Other operating repair and*

- maintenance supplies* *140,000*

- \$460,000*

Expenditures for 2019-2020

- *2019 Expense Projection (continued):*

- *Professional services lower related to:*

- *Consulting services anticipated in
2017 now moved to 2020* *\$450,000*
 - *Temporary labor* *200,000*
 - *Other contractual services* *650,000*
 - *Legal fees* *140,000*
 - *Other* *60,000*

- Net Professional services lower*

- by approximately* *\$1,500,000*

Expenditures for 2019-2020

- *2019 Expense Projection (continued):*
 - *Repair services higher related to change in classification from professional services - \$650,000*

Expenditures for 2019-2020

- *2020 Expense Projection:*

- *2020 budget expense revisions higher by 2.7%.*

- *6.7% total over 2019 budget:*

- *Personnel expenses (net)*

\$890,000

- *Material and Services*

500,000

\$ 1,490,000

Expenditures for 2019-2020

- *2020 Expense Projection (continued):*

- *Personnel expenses higher by:*

• <i>2019 salary adjustment</i>	<i>\$360,000</i>	
• <i>Seven new positions requested:</i>		
<i>(1) Meter Services</i>		
<i>(1) Information Technology</i>		
<i>(1) Environmental Compliance</i>		
<i>(1) Water Treatment Plant Operator</i>		
<i>(3) Water Construction – waterline replacement</i>	<i><u>390,000</u></i>	<i>\$750,000</i>
• <i>Benefits</i>		
<i>Health – employees</i>	<i>\$330,000</i>	
<i>Health – retirees</i>	<i>25,000</i>	
<i>PERS – related to new positions</i>	<i>140,000</i>	
<i>Other benefit changes combined</i>	<i><u>55,000</u></i>	<i><u>550,000</u></i>
		<i>\$1,300,000</i>
• <i>Labor offsets – higher estimates than adopted budget related to Water Construction</i>		<i><u>(440,000)</u></i>
<i>Net Personnel higher by approximately</i>		<i><u>\$860,000</u></i>

Expenditures for 2019-2020

- *2020 Expense Projection (continued):*
 - *Most expense projections are similar to adopted:*
 - *PSPS – Added \$240,000 to fuel budget for 2020 within Operating Supplies*
 - *Repair Services has a tank recoating for Reservoir 2A for \$1.1 million within the Water utility which is higher than tank recoating originally budgeted by \$300,000*

Budget Development Approach

- *2020 Proposed Operating Budget*
 - *2020 revised budget is 2.7% higher than the 2020 adopted budget (approximately \$1.4 million)*
 - *Drivers for the 2.7% growth of the revised 2020 budget:*
 - *Wages*
 - *2019 salary adjustment - \$360,000*
 - *Seven new positions - \$390,000*
 - *Materials and Services*
 - *Electricity-increase by \$400,000*
 - *Insurance – increase by \$124,000*
 - *Repair services-increase by \$913,000*
 - *Benefits*
 - *Employer PERS contribution for the UAL - \$457,000*
 - *Retiree health insurance payments - \$80,000*
 - *Employee medical insurance - \$41,000*



2019-2020

Operating Budget Expense Projections



2019-2020 Operating Budget by Department

(in millions of dollars)

Departments	2019 Adopted Budget	2019 Revised Projections	2020 Adopted Budget	2020 Proposed Budget
Office of the General Manager	\$ 3.110	\$ 2.642	\$ 3.234	\$ 3.193
Communications	0.374	0.382	0.389	0.410
Finance	7.242	7.500	7.532	7.826
Human Resources	3.152	2.838	3.278	3.429
Information Technology	1.931	2.121	2.008	2.241
Engineering				
-Engineering Administration	0.557	0.700	0.579	0.687
-Development Services	0.436	0.474	0.453	0.481
-Water / Hydro Engineering	0.307	(0.029)	0.319	0.064
-Wastewater / Recycled Engineering	0.004	(0.177)	0.004	0.045
-Drafting/GIS Services	0.514	0.512	0.535	0.514
-Construction Inspection	(0.125)	0.356	(0.130)	(0.081)
-Environmental Compliance	1.674	1.478	1.741	1.930
Operations				
-Administration	0.365	0.176	0.380	0.343
-Water Operations	12.134	12.647	12.619	13.524
-Wastewater Operations	11.078	11.101	11.522	11.188
-Recycled Water Operations	0.399	0.337	0.415	0.396
-Hydroelectric Operations	6.293	6.421	6.545	6.472
-Recreation Operations	1.745	1.737	1.815	1.970
Total Expenses	\$ 51.190	\$ 51.215	\$ 53.238	\$ 54.632



2019-2020 Operating Budget by Expense Type

(in millions of dollars)

Type	2019 Adopted Budget	2019 Revised Projections	2020 Adopted Budget	2020 Proposed Budget
Salaries	\$ 18.816	\$ 19.029	\$ 19.569	\$ 20.313
Benefits (Table 4)	14.225	14.015	14.794	15.382
Salaries and Benefits	33.041	33.044	34.363	35.695
CIP and Development Reimbursement Labor Offsets	(4.759)	(3.906)	(4.949)	(5.388)
Net Personnel Expense	28.282	29.138	29.414	30.307
Materials and Services				
-Operating Supplies	4.169	4.627	4.335	4.120
-Chemicals	1.121	1.035	1.165	1.071
-Administration	3.814	3.825	3.968	4.113
-Utilities	5.217	5.170	5.426	5.588
-Professional Services	5.710	4.181	5.938	5.618
-Repair Services	1.576	2.226	1.639	2.489
-Insurance	0.772	0.855	0.803	0.896
-Operating Capital Outlay	0.279	0.158	0.290	0.180
-Contingency	0.250	0.000	0.260	0.250
Total Materials and Services	22.908	22.077	23.824	24.325
Total Expenses	\$ 51.190	\$ 51.215	\$ 53.238	\$ 54.632



2019-2020 Employee Benefits by Type

(in millions of dollars)

Type	2019 Adopted Budget	2019 Revised Projections	2020 Adopted Budget	2020 Proposed Budget
Medical	\$ 3.655	\$ 3.470	\$ 3.728	\$ 4.065
Retiree Health	1.840	1.840	1.895	1.920
Dental/Vision	0.374	0.335	0.389	0.340
EAP	0.006	0.006	0.006	0.006
Life	0.018	0.018	0.019	0.060
Workers' Compensation	0.354	0.345	0.354	0.261
FICA	1.367	1.441	1.376	1.463
PERS	6.486	6.400	6.900	7.078
Medical Reimbursement	0.055	0.055	0.055	0.055
Vehicle Allowance	0.030	0.030	0.030	0.030
Other Employee Costs	0.040	0.075	0.042	0.104
Total Benefits	\$ 14.225	\$ 14.015	\$ 14.794	\$ 15.382



2019-2020

Debt Service Coverage



2019 Debt Service Coverage

(in millions of dollars)

	2019 Adopted Budget	2019 Revised Projections	2020 Adopted Budget	2020 Proposed Budget
Estimated Revenues	\$ 98.444	\$ 96.878	\$ 95.851	\$ 103.880
Estimated Operating Expenses	(51.190)	(51.215)	(53.238)	(54.632)
Net Revenues	\$ 47.254	\$ 45.663	\$ 42.613	\$ 49.248
State Loans (preexisting)	1.079	1.079	1.079	1.079
Available Net Revenues	46.175	44.584	41.534	48.169
Debt Service (1)	22.102	22.102	22.036	21.464
Debt Service Ratio	2.09	2.02	1.89	2.24
Internal (1.0) Debt Service Ratio(2)	1.41	1.47	1.43	1.37



Financial Plan & Cash Flow Projections



2020-2024 Five-Year Financial Plan and Cash Flow Projections (in millions of dollars)

Total District	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024
Total Debt Proceeds	\$ 75.0	-	-	-	75.0
Total Revenues	103.9	95.4	90.9	94.1	97.8
Total Maintenance and Operation Costs	54.6	56.6	58.4	60.1	61.9
Net Revenues	49.3	38.8	32.5	34.0	35.9
Pre-existing State Obligations	1.1	1.1	1.1	1.1	0.9
Net Revenues Available After Pre-existing Obligations	48.2	37.7	31.4	32.9	35.0
Senior Debt Service	21.5	20.0	15.4	15.5	15.5
Cash Available from Current Year Activities for Capital Projects or Other Improvements	101.7	17.7	16.0	17.4	94.5
Cash Balance - January 1	78.9	129.8	106.6	96.0	72.8
Total Cash Available for Capital Projects or Debt Pre-payment	180.6	147.5	122.6	113.4	167.3
Total CIP	(44.8)	(34.9)	(20.6)	(34.6)	(37.1)
Debt Reserve Paydown on New Debt	-	-	-	-	-
Pre-funding Debt	(6.0)	(6.0)	(6.0)	(6.0)	(6.0)
Other Receipts-Insurance, FEMA and OES	-	-	-	-	-
Cash Balance - December 31	\$ 129.8	106.6	96.0	72.8	124.2
Senior Debt Service Coverage (1.25x test)	2.24	1.89	2.04	2.12	2.26
Internal Senior Debt Coverage					
Total FCCs in Revenue Above	18.8	10.0	5.0	5.0	5.0
\$\$\$ of FCCs Removed from Calculation	18.8	10.0	5.0	5.0	5.0
Internal Senior Debt Coverage (1.0x test)	1.37	1.39	1.71	1.80	1.94



Water Utility Only	Projected <u>2020</u>	Projected <u>2021</u>	Projected <u>2022</u>	Projected <u>2023</u>	Projected <u>2024</u>
Total Debt Proceeds	75.0	-	-	-	75.0
Total Revenues	65.7	61.9	59.1	61.7	64.7
Total Maintenance and Operation Costs	35.7	37.0	37.9	39.1	40.2
Net Revenues	30.0	24.9	21.2	22.7	24.4
Pre-existing State Obligations	1.1	1.1	1.1	1.1	0.9
Net Revenues Available After Pre-existing Obligations	28.9	23.8	20.1	21.6	23.6
Senior Debt Service	13.4	14.0	11.3	11.3	11.3
Cash Available from Current Year Activities for Capital Projects or Other Improvements	90.5	9.9	8.8	10.3	87.2
Cash Balance - January 1	40.0	91.0	69.8	62.2	40.6
Total Cash Available for Capital Projects or Debt Pre-payment	130.5	100.9	78.6	72.5	127.8
Total CIP	(36.3)	(27.9)	(13.2)	(28.8)	(27.6)
Debt Reserve Paydown on New Debt Pre-funding Debt	(3.2)	(3.2)	(3.2)	(3.2)	(3.2)
Other Receipts-Insurance, FEMA and OES	-	-	-	-	-
Cash Balance - December 31	91.0	69.8	62.2	40.6	97.0
Senior Debt Service Coverage (1.25x test)	2.16	1.70	1.78	1.90	2.08
Internal Senior Debt Coverage					
Total FCCs in Revenue Above	10.57	5.90	2.95	2.95	2.95
\$\$\$ of FCCs Removed from Calculation	10.57	5.90	2.95	2.95	2.95
Internal Senior Debt Coverage (1.0x test)	1.37	1.28	1.52	1.64	1.82

Wastewater Utility Only	Projected <u>2020</u>	Projected <u>2021</u>	Projected <u>2022</u>	Projected <u>2023</u>	Projected <u>2024</u>
Total Debt Proceeds	-	-	-	-	-
Total Revenues	38.1	33.6	31.7	32.4	33.1
Total Maintenance and Operation Costs	18.9	19.7	20.4	21.1	21.7
Net Revenues	19.2	13.9	11.3	11.3	11.4
Pre-existing State Obligations	-	-	-	-	-
Net Revenues Available After Pre-existing Obligations	19.2	13.9	11.3	11.3	11.4
Senior Debt Service	8.1	6.0	4.1	4.1	4.1
Cash Available from Current Year Activities for Capital Projects or Other Improvements	11.2	7.9	7.2	7.2	7.3
Cash Balance - January 1	39.0	38.8	36.9	33.8	32.3
Total Cash Available for Capital Projects or Debt Pre-payment	50.2	46.7	44.0	41.0	39.6
Total CIP	(8.5)	(7.0)	(7.4)	(5.9)	(9.5)
Debt Reserve Paydown on New Debt Pre-funding Debt	(2.8)	(2.8)	(2.8)	(2.8)	(2.8)
Other Receipts-Insurance, FEMA and OES	-	-	-	-	-
Cash Balance - December 31	38.8	36.9	33.8	32.3	27.2
Senior Debt Service Coverage (1.25x test)	2.38	2.30	2.73	2.74	2.75
Internal Senior Debt Coverage					
Total FCCs in Revenue Above	8.20	4.10	2.05	2.05	2.05
\$\$\$ of FCCs Removed from Calculation	8.20	4.10	2.05	2.05	2.05
Internal Senior Debt Coverage (1.0x test)	1.37	1.62	2.23	2.25	2.26

Discussion / Questions



EL DORADO IRRIGATION DISTRICT

Subject: Board-Adopted Cost of Service Principles for Guiding the Rate-Setting Process and Cost Allocation Factors Workshop.

Previous Board Action

November 4, 2011 – Board adopted the 2010 Cost of Service Study.

August 26, 2019 – Board reviewed Cost of Service principles and cost allocation factors.

October 15, 2019 – Board held workshop on 2020-2024 Draft Financial Plan and Cost of Service Analysis.

Board Policies (BP), Administrative Regulations (AR), and Board Authority

BP 11010 Fees and Charges

AR 11010 Adoption of Rates, Fees and Charges

Summary of Issue

During the May 28, 2019 Board meeting, Director Anzini requested that staff provide the process and timeline for the District's upcoming Cost of Service Analysis (COSA). In June, the General Manager presented a summary of the process and draft timeline via email to the Board. The Board reviewed the principles used to develop the 2010 Cost of Service Study on August 26, 2019. During its first workshop on the 2020 – 2024 Draft Financial Plan and Cost of Service Analysis in October 2019, Director Day requested another workshop to review the 2010 Cost of Service Study Principles that will guide the current process.

Background/Discussion

The District conducted a very detailed COSA in 2010, resulting first in the adoption of principles for guiding the rate-setting process (Principles), and then a modification of how costs of providing services were calculated for the different utilities. As part of that process, the District held several public meetings and received input from the public and Board. The Board then adopted the Principles, the COSA, and its methodology.

In 2015, the Board reviewed the previously-adopted COSA. The Board determined that the COSA cost estimates, allocations, and model were still accurate. Therefore, the District relied on the 2010 COSA in setting rates for 2016 – 2020. Following the public outreach and Proposition 218 process, the Board adopted rates for 2016 – 2020, subject to annual reviews.

Principles for Guiding the Rate-Setting Process

During the 2010 COSA, the District developed 12 guiding Principles, included as Attachment A, intended as parameters for the rate-setting consultant. Each Principle was set forth, followed by a policy statement, a discussion of the policy, and a description of each Principle's advantages and disadvantages.

Staff finds that the Principles developed in the 2010 COSA are consistent with sound financial and industry practices and would lay a solid foundation for the current COSA and an improved

rate-setting process into the future. Director Day recently requested the Board hold a workshop to review and update the Principles. Staff has been following the Principles and using the same rate model in updating the financial plan and analysis.

Revenue and Cost Allocation Assignments

When designing rates, there are several factors to consider prior to the actual modeling of the rates. Some of these factors require consideration of, and in some cases, decisions regarding important policy matters. These include 1) allocation of property taxes, 2) determining the ratio of base to commodity charges for water service, 3) allocation of debt service and debt service coverage ratios, and 4) allocation of overhead charges. The following describes these factors in more detail.

Allocation of Property Taxes – The District’s past practice was to allocate 60% of property tax revenue received to the water utility and 40% to the wastewater utility. These percentages are similar to the percentage of water-only accounts (64.1%) compared to total water and wastewater accounts. Staff proposes to adjust the allocation to 75% water fund and 25% wastewater fund. Because the water utility needs significant revenue growth over time to address infrastructure needs and debt service, the increase in property tax allocations to the water fund takes some stress off the need for higher water rate increases.

Water rate revenue base/commodity charges – In 2009, the District adopted an aggressive water conservation rate structure designed to collect 30% of rate revenue from fixed (base) charges and 70% of revenue from volumetric charges. During the 2010 COSA, the Board determined that meeting the revenue requirements of the District (which were closer to 70% fixed) became too volatile when water usage varied with changing weather conditions. The Board reallocated the base-to-commodity ratio to 50% fixed/50% volumetric.

Allocation of Debt Service – The debt service is allocated to the utilities based upon the bond documents when originally issued and cannot be reallocated.

Debt Service Coverage – Bond covenants require the District to obtain a 1.25x coverage. The District’s Administrative Regulation (AR) 3012 sets the financial goal of the debt coverage at 1.7-2.0x including Facility Capacity Charge (FCC) revenue and 1.25x without FCC revenue. AR 3012 also requires that rates generate enough net revenue to also adequately fund pay-as-you-go projects. The Board has expressed an interest in expanding the water pipeline and service line replacement program included in the CIP to be funded on a pay-as-you-go basis. In order to raise approximately \$1 million per year in pay-as-you-go funds for water utility construction purposes, a 3% rate increase is necessary.

Overhead Charges – Program charges not directly supporting a specific utility, such as General Manager, Human Resources, Information Technology, Legal, etc. are allocated based upon the ratio of directly assigned personnel within a singular utility to the total assigned personnel for all utilities. As an example, the Office of the General Manager is allocated between the water, wastewater and recycled water systems according to personnel ratios assigned to those utilities.

Conclusion

In developing the current COSA, staff will incorporate and adhere to the Principles developed in 2010, and modified by the Board as needed. Staff is utilizing the services of NBS Consulting, specifically Mr. Greg Clumpner, to confirm the consistency of the updated COS Study. Mr. Clumpner was the primary consultant on the 2010 COSA.

Board Options

None – Information only

Attachments

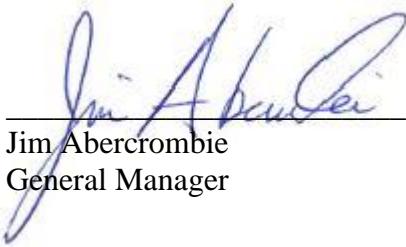
Attachment A: Principles for Guiding the Rate-Setting Process



Mark Price
Finance Director



Brian Poulsen
General Counsel



Jim Abercrombie
General Manager

EL DORADO IRRIGATION DISTRICT

Principles for Guiding the Rate-Setting Process

Principle 1 – Establish rates in compliance with all applicable Federal, State, and local laws and regulations.

Discussion: Certain Federal, State, and local laws and regulations have an impact on processes involved in setting the District’s rate structure – most notably Proposition 218. It is imperative that the rate structure be established in compliance with these laws and regulations.

Advantages of the Principle: Clearly states the District’s intent to establish rates in compliance with applicable Federal, State, and local laws and regulations.

Disadvantages of the Principle: None.

Principle 2 – Establish rates that are fair and equitable within the limitations of reasonable and attainable data and the District’s administrative systems, personnel, and finances.

Policy Statement: The Board recognizes the need for reasonable cost allocation among commodities as well as the need to provide an easily understood rate structure for its customers. Rates should be generally perceived by the District’s customers as fair, reasonable, and equitable to all customers.

Discussion: This principle highlights the importance of the customer perception of fairness and equity to the Board, while also recognizing that it is not practical to promise absolute equity among all customers and customer classes.

Advantages of the Principle: The advantage of this principle is that it reinforces the Board’s priority of treating all customers fairly. It also underscores the importance of a more “District-wide” perception of fairness and equity as opposed to pacifying the “squeaky wheel.” Finally, it acknowledges the practical obstacles that prevent perfect equity.

Disadvantage of the Principle: This principle ultimately does not clearly define the terms “fair and equitable” and will still require the Board to apply its discretion and judgment.

Principle 3 – Attempt to make rates simple to understand for the public and reasonable to administer.

Policy Statement: Rates should be easily understood by customers and cost-efficient for the District to administer. At the same time, all rates must conform to any legal requirements placed upon the District.

Discussion: For fifteen years, the District’s policy orientation has been to simplify its rate structure and the process of administering it. This principle is consistent with those historical efforts. Customer education and clarity of customer bills should be considered part of this principle.

Advantages of the Principle: Creating rates that are easy for customers to understand will minimize rate-related customer service issues. If customers understand the basis for their bills, they will have a greater ability to comprehend their billing and conclude that it is fair. This principle is consistent with the District's 2008 Board decision to adopt a District-wide rate structure.

Disadvantages of the Principle: There are tensions between "fairness and equity" and simplicity of the rate structure. Simplifying the rate structure does not always provide a maximum degree of fairness and equity. However, from the customer perspective, rates that are simple to understand may be more important than a higher degree of equity, as long as any resulting inequities are not viewed as "gross inequities."

Principle 4 – Establish stable and predictable rates over time to the extent possible within the District's overall financial plan.

Policy Statement: Rates should be stable and predictable over time which requires a balance between generating sufficient revenue for utility operations, funding capital improvements, and improving customer perception of the rates as fair and equitable.

Discussion: It is imperative for the District to establish rates that generate adequate revenues from year to year, regardless of weather and consumption characteristics. Large and unexpected year-to-year rate changes impose financial hardships on customers and promote customer perceptions of the District as arbitrary and mismanaged. This principle recognizes the need to establish an appropriate balance between minimizing large rate adjustments without discouraging annual smaller systematic rate adjustments.

Advantages of the Principle: The principle attempts to stabilize the cash flow of the District and, at the same time, improve customer perceptions of fair and equitable rates and management of the District.

Disadvantages of the Principle: It is difficult to define "stable" as this term has different meanings for different people. Customers may construe stable to mean no increases from year to year.

Principle 5 – Make rates cost-based to the extent possible.

Policy Statement: Rates should be cost-based to the extent possible, meaning that other rate-setting policies of the District and the financial impacts to customers must also be considered. Fundamentally, "cost-based" rates are rates that meet the District's overall revenue requirements. From the customer perspective, "cost-based" can be defined as the fair and reasonable allocation of costs to customers based on the degree to which services to different groups of customers cause the District to incur costs.

Discussion: Cost-based rates are generally recognized as being the most fair and equitable. However, this principle again needs to strike a balance between establishing cost-based rates in an excessively detailed and confusing manner, and establishing overly simplified rates. The District should strive for rates that satisfy both the District revenue requirements and the customer's perception of fairness and equity.

Advantages of this Principle: Striving for cost-based rates is an important element in achieving rates that will generally be perceived as fair and equitable and also meet the District's financial needs. Although cost responsibility among classes of service is not essential to the financial stability of the District, it is important if customers are to perceive rates as fair and equitable, as well as a requirement of state law (i.e., Proposition 218).

Disadvantages of the Principle: A commitment to cost-based rates may imply different levels of refinement and detail in the District's rates for various customer groups. Therefore, this principle could be misconstrued as requiring an excessively detailed and costly approach to establish rates.

Principle 6 – Set rates to promote efficient customer use.

Policy Statement: Rates should recognize the value of water and of sewer capacity as limited resources, and while the District's rate structure should discourage unreasonable use, it should encourage efficient use of the resources.

Discussion: This principle is intended to recognize the limited resources of the District and the environment. In light of the State Water Plan (20 x 2020) and the California Urban Water Conservation Council's Best Management Practice of collecting 70 percent of water rate revenue from consumptive rates (BMP #11), the District's rates should encourage more efficient use of water. Similarly, the District's sewer capacity and recycled water supplies are finite, and facility expansions to enhance those resources are very expensive. This principle is not intended to be applied so as to discourage reasonable uses of the resources. By attempting to price commodities roughly equal to their true costs, the District will be encouraging efficient use of its limited resources.

Advantages of the Principle: This principle recognizes the multiple uses of our natural resources and makes a positive statement to all customers and outside parties that the District encourages the efficient use of its resources.

Disadvantages of the Principle: This principle does not necessarily imply the need to adopt inverted (or tiered) block rates. But some customers and outside parties may believe that it requires the District to adopt inverted block rate structures for all classes of service. Some may also read this as a mandate for the District to consider water-budget based rates.

Principle 7 – Establish uniform rates within a service class; do not differentiate by area, within a service class, nor by pumped versus gravity water service.

Policy Statement: Rates for the District shall be uniform for all customers within a class of service and shall not be differentiated by service area or, in the case of water, by pumped versus gravity-delivered service.

Discussion: Establishing rates that are uniform for a class of service is the approach most commonly used by utilities across the United States. Utilities generally recognize that cost differences for service do exist within a customer class of service, but also recognize the advantages of a uniform rate structure. In that case, the policymakers are usually willing to accept some level of inherent inequities to gain the advantages and benefits derived from uniform rates by class of service.

Advantages of the Principle: A principle that has a uniform (i.e., the same) rate for all customers within a class of service is likely to be perceived by customers as fair and equitable. It will be more cost efficient for the District to administer the rate since no consideration is given to the location of a customer or whether water is pumped or delivered by gravity. It can also minimize dramatic rate differentials when areas need costly infrastructure improvements. The principle may also help to eliminate the perception that there are “two or more Districts” within the District.

Disadvantages of the Principle: This principle does not recognize the cost differences associated with serving different areas of the District. It is commonly accepted that all utility systems have cost differences associated with serving different customers in different areas of the systems. Any rate-setting principle that has a single, District-wide rate for a class of service recognizes, and is willing to accept, those cost differences because the benefits outweigh the disadvantages. Customers who believe rates should be individually defined to the greatest extent possible will likely object to this principle.

Principle 8 – Calculate water, sewer, and recycled water rates independently, without subsidies where practicable.

Policy Statement: Although some shared costs such as administrative overhead must be appropriately allocated among water, sewer, and recycled water; system facilities, operating costs, and debt service will be separately identified and allocated to each utility. There should be no subsidy of one utility by another.

Discussion: This principle recognizes that each utility has different customers and, therefore, subsidizing one utility by another would create inequities.

Advantages of the Principle: This approach holds most closely to Proposition 218 requirements that rates reasonably reflect the proportional costs of service to a particular property, and minimizes dissatisfaction by customers who believe their rates are subsidizing other customers or that they are paying for benefits they are not receiving.

Disadvantages of the Principle: The disadvantage of this principle is that it does not allow for the possibility of allocating costs in a manner that may result in a win-win outcome for all customers.

Principle 9 – Establish agricultural irrigation rates that recognize agriculture’s role in the District’s formation and development, the quality of water required to serve these customers, and the level of service provided.

Policy Statement: Rates for agricultural irrigation must recognize the importance of historical contribution that the agricultural customer class has provided to existing and future customers. The District will consider water quality and levels of service in distinguishing agricultural rates compared to M&I rates.

Discussion: From the 1850’s to the 1970’s, agricultural water needs played a major role in the development and acquisition of, and funding for, water rights through Project 184, Weber Dam, Sly Park Reservoir, and other diversions and facilities. The agricultural irrigation customers do not require either the level of high-quality water treatment or the level of service demanded by municipal and industrial customers. Many agricultural

customers have been provided treated water as a cost savings to the District in lieu of building dual treated water and raw water pipelines when converting open ditches to pipeline as a water conservation measure. The District should not allocate costs to agricultural customers to provide high water quality and levels of service that were necessitated by its municipal and industrial customers.

Advantages of the Principle: Acknowledging that these issues impact the cost allocation methodology, customers will generally perceive these rates as fair and equitable.

Disadvantages of the Principle: Some customers may not agree with the fairness, equity, or legality of acknowledging these issues.

Principle 10 – Establish recycled water rates that encourage efficient use and recognize the resource benefits of reuse.

Policy Statement: Rates for water reuse shall be priced at a level that promotes the use of recycled water but is tiered to ensure efficient use of the resources.

Discussion: Water reuse is a valuable benefit and component of the District's water supply. Any principle on the pricing of water reuse must recognize three important issues: (1) The District's customers should not pay a base rate for recycled water that is higher than the base rate for potable water. (2) Reuse water is lower quality than potable water, and pricing it at or above potable water would not reflect the difference in quality. (3) Because of the benefits of water reuse, the District should encourage reuse water for its customers as well as the efficient use of this resource.

Advantages of the Principle: The major advantage of this Principle is that it recognizes water reuse as a valuable water resource to the District. It attempts to price the commodity recognizing differences in quality, the financial benefits water reuse provide to District water and sewer customers, and the advantages of encouraging additional but efficient use.

Disadvantages of the Principle: The major disadvantage of the principle is that it may not collect the full costs of water reuse.

Principle 11 – Allocate property tax revenues reasonably among commodities.

Policy Statement: Allocate all property tax revenues received to support EID operations across the board. In this way the tax income will support all program efforts in direct proportion to the total District program needs. The specific allocation will be decided during the budget process and final adjustment made at the audit review and approval.

Discussion: The District has reasonably allocated the property tax revenue between water and wastewater commodities based on the number of accounts the District services but maintains a degree of flexibility in order to meet broad District financial objectives. In addition, the District has used these tax revenues (which the District's financial advisors and underwriters have classified as miscellaneous revenue) to ensure that each enterprise fund meets its financial goals and debt coverage tests.

Advantages of the Principle: This principle benefits our customers by helping each enterprise fund meet its debt coverage test, thereby minimizing debt service costs and rate volatility.

Disadvantages of the Principle: This principle does not mathematically allocate tax revenues to enterprise funds based on the dollars paid by and the number and type of services provided to each taxpayer.

Principle 12 – Consider financial tests, such as debt service coverage, in all District financial planning and rate adjustments.

Policy Statement: The District is legally obligated to meet certain financial tests specified in the documents resulting from the issuing revenue bonds. These obligations need to be considered and reflected in financial plans and future rate increases.

Discussion: While these requirements are intended to ensure bond holders that the District will have sufficient revenue to repay bond holders, they are also beneficial in that they force the District to maintain adequate reserves and meet annual revenue requirements, which contributes to the overall financial health of the District.

Advantages of the Principle: This principle can help ease political pressure not to increase rates except in the most dire of circumstances. Meeting the coverage ratios specified in bond documents can help the District avoid falling into disrepair because it provides a specific means for the District to adhere to its current legal obligations of maintaining the general financial health of the District.

Disadvantages of the Principle: This principle is unnecessary since the District is already legally obligated to maintain its debt service ratios.

**Board-Adopted Cost of Service
Principles for Guiding the Rate-Setting
Process and Cost Allocation Factors
Workshop**

November 12, 2019

Principle 1

Establish rates in compliance with all applicable Federal, State, and local laws and regulations

Principle 1

Discussion

Certain Federal, State, and local laws and regulations have an impact on processes involved in setting the District's rate structure—most notably Prop. 218. It is imperative that the rate structure be established in compliance with these laws and regulations.

Principle 1

Advantages

Clearly states the District's intent to establish rates in compliance with applicable Federal, State, and local laws and regulations.

Principle 1

Disadvantages

None

Additional Considerations

Principle 1

- The Cost of Service Study ensures that no customer class is paying more than the actual cost to provide the utility service.
- Staff is utilizing Colantuono Highsmith and Whatley, PC to review the District's Cost of Service Study's compliance with Prop. 218.

Principle 2

Establish rates that are fair and equitable within the limitations of reasonable and attainable data and the District's administrative systems, personnel, and finances

Principle 2

Policy Statement

The Board recognizes the need for reasonable cost allocation among commodities as well as the need to provide an easily understood rate structure for its customers. Rates should be generally perceived by the District's customers as fair, reasonable, and equitable to all customers.

Principle 2

Discussion

This principle highlights the importance of the customer perception of fairness and equity to the Board, while also recognizing that it is not practical to promise absolute equity among all customers and customer classes.

Principle 2

Advantages

The advantage of this principle is that it reinforces the Board's priority of treating all customers fairly. It also underscores the importance of a more "District-wide" perception of fairness and equity as opposed to pacifying the "squeaky wheel." Finally, it acknowledges the practical obstacles that prevent perfect equity.

Principle 2

Disadvantages

This principle ultimately does not clearly define the terms “fair and equitable” and will still require the Board to apply its discretion and judgment.

Additional Considerations

Principle 2

- Staff is proposing the “One District” philosophy for district-wide rate establishment.

Principle 3

Attempt to make rates simple to understand for the public and reasonable to administer

Principle 3

Policy Statement

Rates should be easily understood by customers and cost-efficient for the District to administer. At the same time, all rates must conform to any legal requirements placed upon the District.

Principle 3

Discussion

For fifteen years, the District's policy orientation has been to simplify its rate structure and the process of administering it. This principle is consistent with those historical efforts. Customer education and clarity of customer bills should be considered part of this principle.

Principle 3

Advantages

Creating rates that are easy for customers to understand will minimize rate-related customer service issues. If customers understand the basis for their bills, they will have a greater ability to comprehend their billing and conclude that it is fair. This principle is consistent with the District's 2008 Board decision to adopt a District-wide rate structure.

Principle 3

Disadvantages

There are tensions between “fairness and equity” and simplicity of the rate structure. Simplifying the rate structure does not always provide a maximum degree of fairness and equity. However, from the customer perspective, rates that are simple to understand may be more important than a higher degree of equity, as long as any resulting inequities are not viewed as “gross inequities.”

Additional Considerations

Principle 3

- Staff is proposing minimal rate changes and reallocations to avoid changing the District's rate structure.

Principle 4

*Establish stable and predictable rates over time
to the extent possible within the District's
overall financial plan*

Principle 4

Policy Statement

Rates should be stable and predictable over time which requires a balance between generating sufficient revenue for utility operations, funding capital improvements, and improving customer perception of the rates as fair and equitable.

Principle 4

Discussion

It is imperative for the District to establish rates that generate adequate revenues from year to year, regardless of weather and consumption characteristics. Large and unexpected year-to-year rate changes impose financial hardships on customers and promote customer perceptions of the District as arbitrary and mismanaged. This principle recognizes the need to establish an appropriate balance between minimizing large rate adjustments without discouraging annual smaller systematic rate adjustments.

Principle 4

Advantages

The principle attempts to stabilize the cash flow of the District and, at the same time, improve customer perceptions of fair and equitable rates and management of the District.

Principle 4

Disadvantages

It is difficult to define “stable” as this term has different meanings for different people. Customers may construe stable to mean no increases from year to year.

Additional Considerations

Principle 4

- Staff is proposing the same rate increase for all water and recycled water customers for a five-year period to stabilize the District's cash flow and budgeting for customers.

Principle 5

Make rates cost-based to the extent possible

Principle 5

Policy Statement

Rates should be cost-based to the extent possible, meaning that other rate-setting policies of the District and the financial impacts to customers must also be considered. Fundamentally, “cost-based” rates are rates that meet the District’s overall revenue requirements. From the customer perspective, “cost-based” can be defined as the fair and reasonable allocation of costs to customers based on the degree to which services to different groups of customers cause the District to incur costs.

Principle 5

Discussion

Cost-based rates are generally recognized as being the most fair and equitable. However, this principle again needs to strike a balance between establishing cost-based rates in an excessively detailed and confusing manner, and establishing overly simplified rates. The District should strive for rates that satisfy both the District revenue requirements and the customer's perception of fairness and equity.

Principle 5

Advantages

Striving for cost-based rates is an important element in achieving rates that will generally be perceived as fair and equitable and also meet the District's financial needs. Although cost responsibility among classes of service is not essential to the financial stability of the District, it is important if customers are to perceive rates as fair and equitable, as well as a requirement of state law (i.e., Prop. 218).

Principle 5

Disadvantages

A commitment to cost-based rates may imply different levels of refinement and detail in the District's rates for various customer groups. Therefore, this principle could be misconstrued as requiring an excessively detailed and costly approach to establish rates.

Additional Considerations

Principle 5

- Staff's proposal reasonably allocates both costs and non-rate revenue across customer classes based on these principles.
- All customer classes currently pay less than the actual cost to provide service.

Principle 6

Set rates to promote efficient customer use

Principle 6

Policy Statement

Rates should recognize the value of water and of sewer capacity as limited resources, and while the District's rate structure should discourage unreasonable use, it should encourage efficient use of the resources.

Principle 6

Discussion

This principle is intended to recognize the limited resources of the District and the environment. In light of the State Water Plan (20 x 2020) and the California Urban Water Conservation Council's Best Management Practice of collecting 70 percent of water rate revenue from consumptive rates (BMP #11), the District's rates should encourage more efficient use of water. Similarly, the District's sewer capacity and recycled water supplies are finite, and facility expansions to enhance those resources are very expensive.

Principle 6

Discussion continued

This principle is not intended to be applied so as to discourage reasonable uses of the resources. By attempting to price commodities roughly equal to their true costs, the District will be encouraging efficient use of its limited resources.

Principle 6

Advantages

This principle recognizes the multiple uses of our natural resources and makes a positive statement to all customers and outside parties that the District encourages the efficient use of its resources.

Principle 6

Disadvantages

This principle does not necessarily imply the need to adopt inverted (or tiered) block rates. But some customers and outside parties may believe that it requires the District to adopt inverted block rate structures for all classes of service. Some may also read this as a mandate for the District to consider water-budget based rates.

Additional Considerations

Principle 6

- Staff's proposal of tiered rates for single family customers continue to meet water efficiency goals established by staff.
- The use of a single uniform rate will not encourage water-use efficiency and would have a major cost impact to low-water users, many of whom are seniors and mobile home park customers.

Residential Water Only

2019			2019 T2			Bi-monthly change from 2019
<i>LOW USER - 1,053 cf</i>			<i>LOW USER - 1,053 cf</i>			
WA Base		\$61.68	WA Base		\$61.68	
Tier 1	1,053	\$15.77	Tier 1	1,053	\$19.04	
Total	1,053	\$77.45	Total	1,053	\$80.72	\$3.27
						4.2%
				Per CF		
Rates	T1	0-1,800		0.01498		
	t2	1,801-4,500		0.01808		
	t3	4,501+		0.02121		

Principle 7

Establish uniform rates within a service class; do not differentiate by area, within a service class, nor by pumped versus gravity water service

Principle 7

Policy Statement

Rates for the District shall be uniform for all customers within a class of service and shall not be differentiated by service area or, in the case of water, by pumped versus gravity-delivered service.

Principle 7

Discussion

Establishing rates that are uniform for a class of service is the approach most commonly used by utilities across the United States. Utilities generally recognize that cost differences for service do exist within a customer class of service, but also recognize the advantages of a uniform rate structure. In that case, the policymakers are usually willing to accept some level of inherent inequities to gain the advantages and benefits derived from uniform rates by class of service.

Principle 7

Advantages

A principle that has a uniform (i.e., the same) rate for all customers within a class of service is likely to be perceived by customers as fair and equitable. It will be more cost efficient for the District to administer the rate since no consideration is given to the location of a customer or whether water is pumped or delivered by gravity. It can also minimize dramatic rate differentials when areas need costly infrastructure improvements. The principle may also help to eliminate the perception that there are “two or more Districts” within the District.

Principle 7

Disadvantages

This principle does not recognize the cost differences associated with serving different areas of the District. It is commonly accepted that all utility systems have cost differences associated with serving different customers in different areas of the systems. Any rate-setting principle that has a single, District-wide rate for a class of service recognizes, and is willing to accept, those cost differences because the benefits outweigh the disadvantages. Customers who believe rates should be individually defined to the greatest extent possible will likely object to this principle.

Additional Considerations

Principle 7

- Staff's proposal continues uniform rates within customer classes.
 - Uniform rates are the most commonly used technique to allocate revenue requirements.




Example;

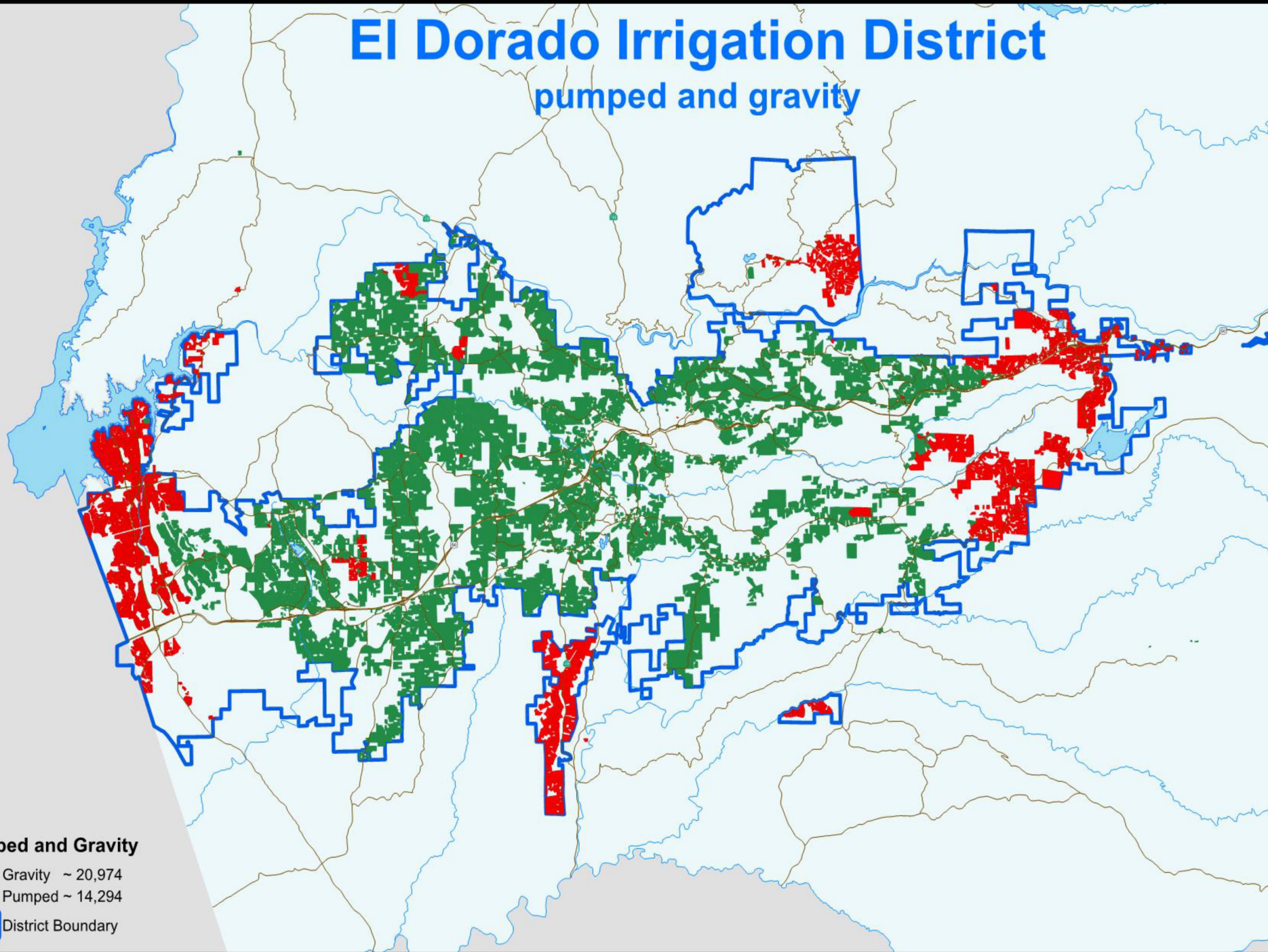
If EID returns to pumped vs. gravity rate structures, some customers would receive higher rates and others would receive lower rates.

El Dorado Irrigation District

pumped and gravity

Pumped and Gravity

-  Gravity ~ 20,974
-  Pumped ~ 14,294
-  District Boundary



System-Wide Costs of Pumped and Gravity-Fed Water

Total water customers
38,249

Pumped accounts
16,851

	<u>Uniform</u>	<u>Gravity</u>	<u>Pumped</u>
Annual	\$371.84	\$317.16	\$441.26
Bi-monthly	\$ 61.97	\$ 52.86	\$ 73.54

- Discussions would need to include how far should the costs be allocated based on geographical differences.
- If costs are not uniform it becomes far more complex, costs more to implement and causes confusion to our customers.

Principle 8

Calculate water, sewer, and recycled water rates independently, without subsidies where practicable

Principle 8

Policy Statement

Although some shared costs such as administrative overhead must be appropriately allocated among water, sewer, and recycled water; system facilities, operating costs, and debt service will be separately identified and allocated to each utility. There should be no subsidy of one utility by another.

Principle 8

Discussion

This principle recognizes that each utility has different customers and, therefore, subsidizing one utility by another would create inequities.

Principle 8

Advantages

This approach holds most closely to Prop. 218 requirements that rates reasonably reflect the proportional costs of service to a particular property, and minimizes dissatisfaction by customers who believe their rates are subsidizing other customers or that they are paying for benefits they are not receiving.

Principle 8

Disadvantages

The disadvantage of this principle is that it does not allow for the possibility of allocating costs in a manner that may result in a win-win outcome for all customers.

Additional Considerations

Principle 8

- Staff's proposal reflects each utility's revenue requirements (water, wastewater and recycled water) be calculated independently.

Principle 9

Establish agricultural irrigation rates that recognize agriculture's role in the District's formation and development, the quality of water required to serve these customers, and the level of service provided

Principle 9

Policy Statement

Rates for agricultural irrigation must recognize the importance of historical contribution that the agricultural customer class has provided to existing and future customers. The District will consider water quality and levels of service in distinguishing agricultural rates compared to M&I (municipal and industrial) rates.

Principle 9

Discussion

From the 1850s to the 1970s, agricultural water needs played a major role in the development and acquisition of, and funding for, water rights through Project 184, Weber Dam, Sly Park Reservoir, and other diversions and facilities. The agricultural irrigation customers do not require either the level of high-quality water treatment or the level of service demanded by municipal and industrial customers.

Principle 9

Discussion continued

Many agricultural customers have been provided treated water as a cost savings to the District in lieu of building dual treated water and raw water pipelines when converting open ditches to pipeline as a water conservation measure. The District should not allocate costs to agricultural customers to provide high water quality and levels of service that were necessitated by its municipal and industrial customers.

Principle 9

Advantages

Acknowledging that these issues impact the cost allocation methodology, customers will generally perceive these rates as fair and equitable.

Principle 9

Disadvantages

Some customers may not agree with the fairness, equity, or legality of acknowledging these issues.

Additional Considerations

Principle 9

- Staff's proposal to continue charging ag customers raw water rates and not potable water rates continue to recognize the ag community's voluntary conversion from ditch water to potable water pipelines.
 - This voluntary conversion saved over 1,740AF of water which was transferred to the El Dorado Hills area for additional water supply out of Folsom Lake.
 - The value of the conserved water was significant and benefited existing customers substantially by using Facility Capacity Charge (FCC) revenue to replace assets and for new customer growth and capacity expansion.

Principle 10

Establish recycled water rates that encourage efficient use and recognize the resource benefits of reuse

Principle 10

Policy Statement

Rates for water reuse shall be priced at a level that promotes the use of recycled water but is tiered to ensure efficient use of the resources.

Principle 10

Discussion

Water reuse is a valuable benefit and component of the District's water supply. Any principle on the pricing of water reuse must recognize three important issues: (1) The District's customers should not pay a base rate for recycled water that is higher than the base rate for potable water. (2) Reuse water is lower quality than potable water, and pricing it at or above potable water would not reflect the difference in quality. (3) Because of the benefits of water reuse, the District should encourage reuse water for its customers as well as the efficient use of this resource.

Principle 10

Advantages

The major advantage of this Principle is that it recognizes water reuse as a valuable water resource to the District. It attempts to price the commodity recognizing differences in quality, the financial benefits water reuse provide to District water and sewer customers, and the advantages of encouraging additional but efficient use.

Principle 10

Disadvantages

The major disadvantage of the principle is that it may not collect the full costs of water reuse.

Additional Considerations

Principle 10

- Staff's proposal reflects each utility's revenue requirements (water, wastewater and recycled water) be calculated independently.
- Previous discussions included charging recycled water rates the same as potable water rates.
 - Past court decisions would allow for this policy change
 - Currently, recycled water rates cover the costs of producing and distributing recycled water

- If the Board decides to change this policy and charge potable water rates for recycled customers—the average bill would change from \$83.75 to \$91.64 per billing period.
- This would increase the recycled water bill by \$7.89 bi-monthly or 9.4%.
- If this change was made, the recycled water enterprise fund would be moved to the water enterprise fund.

Principle 11

*Allocate property tax revenues reasonably
among commodities*

Principle 11

Policy Statement

Allocate all property tax revenues received to support EID operations across the board. In this way the tax income will support all program efforts in direct proportion to the total District program needs. The specific allocation will be decided during the budget process and final adjustment made at the audit review and approval.

Principle 11

Discussion

The District has reasonably allocated the property tax revenue between water and wastewater commodities based on the number of accounts the District services but maintains a degree of flexibility in order to meet broad District financial objectives. In addition, the District has used these tax revenues (which the District's financial advisors and underwriters have classified as miscellaneous revenue) to ensure that each enterprise fund meets its financial goals and debt coverage tests.

Principle 11

Advantages

This principle benefits our customers by helping each enterprise fund meet its debt coverage test, thereby minimizing debt service costs and rate volatility.

Principle 11

Disadvantages

This principle does not mathematically allocate tax revenues to enterprise funds based on the dollars paid by and the number and type of services provided to each taxpayer.

Additional Considerations

Principle 11

- Staff's proposal allocates slightly more property tax revenue to the water enterprise fund to minimize rates for much needed infrastructure replacement projects.
- Customers pay the same property tax rates whether they receive water or water and wastewater services.
- Staff is not recommending any change to the existing policy.

- Discussions should include why dual-commodity customers should receive 70% of property tax when the rate of tax is the same for all residents.
- Staff recommends the 75% water and 25% wastewater allocation to help fund water infrastructure needs.

Property Tax Allocation

Current 60% Water / 40% Wastewater

Water only \$180/annual allocation

Water/Wastewater \$419/annual allocation

Current 75% Water / 25% Wastewater

Water only \$225/annual allocation

Water/Wastewater \$360/annual allocation

Principle 12

Consider financial tests, such as debt service coverage, in all District financial planning and rate adjustments

Principle 12

Policy Statement

The District is legally obligated to meet certain financial tests specified in the documents resulting from the issuing revenue bonds. These obligations need to be considered and reflected in financial plans and future rate increases.

Principle 12

Discussion

While these requirements are intended to ensure bond holders that the District will have sufficient revenue to repay bond holders, they are also beneficial in that they force the District to maintain adequate reserves and meet annual revenue requirements, which contributes to the overall financial health of the District.

Principle 12

Advantages

This principle can help ease political pressure not to increase rates except in the most dire of circumstances. Meeting the coverage ratios specified in bond documents can help the District avoid falling into disrepair because it provides a specific means for the District to adhere to its current legal obligations of maintaining the general financial health of the District.

Principle 12

Disadvantages

This principle is unnecessary since the District is already legally obligated to maintain its debt service ratios.

Additional Considerations

Principle 12

- Staff's proposal meets the debt service and generates additional revenue to address the pipeline replacement program.

EL DORADO IRRIGATION DISTRICT

Subject: Consideration to award a contract to Downtown Ford Sales for the purchase of six replacement vehicles in the not-to-exceed amount of \$197,000; award a contract to Pape Machinery for the purchase of one replacement backhoe and one replacement excavator in the not-to-exceed amount of \$193,000; and authorize funding of \$455,000 for Vehicle Replacement Program, Project No. 19043.

Previous Board Action

January 28, 2019 – Board adopted the 2019-2023 CIP, which included the Vehicle Replacement Program subject to available funding.

Board Policies (BP), Administrative Regulations (AR) and Board Authority

BP 3060 Contracts and Procurement

AR 3061.04 Procurement and Contract Authority

Summary of Issue

The District maintains a fleet of vehicles in support of the provision of water, wastewater, hydroelectric, and recreational services. A program for regular fleet maintenance, repair and replacement is needed to maintain reliability, reduce the probability of greater and unexpected expenses, and to maintain or improve service standards. The vehicles and equipment to be replaced with the proposed purchases are beyond their normal service life and are subject to a higher rate of maintenance costs and downtime, which impacts District standards of service to customers.

Background/Discussion

Vehicle replacement criteria have been established to determine when it may be necessary to replace vehicles. Criteria can include age, condition, mileage, maintenance costs, downtime, improved fuel efficiency opportunities, driver and public safety risks, and changing support requirements. Best management practices suggest replacing vehicles when the replacement criteria are met, and to spread replacements out over time. A list of six vehicles have been identified for replacement as part of an annual review and evaluation. In addition, several items of equipment have been identified for replacement, as summarized below.

Vehicles & Equipment to be replaced

2003 ½ ton 4X4 Pickup truck with camper – 197,858 miles

2003 ½ ton 4X4 Pickup – 219,420 miles

2003 ½ ton 4X4 Pickup – 210,794 miles

2003 4 door Sedan – 126,888 miles

2003 Ford Explorer – 182,207 miles

2008 Ford 1 ton 4X4 Utility body – 241,702 miles

1996 John Deere 4X4 410 Backhoe – 4499 hours

2003 John Deere Excavator – 5096 hours

Replacement Vehicles to be Purchased from Downtown Ford Sales

Vehicle Type	Price
Ford F150 4X4 Crew cab Pickup (1)	\$36,230.80
Ford F350 4X4 Utility body truck (1)	\$50,925.78
Ford F150 4X4 Pickup (4)	\$109,161.80
Total Price	\$196,318.38

Replacement Equipment to be Purchased from Pape Machinery

Equipment Type	Price
John Deere 410L Backhoe (1)	\$130,021.31
John Deere 50G Compact Excavator (1)	\$62,738.03
Total Price	\$192,759.34

Procurement Method

The proposed equipment purchases piggyback recent competitively negotiated contracts solicited and awarded by another public agency to ensure the best value has been attained, while also reducing staff time and effort related to procurement. Using these piggyback contracts complies with District Administrative Regulation 3061.

The first piggyback contract that will be used is the State of California Contract 1-18-23-20A, which is a competitively awarded contract administered by the State of California for Fleet Vehicle purchases. This contract will be used to purchase the replacement vehicles from Downtown Ford Sales. It provides current model year Fleet Vehicles at contracted pricing to the State of California and local governmental agencies.

The second is Sourcewell contract 032515-JDC, which is a competitively awarded contract giving access to the following types of goods and services: articulated dump trucks, backhoes, compact excavators, compact track loaders, compact wheel loaders, crawler loaders as well as other large dozers, excavators, motor graders and skid steers. Sourcewell, formerly National Joint Powers Alliance, is a centralized bidding service cooperative available to government, education, and non-profit organizations for equipment of this nature. This contract will be used to purchase the replacement equipment from Pape Machinery.

Funding

The requested funding authorization in the amount of \$455,000 for the 2019 Vehicle Replacement Program includes \$197,000 for vehicle replacement, the \$193,000 for equipment replacement, and an additional \$65,000 for several smaller purchases of replacement equipment that fall within the General Manager’s approval limit.

Board Options

Option 1: Award a contract to Downtown Ford Sales for the purchase of six replacement vehicles in the not-to-exceed amount of \$197,000; award a contract to Pape Machinery for the purchase of one replacement backhoe and one replacement excavator in the not-to-exceed amount of \$193,000; and authorize funding in the amount of \$455,000 for Vehicle Replacement Program, Project No. 19043.

Option 2: Take other action as directed by the Board.

Option 3: Take no action.

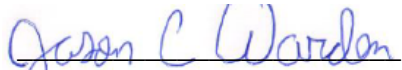
Recommendation

Option 1

Attachments

Attachment A: Downtown Ford quotes (State Contract 1-18-23-20A)

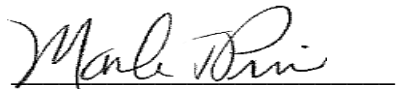
Attachment B: Pape Machinery quotes (Sourcewell Contract 032515-JDC)



Jason Warden
Fleet Maintenance Supervisor



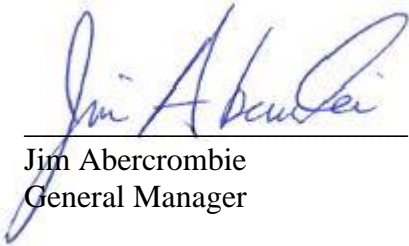
Dan Corcoran
Operations Director



Mark Price
Finance Director



Brian Poulsen
General Counsel



Jim Abercrombie
General Manager

THIS IS YOUR QUOTE

DOWNTOWN FORD SALES
 525 N16th Street, Sacramento, CA. 95811
 916-442-6931 fax 916-491-3138

S102919 1100

QUOTATION**Customer**

Name JASON WARDEN
 Address EL DORADO IRRIGATION
 City _____
 Phone EMAIL

Date 10/29/2019
 REP SANDRA SCOTT
 Phone 916-442-6931
 FOB SACRAMENTO

Qty	Description	Unit Price	TOTAL
1	2020 FOR F150 SUPER CREW CAB PICKUP 4X4, W1E STATE OF CALIFORNIA 1-18-23-20A CLIN 14	\$27,323.00	\$27,323.00
1	5.0L V8 GAS ENGINE	\$2,020.00	\$2,020.00
1	BACKUP ALARM	\$127.00	\$127.00
1	FACTORY BLUETOOTH	\$653.00	\$653.00
1	CLOTH SEATING, 40/20/40 BENCH	\$300.00	\$300.00
1	DAYTIME RUNNING LAMPS	\$45.00	\$45.00
1	POWER WINDOWS / MIRRORS / LOCKS	\$1,185.00	\$1,185.00
1	REVERSE SENSING SYSTEM	\$375.00	\$375.00
1	TRAILER BRAKE CONTROLLER	\$278.00	\$278.00
1	TRAILER TOW PACKAGE	\$1,007.00	\$1,007.00
1	EXTRA KEY	\$189.00	\$189.00
1	DOC FEE	\$85.00	\$85.00
SALES TAX 7.25%			

Payment Details

- Cash
 Check
 Credit Card

Name _____
 CC # _____
 Expires _____

	Subtotal	\$33,587.00
	Delivery	\$200.00
Taxes	EL DORADO	\$2,435.05
	CA Tire Tax	\$8.75
	TOTAL	\$36,230.80

Office Use Only

\$500 DISCOUNT WITH PAYMENT IN 20 DAYS

THIS IS YOUR QUOTE

DOWNTOWN FORD SALES
525 N16th Street, Sacramento, CA. 95811
916-442-6931 fax 916-491-3138

S102919 425

QUOTATION

Customer

Name JASON WARDEN
Address EL DORADO IRRIGATION
City _____
Phone EMAIL

Date 10/29/2019
REP SANDRA SCOTT
Phone 916-442-6931
FOB SACRAMENTO

Qty	Description	Unit Price	TOTAL
1	2020 FORD F350 4X2 CAB CHASSIS GAS STATE OF CALIFORNIA 1-18-23-20A CLIN 29	\$24,565.00	\$24,565.00
1	CHANGE TO 4X4	\$3,638.00	\$3,638.00
1	ALL TERRAIN TIRES	\$265.00	\$265.00
1	BACKUP ALARM	\$127.00	\$127.00
1	DAYTIME RUNNING LAMPS	\$45.00	\$45.00
1	HD SERVICE SUSPENSION	\$127.00	\$127.00
1	RUNNING BOARDS	\$445.00	\$445.00
1	FACTORY BLUETOOTH	\$0.00	\$0.00
1	CLOTH SEATING	\$300.00	\$300.00
1	KNAPHEIDE BUILDUP - STILES QUOTE 25969	\$17,033.00	\$17,033.00
3	EXTRA KEYS	\$189.00	\$567.00
1	DOC FEE	\$85.00	\$85.00
SALES TAX 7.25%			

Payment Details

- Cash
 Check
 Credit Card

Name _____
CC # _____
Expires _____

Subtotal	\$47,197.00
Delivery	\$300.00
Taxes	
EL DORADO	\$3,421.78
CA Tire Tax	\$7.00
TOTAL	\$50,925.78

Office Use Only

\$500 DISCOUNT WITH PAYMENT IN 20 DAYS

THIS IS YOUR QUOTE

DOWNTOWN FORD SALES
525 N16th Street, Sacramento, CA. 95811
916-442-6931 fax 916-491-3138

S102919 1045

QUOTATION

Customer

Name JASON WARDEN
Address EL DORADO IRRIGATION
City _____
Phone EMAIL

Date 10/29/2019
REP SANDRA SCOTT
Phone 916-442-6931
FOB SACRAMENTO

Qty	Description	Unit Price	TOTAL
4	2020 FOR F150 REG CAB PICKUP 4X4 STATE OF CALIFORNIA 1-18-23-20A CLIN 12	\$23,777.00	\$95,108.00
4	BACKUP ALARM	\$127.00	\$508.00
4	FACTORY BLUETOOTH	\$653.00	\$2,612.00
4	DAYTIME RUNNING LAMPS	\$45.00	\$180.00
4	REVERSE SENSING SYSTEM	\$375.00	\$1,500.00
4	EXTRA KEY	\$189.00	\$756.00
4	DOC FEE	\$85.00	\$340.00
SALES TAX 7.25%			

Payment Details

- Cash
 Check
 Credit Card

Name _____
CC # _____
Expires _____

Subtotal	\$101,004.00
Delivery	\$800.00
Taxes	
EL DORADO	\$7,322.80
CA Tire Tax	\$35.00
TOTAL	\$109,161.80

Office Use Only

\$500 DISCOUNT WITH PAYMENT IN 20 DAYS



Mr. Jason Warden
 El Dorado Irrigation District
 2890 Mosquito Rd.
 Placerville, CA 95667
 Revised: 8-19-19

Dear Jason,

Per your recent request for a price quotation on a new John Deere model 50G compact excavator per your specifications, I am pleased to offer the following revised Sourcewell pricing on this model for your review and consideration. This revision changes quote date only.

(1) New John Deere model 50G compact excavator standard equipped per the attached brochure and per your specifications.

0060FF 50G Compact Excavator Base
 3126 16" Rubber Track
 4145 Vinyl Suspension seat
 7110 4-ft., 6-in. Std. Arm
 8150 R.O.P.S. Open Canopy

Total "Base Machine" List price:	\$ 68,808.00 + tax
Less 30% Sourcewell Discount per current Contract # 032515-JDC:	<u>(\$ 20,642.00)</u>
Total Sourcewell "Base Machine" Sales Price:	\$ 48,166.00 + tax
Plus Inbound Freight, Dealer PDI, Wain Roy Coupler, Wain Roy 18" Amulet Hyd. Thumb, Manuals, Delivery:	<u>\$ 10,331.00</u>
Total Final Machine Sales Price:	\$ 58,497.00 + Tax

Options for additional consideration: (add to final Sales Price above);

Hydraulic Angle Blade;	\$ 2,180.00
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Prices are current but subject to escalation and do not include any applicable taxes or fees.
 This price quotation is firm for 90 days.

03/13/15

Jason, thank you for the opportunity to quote John Deere compact excavators. Please do not hesitate to contact me should you have any questions or need any additional info.

Sincerely,

Mike Pilat

Mike Pilat – Territory Mgr.
2850 El Centro Rd.
Sacramento, CA 95833 (916) 997-8626



Mr. Jason Warden
 El Dorado Irrigation District
 2890 Mosquito Rd.
 Placerville, CA 95667
 Revised: 8-19-19

Dear Jason,

Per your recent request for a price quotation on a new John Deere model 410L backhoe/loader per your specifications, I am pleased to offer the following revised Sourcewell pricing on this model for your review and consideration. This revision changes quote date only.

(1) New John Deere model 410L Backhoe/Loader standard equipped per the attached brochure and per your specifications.

0AB0T 410L Backhoe Loader Base
 170C JDLink Machine Monitoring System (5 years data subscription fees paid)
 3065 Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential
 2035 Enclosed Cab with Heat and A/C
 8685 Dual Batteries With Disconnect and Jump Post
 6020 Extendible Dipperstick
 5285 Pilot Controls, Two Lever, with Pattern Selection
 7080 Three-Function Loader Hydraulics, Single Lever
 8485 1,250 Lb. Front Counterweight
 6230 Aux. Rear Hydraulics with One-Way & Two-Way Flow (Hammer / Thumb)
 1065 John Deere PowerTech Plus 4.5L Engine Meets Final Tier 4 Emissions
 4466 Galaxy 21L - 24 in. 12 PR Rear Tires & 12.5/80-18 10PR Front Tires
 7685 1.32 cy Multipurpose Loader Bucket
 9110 Ride Control
 9116 Deluxe LED Lighting Package
 9515 Fluid Sampling Ports
 9920 (2) Exterior Rear View Mirrors
 9917 Radio
 9919 Sun Visor
 9505 Full MFWD Driveshaft Guard
 9965 Air Suspension Seat

Total "Base Machine" List price: **\$ 189,627.00 + tax**

Less 44% Sourcewell Discount per current Contract # 032515-JDC: **(\$ 83,436.00)**

Total Sourcewell "Base Machine" Sales Price: **\$ 106,191.00 + tax**

Plus Inbound Freight, Dealer PDI, Wain Roy Coupler, Wain Roy 18" Bucket, Amulet Hydraulic Thumb, Beacon, SMV, Manuals, Delivery: **\$ 15,034.00**

Total Final Machine Sales Price: **\$ 121,225.00 + Tax**

03/13/15

Prices are current but subject to escalation and do not include any applicable taxes or fees. Please add \$ 7.50 for CA tire disposal fee. This price quotation is firm for 90 days.

Jason, thank you for the opportunity to quote John Deere backhoe/loaders. Please do not hesitate to contact me should you have any questions or need any additional info.

Sincerely,

Mike Pilat

Mike Pilat – Territory Mgr.
2850 El Centro Rd.
Sacramento, CA 95833 (916) 997-8626

**FLEET STATUS UPDATE AND
CONSIDERATION TO AWARD A
CONTRACT TO DOWNTOWN FORD
SALES, PAPE MACHINERY AND
AUTHORIZE FUNDING FOR
REPLACEMENT VEHICLES AND
EQUIPMENT**

November 12, 2019

Summary of Issues

- Replacement criteria indicators
- Cost savings
- Status of fleet
- Vehicles and equipment to be replaced
- Replacement and procurement of vehicles and equipment

Replacement Criteria Indicators

- Age: 20 years or older
- Mileage: 200,000 miles
- Total maintenance costs
- Condition of the vehicle
- Other: downtime, safety, reliability, etc.

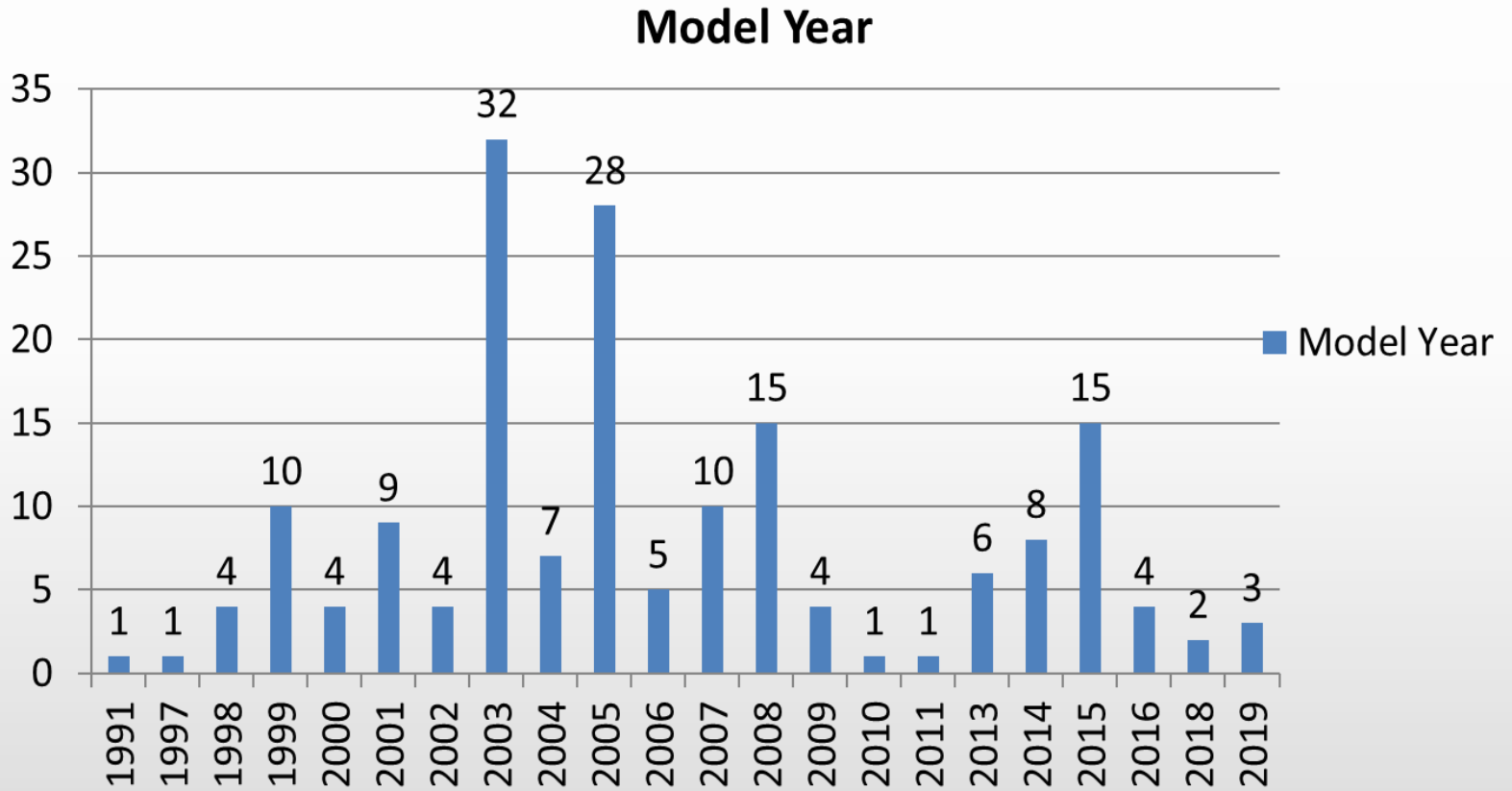
Cost Savings

- In 2015, the fleet maintenance division changed the vehicle replacement criteria to 20 years, 200,000 miles or the maintenance costs exceed the value of the vehicle
 - *6 vehicles are identified under this criteria to be replaced in 2019*

Cost Savings continued

- With the changes in 2015
 - *2 vehicles replaced in 2016*
 - *0 vehicles replaced in 2017*
 - *3 vehicles replaced in 2018*
 - *6 vehicles identified for 2019*
 - *7 vehicles identified for 2020*

Age of Fleet



Fleet Mileage

- Total mileage of district-wide fleet vehicles ***19,906,301***

Vehicles to be Replaced

- 2003 ½ ton 4X4 Pickup truck with camper – 197,858 miles
- 2003 ½ ton 4X4 Pickup – 219,420 miles
- 2003 ½ ton 4X4 Pickup – 210,794 miles
- 2003 4 door Sedan – 126,888 miles
- 2003 4 door SUV – 182,207 miles
- 2008 1 ton 4X4 Utility body – 241,702 miles

Equipment to be Replaced

- 1996 John Deere 4X4 410 Backhoe – 4,499 hours
- 2003 John Deere Excavator – 5,096 hours

Results for Vehicle Replacements

Vehicle Type	Price
Ford F150 4X4 Crew cab Pickup (1)	\$36,230.80
Ford F350 4X4 Utility body truck (1)	\$50,925.78
Ford F150 4X4 Pickup (4)	\$109,161.80
Total Price	\$196,318.38

Results for Equipment Replacements

Equipment Type	Price
John Deere 410L Backhoe (1)	\$130,021.31
John Deere 50G Compact Excavator (1)	\$62,738.03
Total Price	\$192,759.34

2019 Replacement Procurement

- Vehicles

State of California Contract 1-18-23-20A

- Equipment

Sourcewell Contract 032515-JDC

Board Decisions

- Option 1: Award a contract to Downtown Ford Sales for the purchase of six replacement vehicles in the not-to-exceed amount of \$197,000; award a contract to Pape Machinery for the purchase of one replacement backhoe and one replacement excavator in the not-to-exceed amount of \$193,000; and authorize funding in the amount of \$455,000 for Vehicle Replacement Program, Project No. 19043.
- Option 2: Take other action as directed by the Board.
- Option 3: Take no action.

Recommendation

- Option 1

Questions?