



AGENDA
REGULAR MEETING OF THE BOARD OF DIRECTORS
District Board Room, 2890 Mosquito Road, Placerville, California
August 8, 2016 — 9:00 A.M.

Board of Directors

Bill George—Division 3
President

George Osborne—Division 1
Vice President

Greg Prada—Division 2
Director

Dale Coco, MD—Division 4
Director

Alan Day—Division 5
Director

Executive Staff

Thomas D. Cumpston
Acting General Manager

Brian D. Poulsen, Jr.
Acting 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

Tom McKinney
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.

CALL TO ORDER

Roll Call
Pledge of Allegiance
Moment of Silence

ADOPT AGENDA

COMMUNICATIONS

General Manager's Employee Recognition

APPROVE CONSENT CALENDAR

Action on items pulled from the Consent Calendar

PUBLIC COMMENT

COMMUNICATIONS

Board of Directors

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

Clerk to the Board

General Manager

CONSENT CALENDAR

1. Finance (Pasquarello)

Ratification of EID General Warrant Registers for the periods ending July 19 and July 26, 2016, 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 July 25, 2016 regular meeting of the Board of Directors and August 1, 2016 special 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. Information Technology (Ranstrom)

Consideration to authorize staff to renew the District's existing Hansen software support and maintenance agreement with authorized vendor Infor Public Sector, Inc. for a one-year term in the amount of \$73,909.06.

Option 1: Authorize staff to renew the District's existing Hansen software support and maintenance agreement with Infor Public Sector, Inc. for a one-year term in the amount of \$73,909.06.

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

Option 3: Take no action.

Recommended Action: Option 1.

4. Finance (Pasquarello)

Investment Report for the quarter ended June 30, 2016.

Option 1: Receive and file the Investment Report for the quarter ended June 30, 2016.

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

Option 3: Take no action.

Recommended Action: Option 1.

5. Finance (Pasquarello)

Funding approval for District Capital Improvement Plan (CIP) Projects.

Option 1: Authorize funding for the CIP project as requested in the amount of \$35,000.

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

Option 3: Take no action.

Recommended Action: Option 1.

6. Engineering (Brink)

Payment of Local Agency Formation Commission (LAFCO) Net Operating Expenses.

Option 1: Authorize payment of the invoice in the amount of \$63,034.71.

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

Option 3: Take no action.

Recommended Action: Option 1.

7. Operations (Hawkins)

Consideration to adopt a resolution appointing an agent for purposes of submitting information to Cal EMA/OES to qualify the District for funding provided under the California Disaster Assistance Act Funding for Tree Mortality Event.

Option 1: Adopt a resolution appointing an agent for purposes of submitting information to Cal EMA/OES to qualify the District for funding provided under the California Disaster Assistance Act Funding for Tree Mortality Event.

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

Option 3: Take no action.

Recommended Action: Option 1.

END OF CONSENT CALENDAR

INFORMATION ITEMS

8. Finance (Price)

Overview of the District's recent refunding transaction-Refunding Revenue Bonds, Series 2016A and the issuance of the Revenue Certificates of Participation, Series 2016B.

Recommended Action: None – Information only.

9. Finance (Price)

June 30, 2016 Financial Update.

Recommended Action: None – Information only.

DIRECTOR ITEMS

10. Board of Directors (Coco)

EID Analysis Update: Challenges Facing the District.

Recommended Action: None – Information only.

ACTION ITEMS

11. Office of the General Counsel (Poulsen)

State Legislation Update.

Option 1: Approve recommendations on proposed state legislation as the District's official positions.

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

Option 3: Take no action.

Recommended Action: Option 1.

12. Operations (Washko)

Consideration to award a professional services agreement with California Laboratory Services in the not-to-exceed amount of \$457,794 over three years to perform wastewater and recycled water regulatory laboratory analyses for the District.

Option 1: Award a professional services agreement with California Laboratory Services in the not-to-exceed amount of \$457,794 over three years to perform wastewater and recycled water regulatory laboratory analyses for the District.

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

Engineering

- Consideration of a contract amendment with GEL to conduct additional analysis for the penstock condition assessment, Action Item, regular Board meeting, August 22 (Wells)
- Esmeralda Tunnel, Action Item, regular board meeting, August 22 (Noel)
- Silver Lake Dam Alternatives, Information Item, regular board meeting, August 22 (Wells)
- 2016 Water Resources and Service Reliability Report, Action Item, regular Board meeting, September 12 (Brink)
- 2017-2021 Capital Improvement Plan (CIP) Workshop: Review of draft CIP including Water, Wastewater, Recycled Water, Hydroelectric, FERC and General District projects, regular Board meeting, September (Mueller)

Finance / Engineering

- Facility Capacity Charge (FCC) Update, Information Item, regular Board meeting, September (Price/Mueller)

Office of the General Counsel

- Preparation of Petition to State Water Resources Control Board to add points of diversion/ rediversion to Permit 21112, Information Item, regular Board meeting, September 12 (Poulsen)

Operations

- Evaluation/Update for the Echo Conduit, Information Item, regular Board meeting, August 22 (Gibson)

Operations / Engineering

- Consideration of a professional services agreement for water system disinfection byproduct analysis, Action Item, regular Board meeting, August 22 (Strahan/Wells)

EL DORADO IRRIGATION DISTRICT
August 8, 2016

General Manager Communications

1) Awards and Recognitions

- a) Welcome to the District, Ashlee Ferrill. Ashlee has been hired to the position of Finance Assistant I in the Utility Billing Division.
- b) Welcome to the District, Curtis Herren. Curtis has been hired to the position of Property Maintenance Technician in the Operations Department.
- c) Welcome to the District, Eric Lillund. Eric has been hired to the position of Layout and Fabrication Welder in the Fleet Maintenance Division.

2) Staff Reports and Updates

- a) EID's continued focus on safety results in workers' compensation cost savings for the period covering 07/01/2016 – 06/30/2017 – Summary by Jose Perez

General Manager Communications
August 8, 2016

EID's continued focus on safety results in workers' compensation cost savings for the period covering 07/01/2016 – 06/30/2017

The guiding principle and goal of District safety programs is "100% Safety." Through the combined efforts of EID's Safety programs, and employee engagement and safety awareness, the District continues to benefit from premium savings on its workers' compensation insurance program.

As the Board may recall, the District was the recipient of the "*President's Special Recognition Award*" from the Association of California Water Agencies - Joint Powers Insurance Authority (ACWA-JPIA) in 2015 in recognition for achieving a low loss-ratio.

This year, I am pleased to inform the Board that the District's 2016-2017 Workers' Compensation insurance premiums is at a fifteen-year low. More impressive than that, the current annual premium savings since the high in 2003 is approximately \$1.6 million.

This record low insurance premium is a positive indicator of the continued success of the District's proactive safety efforts, which contribute to the containment of operating costs and Workers' Compensation insurance premiums.

We congratulate all District employees who continue to be vigilant and work with a strong focus on safety. EID's sustained safety efforts continue to yield reliable cost efficient services to the public and significant savings to our rate payers.

EL DORADO IRRIGATION DISTRICT

Subject: Ratification of EID General Warrant Registers for the periods ending July 19 and July 26, 2016 and Board and Employee Expense Reimbursements for these periods.

Previous Board Action:

February 4, 2002 – The Board approved to continue weekly warrant runs, and individual Board member review with the option to pull a warrant for discussion and Board ratification at the next regular Board meeting.

August 16, 2004 – Board adopted the Board Expense Payments and Reimbursement Policy.

August 15, 2007 – The Board re-adopted the Board Expense Payments and Reimbursement Policy as Board Policy 12065 and Resolution No. 2007-059.

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

Section 24600 of the Water Code of the State of California provides 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 agendaized on the next regular Board agenda.

On April 1, 2002, the Board requested staff to expand the descriptions on the Warrant Registers and modify the current format of the Warrant Registers.

On July 30, 2002, the Board requested staff to implement an Executive Summary to accompany each Warrant Register which includes all expenditures greater than \$3,000 per operating and capital improvement plan (CIP) funds.

Staff Analysis/Evaluation:

Warrant registers submitted for July 19 and July 26, 2016 totaling \$1,577,247.67, and Board and Employee Expense Reimbursements for these periods.

Current Warrant Register Information

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

<u>Register Date</u>	<u>Check Numbers</u>	<u>Amount</u>
July 19, 2016	654618 – 654787	\$603,047.86
July 26, 2016	654788 – 654926	\$974,199.81

Current Board/Employee Expense Payments and Reimbursement Information

The items paid on Attachment A and B are expense and reimbursement items that have been reviewed and approved by the Clerk to the Board, Accounting Manager and the General Manager before the warrants are 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 employee expense reimbursement is available for copying or public inspection at District headquarters in compliance with Government Code Section 53065.5.

Board Decision/Options:

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.

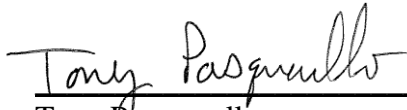
Staff/General Manager’s Recommendation:

Option 1.

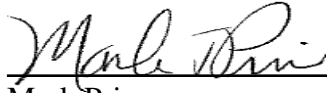
Support Documents Attached:

Attachment A: Board Expenses/Reimbursements

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



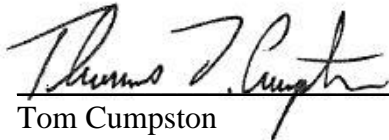
Tony Pasquarello
Accounting Manager



Mark Price
Finance Director (CFO)



Jennifer Sullivan
Clerk to the Board



Tom Cumpston
Acting General Manager

Attachment A

Board Expenses/Reimbursements
Warrant Registers dated 07/19/16 - 07/26/16

DESCRIPTION	William George	Alan Day	George Osborne	Dale Coco, MD	Greg Prada	Total
Personal Vehicle Expense	\$60.48		\$40.50		\$56.70	\$157.68
Hotel						\$0.00
Meals or Incidentals Allowance						\$0.00
Airfare, Car Rental, Misc Travel						\$0.00
Fax, Cell or Internet Service	\$40.00				\$80.00	\$120.00
Meeting or Conference Registration						\$0.00
Meals with Others						\$0.00
Membership Fees/Dues						\$0.00
Office Supplies					\$99.85	\$99.85
Reimburse prepaid expenses						\$0.00
Miscellaneous Reimbursements						\$0.00
	\$100.48	\$0.00	\$40.50	\$0.00	\$236.55	\$377.53



MINUTES
REGULAR MEETING OF THE BOARD OF DIRECTORS
 District Board Room, 2890 Mosquito Road, Placerville, California
 July 25, 2016 — 9:00 A.M.

Board of Directors

Bill George—Division 3 President	George Osborne—Division 1 Vice President	
Greg Prada—Division 2 Director	Dale Coco, MD—Division 4 Director	Alan Day—Division 5 Director

Executive Staff

Thomas D. Cumpston Acting General Manager	Brian D. Poulsen, Jr. Acting 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	Tom McKinney Operations

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CALL TO ORDER

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

Roll Call Board

Present: Directors Osborne, Prada, George, Coco and Day

Staff

Present: Acting General Manager Cumpston, Acting General Counsel Poulsen and Clerk to the Board Sullivan

Pledge of Allegiance and Moment of Silence

President George led the Pledge of Allegiance followed by a moment of silence for our troops serving us throughout the world.

ADOPT AGENDA

ACTION: Agenda was adopted.

MOTION CARRIED

Ayes: Directors Prada, Day, Osborne, George and Coco

COMMUNICATIONS

General Manager's Employee Recognition

1) Awards and Recognitions

- a) Congratulations to Craig Dovey, who is retiring after more than 22 years of service. We appreciate all of his contributions to the District's success. We wish him great health and happiness in his well-deserved retirement.
- b) Welcome to the District, Cary Mutschler. Cary has been hired to the position of Senior Civil Engineer in the Engineering Department.
- c) Welcome to the District, Justine Monroe. Justine has been hired to the position of Finance Assistant I in Utility Billing.
- d) Congratulations, Clay Wicks. Clay has been promoted to the position of Senior Construction and Maintenance Worker in the Operations Department.

APPROVE CONSENT CALENDAR

ACTION: Counsel pulled Item No. 4. Consent Calendar was then approved as amended.

MOTION CARRIED

Ayes: Directors Prada, Day, Osborne, George and Coco

PUBLIC COMMENT

Paul Raveling, El Dorado Hills

COMMUNICATIONS

Board of Directors

Director Coco commented on Folsom Lake levels.

Clerk to the Board

None

General Manager

2) Staff Reports and Updates

- a) Water Usage and Conservation Update – Summary by Brian Mueller
- b) Acting General Manager Cumpston spoke about the success of the annual employee picnic and thanked the Employee Association for hosting it.

CONSENT CALENDAR

1. Finance (Pasquarello)

Ratification of EID General Warrant Registers for the periods ending June 21, June 28, July 5, and July 12, 2016 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 CARRIED

Ayes: Directors Prada, Day, Osborne, George and Coco

2. Clerk to the Board (Sullivan)

Approval of the minutes of the July 7, 2016, special meeting of the Board of Directors.

ACTION: Option 1: Approved as submitted.

MOTION CARRIED

Ayes: Directors Prada, Day, Osborne, George and Coco

3. Office of the General Counsel (Poulsen)

Consideration of a resolution approving the sale of one surplus District-owned property (APN 048-192-01) and authorizing the Board President and/or Acting General Manager to execute all documents necessary to effectuate the sale.

ACTION: Option 1: Adopted Resolution No. 2016-019, approving the sale of one surplus District-owned property (APN 048-192-01) and authorizing the Board President and/or Acting General Manager to execute all documents necessary to effectuate the sale.

MOTION CARRIED

Ayes: Directors Prada, Day, Osborne, George and Coco

4. Safety/Security (Kilburg)

Consideration to award a contract to Sierra Security and Fire in the not-to-exceed amount of \$62,600, and authorize total funding in the amount of \$85,350 for the Security Systems Reliability Project, Project No. 14036.02.

Director Osborne left the meeting at 11:58 A.M. and was absent during the consideration of this item.

ACTION: Option 1: Awarded a contract to Sierra Security and Fire in the not-to-exceed amount of \$62,600, and authorized total funding in the amount of \$85,350 for the Security Systems Reliability Project, Project No. 14036.02.

MOTION CARRIED

Ayes: Directors Day, Prada, George and Coco

Absent: Director Osborne

5. Finance (Pasquarello)

Funding approval for District Capital Improvement Plan (CIP) Projects.

ACTION: Option 1: Authorized funding for the CIP project as requested in the amount of \$37,980.

MOTION CARRIED

Ayes: Directors Prada, Day, Osborne, George and Coco

6. Office of the General Counsel (P. Johnson)

Consideration of a resolution to authorize execution of an easement quitclaim to property owner Rippey Investment, Inc. (Assessor's Parcel Number: 108-274-06).

ACTION: Option 1: Adopted Resolution No. 2016-020, approving and authorizing execution of the easement quitclaim as submitted.

MOTION CARRIED

Ayes: Directors Prada, Day, Osborne, George and Coco

7. Office of the General Counsel (Poulsen)

Consideration of award of a task order pursuant to an on-call contract with GHD to seek land-use approvals for one surplus District-owned property (APN: 101-330-11).

ACTION: Option 1: Awarded a task order pursuant to an on-call professional services contract between the District and GHD in the not-to-exceed amount of \$28,354.

MOTION CARRIED

Ayes: Directors Prada, Day, Osborne, George and Coco

8. Finance (Downey)

Consideration to authorize payment to renew the District's membership dues in the Regional Water Authority for fiscal year 2016-2017.

ACTION: Option 1: Authorized payment of *both* the General and Water Efficiency Category 1 Program memberships in the amount of \$99,141 for fiscal year 2016-2017. This *excludes* funding for the Powerhouse Science Center.

MOTION CARRIED

Ayes: Directors Prada, Day, Osborne, George and Coco

9. Finance (Downey/Pasquarello)

Consideration of a resolution to set the tax rate for the General Obligation bonds, approve non-ad valorem charges, and authorize El Dorado County to place and collect charges for the 2016/2017 tax roll year; and resolution to set the Annexation Impact Fee Rate.

ACTION: Option 1: A. Adopted Resolution No. 2016-021, setting the tax rate for the voter-approved debt, approving non-ad valorem charges, authorizing El Dorado County Auditor/Controller's Office to place said charges on the tax roll and the Tax Collector's Office to collect said charges for the tax roll year 2016/2017. (Attachment F)
B. Adopted Resolution No. 2016-022, setting the Annexation Impact Fee rate for the tax year 2016/2017. (Attachment G)

MOTION CARRIED

Ayes: Directors Prada, Day, Osborne, George and Coco

END OF CONSENT CALENDAR

ACTION ITEMS

10. Engineering (Eden-Bishop)

Consideration to adopt a resolution authorizing the General Manager to execute a WaterSMART grant agreement with the United States Bureau of Reclamation in the amount of \$1,000,000; approval of a change order to a professional services agreement with Stantec in the not-to-exceed amount of \$124,972; and authorization of \$189,972 in total funding for the Main Ditch Project, Project No. 11032.

ACTION: Option 1: Adopted Resolution No. 2016-023 authorizing the General Manager to execute a grant agreement with Reclamation in the amount of \$1,000,000 for the Main Ditch Project; approved a change order to the professional services agreement with Stantec in the not-to-exceed amount for \$124,972; and authorized total funding of \$189,972; Project No. 11032.

MOTION CARRIED

Ayes: Directors Coco, Osborne and George

Noes: Director Prada and Day

Director Osborne left the meeting at 11:58 A.M. and was absent for the post-Closed Session reports, Consent Calendar Item No. 4, Review of Assignments and Adjournment.

CLOSED SESSION

A. Closed session pursuant to Government Code section 54957.6 (Poulsen)

Conference with Labor Negotiators pursuant to Government Code Section 54957.6

Agency Negotiators: Jack Hughes, Tom Cumpston, Brian Poulsen, Jose Perez, Mark Price

Employee Organization: Association of El Dorado Irrigation District Employees (general and engineers bargaining units)

ACTION: The Board met with its labor negotiators and provided direction but took no reportable action.

B. Closed session pursuant to Government Code section 54957 (Poulsen)

Threat to Public Services or Facilities pursuant to Government Code Section 54957

Conference with Safety/Security Officer re: Response Plan and Headquarters Security and Evacuation Systems

ACTION: The Board met with its Safety and Security Officer, it deliberated and provided some direction but took no reportable action.

C. Closed session pursuant to Government Code section 54956.8 (Poulsen)

Conference with Real Property Negotiators – Real Property Negotiations pursuant to Government Code Section 54956.8.

Properties: Assessor's Parcel Number 082-294-01

District negotiators: Acting General Manager, Acting General Counsel, Capital Valley Realty Group, Inc.

Under negotiation: price and terms of sale

Negotiating party: Capital Valley Realty Group, Inc., Bela and Timothy Kriner, and any interested party

ACTION: The Board met and conferred with Counsel. On a motion by Director Day, seconded by Director Osborne, and passed on 4-0 vote, the Board voted to reject the pending offer for the property listed. Director Coco recused himself from deliberations involving this property due to its proximity to his residence.

REVIEW OF ASSIGNMENTS

None

ADJOURNMENT

President George adjourned the meeting at 12:01 P.M.

Bill George
Board President
EL DORADO IRRIGATION DISTRICT

ATTEST:

Jennifer Sullivan
Clerk to the Board
EL DORADO IRRIGATION DISTRICT

Approved: _____



MINUTES
SPECIAL MEETING OF THE BOARD OF DIRECTORS
 District Board Room, 2890 Mosquito Road, Placerville, California
 August 1, 2016 — 9:00 A.M.

Board of Directors

Bill George—Division 3
 President

George Osborne—Division 1
 Vice President

Greg Prada—Division 2
 Director

Dale Coco, MD—Division 4
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Alan Day—Division 5
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CALL TO ORDER

President George called the meeting to order at 9:02 A.M.

Roll Call Board

Present: Directors Osborne, Prada, George and Coco

Absent: Director Day

Pursuant to Government Code section 54953, subdivision (b), Director Osborne participated via teleconference from Hot Springs Village, Hwy 30 Anx, Lava Hot Springs, ID 83246.

Staff

Present: Acting General Manager Cumpston, Acting General Counsel Poulsen and Clerk to the Board Sullivan

Pledge of Allegiance and Moment of Silence

President George led the Pledge of Allegiance followed by a moment of silence for our troops serving us throughout the world.

ADOPT AGENDA

ACTION: Agenda was adopted.

MOTION CARRIED

Ayes: Directors Coco, Prada, Osborne and George

Absent: Director Day

PUBLIC COMMENT

None

ACTION ITEMS

1. Office of the General Manager / Office of the General Counsel / Engineering (Abercrombie/Cumpston/Poulsen/Corcoran)

Approval of Project 184 Long-Term Warren Act Contract with U.S. Bureau of Reclamation.

ACTION: Option 1:

- Considered the Addendum together with the Final EIR for the Long-Term Project 184 Warren Act Contract with the U.S. Bureau of Reclamation.
- Specified that documents or other material, which constitute the record of proceedings upon which this decision is based, shall be in the custody of the Clerk to the Board at EID Headquarters.
- Adopted Resolution No. 2016-024, approving and authorizing the Acting General Manager to execute the Long-Term Permit 21112 Warren Act Contract with the U.S. Bureau of Reclamation.

MOTION CARRIED

Ayes: Directors Coco, Osborne, Prada and George

Absent: Director Day

CLOSED SESSION

A. Closed session pursuant to Government Code section 54956.9 (Poulsen)

Conference with Acting General Counsel – Potential Initiation of Litigation pursuant to Government Code Section 54956.9(d)(4). One Potential Case.

ACTION: The Board met with Counsel. On a motion by Director George, seconded by Director Coco and passed on a 3-0 vote with Director Prada abstaining, the Board authorized staff to initiate litigation under the procedures set forth in the Code of Civil Procedure 860 et seq against all interested persons.

REVIEW OF ASSIGNMENTS

None

ADJOURNMENT

President George adjourned the meeting at 9:48 A.M.

Bill George
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 staff to renew the District's existing Hansen software support and maintenance agreement with authorized vendor Infor Public Sector, Inc. for a one-year term in the amount of \$73,909.06.

Previous Board Action:

May 5, 1997 – Approved the purchase and upgrade to the Hansen Version 7 software program for water system, sewer system, and plant maintenance.

June 26, 2006 – Approved the purchase and implementation of the Hansen Utility Billing Solution.

Since August 23, 2010 – Approved the renewal of the District's Hansen software support and maintenance agreement annually for a one-year term.

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

BP 3060 and AR 3051.04 require Board approval for all purchases over \$50,000.

AR 3061.05e allows procurement of goods or services from a single source with good cause.

Summary of Issues:

The current Hansen software maintenance and support agreement will expire on September 30, 2016. The Hansen software application has been used by the District since the early 1990s for asset and maintenance management, and was expanded in 2006 to include support for the District's integrated Customer Service and Utility Billing process to improve efficiency and customer service capabilities.

The software support and maintenance agreement ensures that staff receives timely and competent technical support for this very complex suite of software, and that periodic software updates are provided to maintain the optimal operation of the Hansen software and its integration with other District information systems.

The requested renewal amount for Hansen software support and maintenance is in excess of \$50,000 and therefore requires Board approval. This requested amount is budgeted in the approved operating budget of the Information Technology Department. Therefore, this is not a request for additional funding.

Staff Analysis/Evaluation:

The Hansen software solution is a scalable platform of integrated modules and features designed to make the day-to-day operations and management of government agencies and private businesses more efficient and effective through the application of IT (information technology). Hansen is one of the leading solutions for utility operations and management, providing integrated asset management, customer information system and utility billing, and community development and regulation functionality. Hansen software is currently used by more than 450 large to mid-sized agencies with complex operational requirements.

The District began using Hansen in the early 1990s to improve the efficiency and effectiveness of its business operations. Over time, Hansen has been expanded to additional functions and it is now considered a core application for the District. It supports many essential business operations, including customer service support, utility billing process, cashiering, meter reading activities, asset maintenance and management for water, wastewater, fleet, recycled water, the backflow testing program, and collection system maintenance. Hansen is also integrated with several other District information systems to support management needs and increase staff productivity. These third-party integrations include the Microsoft Dynamics GP financial system and the ESRI ArcGIS geographic information system (underway). Staff routinely finds new and innovative ways to use the information and capabilities of the Hansen system to further improve efficiency and service delivery, satisfy changing regulatory requirements, and make better decisions.

As an integrated software solution, Hansen software must be regularly tested by the manufacturer to ensure ongoing compatibility within the numerous Hansen modules or the integrated third party software when changes occur. The software maintenance agreement ensures that the District receives timely major and minor software updates at no additional cost to address issues and enable new features. Minor updates addressing the never-ending state of change to either a component of the Hansen software suite or to a third-party software product may result in several new Hansen software updates per year to fix defects and ensure reliable operations. Major updates are generally released every few years and provide next-generation features and functionality to enhance staff productivity and customer service. Staff estimates the software maintenance agreement provides the District with access to major upgrade software licenses otherwise costing over \$500,000, for no additional cost.

Failure to renew the agreement would leave staff without essential technical support resources to assist them with troubleshooting, maintenance, and best-practice application of the very complex and highly specialized Hansen software. Without these support resources, the reliability and functionality of the Hansen software and the integrations to other District information systems would likely degrade and fail over time. The loss of these capabilities would require staff to perform numerous tasks in less efficient ways and likely lead to increased labor expenses, lower levels of customer service, and greater risk of service interruptions that collectively far outweigh the cost of renewing the agreement.

The cost for Hansen software and maintenance has increased approximately \$6,750 from the previous year. About 80% of the increase is to support 10 additional licenses the District purchased to meet increased user demands, and the remainder is a 2% rate increase by the vendor. The requested amount for Hansen software support and maintenance is budgeted for in the IT Department's approved 2016 operating budget.

Staff again explored shifting to a multi-year maintenance agreement similar to those in place for other enterprise software products in use within the District. That change is not recommended at this time, because the vendor does not offer a discount on maintenance fees for a longer-term agreement.

The IT Department currently provides centralized management of software maintenance and licensing as a service to other departments. This software management program uses IT Department expertise to ensure the District is getting the appropriate and best levels of support for the software maintenance dollars spent. Since implementation in early 2010, the software management program has saved the District over \$60,000 in unnecessary software expense and reduces the risk of fines for using software in excess of purchased license rights. This renewal request for Hansen software maintenance has undergone this due-diligence process review.

Board Decisions/Options:

Option 1: Authorize staff to renew the District's existing Hansen software support and maintenance agreement with Infor Public Sector, Inc. for a one-year term in the amount of \$73,909.06.

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

Option 3: Take no action.

Staff / General Manager Recommendation:

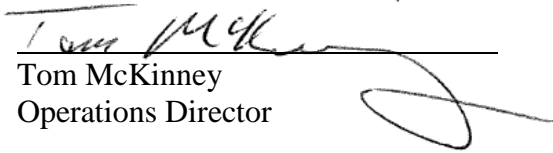
Option 1

Support Documents Attached:


Attachment A: Infor Hansen Maintenance Renewal Invoice



Tim Ranstrom
Information Technology Director




Tom McKinney
Operations Director




Elizabeth D. Wells for


Brian Mueller
Engineering Director



Mark T. Price, CPA
Finance Director



Brian Poulsen
Acting General Counsel



Thomas D. Cumpston
Acting General Manager



Invoice	Invoice Date	Due Date
P - 3780-US06A	06/13/2016	08/31/2016

Invoice

Bill to: EL DORADO IRRIGATION DIST.
 2890 Mosquito Road
 Placerville, CA 95667
 USA
 Attn: I.T. Director

Deliver To: EL DORADO IRRIGATION DIST.
 2890 Mosquito Road
 Placerville, CA 95667
 USA
 Attn: License Site

Customer No.	Tax Reg. No.	Customer PO No.	Currency	
372232			USD	Maintenance Renewal

Description	Location	QTY	Users	Maintenance Begin Date	Maintenance End Date	Amount
Hansen 7.x - Work Notice	Placerville	1	5	10/01/2016	09/30/2017	1,723.02
Hansen 7.x - Sewer	Placerville	1	8	10/01/2016	09/30/2017	1,959.15
Hansen 7.x - Meter Management	Placerville	1	50	10/01/2016	09/30/2017	0.00
Hansen GEOAdministrator	Placerville	1	1	10/01/2016	09/30/2017	3,730.12
Hansen 7.x - Water	Placerville	1	11	10/01/2016	09/30/2017	1,959.15
Hansen 7.x - Inventory Control Advanced	Placerville	1	1	10/01/2016	09/30/2017	0.00
Hansen 7.x - OLE Container	Placerville	1	1	10/01/2016	09/30/2017	3,656.98
Hansen 7.x - Construction & Use Permits	Placerville	1	7	10/01/2016	09/30/2017	2,454.42
Hansen 7.x - Customer Service - COMBINED	Placerville	1	23	10/01/2016	09/30/2017	3,252.76
Hansen Integrated Map Viewer	Placerville	1	5	10/01/2016	09/30/2017	0.00
Hansen 7.x - Cashiering Module	Placerville	1	5	10/01/2016	09/30/2017	0.00
Hansen 7.x - Plant/Fleet	Placerville	1	31	10/01/2016	09/30/2017	10,432.13
Hansen 7.x - Image Display	Placerville	1	1	10/01/2016	09/30/2017	0.00
Hansen 7.x - Spot Inspection	Placerville	1	1	10/01/2016	09/30/2017	0.00
Hansen 7.x - Tab Editor	Placerville	1	1	10/01/2016	09/30/2017	2,438.00
Hansen 7.x - Inventory Control Ordering	Placerville	1	1	10/01/2016	09/30/2017	0.00

Carry Forward 31,605.73



Invoice	Invoice Date	Due Date
P - 3780-US06A	06/13/2016	08/31/2016

Invoice

Description	Location	QTY	Users	Maintenance Begin Date	Maintenance End Date	Amount
Neztek Data Utility Exchange	Placerville	1	2	10/01/2016	09/30/2017	2,069.77
Hansen 7.x - Sewer	Placerville	1	5	10/01/2016	09/30/2017	2,389.27
Hansen 7.x - Water	Placerville	1	15	10/01/2016	09/30/2017	7,167.81
7G-XCB-2 - Hansen 7.x - Advanced Inspections Bundle CB-2	Placerville	1	50	10/01/2016	09/30/2017	19,527.65
Hansen 7.x - Sewer	Placerville	1	4	10/01/2016	09/30/2017	4,039.93
Hansen 7.x - Work Notice	Placerville	1	6	10/01/2016	09/30/2017	1,929.44
Hansen 7.x - Plant/Fleet	Placerville	1	6	12/14/2016	09/30/2017	2,506.19
Hansen 7.x - Sewer	Placerville	1	4	12/14/2016	09/30/2017	2,673.27
TAX(Type RE - CA)						

For renewal questions, please contact Shawna Wagner, Maintenance Business Manager
 Phone: +19164745041
 Email: Shawna.Wagner@infor.com

Remit to:

Infor Public Sector. Inc.
 4213 Solutions Center
 Lockbox 774213
 Chicago, IL 60677-4002
 USA
 Cash.Applications@infor.com
 EFT: Wells Fargo Bank
 ABA #: 121000248
 Account #: 4121484505

Please pay invoice by due date to avoid interruptions in support.

Net	Tax	Total:
73,909.06	0.00	73,909.06

Payment Terms:

See Due Date.

Special Instructions:

For questions, please contact at 678-319-8000 or email Infor.Collections@Infor.com

Invoice Total:

USD	73,909.06
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13560 Morris Rd - Ste 4100 Alpharetta, GA 30004 USA
 678-319-8000 Federal Tax ID. # 94-2913642

EL DORADO IRRIGATION DISTRICT

Subject: Investment Report for the quarter ended June 30, 2016.

Previous Board Action:

11/09/2015 – Board received and filed the Investment Report for the quarter ended September 30, 2015.

02/08/2016 – Board received and filed the Investment Report for the quarter ended December 31, 2015.

05/09/2016 – Board received and filed the Investment Report for the quarter ended March 31, 2016.

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 June 30, 2016 is attached for the Board's review.

Staff Analysis/Evaluation:

The attached Investment Report for the quarter ended June 30, 2016 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 June 30, 2016

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 June 30, 2016. 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. The remaining portfolios represent cash and investment positions within each of the District's bond issues and loans held at Union Bank of California (UBOC); the District's fiscal agent. The balances within the 2008A and 2010A bond issues represent required reserve balances plus reinvested interest earnings for each bond issue. The balances within 2012A and 2014A bond issues represent residual interest earnings on previously held cash deposits at UBOC. These residual balances will be applied to the next respective bond issue debt service payment.

Portfolios as of Quarter ended 06/30/2016	Par Value	Book Value	Market Value	Total Earnings		Yield 365 Eq
				Qtr -To-Date	Year -To-Date	
General Portfolio	76,699,701	76,710,722	76,738,438	134,436	254,475	0.68%
State Revolving Fund	2,106,457	2,106,457	2,106,457	1,391	2,426	0.25%
2008A Variable COPs	9,985,252	9,985,252	9,971,752	21,242	39,055	0.84%
2009A Fixed COPs	0	0	0	0	0	0.00%
2010A Fixed COPs	1,543,077	1,543,077	1,543,077	935	1,728	0.25%
2012A Fixed Rev Rfndg	47	47	47	0	49	0.25%
2014A Fixed Rev Rfndg	127	127	127	0	131	0.25%
Total	\$90,334,661	\$90,345,682	\$90,359,898	\$158,004	\$297,864	

Source of Market Value: Bank of New York

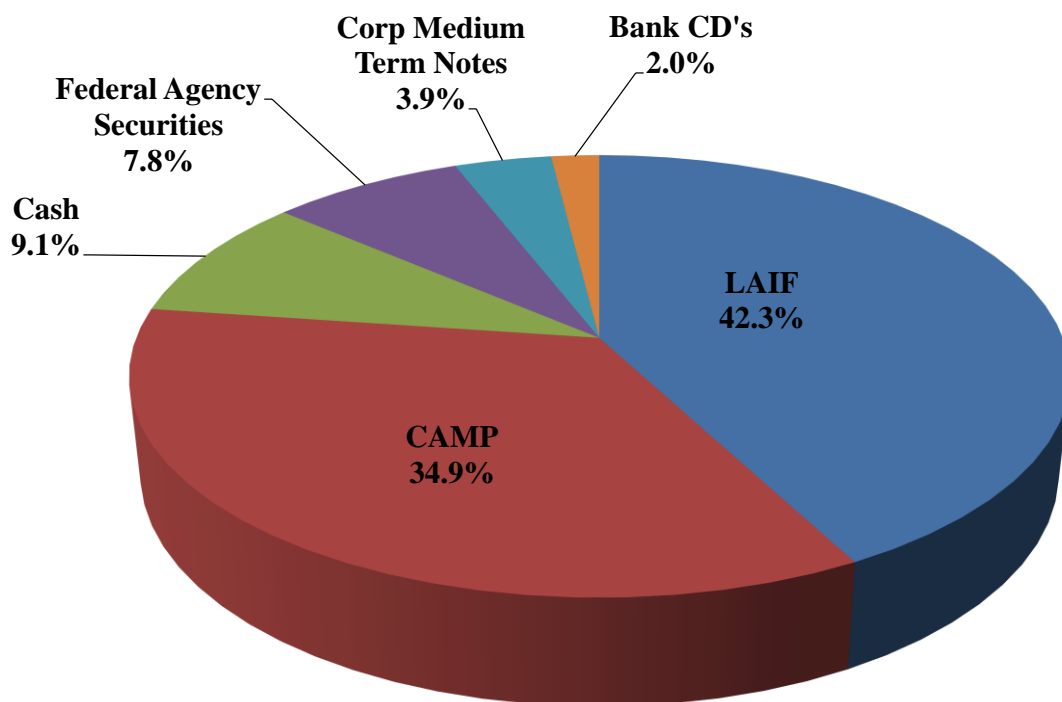
General Portfolio Composition:

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

General Portfolio Composition

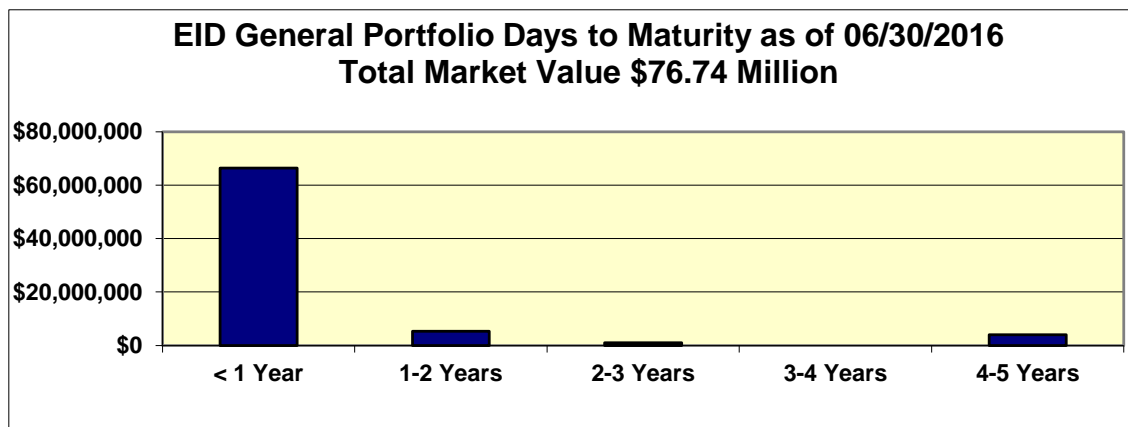
Market Value as of 06/30/2016 (Millions \$)	
LAIF	\$ 32.44
CAMP	26.80
Cash	6.97
Federal Agency Securities	6.00
Corp Medium Term Notes	3.02
Bank CD's	1.50
Total	\$ 76.74

**EID General Portfolio as of 06/30/2016
Total Market Value \$76.74 Million**



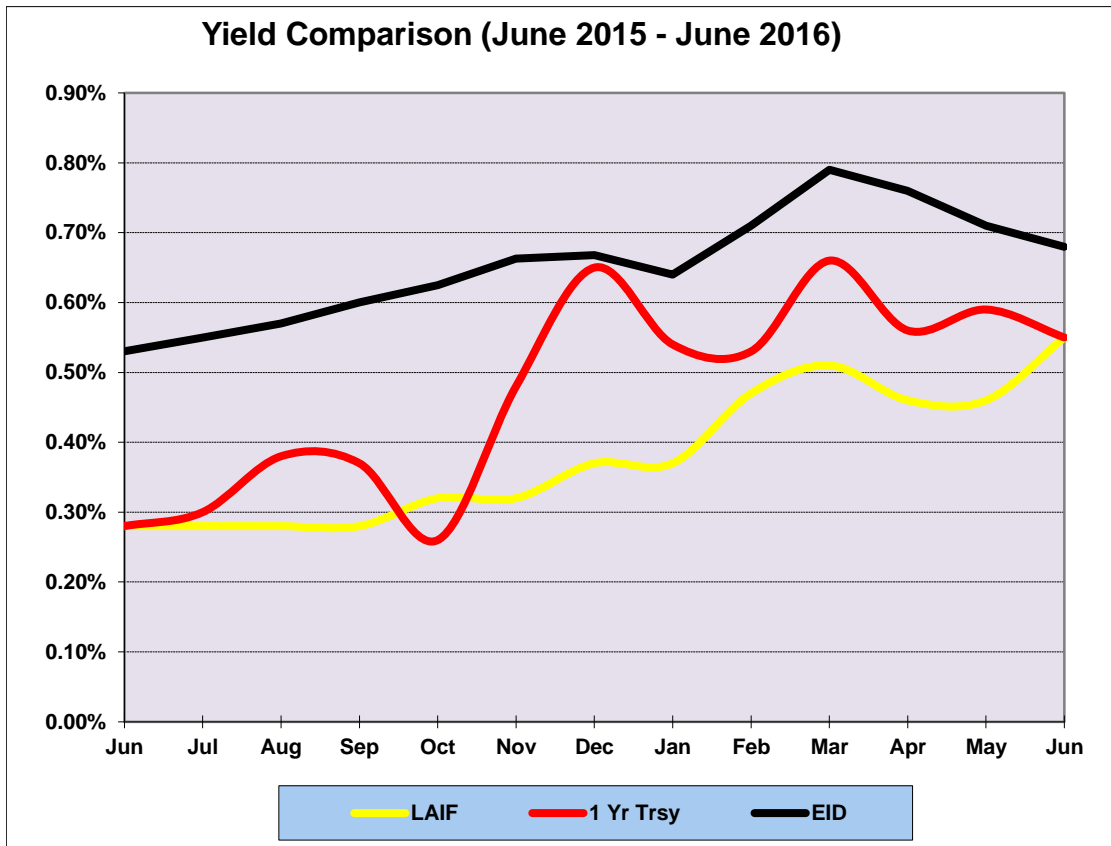
Maturity Schedule:

The District's General Portfolio's weighted average days-to-maturity is 150 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 yield continues to outpace the one-year Treasury Note; currently a 0.13 basis point spread.



ECONOMIC REVIEW

GDP

The U.S. economy expanded less than forecast in the second quarter after a weaker start to the year than previously estimated as companies slimmed down inventories and remained wary of investing amid shaky global demand. Gross domestic product (GDP) rose at a 1.2% annualized rate after a 0.8% advance the prior quarter. The median forecast of economists called for a 2.6% second-quarter increase.

The Commerce Department economic report raises the risk to the outlook at a time Federal Reserve policy makers are looking for sustained improvement. While consumers were resilient last quarter, businesses were cautious -- cutting back on investment and aggressively reducing stockpiles amid weak global markets, heightened uncertainty and the lingering drag from a stronger dollar.

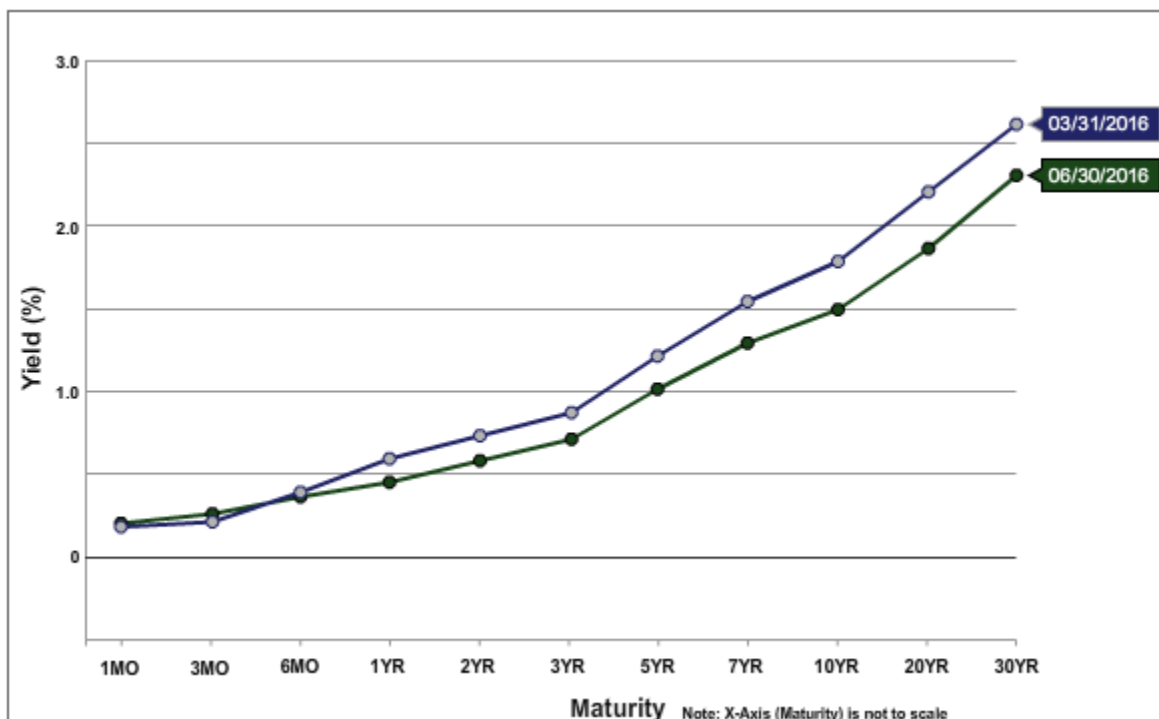
Financial Markets

The second quarter was marked by significant volatility as the UK voted to leave the European Union. Stock, bond and currency markets roiled, only to largely recover within a few days. After the dust settled, the S&P 500 was up 2.5% for the past three months.

The bond markets continued to rally during the quarter, especially as investors fled to safer assets in wake of the Brexit vote. For the quarter, investment grade corporate debt was up 3.6%, US government debt was up 2.2% and high yield debt was up 5.2%. These higher bond prices have pushed yields down yet again. Overseas central banks continue to be accommodative, lowering interest rates trying to grow their respective economies. This causes investors to buy US government debt, citing safety and higher returns than their own country's interest rates.

The 10-year treasury yield is currently between 1.3% and 1.4%; a 30 basis points drop from Q1 and 80 basis points drop from year-end 2015. In contrast, 66% of all government bonds around the world now pay less than 1%. And 29% pay less than zero due to negative interest rate policies in place by central banks in Japan and the European Union.

Treasury Yield Curve



ECONOMIC OUTLOOK

GDP

Looking ahead, the U.S. economy likely will maintain a moderate growth pace for the rest of the year. While the drop in inventories weighed on GDP growth last quarter, that is likely to provide a boost to output for the rest of the year. The Federal Reserve stated that near-term risks to the economic outlook had "diminished." Look for the economy to maintain roughly a 2.0% to 2.5% pace the last six months of the year. For the year as a whole, GDP is forecasted to grow about 1.5%, down from 2.4% in 2015.

Interest Rates

The vote by Britain to leave the European Union has completely changed the outlook for interest rates. Rates should stay low for an extended period of time as U.S. Treasury notes and bonds remain important safe haven investments in the face of uncertainty over growth in Europe and Japan, especially as their bond yields continue to dip into negative territory further and further out the yield curve. In fact, the Federal Reserve is likely not to raise interest rates at all this year as a result.

By the end of 2016, economists see the 10-year Treasury note rate at 1.4%, just slightly below where it is now. By the end of 2017, it should rise slightly to about 1.6%.

Board Decision/Options:

Option 1: Receive and file the Investment Report for the quarter ended June 30, 2016.

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

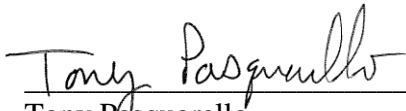
Option 3: Take no action.

Staff/General Manager’s Recommendation:

Option 1.

Support Documents Attached:

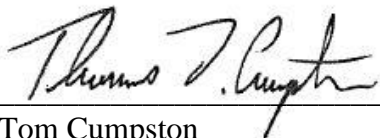
Attachment A: SymPro Portfolio Management Reports



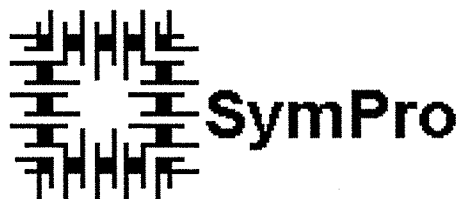
Tony Pasquarello
Accounting Manager



Mark T. Price
Finance Director - Treasurer



Tom Cumpston
Acting General Manager



**EID General Portfolio
Portfolio Management
Portfolio Summary
June 30, 2016**

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 - CAMP	26,803,728.51	26,803,728.51	26,803,728.51	38.44	1	1	0.503	0.510
Managed Pool Accounts - LAIF	32,436,462.35	32,436,462.35	32,436,462.35	46.51	1	1	0.542	0.550
Certificates of Deposit - Bank	1,485,281.08	1,499,636.83	1,485,281.08	2.13	1,050	659	1.296	1.313
Corporate Medium Term Notes	3,000,000.00	3,021,730.00	3,030,270.00	4.35	1,773	496	1.392	1.411
Federal Agency Coupon Securities	6,000,000.00	6,002,650.00	5,980,750.00	8.58	1,826	1,329	1.570	1.592
Investments	69,725,471.94	69,764,207.69	69,736,491.94	100.00%	257	150	0.668	0.678
Cash and Accrued Interest								
Passbook/Checking (not included in yield calculations)	6,974,229.54	6,974,229.54	6,974,229.54		1	1	0.000	0.000
Accrued Interest at Purchase		10,327.78	10,327.78					
Subtotal		6,984,557.32	6,984,557.32					
Total Cash and Investments	76,699,701.48	76,748,765.01	76,721,049.26		257	150	0.668	0.678

Total Earnings	June 30 Month Ending
Current Year	44,003.77
Average Daily Balance	73,224,593.60
Effective Rate of Return	0.73%

Tony Pasquarello, Deputy Treasurer

Reporting period 06/01/2016-06/30/2016

Run Date: 07/26/2016 - 14:12

No fiscal year history available

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

**EID General Portfolio
Portfolio Management
Portfolio Details - Investments
June 30, 2016**

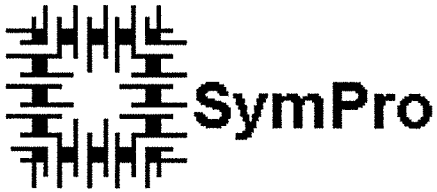
CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts - CAMP												
SYS10017	1001	California Asset Mgmt Program			26,803,728.51	26,803,728.51	26,803,728.51	0.510		0.510	1	
Subtotal and Average			24,093,956.64		26,803,728.51	26,803,728.51	26,803,728.51			0.510	1	
Managed Pool Accounts - LAIF												
SYS1000	1000	Local Agency Investment Fund			32,436,462.35	32,436,462.35	32,436,462.35	0.550		0.550	1	
Subtotal and Average			32,436,462.35		32,436,462.35	32,436,462.35	32,436,462.35			0.550	1	
Certificates of Deposit - Bank												
02006LUH4	10448	Ally Bank		09/30/2015	250,000.00	253,525.00	250,000.00	1.700		1.700	822	10/01/2018
SYS10469	10469	Bank of America		06/22/2016	235,281.08	235,281.08	235,281.08	0.030	A	0.030	21	07/22/2016
14042RAG6	10450	Capital One		09/30/2015	250,000.00	253,527.50	250,000.00	1.650		1.650	822	10/01/2018
140420VZ0	10451	Capital One		09/30/2015	250,000.00	253,527.50	250,000.00	1.650		1.650	822	10/01/2018
38148JP96	10445	Goldman Sachs Bank		09/30/2015	250,000.00	253,526.00	250,000.00	1.650		1.650	819	09/28/2018
48124JUS5	10347	JP Morgan		03/01/2013	250,000.00	250,249.75	250,000.00	1.125	A	1.125	608	03/01/2018
Subtotal and Average			1,485,281.08		1,485,281.08	1,499,636.83	1,485,281.08			1.313	659	
Corporate Medium Term Notes												
06406HCE7	10344	Bank of New York Western Trust		02/11/2013	1,000,000.00	1,003,490.00	997,500.00	1.300	A	1.352	573	01/25/2018
36962G6K5	10317	General Electric Capital Corp.		12/12/2012	1,000,000.00	1,008,920.00	1,006,640.00	1.600	AA	1.460	507	11/20/2017
48126EAA5	10336	JP Morgan		12/12/2012	1,000,000.00	1,009,320.00	1,026,130.00	2.000	A	1.420	410	08/15/2017
Subtotal and Average			3,030,270.00		3,000,000.00	3,021,730.00	3,030,270.00			1.411	496	
Federal Agency Coupon Securities												
313383BM2	10358	Federal Home Loan Bank		06/17/2013	1,000,000.00	998,650.00	988,750.00	1.050	AA	1.284	712	06/13/2018
3134G8PE3	10464	Federal Home Loan Mortg. Co.		03/30/2016	2,000,000.00	2,001,100.00	2,000,000.00	1.800	AA	1.800	1,733	03/30/2021
3136G1AZ2	10343	Federal National Mortgage Asso		01/30/2013	1,000,000.00	1,000,160.00	1,000,000.00	1.000	AA	1.000	578	01/30/2018
3135G0G56	10457	Federal National Mortgage Asso		11/25/2015	2,000,000.00	2,002,740.00	1,992,000.00	1.750	AAA	1.834	1,608	11/25/2020
Subtotal and Average			9,847,416.67		6,000,000.00	6,002,650.00	5,980,750.00			1.592	1,329	
Total and Average			73,224,593.60		69,725,471.94	69,764,207.69	69,736,491.94			0.678	150	

**EID General Portfolio
Portfolio Management
Portfolio Details - Cash
June 30, 2016**

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		01/01/2015	6,562,689.25	6,562,689.25	6,562,689.25		A	0.000	1
EDS CASH	10428	El Dorado Savings Bank		01/01/2015	411,540.29	411,540.29	411,540.29			0.000	1
Average Balance			0.00	Accrued Interest at Purchase		10,327.78	10,327.78				1
				Subtotal		6,984,557.32	6,984,557.32				
Total Cash and Investments			73,224,593.60			76,699,701.48	76,748,765.01	76,721,049.26		0.678	150

**EID General Portfolio
Portfolio Management
Activity By Type
June 1, 2016 through June 30, 2016**

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		0.510		3,010,108.83	0.00	
		Subtotal	23,793,619.68			3,010,108.83	0.00	26,803,728.51
Managed Pool Accounts - LAIF (Monthly Summary)								
		Subtotal	32,436,462.35					32,436,462.35
Cash and Equivalents (Monthly Summary)								
BOFA CASH	10412	Bank of America				4,681,760.42	0.00	
EDS CASH	10428	El Dorado Savings Bank				121,366.49	0.00	
		Subtotal	2,171,102.63			4,803,126.91	0.00	6,974,229.54
Certificates of Deposit - Bank								
SYS10467	10467	Bank of America		0.030	06/22/2016	0.00	235,281.08	
SYS10469	10469	Bank of America		0.030	06/22/2016	235,281.08	0.00	
		Subtotal	1,485,281.08			235,281.08	235,281.08	1,485,281.08
Corporate Medium Term Notes								
		Subtotal	3,030,270.00					3,030,270.00
Federal Agency Coupon Securities								
3130A5L98	10440	Federal Home Loan Bank		2.000	06/30/2016	0.00	2,000,000.00	
3136G2NQ6	10452	Federal National Mortgage Asso		1.750	06/30/2016	0.00	2,000,000.00	
		Subtotal	9,980,750.00			0.00	4,000,000.00	5,980,750.00
		Total	72,897,485.74			8,048,516.82	4,235,281.08	76,710,721.48



**EID General Portfolio
Accrued Interest
Sorted by Security Type - Issuer
June 1, 2016 - June 30, 2016**

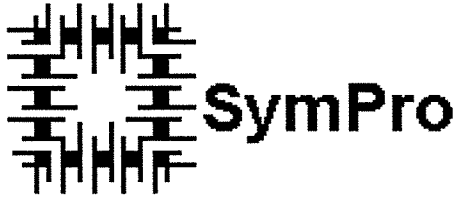
El Dorado Irrigation District
2890 Mosquito Road
Placerville, CA
(530)642-4019

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	26,803,728.51		0.510	9,134.19	0.00	10,099.66	10,108.83	9,125.02
		Subtotal	26,803,728.51			9,134.19	0.00	10,099.66	10,108.83	9,125.02
Managed Pool Accounts - LAIF										
SYS1000	1000	LA4	32,436,462.35		0.550	29,296.87	0.00	14,550.64	0.00	43,847.51
		Subtotal	32,436,462.35			29,296.87	0.00	14,550.64	0.00	43,847.51
Certificates of Deposit - Bank										
02006LUH4	10448	BCD	250,000.00	10/01/2018	1.700	733.56	0.00	349.31	0.00	1,082.87
SYS10467	10467	BCD	0.00	06/22/2016	0.030	1.76	0.00	4.12	5.89	-0.01
SYS10469	10469	BCD	235,281.08	07/22/2016	0.030	0.00	0.00	1.76	0.00	1.76
14042RAG6	10450	BCD	250,000.00	10/01/2018	1.650	711.99	0.00	339.04	0.00	1,051.03
140420VZ0	10451	BCD	250,000.00	10/01/2018	1.650	711.99	0.00	339.04	0.00	1,051.03
38148JP96	10445	BCD	250,000.00	09/28/2018	1.650	711.99	0.00	339.04	0.00	1,051.03
48124JUS5	10347	BCD	250,000.00	03/01/2018	1.125	701.19	0.00	231.17	708.90	223.46
		Subtotal	1,485,281.08			3,572.48	0.00	1,603.48	714.79	4,461.17
Corporate Medium Term Notes										
06406HCE7	10344	MTN	1,000,000.00	01/25/2018	1.300	4,550.00	0.00	1,083.33	0.00	5,633.33
36962G6K5	10317	MTN	1,000,000.00	11/20/2017	1.600	488.89	0.00	1,333.33	0.00	1,822.22
48126EAA5	10336	MTN	1,000,000.00	08/15/2017	2.000	5,888.89	0.00	1,666.67	0.00	7,555.56
		Subtotal	3,000,000.00			10,927.78	0.00	4,083.33	0.00	15,011.11
Federal Agency Coupon Securities										
313383BM2	10358	FAC	1,000,000.00	06/13/2018	1.050	4,900.00	0.00	875.00	5,250.00	525.00
3130A5L98	10440	FAC	0.00	06/30/2020	2.000	16,777.78	0.00	3,222.22	20,000.00	0.00
3134G8PE3	10464	FAC	2,000,000.00	03/30/2021	1.800	6,100.00	0.00	3,000.00	0.00	9,100.00
3136G1AZ2	10343	FAC	1,000,000.00	01/30/2018	1.000	3,361.11	0.00	833.33	0.00	4,194.44
3136G2NQ6	10452	FAC	0.00	09/30/2020	1.750	5,930.56	0.00	2,819.44	8,750.00	0.00
3135G0G56	10457	FAC	2,000,000.00	11/25/2020	1.750	583.33	0.00	2,916.67	0.00	3,500.00
		Subtotal	6,000,000.00			37,652.78	0.00	13,666.66	34,000.00	17,319.44
		Total	69,725,471.94			90,584.10	0.00	44,003.77	44,823.62	89,764.25

* 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
June 30, 2016**

	June 30 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	34,714.79	114,235.14
Plus Accrued Interest at End of Period	26,463.94	43,663.92
Less Accrued Interest at Beginning of Period	(41,825.26)	(36,076.27)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
	19,353.47	121,822.79
Interest Earned during Period	19,353.47	121,822.79
Adjusted by Capital Gains or Losses	0.00	0.00
	19,353.47	121,822.79
Earnings during Periods	19,353.47	121,822.79
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	10,108.83	118,833.37
Plus Accrued Interest at End of Period	52,972.53	52,972.54
Less Accrued Interest at Beginning of Period	(38,431.06)	(39,154.14)
	24,650.30	132,651.77
Interest Earned during Period	24,650.30	132,651.77
Total Interest Earned during Period	44,003.77	254,474.56
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	44,003.77	254,474.56



State Revolving Fund (SRF)
Portfolio Management
Portfolio Summary
June 30, 2016

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	2,106,457.20	2,106,457.20	2,106,457.20	100.00	1	1	0.247	0.250
Investments	2,106,457.20	2,106,457.20	2,106,457.20	100.00%	1	1	0.247	0.250

Total Earnings	June 30 Month Ending
Current Year	479.67
Average Daily Balance	2,334,487.91
Effective Rate of Return	0.25%

 Tony Pasquarello, Deputy Treasurer

Reporting period 06/01/2016-06/30/2016

Run Date: 07/25/2016 - 15:40

No fiscal year history available

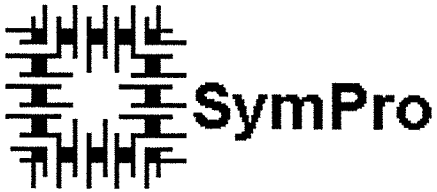
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**State Revolving Fund (SRF)
Portfolio Management
Portfolio Details - Investments
June 30, 2016**

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			25,400.59	25,400.59	25,400.59	0.250		0.250	1	
31617510S	10001	Fidelity Money Market			69,344.68	69,344.68	69,344.68	0.250		0.250	1	
31617510S	10002	Fidelity Money Market			26,206.11	26,206.11	26,206.11	0.250		0.250	1	
31617510S	10003	Fidelity Money Market			57,108.47	57,108.47	57,108.47	0.250		0.250	1	
31617510S	10004	Fidelity Money Market			25,583.01	25,583.01	25,583.01	0.250		0.250	1	
31617510S	10005	Fidelity Money Market			65,474.06	65,474.06	65,474.06	0.250		0.250	1	
31617510S	10006	Fidelity Money Market			31,553.64	31,553.64	31,553.64	0.250		0.250	1	
31617510S	10007	Fidelity Money Market			85,811.18	85,811.18	85,811.18	0.250		0.250	1	
31617510S	10008	Fidelity Money Market			97,658.89	97,658.89	97,658.89	0.250		0.250	1	
31617510S	10009	Fidelity Money Market			170,633.13	170,633.13	170,633.13	0.250		0.250	1	
31617510S	10010	Fidelity Money Market			37,084.52	37,084.52	37,084.52	0.250		0.250	1	
31617510S	10011	Fidelity Money Market			103,102.76	103,102.76	103,102.76	0.250		0.250	1	
31617510S	10012	Fidelity Money Market			21,938.84	21,938.84	21,938.84	0.250		0.250	1	
31617510S	10013	Fidelity Money Market			106,311.35	106,311.35	106,311.35	0.250		0.250	1	
31617510S	10014	Fidelity Money Market			30,596.71	30,596.71	30,596.71	0.250		0.250	1	
31617510S	10015	Fidelity Money Market			135,082.14	135,082.14	135,082.14	0.250		0.250	1	
31617510S	10016	Fidelity Money Market			240,050.17	240,050.17	240,050.17	0.250		0.250	1	
31617510S	10017	Fidelity Money Market			323,922.39	323,922.39	323,922.39	0.250		0.250	1	
31617510S	10018	Fidelity Money Market			174,482.27	174,482.27	174,482.27	0.250		0.250	1	
31617510S	10019	Fidelity Money Market			279,112.29	279,112.29	279,112.29	0.250		0.250	1	
		Subtotal and Average	2,334,487.91		2,106,457.20	2,106,457.20	2,106,457.20			0.250	1	
		Total and Average	2,334,487.91		2,106,457.20	2,106,457.20	2,106,457.20			0.250	1	

**State Revolving Fund (SRF)
Portfolio Management
Activity By Type
June 1, 2016 through June 30, 2016**

CUSIP	Investment #	Issuer	Beginning Balance	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Ending Balance
Money Market (Monthly Summary)								
31617510S	10000	Fidelity Money Market		0.250		8,451.88	25,329.56	
31617510S	10001	Fidelity Money Market		0.250		858.37	0.00	
31617510S	10002	Fidelity Money Market		0.250		6,703.67	20,086.68	
31617510S	10003	Fidelity Money Market		0.250		681.11	0.00	
31617510S	10004	Fidelity Money Market		0.250		7,898.95	23,671.47	
31617510S	10005	Fidelity Money Market		0.250		802.31	0.00	
31617510S	10006	Fidelity Money Market		0.250		10,714.17	32,109.89	
31617510S	10007	Fidelity Money Market		0.250		1,087.72	0.00	
31617510S	10008	Fidelity Money Market		0.250		35,913.34	107,635.72	
31617510S	10009	Fidelity Money Market		0.250		3,622.33	0.00	
31617510S	10010	Fidelity Money Market		0.250		18,369.57	55,063.28	
31617510S	10011	Fidelity Money Market		0.250		1,855.78	0.00	
31617510S	10012	Fidelity Money Market		0.250		10,308.72	30,899.71	
31617510S	10013	Fidelity Money Market		0.250		1,051.62	0.00	
31617510S	10014	Fidelity Money Market		0.250		20,729.79	62,144.45	
31617510S	10015	Fidelity Money Market		0.250		2,098.28	0.00	
31617510S	10016	Fidelity Money Market		0.250		60,970.37	182,717.82	
31617510S	10017	Fidelity Money Market		0.250		6,155.28	0.00	
31617510S	10018	Fidelity Money Market		0.250		62,241.02	0.00	
31617510S	10019	Fidelity Money Market		0.250		6,278.04	0.00	
		Subtotal	2,379,323.46			266,792.32	539,658.58	2,106,457.20
		Total	2,379,323.46			266,792.32	539,658.58	2,106,457.20



**State Revolving Fund (SRF)
Accrued Interest
Sorted by Security Type - Issuer
June 1, 2016 - June 30, 2016**

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	25,400.59		0.250	8.69	0.00	8.17	8.69	8.17
31617510S	10001	LA1	69,344.68		0.250	14.05	0.00	14.09	14.05	14.09
31617510S	10002	LA1	26,206.11		0.250	8.11	0.00	7.72	8.11	7.72
31617510S	10003	LA1	57,108.47		0.250	11.56	0.00	11.61	11.56	11.61
31617510S	10004	LA1	25,583.01		0.250	8.46	0.00	8.01	8.46	8.01
31617510S	10005	LA1	65,474.06		0.250	13.27	0.00	13.31	13.27	13.31
31617510S	10006	LA1	31,553.64		0.250	10.88	0.00	10.22	10.88	10.22
31617510S	10007	LA1	85,811.18		0.250	17.39	0.00	17.43	17.39	17.43
31617510S	10008	LA1	97,658.89		0.250	34.77	0.00	32.60	34.77	32.60
31617510S	10009	LA1	170,633.13		0.250	34.33	0.00	34.40	34.33	34.40
31617510S	10010	LA1	37,084.52		0.250	15.14	0.00	14.03	15.14	14.03
31617510S	10011	LA1	103,102.76		0.250	20.78	0.00	20.85	20.78	20.85
31617510S	10012	LA1	21,938.84		0.250	8.72	0.00	8.11	8.72	8.11
31617510S	10013	LA1	106,311.35		0.250	21.62	0.00	21.65	21.62	21.65
31617510S	10014	LA1	30,596.71		0.250	14.79	0.00	13.52	14.79	13.52
31617510S	10015	LA1	135,082.14		0.250	27.28	0.00	27.37	27.28	27.37
31617510S	10016	LA1	240,050.17		0.250	74.37	0.00	70.60	74.37	70.60
31617510S	10017	LA1	323,922.39		0.250	65.28	0.00	65.43	65.28	65.43
31617510S	10018	LA1	174,482.27		0.250	23.02	0.00	24.35	23.02	24.35
31617510S	10019	LA1	279,112.29		0.250	56.04	0.00	56.20	56.04	56.20
		Subtotal	2,106,457.20			488.55	0.00	479.67	488.55	479.67
		Total	2,106,457.20			488.55	0.00	479.67	488.55	479.67

* 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
June 30, 2016**

	June 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	488.55	2,063.85
Plus Accrued Interest at End of Period	479.67	479.67
Less Accrued Interest at Beginning of Period	(488.55)	(117.40)
	479.67	2,426.12
Interest Earned during Period	479.67	2,426.12
Total Interest Earned during Period	479.67	2,426.12
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	479.67	2,426.12

**2008A COPs VRDOs
Portfolio Management
Portfolio Summary
June 30, 2016**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Money Market	3,985,252.15	3,985,252.15	3,985,252.15	39.91	1	1	0.247	0.250
Federal Agency Coupon Securities	6,000,000.00	5,986,500.00	6,000,000.00	60.09	1,096	991	1.216	1.233
Investments	9,985,252.15	9,971,752.15	9,985,252.15	100.00%	659	596	0.829	0.841

Total Earnings	June 30 Month Ending
Current Year	7,127.59
Average Daily Balance	10,040,225.19
Effective Rate of Return	0.86%

Tony Pasquarello, Accounting Manager/Deputy Treasurer

**2008A COPs VRDOs
Portfolio Management
Portfolio Details - Investments
June 30, 2016**

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	10001	Fidelity Investments			48,171.19	48,171.19	48,171.19	0.250		0.250	1	
31617510S	10002	Fidelity Investments			3,937,080.96	3,937,080.96	3,937,080.96	0.250		0.250	1	
Subtotal and Average			3,973,558.53		3,985,252.15	3,985,252.15	3,985,252.15			0.250	1	
Federal Agency Coupon Securities												
3134G8QE2	10055	Federal Home Loan Mtg Corp		03/29/2016	2,000,000.00	2,000,000.00	2,000,000.00	1.300	AA	1.300	1,001	03/29/2019
3136G2SX6	10053	Federal National Mtg Assn		11/27/2015	2,000,000.00	1,986,500.00	2,000,000.00	1.200	AA	1.200	880	11/28/2018
3136G3UN3	10056	Federal National Mtg Assn		06/28/2016	2,000,000.00	2,000,000.00	2,000,000.00	1.200	AA	1.200	1,092	06/28/2019
Subtotal and Average			6,066,666.67		6,000,000.00	5,986,500.00	6,000,000.00			1.233	991	
Total and Average			10,040,225.19		9,985,252.15	9,971,752.15	9,985,252.15			0.841	596	

**2008A COPs VRDOs
Portfolio Management
Activity By Type
June 1, 2016 through June 30, 2016**

CUSIP	Investment #	Issuer	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Balance
Money Market (Monthly Summary)							
31617510S	10001	Fidelity Investments	0.250		13,321.13	33,803.46	
31617510S	10002	Fidelity Investments	0.250		808.75	808.75	
		Subtotal			14,129.88	34,612.21	3,985,252.15
Federal Agency Coupon Securities							
3134G6V26	10045	Federal Home Loan Mtg Corp	1.250	06/29/2016	0.00	2,000,000.00	
3136G3UN3	10056	Federal National Mtg Assn	1.200	06/28/2016	2,000,000.00	0.00	
		Subtotal			2,000,000.00	2,000,000.00	6,000,000.00
		Total			2,014,129.88	2,034,612.21	9,985,252.15

2008A COPs VRDOs
Accrued Interest
Sorted by Security Type - Issuer
June 1, 2016 - June 30, 2016

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	10001	LA1	48,171.19		0.250	12.38	0.00	7.50	12.38	7.50
31617510S	10002	LA1	3,937,080.96		0.250	808.75	0.00	808.99	808.75	808.99
		Subtotal	3,985,252.15			821.13	0.00	816.49	821.13	816.49
Federal Agency Coupon Securities										
3134G6V26	10045	FAC	0.00	06/29/2018	1.250	10,555.56	0.00	1,944.44	12,500.00	0.00
3134G8QE2	10055	FAC	2,000,000.00	03/29/2019	1.300	4,477.78	0.00	2,166.66	0.00	6,644.44
3136G2SX6	10053	FAC	2,000,000.00	11/28/2018	1.200	200.00	0.00	2,000.00	0.00	2,200.00
3136G3UN3	10056	FAC	2,000,000.00	06/28/2019	1.200	0.00	0.00	200.00	0.00	200.00
		Subtotal	6,000,000.00			15,233.34	0.00	6,311.10	12,500.00	9,044.44
		Total	9,985,252.15			16,054.47	0.00	7,127.59	13,321.13	9,860.93

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

Portfolio VAR8

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**2008A COPs VRDOs
Portfolio Management
Interest Earnings Summary
June 30, 2016**

	June 30 Month Ending	Fiscal Year To Date
CD/Coupon/Discount Investments:		
Interest Collected	12,500.00	37,816.67
Plus Accrued Interest at End of Period	9,044.44	9,044.44
Less Accrued Interest at Beginning of Period	(15,233.34)	(12,784.73)
Less Accrued Interest at Purchase During Period	(0.00)	(0.00)
Interest Earned during Period	6,311.10	34,076.38
Adjusted by Premiums and Discounts	0.00	0.00
Adjusted by Capital Gains or Losses	0.00	0.00
Earnings during Periods	6,311.10	34,076.38
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	821.13	4,374.88
Plus Accrued Interest at End of Period	816.49	816.49
Less Accrued Interest at Beginning of Period	(821.13)	(212.48)
Interest Earned during Period	816.49	4,978.89
Total Interest Earned during Period	7,127.59	39,055.27
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	7,127.59	39,055.27

**2010A Fixed Issue
Portfolio Management
Portfolio Summary
June 30, 2016**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	1,543,077.15	1,543,077.15	1,543,077.15	100.00	1	1	0.247	0.250
Investments	1,543,077.15	1,543,077.15	1,543,077.15	100.00%	1	1	0.247	0.250

Total Earnings	June 30 Month Ending
Current Year	317.06
Average Daily Balance	1,543,077.15
Effective Rate of Return	0.25%

Tony Pasquarello, Accounting Manager/Deputy Treasurer

Reporting period 06/01/2016-06/30/2016

Run Date: 07/25/2016 - 16:34

No fiscal year history available

Portfolio FIX0
AC
PM (PRF_PM1) 7.3.0
Report Ver. 7.3.5

**2010A Fixed Issue
Portfolio Management
Portfolio Details - Investments
June 30, 2016**

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		01/01/2015	43.93	43.93	43.93	0.230		0.230	1	
316175108S	10002	Fidelity Investments			1,543,033.22	1,543,033.22	1,543,033.22	0.250		0.250	1	
		Subtotal and Average	1,543,077.15		1,543,077.15	1,543,077.15	1,543,077.15			0.250	1	
		Total and Average	1,543,077.15		1,543,077.15	1,543,077.15	1,543,077.15			0.250	1	

**2010A Fixed Issue
Portfolio Management
Activity By Type
June 1, 2016 through June 30, 2016**

CUSIP	Investment #	Issuer	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Balance
Managed Pool Accounts (Monthly Summary)							
316175108S	10002	Fidelity Investments	0.250		316.88	0.00	
		Subtotal			316.88	0.00	1,543,077.15
		Total			316.88	0.00	1,543,077.15

**2010A Fixed Issue
Accrued Interest
Sorted by Security Type - Issuer
June 1, 2016 - June 30, 2016**

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	43.93		0.230	0.03	0.00	0.00	0.00	0.03
316175108S	10002	LA1	1,543,033.22		0.250	316.88	0.00	317.06	316.88	317.06
		Subtotal	1,543,077.15			316.91	0.00	317.06	316.88	317.09
		Total	1,543,077.15			316.91	0.00	317.06	316.88	317.09

* 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
June 30, 2016**

	June 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	316.88	1,492.61
Plus Accrued Interest at End of Period	317.09	317.09
Less Accrued Interest at Beginning of Period	(316.91)	(81.45)
Interest Earned during Period	317.06	1,728.25
Total Interest Earned during Period	317.06	1,728.25
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	317.06	1,728.25

**2012AB Fixed Issue
Portfolio Management
Portfolio Summary
June 30, 2016**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	47.27	47.27	47.27	100.00	1	1	0.227	0.230
Investments	47.27	47.27	47.27	100.00%	1	1	0.227	0.230

Total Earnings	June 30 Month Ending
Current Year	0.01
Average Daily Balance	47.27
Effective Rate of Return	0.26%

Tony Pasquarello, Deputy Treasurer

**2012AB Fixed Issue
Portfolio Management
Portfolio Details - Investments
June 30, 2016**

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			47.27	47.27	47.27	0.230	0.227	0.230	1	
		Subtotal and Average	47.27		47.27	47.27	47.27		0.227	0.230	1	
		Total and Average	47.27		47.27	47.27	47.27		0.227	0.230	1	

**2012AB Fixed Issue
Portfolio Management
Interest Earnings Summary
June 30, 2016**

	June 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	0.00	47.27
Plus Accrued Interest at End of Period	48.59	48.59
Less Accrued Interest at Beginning of Period	(48.58)	(47.27)
Interest Earned during Period	0.01	48.59
Total Interest Earned during Period	0.01	48.59
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	0.01	48.59

**2014A Fixed Issue
Portfolio Management
Portfolio Summary
June 30, 2016**

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	127.11	127.11	127.11	100.00	1	1	0.217	0.220
Investments	127.11	127.11	127.11	100.00%	1	1	0.217	0.220

Total Earnings	June 30 Month Ending
Current Year	0.02
Average Daily Balance	127.11
Effective Rate of Return	0.19%

Tony Pasquarello,

**2014A Fixed Issue
Portfolio Management
Portfolio Details - Investments
June 30, 2016**

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			127.11	127.11	127.11	0.220		0.220	1	
		Subtotal and Average	127.11		127.11	127.11	127.11			0.220	1	
		Total and Average	127.11		127.11	127.11	127.11			0.220	1	

**2014A Fixed Issue
Portfolio Management
Interest Earnings Summary
June 30, 2016**

	June 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	0.00	127.11
Plus Accrued Interest at End of Period	130.61	130.61
Less Accrued Interest at Beginning of Period	(130.59)	(127.11)
	<hr/>	<hr/>
Interest Earned during Period	0.02	130.61
Total Interest Earned during Period	0.02	130.61
Total Adjustments from Premiums and Discounts	0.00	0.00
Total Capital Gains or Losses	0.00	0.00
Total Earnings during Period	0.02	130.61

EL DORADO IRRIGATION DISTRICT

Subject: Funding approval for District Capital Improvement Plan (CIP) Projects.

Recent Board Action:

October 13, 2015 – The Board adopted the 2016-2020 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.

Staff Analysis/Evaluation:

The CIP projects identified in Table 1-1 on page 2 requires immediate funding.

Funding Source:

The primary funding source for the District CIP projects is listed in Table 1-1. Table 1-1 also lists the projects currently in progress and the amount of funding requested.

The CIP project descriptions for these projects are also attached for review. (Attachment A)

**Table 1-1
CIP Funding Request**

	Project Name and Number	2016-2020 CIP Plan¹	Funded to Date	Actual Costs to date²	Amount Requested	Funding Source
1.	FERC C37.7 Geomorphology Evaluation 06092H	\$113,059	\$94,276	\$48,362	\$10,000	53% Water FCC's 47% Water rates
2.	Project 184 SCADA System Hardware Replacement 14041	\$318,428	\$52,000	\$45,313	\$25,000	100% Water rates
	TOTAL FUNDING REQUEST				\$35,000	

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

² Actual costs include encumbrances.

The following section contains a brief breakdown and description of the projects in the table. For complete description of the CIP projects see Attachment A.

CIP Funding Request

Project No.	06092H	Board Date	8/8/2016
Project Name	FERC C37.7 Geomorphology Evaluation		
Project Manager	Deason		

Budget Status	\$	%
Funded to date	\$ 94,276	--
Spent to date	\$ 48,362	51%
Current Remaining	\$ 45,914	49%

Funding Request Breakdown	\$
Consulting services	\$ 5,000
Capitalized labor	\$ 5,000
Total	\$ 10,000

Funding Source
53% Water FCC's 47% Water rates

Description
<p>This project is a requirement of the FERC Project No. 184 license pursuant to United States Forest Service (USFS) Section 4(e) Condition No. 37, State Water Resources Control Board (SWRCB) Water Quality Certification Condition 13 and Section 7 of the Relicensing Settlement Agreement. Funding is requested to implement the Project No. 184 Geomorphology Continuing Evaluation of Representative Channel Areas Monitoring Plan (Plan) which requires geomorphology monitoring in stream reaches downstream of Project No. 184 reservoirs and facilities. Monitoring is required in years 5, 10, 15, 20, 25, and 30 as part of the Project 184 monitoring program. Funding is requested for professional services to complete the year 10 monitoring effort in 2016. Funding is also requested to cover staff time to manage the contract with consultant, review deliverables generated by consultant, and participate in the surveys. The data collected from this effort will be used to monitor channel cross-sections and properties at selected stream reaches to help determine if ecological resource objectives are achievable and being met. This monitoring effort will also provide information necessary for other Project No. 184 license requirements including 1) pulse flow requirements for Caples Creek, 2) Caples spillway channel stabilization plan (CIP# 06076H), and 3) Oyster Creek stabilization plan (CIP# 06019H).</p>

CIP Funding Request

Project No.	14041	Board Date	8/8/2016
Project Name	Project 184 SCADA System Hardware Replacement		
Project Manager	Strahan		

Budget Status	\$	%
Funded to date	\$ 52,000	--
Spent to date	\$ 45,313	87%
Current Remaining	\$ 6,687	13%

Funding Request Breakdown	\$
Materials	\$ 18,000
Capitalized labor	\$ 7,000
Total	\$ 25,000

Funding Source
100% Water rates

Description
This project is to replace end of life cycle SCADA Hardware, specifically the Moscad L RTUs and associated field devices. Replacement sites are: Alarms 3, 5, 12, 14, 18, 20, 22, 23 Spills 10, 20A, 20, 23, 27, 32, 37, 42, 44, 47C, Echo Lake, Silver Lake, Pyramid Creek, Forebay, EDPH, Caples Lake. This system has served the district well and is no longer supported. This CIP would slowly replace the existing system over 5 years. This funding request is for on-going material purchase and staff time.

Board Decisions/Options:

Option 1: Authorize funding for the CIP project as requested in the amount of \$35,000.

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

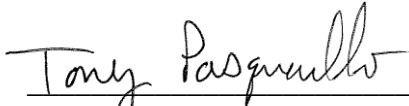
Option 3: Take no action.

Staff/General Manager Recommendation:

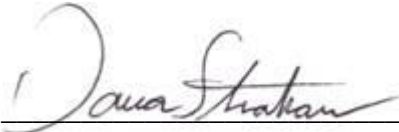
Option 1

Support Documents Attached:

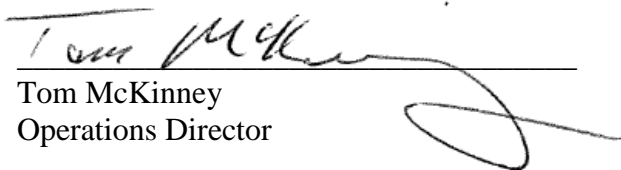
Attachment A: Capital Improvement Project Description and Justification.



Tony Pasquarello
Accounting Manager



Dana Strahan
Drinking Water Operations Manager



Tom McKinney
Operations Director



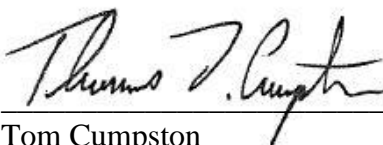
Dan Corcoran
Environmental Manager



Brian Mueller
Engineering Director



Mark Price
Finance Director (CFO)



Tom Cumpston
Acting General Manager

2016 CAPITAL IMPROVEMENT PLAN Program: FERC

Project Number: 06092H
 Project Name: FERC: C37.7 Geomorphology Evaluation
 Project Category: Regulatory Requirements
 Priority: 1 PM: Deason Board Approval: 10/13/15

Project Description:

Mandatory requirement of the FERC license. The objective of this monitoring effort is to monitor representative stream channel areas for comparison to the ecological resource objectives to help determine if ecological resource objectives are achievable and being met, as specified in the El Dorado Hydroelectric Project No. 184 Adaptive Management Program.

Basis for Priority:

If unfunded, EID would be out of compliance with the FERC license, Section 7 of the Settlement Agreement, USFS 4(e) conditions 37, and SWRCB Water Quality Certification condition 13.

Project Financial Summary:			
Funded to Date:	\$ 49,276	Expenditures through end of year:	\$ 48,059
Spent to Date:	\$ 48,059	2016 - 2020 Planned Expenditures:	\$ 65,000
Cash flow through end of year:	\$ -	Total Project Estimate:	\$ 113,059
Project Balance	\$ 1,217	Additional Funding Required	\$ 63,783

Description of Work	Estimated Annual Expenditures					Total
	2016	2017	2018	2019	2020	
Monitoring	\$ 40,000	\$ 10,000	\$ 10,000			\$ 60,000
Staff time	\$ 5,000					\$ 5,000
						\$ -
						\$ -
TOTAL	\$ 45,000	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ 65,000

Funding Sources	Percentage	2016	Amount
Water FCCs	53%		\$23,205
Water Rates	47%		\$20,578
			\$0
Total	100%		\$43,783

Funding Comments: Includes post-project monitoring in 2016, 2017, and 2018 for Oyster Creek Stabilization Plan 06019H and Caples Spillway Channel Stabilization Plan 06076H

2016

CAPITAL IMPROVEMENT PLAN Program:

Hydroelectric

Project Number: 14041
Project Name: Project 184 SCADA System Hardware Replacement
Project Category: Reliability & Service Level Improvements
Priority: 2 **PM:** Strahan **Board Approval:** 10/13/15

Project Description:

This project is to replace end of life cycle SCADA Hardware, specifically the Moscad L RTUs and level/flow measurement equipment. Replacement sites are: Alarms 3, 5, 12, 14, 18, 20, 22, 23 Spills 10, 20A, 20, 23, 27, 32, 37, 42, 44, 47C, Echo Lake, Silver Lake, Pyramid Creek, Forebay, EDPH, Caples Lake. This system has served the district well and is no longer supported. This CIP would slowly replace the existing system over multiple years.

Basis for Priority:

This equipment is at the end of its life cycle and warrants replacement to retain the reliability of the system. Additionally new replacement parts are not available due to obsolescence. This system cannot be support on a modern computer.

Project Financial Summary:			
Funded to Date:	\$ 27,000	Expenditures through end of year:	\$ 18,428
Spent to Date:	\$ 18,428	2016 - 2020 Planned Expenditures:	\$ 300,000
Cash flow through end of year:	\$ -	Total Project Estimate:	\$ 318,428
Project Balance	\$ 8,572	Additional Funding Required	\$ 291,428

Description of Work	Estimated Annual Expenditures					Total
	2016	2017	2018	2019	2020	
Design						\$ -
Construction	\$ 100,000	\$ 100,000	\$ 100,000			\$ 300,000
						\$ -
						\$ -
TOTAL	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 300,000

Funding Sources	Percentage	2016	Amount
Water Rates	100%		\$91,428
			\$0
			\$0
Total	100%		\$91,428

Funding Comments:

EL DORADO IRRIGATION DISTRICT

SUBJECT: Payment of Local Agency Formation Commission (LAFCO) Net Operating Expenses.

Previous Board Action:

August 25, 2008 - Board authorized payment of \$51,304.96 for 2008/2009 LAFCO Net Operating Expenses

August 24, 2009 - Board authorized payment of \$53,861.41 for 2009/2010 LAFCO Net Operating Expenses

August 9, 2010 - Board authorized payment of \$50,014.14 for 2010/2011 LAFCO Net Operating Expenses

August 11, 2014 - Board authorized payment of \$51,434.18 for 2014/2015 LAFCO Net Operating Expenses

August 10, 2015 - Board authorized payment of \$52,591.28 for 2015/2016 LAFCO Net Operating Expenses

November 9, 2015 - Board approved the 2015 - 2016 Mid-Cycle Operating Budget which included funding for LAFCO

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

Board Policy 3060, Contracts and Procurement, and AR 3061.04, Procurement and Contract Authority, stipulate that a single contract or commitment shall not exceed \$50,000.00 without approval by the Board of Directors.

Summary of Issue

This request is for Board consideration to approve the annual payment to LAFCO in the amount of \$63,034.71. Because the amount requested is over \$50,000, Board approval is required. The Board approved 2016 Operating Budget includes \$54,000 for LAFCO, which was the estimated fee for the 2015/2016 fiscal year.

Staff Analysis/Evaluation

Pursuant to the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000, and Government Code §56381, the El Dorado County Auditor has apportioned the fiscal year 2016/2017 net operating expenses of the LAFCO Commission. On March 23, 2016, the LAFCO Commission approved the final El Dorado County LAFCO budget for fiscal year 2016/2017. A copy of LAFCO's approved budget is attached as Attachment A. Under California State Law, LAFCO is partially funded by three categories of agencies: the county, cities and special districts. In counties where there is city and independent special district representation on the Commission, the county, cities, and independent special districts shall each provide a one-third share of the Commission's operational costs. The amount due is calculated as required by Government Code §56381. This code is attached as Attachment B.

The District's share of this cost is \$63,034.71. The invoice is attached as Attachment C.

Supporting documentation used to validate the revenue used in calculating the District's share of LAFCO's fiscal year 2016/2017 approved operating budget are attached as Attachments D and E. The payments made to LAFCO in 2011 – 2013 were less than \$50,000, and therefore not subject to Board action.

Board Decisions/Options

Option 1: Authorize payment of the invoice in the amount of \$63,034.71.

Option 2: Take other action designated by the Board.

Option 3: Take no action.

Staff / General Manager's Recommendation

Option 1

Support Documents Attached

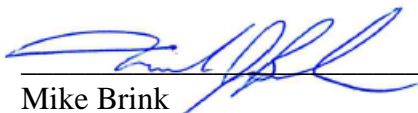
Attachment A: LAFCO fiscal year 2016/2017 approved operating budget

Attachment B: Government Code §56381

Attachment C: Invoice from El Dorado County Auditor-Controller

Attachment D: Estimate of County, City, and District share of LAFCO budget for FY 2016/2017

Attachment E: Data for LAFCO Fee Calculations. (Source; Special Districts Annual Report – Fiscal Year 2012-13)




Mike Brink
Supervising Civil Engineer



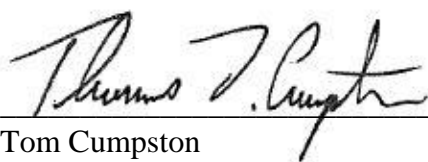
Brian Mueller
Engineering Director



Mark Price
Finance Director



Brian Poulson
Acting General Counsel



Tom Cumpston
Acting General Manager

EL DORADO LAFCO**APPROVED**

LOCAL AGENCY FORMATION COMMISSION

RESOLUTION NUMBER L-2016-02**Adoption of Final Budget Fiscal Year 2016-2017**

WHEREAS, Government Code §56381 specifies that, following a noticed public hearing, the Commission shall adopt annually a proposed budget by May 1, 2016 and a final budget by June 15, 2016; and

WHEREAS, on January 27, 2016, following a noticed public hearing, the Commission considered its budget priorities, a work plan and a draft proposed budget to fulfill the purposes and programs of the Cortese-Knox-Hertzberg Act of 2000, commencing with Government Code §56000 et seq.; and

WHEREAS, the proposed budget and work plan was adopted on January 27, 2016, and transmitted to all parties specified in Government Code §56381(a); and

WHEREAS, a hearing was set for March 23, 2016 for the Commission to receive comment from the agencies and the public on the proposed budget; and

WHEREAS, the Executive Officer has given notice of hearing in the form and manner specified in law for the adoption of the final budget; and

WHEREAS, on March 23, 2016, at the time and place specified in the Notice, the Commission heard, discussed and considered all oral and written testimony submitted on the budget, including but not limited to, the approved budget priorities and work plan for Fiscal Year 2016-2017 and the Executive Officer's report and recommendation; and

WHEREAS, after thorough consideration and deliberation, the Commission found that the reduced program costs will nevertheless allow the Commission to fulfill the purposes and programs of the Cortese-Knox-Hertzberg Act of 2000.

NOW, THEREFORE, BE IT RESOLVED AND ORDERED that the El Dorado Local Agency Formation Commission approves and adopts the final budget for Fiscal Year 2015-2016 as shown in Exhibit A, attached hereto and incorporated herein, and does further order and directs the following:

Section 1. The Executive Officer shall transmit the final budget to the County Auditor and all parties specified in Government Code §56381(a) as promptly as feasible.

Section 2. The El Dorado County Board of Supervisors shall transmit funds in the amount of \$73,141 to the Commission on July 1, 2016, sufficient to cover the first two months of operations as specified in Government Code §56381(c).

Section 3. The County Auditor shall apportion the budget as specified in Government Code §56381(b) and request payment from the County and each city and each independent special district no later than July 1, 2016 as specified in Government Code §56381(c).

APPROVED

Section 4. If the County, a city or an independent special district does not remit its required payment within 60 days, the County Auditor is requested to collect an equivalent amount from the property tax, or any fee or eligible revenue owed to the County, city or district as described in Government Code §56381(c).


PASSED AND ADOPTED by the El Dorado Local Agency Formation Commission at a regular meeting of said Commission, held on March 23, 2016 by the following vote:

	AYE	NO	ABSTAIN	ABSENT	NOT VOTING
Commissioner Acuna	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commissioner Anderly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commissioner Coco	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commissioner Frentzen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Commissioner Humphreys	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commissioner Sass	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commissioner Veerkamp	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alt. Commissioner Clerici	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alt. Commissioner Day	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alt. Commissioner Fleege	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alt. Commissioner Ranalli	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ATTEST:



José C. Henriquez, Executive Officer



Ken Humphreys, Chair

El Dorado LAFCO
Resolution L-2016-02
EXHIBIT A

APPROVED

PROPOSED BUDGET FY 2016-17					
Fund (or line item)	DESCRIPTION	Final FY 2015-16 LAFCO Budget	Line Item	Proposed FY 2016-17 LAFCO Budget	
4000	Fees	\$ 6,777	1	\$ 6,777	
4100	Fund Balance (carryover from prior year)	\$ 93,265	2	\$ 8,370	
4120	Revenue - Agency Payments	\$ 364,855	3	\$ 423,501	
4700	Revenue Interest	\$ 200	4	\$ 200	
(5)	Sub-Total - Revenues	\$ 465,097	5	\$ 438,848	
5200	Employee Wage - Regular	\$ 204,826	6	\$ 193,759	
5230	Employee Wage - Overtime	\$ 1,353	7	\$ 1,447	
5310	Flex Benefits	\$ 6,000	8	\$ 6,000	
5311	Employee Assistance	\$ 408	9	\$ 367	
5320	Health Insurance (Less In Lieu)	\$ 67,305	10	\$ 49,679	
5340	Retirement - CALPERS	\$ 33,433	11	\$ 33,865	
5400	Payroll Tax - Medicare (1.45% of Base)	\$ 2,970	13	\$ 2,810	
5420	Payroll Tax - SUI/ETT	\$ 1,300	14	\$ 1,300	
5440	Disability Insurance (.53% of Base)	\$ 1,086	15	\$ 1,027	
6800	Accrued Leave	\$ 25,785	15	\$ 28,466	
5100	Sub-Total Employee Expenses	\$ 344,466	16	\$ 318,719	
5450	Workers Comp Insurance	\$ 800	17	\$ 1,001	
5460	General Liability Insurance	\$ 14,000	18	\$ 15,183	
6000	Information Services	\$ 11,014	19	\$ 12,787	
6010	County Clerk Fee	\$ 250	20	\$ 250	
6020	Accounting Services	\$ 4,777	21	\$ 3,738	
6030	Annual Audit	\$ 8,050	22	\$ 8,209	
6040	Cell & Telephone Services	\$ 3,840	23	\$ 3,960	
6050	Copies	\$ 476	24	\$ 564	
6060	GIS Maps	\$ 360	25	\$ 360	
6070	Lease Payment - Building	\$ 21,028	26	\$ 21,574	
6080	Legal Notices	\$ 398	27	\$ 272	
6090	Legal Services	\$ 20,000	28	\$ 17,000	
6100	Memberships	\$ 1,348	29	\$ 1,572	
6105	Memberships - CALAFCO	\$ 2,381	30	\$ 2,548	
6210	Office Expense	\$ 2,610	31	\$ 2,000	
6400	Postage	\$ 1,069	32	\$ 1,000	
6600	Publications	\$ 425	35	\$ 477	
6700	Rental Vehicles	\$ -	37	\$ 200	
6705	Rents/Lease - Equipment	\$ 2,675	36	\$ 2,585	
6750	Staff Development (incl. Commissioner Development)	\$ 7,520	37	\$ 7,590	
6770	Transportation	\$ 6,844	38	\$ 6,338	
(44)	Sub-Total Operating Expense	\$ 109,665	39	\$ 109,208	
6300	Operating Contingency (10% of operating expenses)	\$ 10,967	40	\$ 10,921	
(46)	BUDGET TOTAL	\$ 465,097	41	\$ 438,848	
Disclosures related to but not part of the budget					
		\$ 19,359.74		\$ 19,359.74	
		\$ 36,266.00		\$ 2,661.00	

56381. (a) The commission shall adopt annually, following noticed public hearings, a proposed budget by May 1 and final budget by June 15. At a minimum, the proposed and final budget shall be equal to the budget adopted for the previous fiscal year unless the commission finds that reduced staffing or program costs will nevertheless allow the commission to fulfill the purposes and programs of this chapter. The commission shall transmit its proposed and final budgets to the board of supervisors, to each city, and to each independent special district.

(b) After public hearings, consideration of comments, and adoption of a final budget by the commission pursuant to subdivision (a), the auditor shall apportion the net operating expenses of a commission in the following manner:

(1) (A) In counties in which there is city and independent special district representation on the commission, the county, cities, and independent special districts shall each provide a one-third share of the commission's operational costs.

(B) The cities' share shall be apportioned in proportion to each city's total revenues, as reported in the most recent edition of the Cities Annual Report published by the Controller, as a percentage of the combined city revenues within a county, or by an alternative method approved by a majority of cities representing the majority of the combined cities' populations.

(C) The independent special districts' share shall be apportioned in proportion to each district's total revenues as a percentage of the combined total district revenues within a county. Except as provided in subparagraph (D), an independent special district's total revenue shall be calculated for nonenterprise activities as total revenues for general purpose transactions less intergovernmental revenue and for enterprise activities as total operating and nonoperating revenues less intergovernmental revenue, as reported in the most recent edition of the "Special Districts Annual Report" published by the Controller, or by an alternative method approved by a majority of the agencies, representing a majority of their combined populations. For the purposes of fulfilling the requirement of this section, a multicounty independent special district shall be required to pay its apportionment in its principal county. It is the intent of the Legislature that no single

district or class or type of district shall bear a disproportionate amount of the district share of costs.

(D) (i) For purposes of apportioning costs to a health care district formed pursuant to Division 23 (commencing with Section 32000) of the Health and Safety Code that operates a hospital, a health care district's share, except as provided in clauses (ii) and (iii), shall be apportioned in proportion to each district's net from operations as reported in the most recent edition of the hospital financial disclosure report form published by the Office of Statewide Health Planning and Development, as a percentage of the combined independent special districts' net operating revenues within a county.

(ii) A health care district for which net from operations is a negative number may not be apportioned any share of the commission's operational costs until the fiscal year following positive net from operations, as reported in the most recent edition of the hospital financial disclosure report form published by the Office of Statewide Health Planning and Development.

(iii) A health care district that has filed and is operating under public entity bankruptcy pursuant to federal bankruptcy law, shall not be apportioned any share of the commission's operational costs until the fiscal year following its discharge from bankruptcy.

(iv) As used in this subparagraph "net from operations" means total operating revenue less total operating expenses.

(E) Notwithstanding the requirements of subparagraph (C), the independent special districts' share may be apportioned by an alternative method approved by a majority of the districts, representing a majority of the combined populations. However, in no event shall an individual district's apportionment exceed the amount that would be calculated pursuant to subparagraphs (C) and (D), or in excess of 50 percent of the total independent special districts' share, without the consent of that district.

(F) Notwithstanding the requirements of subparagraph (C), no independent special district shall be apportioned a share of more than 50 percent of the total independent special districts' share of the commission's operational costs, without the consent of the district as otherwise provided in this section. In those counties in which a district's share is limited to 50 percent of the total

independent special districts' share of the commission's operational costs, the share of the remaining districts shall be increased on a proportional basis so that the total amount for all districts equals the share apportioned by the auditor to independent special districts.

(2) In counties in which there is no independent special district representation on the commission, the county and its cities shall each provide a one-half share of the commission's operational costs. The cities' share shall be apportioned in the manner described in paragraph (1).

(3) In counties in which there are no cities, the county and its special districts shall each provide a one-half share of the commission's operational costs. The independent special districts' share shall be apportioned in the manner described for cities' apportionment in paragraph (1). If there is no independent special district representation on the commission, the county shall pay all of the commission's operational costs.

(4) Instead of determining apportionment pursuant to paragraph (1), (2), or (3), any alternative method of apportionment of the net operating expenses of the commission may be used if approved by a majority vote of each of the following: the board of supervisors; a majority of the cities representing a majority of the total population of cities in the county; and the independent special districts representing a majority of the combined total population of independent special districts in the county. However, in no event shall an individual district's apportionment exceed the amount that would be calculated pursuant to subparagraphs (C) and (D) of paragraph (1), or in excess of 50 percent of the total independent special districts' share, without the consent of that district.

(c) After apportioning the costs as required in subdivision (b), the auditor shall request payment from the board of supervisors and from each city and each independent special district no later than July 1 of each year for the amount that entity owes and the actual administrative costs incurred by the auditor in apportioning costs and requesting payment from each entity. If the county, a city, or an independent special district does not remit its required payment within 60 days, the commission may determine an appropriate method of collecting the required payment, including a request to the auditor to collect an equivalent amount from the property

tax, or any fee or eligible revenue owed to the county, city, or district. The auditor shall provide written notice to the county, city, or district prior to appropriating a share of the property tax or other revenue to the commission for the payment due the commission pursuant to this section. Any expenses incurred by the commission or the auditor in collecting late payments or successfully challenging nonpayment shall be added to the payment owed to the commission. Between the beginning of the fiscal year and the time the auditor receives payment from each affected city and district, the board of supervisors shall transmit funds to the commission sufficient to cover the first two months of the commission's operating expenses as specified by the commission. When the city and district payments are received by the commission, the county's portion of the commission's annual operating expenses shall be credited with funds already received from the county. If, at the end of the fiscal year, the commission has funds in excess of what it needs, the commission may retain those funds and calculate them into the following fiscal year's budget. If, during the fiscal year, the commission is without adequate funds to operate, the board of supervisors may loan the commission funds. The commission shall appropriate sufficient funds in its budget for the subsequent fiscal year to repay the loan.

56381.6. (a) Notwithstanding the provisions of Section 56381, for counties whose membership on the commission is established pursuant to Sections 56326, 56326.5, 56327, or 56328, the commission's annual operational costs shall be apportioned among the classes of public agencies that select members on the commission in proportion to the number of members selected by each class. The classes of public agencies that may be represented on the commission are the county, the cities, and independent special districts. Any alternative cost apportionment procedure may be adopted by the commission, subject to a majority affirmative vote of the commission that includes the affirmative vote of at least one of the members selected by the county, one of the members selected by the cities, and one of the members selected by districts, if special districts are represented on the commission.

(b) Allocation of costs among individual cities and independent special districts and remittance of payments shall be in accordance with the procedures of Section 56381. Notwithstanding Section 56381, any city that has permanent membership on the commission pursuant to Sections 56326, 56326.5, 56327, or 56328 shall be apportioned the same percentage of the commission's annual operational costs as its permanent member bears to the total membership of the commission, excluding any public members selected by all the members. The balance of the cities' portion of the commission's annual operational costs shall be apportioned to the remaining cities in the county in accordance with the procedures of Section 56381.



County of El Dorado
OFFICE OF AUDITOR-CONTROLLER

360 FAIR LANE
PLACERVILLE, CALIFORNIA 95667
Phone: (530) 621-5487 FAX: (530) 295-2535

Attachment C

JOE HARN, CPA
Auditor-Controller

BOB TOSCANO
Assistant Auditor-Controller

Date: June 15, 2016

To: **El Dorado Irrigation District**

From: Marsha Tover, Accountant II

RE: **IMPORTANT -- Invoice for 2016/2017 LAFCO Net Operating Expenses -- IMPORTANT**

INVOICE - PAYMENT DUE BY AUGUST 30, 2016

Pursuant to the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 and Government Code §56381, the El Dorado County Auditor has apportioned the FY2016/17 net operating expenses of the LAFCO commission. Your city or independent special district's share of this cost is **\$63,034.71**. Pursuant to Government Code §56381, your city/district is required to remit payment within 60 days of July 1. 60 days from July 1 is August 30, 2016. There is **NO** statutory provision to abate small amounts or penalties.

Pursuant to GC§56381(c), if payment isn't received within the allotted time period, the LAFCO commission has authorized the El Dorado County Auditor to collect an equivalent amount from property tax, or any fee or eligible revenue, owed to the city/district. If this occurs, the auditor shall provide written notice to the city/district prior to appropriating a share of the property tax or other revenue. **Important: Please note that GC§56381(c) requires that any expenses incurred by LAFCO or the Auditor in collecting late payments shall be added to the amount appropriated.**

If the city/district banks with the county you **must** authorize a Journal Entry (JE) to be prepared to credit the money to LAFCO. To do so, complete the index code, sub-object, amount, and description in the shaded boxes on **line 1** of the attached JE; have it appropriately authorized; and return it with a copy of the letter by August 30, 2016 to the address below. Do **NOT** fill out lines 2 or 3 (the auditor will complete lines 2 and 3 to determine where the money is to be distributed). Signature(s) (as per your district's signature sheet), may be put in the signature area and/or the body of the form.

If the city/district doesn't bank with the county please remit a check payable to the El Dorado County Auditor-Controller for **\$63,034.71** and send by August 30, 2016 to:

El Dorado County Auditor-Controller
Attn: Marsha Tover
360 Fair Lane
Placerville, CA 95667

If you have any questions, please contact me at (530) 621-5472.

Enclosure
Cc:LAFCO FY 2016/17 File

FY 2016 / 2017

JOURNAL ENTRY

AUDITOR / CONTROLLER'S USE	
JOURNAL #	201700
DATE	
CODE BY	M. TOVER
OVER \$10,000 REVIEWED BY	

Marsha Tover Ext 5472

JOURNAL ENTRY PREPARED BY: AND PHONE NUMBER (REQUIRED)

District's Authorization

TO BE COMPLETED BY THE DEPARTMENT	
DOCUMENT TOTAL	
NUMBER OF LINES	3
TRANSACTION CODE TOTAL *	1255
DATE	06/15/16

A JOURNAL ENTRY MUST BE AT LEAST TWO LINES, NOT EXCEED TWENTY SIX LINES, AND USE AN "ODD AND EVEN" NUMBERED TRANSACTION CODE. TRUST FUND TRANSACTIONS MUST USE A 7 DIGIT INDEX CODE. REVENUE SUB OBJECTS ARE: 0100 THRU 2100. EXPENDITURE SUB OBJECTS ARE: 3000 THRU 9011. THE FOLLOWING TRANSACTION CODES DO NOT ALLOW GENERAL LEDGER ENTRIES.

* 401 = DECREASE CASH IN A TRUST FUND
* 402 = INCREASE CASH IN A TRUST FUND

* 411 = DECREASE IN REVENUE
* 412 = INCREASE IN REVENUE

* 431 = INCREASE EXPENDITURES
* 432 = DECREASE EXPENDITURES

S F X	TRANS CODE NO. *	(R)	INDEX CODE NUMBER	SUB OBJECT NUMBER	USER CODE NUMBER	AMOUNT	GENERAL LEDGER	DESCRIPTION (50 CHARACTERS MAX.)
1	431					63,034.71		
2	412		861100	1200				FY 16/17 LAFCO BILLING GC56381- EID
3	412		031000	1320				FY 16/17 LAFCO BILLING GC56381- S
4								
5								
6								
7								
8								
9								
10								

11 **This Journal Entry must be signed by the number of people required on the authorization sheet filed with the county**

12 **This Journal Entry must be received by August 30, 2016 to be processed without a late fee**

13 **Please return this JE to Marsha Tover at El Dorado County in the Auditor's Office for processing**

DETAILED DESCRIPTION Pursuant to the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 and Government Code 56381 the Auditor is charged to collect the net operating expenses of the LAFCO commission for the FY 2016/17. This JE is apportioning the specific share for this Special District.

ESTIMATE OF COUNTY, CITY, DISTRICT SHARE OF LAFCO BUDGET FOR FY 2016 / 2017

Prepared by Marsha Tover
07/26/16
LAFCO GC56381 - June 2016 Billing.xlsx

District Name (as identified by SCO)	County = A City = B ISD = C	District Type Code** as per State	Revenue *** 2015/16 FY Only	Crsstf	2015/16 FY Only	Chng Btwn Fiscal Yr's	Separate Revenue City vs. ISD		Percent Share Within Type		Share of Required Amount			Share of 16/17 Budget
							Cities	ISD	Cities	ISD	County 33.34%	Cities 33.33%	ISD 33.33%	
*County General Government	A	Cnty	n/a	-	n/a									
Arroyo Vista CSD	C	5.1	19,435	-	11,920	63%	19,435		0.011714%	33.34%		0.003904%	16.53	
Audubon Hills CSD	C	5.1	38,605	-	40,161	-4%	38,605		0.023269%			0.007756%	32.85	
Cameron Estates CSD	C	5.1	162,704	-	171,215	-5%	162,704		0.098069%			0.032686%	138.43	
Cameron Park Airport District (Table 2) combine	C	2.1	426,659	-	387,374	10%	426,659		0.257166%			0.085713%	363.00	
Cameron Park Airport District - Sts & Rds (Table 10)	C	2.1	-	-	-	#DIV/0!	-		0.000000%			0.000000%	-	
Cameron Park CSD	C	5.1	-	-	-		-		0.000000%			0.000000%	-	
Cameron Park CSD Lighting Maintenance	C	5.1	2,037	-	39,947	-95%	2,037		0.001228%			0.000409%	1.73	
Cameron Park CSD FP	C	5.1	4,479,039	-	4,602,616	-3%	4,479,039		2.699707%			0.899812%	3,810.71	
Cameron Park CSD Park & Rec (Table 10 & 11 & 12)	C	5.1	1,354,856	-	867,799	56%	1,354,856		0.816629%			0.272182%	1,152.69	
City of Placerville	B	City	19,802,737	-	20,918,643	-5%	19,802,737	20.8381%		6.9453%			29,413.51	
City of South Lake Tahoe	B	City	75,228,887	-	59,909,958	26%	75,228,887	79.1620%		26.3847%			111,739.38	
Connie Lane CSD	C	5.1	9,299	-	9,625	-3%	9,299		0.005605%			0.001868%	7.91	
Cosumnes River CSD	C	5.1	37,200	-	37,110	0%	37,200		0.022422%			0.007473%	31.65	
Diamond Springs/EI Dorado Fire Protection District	C	7	3,090,863	-	3,143,522	-2%	3,090,863		1.862995%			0.620936%	2,629.67	
East China Hill CSD	C	5.1	13,141	-	13,809	-5%	13,141		0.007921%			0.002640%	11.18	
El Dorado County Fire Protection Dist	C	7	8,892,413	-	8,369,110	6%	8,892,413		5.359836%			1.786433%	7,565.56	
El Dorado County Resource Conservation District	C	36.1	7,535	-	9,260	-19%	7,535		0.004542%			0.001514%	6.41	
El Dorado Hills CSD - Lighting Maintenance	C	5.1	-	-	-	#DIV/0!	-		0.000000%			0.000000%	-	
El Dorado Hills CSD - Rec & Park (Table 10 & 11 & 12)	C	5.1	11,315,081	-	9,218,830	23%	11,315,081		6.820081%			2.273133%	9,626.74	
El Dorado Hills CSD - Government Services	C	5.1	-	-	-	#DIV/0!	-		0.000000%			0.000000%	-	
El Dorado Hills County Water District - Fire Protec	C	7	13,938,491	-	13,200,952	6%	13,938,491		8.401322%			2.800161%	11,858.71	
El Dorado Irrigation District	C	52	-	-	-	#DIV/0!	-		0.000000%			0.000000%	-	
El Dorado Irrigation District - Electric (Table 3)	C	52	7,908,085	-	6,788,053	17%	7,908,085		4.766539%			1.588687%	6,728.11	
El Dorado Irrigation District - Waste (Table 7)	C	52	26,182,716	-	24,954,988	5%	26,182,716		15.781431%			5.259952%	22,275.95	
El Dorado Irrigation District - Water (Table 8)	C	52	39,646,377	-	34,134,805	16%	39,646,377		23.896559%			7.964723%	33,730.88	
Fallen Leaf Lake Community Services District - Fire	C	5.1	303,881	-	273,230	11%	303,881		0.183162%			0.061048%	258.54	
Fallen Leaf Lake Community Services District - R&P	C	5.1	121,337	-	147,884	-18%	121,337		0.073133%			0.024376%	103.23	
Garden Valley Fire Protection District	C	7	614,340	-	664,658	-8%	614,340		0.370289%			0.123417%	522.67	
Garden Valley Ranch Estates CSD	C	5.1	39,975	-	41,733	-4%	39,975		0.024095%			0.008031%	34.01	
Georgetown Divide PUD - Waste (Table 7)	C	40.1	341,395	-	353,707	-3%	341,395		0.205773%			0.068584%	290.45	
Georgetown Divide PUD - Water (Table 8)	C	40.1	3,471,994	-	3,584,838	-3%	3,471,994		2.092719%			0.697503%	2,953.93	
Georgetown Divide Recreation District	C	27.1	344,789	-	334,577	3%	344,789		0.207819%			0.069266%	293.34	
Georgetown Divide Resource Conservation District	C	36.1	942	-	644	46%	942		0.000568%			0.000189%	0.80	
Georgetown Fire Protection District	C	7	893,621	-	847,753	5%	893,621		0.538623%			0.179523%	760.28	
Golden West CSD - Streets	C	5.1	117,493	-	122,955	-4%	117,493		0.070818%			0.023604%	99.96	
Greenstone Country CSD - Streets	C	5.1	188,244	-	197,373	-5%	188,244		0.113463%			0.037817%	160.16	
Grizzly Flats CSD - Water (Table 8)	C	5.1	513,151	-	507,397	1%	513,151		0.309298%			0.103089%	436.58	
Happy Homestead Cemetery District	C	4	337,585	-	250,897	35%	337,585		0.203477%			0.067819%	287.21	
Hickok Road CSD	C	5.1	18,241	-	18,766	-3%	18,241		0.010995%			0.003665%	15.52	
Hillwood CSD	C	5.1	46,409	-	50,771	-9%	46,409		0.027973%			0.009323%	39.48	
Holiday Lake CSD	C	5.1	13,458	-	13,802	-2%	13,458		0.008112%			0.002704%	11.45	
Kelsey Cemetery District	C	4	3,189	-	4,834	-34%	3,189		0.001922%			0.000641%	2.71	
Kirkwood Meadows PUD (Alpine County)	C	(X)	-	-	-		-		0.000000%			0.000000%	-	
Knolls CSD	C	5.1	13,672	-	13,666	0%	13,672		0.008241%			0.002747%	11.63	
Lake Valley Fire Protection District	C	7	6,339,775	-	6,134,844	3%	6,339,775		3.821252%			1.273623%	5,393.81	
Lakeview CSD	C	5.1	17,583	-	17,595	0%	17,583		0.010598%			0.003532%	14.96	
Latrobe Fire Protection District Moved to EDH Fire	C	7	-	-	-	#DIV/0!	-		0.000000%			0.000000%	-	
Marble Mountain Homeowners CSD	C	5.1	36,076	-	37,373	-3%	36,076		0.021745%			0.007248%	30.70	
McKinney Water District (Placer County)	C	(Y)	-	-	-		-		0.000000%			0.000000%	-	
Meeks Bay Fire Protection District	C	7	1,389,387	-	1,268,849	9%	1,389,387		0.837443%			0.279120%	1,182.08	
Mortara Circle CSD	C	5.1	15,253	-	14,759	3%	15,253		0.009194%			0.003064%	12.98	
Mosquito Fire Protection District	C	7	399,309	-	344,524	16%	399,309		0.240681%			0.080219%	339.73	
Nashville Trail CSD	C	5.1	21,800	-	23,470	-7%	21,800		0.013140%			0.004380%	18.55	
Pioneer Fire Protection District	C	7	916,233	-	966,633	-5%	916,233		0.552253%			0.184066%	779.52	
Rescue Fire Protection District	C	7	1,385,373	-	1,244,414	11%	1,385,373		0.835023%			0.278313%	1,178.66	
Rising Hill Road CSD	C	5.1	44,432	-	44,894	-1%	44,432		0.026781%			0.008926%	37.80	
Showcase Ranches CSD	C	5.1	33,304	-	58,623	-43%	33,304		0.020074%			0.006691%	28.34	
Sierra Oaks CSD	C	5.1	5,559	-	5,809	-4%	5,559		0.003351%			0.001117%	4.73	
South Tahoe PUD - Waste (Table 7)	C	40.1	19,557,085	-	18,223,322	7%	19,557,085		11.787887%			3.928903%	16,638.94	
South Tahoe PUD - Water (Table 8)	C	40.1	10,506,326	-	10,756,239	-2%	10,506,326		6.332610%			2.119559%	8,938.66	
Rolling Hills CSD was Springfield Meadows CSD	C	5.1	140,423	-	143,506	-2%	140,423		0.084639%			0.028210%	119.47	
Tahoe City PUD (Placer County)	C	(Y)	-	-	-		-		0.000000%			0.000000%	-	
Tahoe Paradise Resort Improvement District	C	27.5	20,631	-	32,233	-36%	20,631		0.012435%			0.004145%	17.55	
Tahoe Resource Conservation District	C	36.2	164,664	-	468,681	-65%	164,664		0.099250%			0.033080%	140.09	
West El Largo CSD	C	5.1	6,847	-	6,927	-1%	6,847		0.004127%			0.001376%	5.83	

Included in Reporting for Alpine County (X)
Included in Reporting for Placer County (Y)
Long Term Debt Only, No General Purpose Revenue (Z)
Note (1): any rounding difference taken from/given to EID.
Note (2): any rounding difference taken from/given to GF.

D = not an "independent special district" as defined by government code section 56044.
* Not listed in the Inventory of Local Agencies as published in December 1999.
** See tab for "District Types"

*** As reported in the FY13/14 "Cities Annual Report" or the FY13/14 "Special Districts Annual Report" published by the State Controller.
**** N No info in reports

304,720,490	-	275,062,801	95,031,624	165,908,312	100.000000%	100.000000%	33.34%	33.330000%	33.330000%	423,501.00
							note (1)		note (1)	note (2)
ISD's	165,908,312									
Cities	95,031,624									
not ISD's	43,780,554					difference:	0.000000%	0.000000%	0.000000%	\$ -
crossfoot	304,720,490									
diff (must be 0)	-									

16/17 COSTS INCURRED LAFCO BILLING

Who	When	Duties	hours	productive salary rate ***	total salary costs	10% admin rate ***	total benefit costs	total benefit & salary costs
Sally	July 15-June 16	Depositing, reconciling, a/r mainenance, questions (including costs to recover late pymts) & recap plan Joe	1.00	153.00	153.00	-	-	153.00
Marsha	Jun-16	Enter # in spreadsheet + review	12.75	78.00	994.50	-	-	994.50
	Jun-16	Depositing, reconciling, a/r mainenance, questions	8.00	78.00	624.00	-	-	624.00
	Jun-16	Calculate auditor costs	0.25	78.00	19.50	-	-	19.50
	Jun-16	Create letters (including creation of letter)	1.00	78.00	78.00	-	-	78.00
	Jun-16	Create A/R accounting	1.00	78.00	78.00	-	-	78.00
Marsha	Jun-16	Verify districts & mailing letters and filing	1.00	78.00	78.00	-	-	78.00

25.00

2,025.00

** Admin Charges are now included in the hourly rate so no additional 10% is needed.

FINAL OF COUNTY, CITY, DISTRICT SHARE OF LAFCO BUDGET FOR FY 2016/2017

Prepared by Marsha Tover
 07/26/16
 LAFCO GC56381 - June 2016 billing.xlsx

	Share of 16/17 Budget	Rolled to District Level Share of 16/17 Budget	Pro-rate Auditor 16/17 Budget	TOTAL
District Name (as identified by SCO)	423,501.00		2,025.00	425,526.00
*County General Government	141,195.25	141,195.25	675.15	141,870.40
Arroyo Vista CSD	16.53	16.53	0.08	16.61
Audubon Hills CSD	32.85	32.85	0.16	33.01
Cameron Estates CSD	138.43	138.43	0.66	139.09
Cameron Park Airport District	363.00	363.00	1.74	364.74
Cameron Park Airport District	-	-	-	-
Cameron Park CSD	-	4,965.13	23.74	4,988.87
Cameron Park CSD	1.73	-	-	-
Cameron Park CSD	3,810.71	-	-	-
Cameron Park CSD	1,152.69	-	-	-
City of Placerville	29,413.51	29,413.51	140.64	29,554.15
City of South Lake Tahoe	111,739.38	111,739.38	534.29	112,273.67
Connie Lane CSD	7.91	7.91	0.04	7.95
Cosumnes River CSD	31.65	31.65	0.15	31.80
Diamond Springs/El Dorado Fire Protection District	2,629.67	2,629.67	12.57	2,642.24
East China Hill CSD	11.18	11.18	0.05	11.23
El Dorado County Fire Protection Dist	7,565.56	7,565.56	36.18	7,601.74
El Dorado County Resource Cons Dist	6.41	6.41	0.03	6.44
El Dorado Hills CSD	-	9,626.74	46.03	9,672.77
El Dorado Hills CSD	9,626.74	-	-	-
El Dorado Hills CSD	-	-	-	-
El Dorado Hills County Water District	11,858.71	11,858.71	56.70	11,915.41
El Dorado Irrigation District	-	62,734.74	299.97	63,034.71
El Dorado Irrigation District	6,728.11	-	-	-
El Dorado Irrigation District	22,275.95	-	-	-
El Dorado Irrigation District	33,730.68	-	-	-
Fallen Leaf Lake Community Services District	258.54	361.77	1.73	363.50
Fallen Leaf Lake Community Services District	103.23	-	-	-
Garden Valley Fire Protection District	522.67	522.67	2.50	525.17
Garden Valley Ranch Estates CSD	34.01	34.01	0.16	34.17
Georgetown Divide PUD	290.45	3,244.38	15.51	3,259.89
Georgetown Divide PUD	2,953.93	-	-	-
Georgetown Divide Recreation District	293.34	293.34	1.40	294.74
Georgetown Divide Resource Conservation District	0.80	0.80	-	0.80
Georgetown Fire Protection District	760.28	760.28	3.64	763.92
Golden West CSD	99.96	99.96	0.48	100.44
Greenstone Country CSD	160.16	160.16	0.77	160.93
Grizzly Flats CSD	436.58	436.58	2.09	438.67
Happy Homestead Cemetery District	287.21	287.21	1.37	288.58
Hickok Road CSD	15.52	15.52	0.07	15.59
Hillwood CSD	39.48	39.48	0.19	39.67
Holiday Lake CSD	11.45	11.45	0.05	11.50
Kelsey Cemetery District	2.71	2.71	0.01	2.72
Kirkwood Meadows PUD (Alpine County)	-	-	-	-
Knolls CSD	11.63	11.63	0.06	11.69
Lake Valley Fire Protection District	5,393.81	5,393.81	25.79	5,419.60
Lakeview CSD	14.96	14.96	0.07	15.03
Latrobe Fire Protection District	-	-	-	-
Marble Mountain Homeowners CSD	30.70	30.70	0.15	30.85
McKinney Water District (Placer County)	-	-	-	-
Meeks Bay Fire Protection District	1,182.08	1,182.08	5.65	1,187.73
Mortara Circle CSD	12.98	12.98	0.06	13.04
Mosquito Fire Protection District	339.73	339.73	1.62	341.35
Nashville Trail CSD	18.55	18.55	0.09	18.64
Pioneer Fire Protection District	779.52	779.52	3.73	783.25
Rescue Fire Protection District	1,178.66	1,178.66	5.64	1,184.30
Rising Hill Road CSD	37.80	37.80	0.18	37.98
Showcase Ranches CSD	28.34	28.34	0.14	28.48
Sierra Oaks CSD	4.73	4.73	0.02	4.75
South Tahoe PUD	16,638.94	25,577.60	122.30	25,699.90
South Tahoe PUD	8,938.66	-	-	-
Rolling Hills CSD/Springfield Meadows	119.47	119.47	0.57	120.04
Tahoe City PUD (Placer County)	-	-	-	-
Tahoe Paradise Resort Improvement District	17.55	17.55	0.08	17.63
Tahoe Resource Conservation District	140.09	140.09	0.67	140.76
West El Largo CSD	5.83	5.83	0.03	5.86
	-	-	-	-
	<u>423,501.00</u>	<u>423,501.00</u>	<u>2,025.00</u>	<u>425,526.00</u>
DIFF:		-	-	-

Note from MT:

There are new reports that they are now posting, the old ones are not out there any more.

Use this website:http://www.sco.ca.gov/ard_local_rep_freq_requested.html

Then in the Search box type in data for lafco fee calculations and look at the the one that has the 12/13 Year.

I attached the pdf for 12/13 for your convenience.

** Take the revenues and subtract the Total inter-Governmental revenues out to get the numbers I used in the spreadsheet.

Principal County	Independent Special District Name	Activity	Enterprise Operating Revenues	Enterprise Non-Operating Revenues	Non-Enterprise General Purpose Revenues	Total Inter Governmental Revenues
El Dorado	Cameron Park Community Services District	Fire Protection	-	-	4,637,888	35,272
El Dorado	Cameron Park Community Services District	Lighting and Lighting Maintenance	-	-	39,947	-
El Dorado	Cameron Park Community Services District	Recreation and Park	-	-	867,799	-
El Dorado	Connie Lane Community Services District	Streets and Roads - Construction and Maintenance	-	-	9,705	80
El Dorado	Cosumnes River Community Services District	Streets and Roads - Construction and Maintenance	-	-	37,111	1
El Dorado	Diamond Springs/El Dorado Fire Protection District	Fire Protection	-	-	3,283,677	140,155
El Dorado	East China Hill Community Services District	Streets and Roads - Construction and Maintenance	-	-	13,898	89
El Dorado	El Dorado County Emergency Services Authority	Ambulance Service	-	-	10,448,410	10,435,675
El Dorado	El Dorado County Fire Protection District	Fire Protection	-	-	9,237,483	868,373
El Dorado	El Dorado County Resource Conservation District	Resource Conservation	-	-	302,433	293,173
El Dorado	El Dorado County Risk Management Authority	Self Insurance	-	-	30,771,451	-
El Dorado	El Dorado County Transit Authority	Transit Enterprise	5,482,069	-	-	3,844,151
El Dorado	El Dorado County-City of Placerville-City of South Lake Tahoe	Governmental Services	-	-	187,596	187,459
El Dorado	El Dorado Hills Community Services District	Recreation and Park	-	-	9,946,216	727,386
El Dorado	El Dorado Hills County Water District	Fire Protection	-	-	14,344,643	1,296,621
El Dorado	El Dorado Irrigation District	Electric Enterprise	6,777,760	96,809	-	86,516
El Dorado	El Dorado Irrigation District	Waste Disposal Enterprise	20,854,742	4,100,246	-	-
El Dorado	El Dorado Irrigation District	Water Enterprise	27,806,014	7,095,664	-	324,130
El Dorado	El Dorado Schools Financing Authority	Financing or Constructing Facilities	-	-	4,710,553	-
El Dorado	El Dorado Water and Power Authority	Local and Regional Planning or Development	-	-	788,839	788,640
El Dorado	Fallen Leaf Lake Community Services District	Fire Protection	-	-	273,530	300
El Dorado	Fallen Leaf Lake Community Services District	Recreation and Park	-	-	147,884	-
El Dorado	Garden Valley Fire Protection District	Fire Protection	-	-	2,032,750	1,368,092
El Dorado	Garden Valley Ranch Estates Community Services District	Streets and Roads - Construction and Maintenance	-	-	41,899	166
El Dorado	Georgetown Divide Public Utility District	Waste Disposal Enterprise	352,420	1,287	-	-
El Dorado	Georgetown Divide Public Utility District	Water Enterprise	2,022,748	1,576,776	-	14,686
El Dorado	Georgetown Divide Recreation District	Recreation and Park	-	-	407,496	72,919
El Dorado	Georgetown Divide Resource Conservation District	Resource Conservation	-	-	239,303	238,659
El Dorado	Georgetown Fire Protection District	Fire Protection	-	-	852,091	4,338
El Dorado	Golden West Community Services District	Streets and Roads - Construction and Maintenance	-	-	123,637	682
El Dorado	Greenstone Country Community Services District	Streets and Roads - Construction and Maintenance	-	-	199,059	1,686
El Dorado	Grizzly Flats Community Services District	Water Enterprise	505,179	465,218	-	463,000

EL DORADO IRRIGATION DISTRICT

Subject: Consideration to adopt a resolution appointing an agent for purposes of submitting information to Cal EMA/OES to qualify the District for funding provided under the California Disaster Assistance Act Funding for Tree Mortality Event.

Previous Board Actions:

None.

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

AR 4015 recognizes the need to ensure a safe and healthy work environment for its employees, volunteers, contractors, visitors, and the public.

BP 10010.1 commits the District to the health and safety of visitors and District employees at all EID recreation facilities and to the protection of District recreation properties.

Summary of Issue(s):

Applying with Cal EMA/OES will qualify the District to compete for funding provided under the “California Disaster Assistance Act Funding for Tree Mortality Event” (see attached “Fact Sheet”). One of the requirements of the application is the attached “Designation of Applicant’s Agent Resolution for Non-State Agencies” form. Funding would be to reimburse the District for costs incurred to remove dead and dying trees caused by pine beetles and drought-related stress.

Staff Analysis/Evaluation:

As of August 1, approximately 300-plus trees throughout Sly Park Recreation Area have perished due to drought-induced stress and beetle infestation. Cal Fire and the US Forest Service estimate the number of dead trees will increase in the next year by as much as 25%-35%. According to Cal EMA, other agencies are paying on average \$1000 per tree for felling and removal. The District could be facing an expense in excess of \$250,000 just to remove the dead and dying trees that pose a threat to visitor safety and District infrastructure. This grant program can reimburse 75% of the cost of removal and 10% administrative allowance, applied as a percentage against the total approved grant funds. The proposed Authorized Agents for the District under the resolution would be the General Manager, Director of Operations, and Parks and Recreation Manager.

Board Decision/Options:

Option 1: Adopt a resolution appointing an agent for purposes of submitting information to Cal EMA/OES to qualify the District for funding provided under the California Disaster Assistance Act Funding for Tree Mortality Event.

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

Option 3: Take no action.

Staff/General Manager's Recommendation:

Option 1.


Supporting Documents Attached:

Attachment A: Cal OES Fact Sheet-Tree Mortality

Attachment B: Proposed resolution



Greg Hawkins
Parks and Recreation Manager



Tom McKinney
Operations Director



Thomas D. Cumpston
Acting General Manager



Fact Sheet

California Disaster Assistance Act Funding for Tree Mortality Event

On October 30, 2015, Governor Brown proclaimed a State of Emergency and included provisions to expedite the removal and disposal of dead and dying hazardous trees. As a result, costs related to identification, removal, and disposal of dead and dying trees resulting from drought conditions may be eligible for CDAA reimbursement.

This sheet is to provide local jurisdictions with guidance related to the State declared event for the removal of dead and dying trees.

1. *Who are eligible applicants for CDAA?*

Only those jurisdictions (counties, cities, and special districts) with the authority to identify, remove, store, and dispose of dead and dying trees constituting a threat to public rights-of-way and public infrastructure are eligible for CDAA funding under this proclamation.

2. *Can businesses, schools, or daycare or eldercare centers apply for CDAA?*

See answer to number 1.

3. *Can Private Nonprofit Organizations (PNP) be used for these activities?*

No, PNPs can only be reimbursed for providing essential services including but not limited to food, water, and shelter.

4. *Can tribal governments within California apply for CDAA?*

Tribal governments within California are not eligible for CDAA funding; however, should a tribal government need assistance with identifying, removing, storing or disposing of dead and dying trees in response to a threat to the public right-of-way and public infrastructure, and the assistance is requested from an eligible applicant (i.e., county, city), that applicant may seek reimbursement for eligible activities performed on behalf of the tribe.

5. *What is the application process for this CDAA event?*

If tree mortality within a local jurisdiction proves to be beyond the capabilities of the jurisdiction to respond and recover, an application for CDAA funding can be submitted. Please contact David Gillings, Public Assistance Officer, at 916-845-8224 or david.gillings@caloes.ca.gov for application information.

6. *Due to the slow buildup of costs being incurred, how will applicant eligibility be influenced by California Government Code, Section 8685.4?*

Pursuant to California Government Code, Section 8685.4, a local agency has 60 days after the date of the proclamation of a local emergency to apply for state financial assistance. However, the Director of Cal OES may extend the time for filing an application for state financial assistance under CDAA. Time extensions will be considered on a case-by-case basis.

7. *Is a tree removal plan required to receive CDAA funding?*

Yes. In order for the local jurisdiction to be reimbursed for eligible costs under CDAA for this declared event, the local jurisdiction must first identify to Cal OES the local needs and a plan for the successful implementation and completion of that plan.

8. *What is the CDAA cost-share for the tree mortality event?*

Pursuant to California Government Code, Section 8585.9, the state share shall not exceed 75% of the total eligible costs. Therefore, the local jurisdictions will be responsible for a cost-share of 25%.

9. Can you give an example of eligible and non-eligible costs under CDAA for the tree mortality event?

The Proclamation is specific to providing reimbursement for identification, removal and disposal of dead and dying trees. CDAA may provide up to 75 percent reimbursement for eligible costs for emergency work, (Category A and B) only.

Examples of eligible costs may include:

- Evaluation and identification of dead or dying trees threatening the public rights-of-way and public infrastructure by a certified arborist;
- Private property tree removal to address threats to public rights-of-way and public infrastructure;
- Contracted tree removal, transportation, holding site fees, and disposal; and
- Reasonable Force Account Labor overtime and equipment costs.

Examples of non-eligible costs include:

- Removal of trees from private property that do not pose a threat to public right-of-way or public infrastructure;
- Straight-time Force Account labor;
- Income, fees, revenues, wages, lost or voluntarily waived by a local agency;
- Activities or costs associated with permanent work such the construction of a biomass facility; and
- Deferred Maintenance.

10. Whereas local government agencies are taking responsibility to identify, remove, and dispose of dead and dying trees, will the local government agencies be held harmless administratively, programmatically, financially and for liability on private property?

Before a local government, its contractors or any other agent of the local government can enter private property to perform measures to complete arborist tree evaluations, and hazardous tree removal for public safety purposes, the local government must obtain a signed Right-of-Entry form from the property owner. The Right-of-Entry form must stipulate the property owner shall indemnify and hold harmless the local government, the State of California, Cal OES and any of their officers, agencies, agents, contractors, subcontractors, employees and volunteers, against any and all claims, liabilities, etc. An example of hold harmless and Right-of-Entry forms can be found at:

<http://www.caloes.ca.gov/RecoverySite/Documents/Right%20Of%20Entry%20Form%20sample.pdf>

11. Will the local jurisdictions be provided an administrative allowance under CDAA?

Local governments will receive a 10% administrative allowance, applied as a percentage against the total approved state share, to cover reasonable indirect costs and the necessary costs of requesting, obtaining, auditing and administering state disaster assistance funds.

12. Will there be CDAA briefings for the tree mortality declaration?

Due to the nature of the event, Cal OES will provide applicants' briefings to operational areas as needed. For applicants' briefing information, please refer to the Cal OES website at:

<http://www.caloes.ca.gov/cal-oes-divisions/recovery/public-assistance/applicants-briefings>

13. Will the local jurisdictions be given adequate notice prior to the termination of the State of Emergency proclamation?

Pursuant to California Government Code, Section 8567, the Governor may terminate the proclamation at any time. Cal OES will make every attempt to inform local governments in advance.

For additional information relating to the tree mortality disaster event, please contact David Gillings, Public Assistance Officer, at 916-845-8224 or david.gillings@caloes.ca.gov.

**DESIGNATION OF APPLICANT'S AGENT RESOLUTION
FOR NON-STATE AGENCIES**

BE IT RESOLVED BY THE _____ OF THE _____
(Governing Body) (Name of Applicant)

THAT _____, OR
(Title of Authorized Agent)

_____, OR
(Title of Authorized Agent)

(Title of Authorized Agent)

is hereby authorized to execute for and on behalf of the _____, a public entity
(Name of Applicant)
established under the laws of the State of California, this application and to file it with the California Governor's Office of Emergency Services for the purpose of obtaining certain federal financial assistance under Public Law 93-288 as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the California Disaster Assistance Act.

THAT the _____, a public entity established under the laws of the State of California,
(Name of Applicant)
hereby authorizes its agent(s) to provide to the Governor's Office of Emergency Services for all matters pertaining to such state disaster assistance the assurances and agreements required.

Please check the appropriate box below:

- This is a universal resolution and is effective for all open and future disasters up to three (3) years following the date of approval below.
- This is a disaster specific resolution and is effective for only disaster number(s) _____

Passed and approved this _____ day of _____, 20_____

(Name and Title of Governing Body Representative)

(Name and Title of Governing Body Representative)

(Name and Title of Governing Body Representative)

CERTIFICATION

I, _____, duly appointed and _____ of
(Name) (Title)

_____, do hereby certify that the above is a true and correct copy of a
(Name of Applicant)

Resolution passed and approved by the _____ of the _____
(Governing Body) (Name of Applicant)

on the _____ day of _____, 20_____.

(Signature)

(Title)

Cal OES Form 130 Instructions

A Designation of Applicant's Agent Resolution for Non-State Agencies is required of all Applicants to be eligible to receive funding. A new resolution must be submitted if a previously submitted Resolution is older than three (3) years from the last date of approval, is invalid or has not been submitted.

When completing the Cal OES Form 130, Applicants should fill in the blanks on page 1. The blanks are to be filled in as follows:

Resolution Section:

Governing Body: This is the group responsible for appointing and approving the Authorized Agents.

Examples include: Board of Directors, City Council, Board of Supervisors, Board of Education, etc.

Name of Applicant: The public entity established under the laws of the State of California. Examples include: School District, Office of Education, City, County or Non-profit agency that has applied for the grant, such as: City of San Diego, Sacramento County, Burbank Unified School District, Napa County Office of Education, University Southern California.

Authorized Agent: These are the individuals that are authorized by the Governing Body to engage with the Federal Emergency Management Agency and the Governor's Office of Emergency Services regarding grants applied for by the Applicant. There are two ways of completing this section:

1. **Titles Only:** If the Governing Body so chooses, the titles of the Authorized Agents would be entered here, not their names. This allows the document to remain valid (for 3 years) if an Authorized Agent leaves the position and is replaced by another individual in the same title. If "Titles Only" is the chosen method, this document must be accompanied by a cover letter naming the Authorized Agents by name and title. This cover letter can be completed by any authorized person within the agency and does not require the Governing Body's signature.
2. **Names and Titles:** If the Governing Body so chooses, the names **and** titles of the Authorized Agents would be listed. A new Cal OES Form 130 will be required if any of the Authorized Agents are replaced, leave the position listed on the document or their title changes.

Governing Body Representative: These are the names and titles of the approving Board Members.

Examples include: Chairman of the Board, Director, Superintendent, etc. The names and titles **cannot** be one of the designated Authorized Agents, and a minimum of two or more approving board members need to be listed.

Certification Section:

Name and Title: This is the individual that was in attendance and recorded the Resolution creation and approval.

Examples include: City Clerk, Secretary to the Board of Directors, County Clerk, etc. This person **cannot** be one of the designated Authorized Agents or Approving Board Member (if a person holds two positions such as City Manager and Secretary to the Board and the City Manager is to be listed as an Authorized Agent, then the same person holding the Secretary position would sign the document as Secretary to the Board (not City Manager) to eliminate "Self Certification.")

EL DORADO IRRIGATION DISTRICT

Subject: Overview of the District's recent refunding transaction-Refunding Revenue Bonds, Series 2016A and the issuance of the Revenue Certificates of Participation, Series 2016B.

Previous Board Actions:

September 8, 2014- The Board adopted a resolution of intent to issue tax-exempt obligations to finance specified capital improvement projects.

October 14, 2014 – The Board adopted an amending resolution of intent to issue tax-exempt obligations to include the repair of the Esmeralda Tunnel.

June 27, 2016 – The Board adopted a resolution authorizing the issuance of not to exceed \$25,000,000 aggregate principal amount of refunding revenue bonds, authorizing the execution and delivery of not to exceed \$57,000,000 aggregate principal amount revenue certificates of participation and approving the execution and delivery of certain documents in connection therewith and certain other matters.

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

Board Policy 3050 states that the District will be run in a fiscally responsible and prudent manner according to the principles of Administrative Regulation 3051. Section 2 of that regulation authorizes indebtedness as provided in the Irrigation District Act.

Summary of Issue(s):

Results of the recent refunding transaction-Refunding Revenue Bonds, Series 2016A and the issuance of the Revenue Certificates of Participation, Series 2016B were outstanding. When staff originally brought the proposal to the Board asking for adoption of a resolution authorizing the issuance of not to exceed \$25,000,000 aggregate principal amount of refunding revenue bonds and authorizing the execution and delivery of not to exceed \$57,000,000 aggregate principal amount revenue certificates of participation, the projections for both transactions reflected the potential for very successful transactions.

The refunding (series 2016A) originally suggested there would be an increase to the face value of outstanding debt of approximately \$1.0 million, offset by a bond premium paid by the bond purchasers which would also fund a debt reserve and pay for costs of issuance.

The new money bond issue (series 2016B) for the long-lived capital assets, originally was projected to be \$43.8 million in face value of debt with additional funds provided by a bond premium paid by the bond purchasers which would also fund the construction fund of \$49.3 million, fund a debt reserve fund and pay for costs of issuance.

The final results of the transaction are reflected in the tables below:

Refunding Revenue Bonds, Series 2016A

	Original Estimate	Final
Proceeds-		
Par amount of debt issued	\$19,490,000	\$17,405,000
Premium	3,768,500	3,434,159
Interest funds	<u>350,000</u>	<u>350,000</u>
Total proceeds	<u>\$23,608,500</u>	<u>\$21,189,159</u>
Uses-		
Refunding escrow deposit	\$21,017,861	\$21,021,489
Debt service reserve	2,413,367	0
Cost of Issuance	174,430	121,987
Reserve surety	0	42,720
Other proceeds	<u>2,842</u>	<u>2,963</u>
Total uses	<u>\$23,608,500</u>	<u>\$21,189,159</u>
All-in True Interest Cost	1.55894%	1.28371%
Net PV savings	\$ 1,393,404	\$ 1,717,084
Maturity of last bond	March 1, 2024	March 1, 2024

Revenue Certificates of Participation, Series 2016B

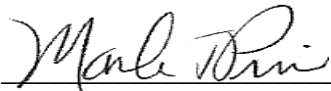
	Original Estimate	Final
Proceeds-		
Par amount of debt issued	\$43,805,000	\$38,600,000
Premium	<u>11,312,110</u>	<u>11,113,521</u>
Total proceeds	<u>\$55,117,110</u>	<u>\$49,713,521</u>
Uses-		
Project funds	\$49,300,000	\$49,300,000
Debt service reserve	5,424,194	0
Cost of Issuance	392,044	306,180
Reserve surety	0	101,913
Other proceeds	<u>872</u>	<u>5,428</u>
Total uses	<u>\$55,117,110</u>	<u>\$49,713,521</u>
All-in True Interest Cost	2.40042%	2.01799%
Maturity of last bond	March 1, 2029	March 1, 2029

As shown above the District was anticipating increasing in total its face value of outstanding debt by about \$44.8 million while refinancing the remaining refundable 2009A outstanding debt and receiving \$49.3 million for the construction of the long-lived assets identified in the resolutions of intent to issue tax-exempt obligations in the fall of 2014.

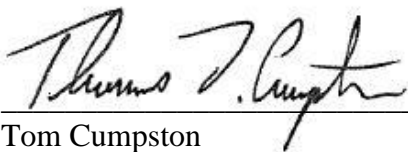
The final results of the combined transactions increased the face value of outstanding debt by \$37.6 million while still yielding \$49.3 million in project funds. The combined all-in True Interest Cost was 1.872702%.

Board Decisions/Options:

None – Information only.



Mark Price
Finance Director



Tom Cumpston
Acting General Manager



El Dorado Irrigation District

Summary of Results –

Refunding Revenue Bonds, Series 2016A

Revenue Certificates of Participation, Series 2016B

2016 Refunding Revenue Bonds and Revenue Certificates of Deposit

- **Significant highlights:**

1. Rating Agencies upgraded District's long-term ratings and assigned the upgrade ratings to the Refunding Revenue Bonds and Revenue Certificates of Deposit
 - S&P A+ to AA-
 - Moody's A1 to Aa3
2. Combined all-in true interest cost was 1.8727%
3. Combined premiums received was \$14,547,680

2016 Refunding Revenue Bonds and Revenue Certificates of Deposit

- On July 12, the District coordinated with Citi's Los Angeles underwriting desk to formally offer its bonds to the municipal market
 - Investors put in \$191 million in orders for EID's \$56 million in bonds offered, nearly 3.5x the amount of bonds available

Notable institutional investors-

Blackrock Financial

Breckinridge Capital Advisors

Eaton Vance

Fidelity Management

Goldman Sachs Asset Management

Northern Trust

PIMCO

Refunding Revenue Bonds, Series 2016A

	Original Estimate	Final
Proceeds-		
Par amount of debt issued	\$19,490,000	\$17,405,000
Premium	3,768,500	3,434,159
Interest funds	<u>350,000</u>	<u>350,000</u>
Total proceeds	<u>\$23,608,500</u>	<u>\$21,189,159</u>
Uses-		
Refunding escrow deposit	\$21,017,861	\$21,021,489
Debt service reserve	2,413,367	0
Cost of Issuance	174,430	121,987
Reserve surety	0	42,720
Other proceeds	<u>2,842</u>	<u>2,963</u>
Total uses	<u>\$23,608,500</u>	<u>\$21,189,159</u>
All-in True Interest Cost	1.55894%	1.28371%
Net PV savings	\$ 1,393,404	\$ 1,717,084
Maturity of last bond	March 1, 2024	March 1, 2024

Revenue Certificates of Participation, Series 2016B

	Original Estimate	Final
Proceeds-		
Par amount of debt issued	\$43,805,000	\$ 38,600,000
Premium	<u>11,312,110</u>	<u>11,113,521</u>
Total proceeds	<u>\$55,117,110</u>	<u>\$ 49,713,521</u>
Uses-		
Project funds	\$49,300,000	\$ 49,300,000
Debt service reserve	5,424,194	0
Cost of Issuance	392,044	306,180
Reserve surety	0	101,913
Other proceeds	<u>872</u>	<u>5,428</u>
Total uses	<u>\$55,117,110</u>	<u>\$49,713,521</u>
All-in True Interest Cost	2.40042%	2.01799%
Maturity of last bond	March 1, 2029	March 1, 2029

Summary

- EID continues an excellent track record with rating analysts and the capital markets
- EID Board has made difficult decisions during tough economic times and this has paid off for ratepayers
- EID Staff has been recognized in the capital markets for running an efficient, responsible, and innovative District
- With a sound debt portfolio as well as keeping to the financial plan and continuing to hit financial benchmarks, EID has a bright future ahead
- Next step: Review the ability to refinance up to one-half of the currently outstanding \$110 million in VRDO debt with low fixed-rate debt

Board Decision/Options

- No Board Action required-Information Only

EL DORADO IRRIGATION DISTRICT

Subject: June 30, 2016 Financial Update.

Previous Board Action:

Staff presents a financial update to the Board on a quarterly basis.

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

BP 3010: It is the responsibility of the General Manager to inform the Board about financial operations of the District so the Board can make informed decisions and fully discharge its legal responsibilities in a fiscally sound manner.

BP 3030: The General Manager shall submit quarterly financial status reports during the fiscal year to the Board. All reports should show whether the District is meeting its financial obligations and include a forecast for the remainder of the current fiscal year.

Summary of Issue:

Staff will present to the Board a financial status report on revenues, expenditures, and cash compared to the adjusted budget and report on the occurrence of any irregular conditions, such as the need to fund unbudgeted items. This is a financial report for the six-month period January 1 to June 30, 2016.

Staff Analysis/Evaluation:

This agenda item provides a report on the District's fiscal condition as of June 30, 2016. With 50% of the year elapsed, the District has recorded about \$41.1 million in revenues and \$20.2 million in operating expenses. The total cash balance increased by \$5.1 million to \$91.0 million for the first half of 2016. More information on these points will be found in this report.

June 30, 2016 Financial Update

Total District Revenues: Tables 1 and 2 represent revenues recorded (by fund and category) through June 30, 2016 with comparable 2015 numbers.

Table 1
Total District Revenues by Fund
(in millions)

Fund	2015			2016		
	6 Months Adopted Budget	June 30 Revenues	Variance Over / (Under)	6 Months Adopted Budget	June 30 Revenues	Variance Over / (Under)
Water	\$ 19.225	\$ 20.297	\$ 1.072	\$ 19.692	\$ 18.980	\$(0.712)
Wastewater	14.284	16.797	2.513	14.623	15.590	0.967
Recycled Water	0.780	0.907	0.127	0.819	1.009	0.190
Hydroelectric	2.500	1.693	(0.807)	4.000	4.669	0.669
Recreation	0.551	0.555	0.004	0.784	0.874	0.090
Total	\$ 37.340	\$ 40.249	\$ 2.909	\$ 39.918	\$ 41.122	\$ 1.204

Table 2 compares 2015 budgeted revenues and 2016 budgeted revenue categories to actual results for the respective six months ending June 30.

Table 2
Total District Revenues by Category
(in millions)

Revenue Category	2015			2016		
	6 Months Adopted Budget	June 30 Revenues	Variance Over / (Under)	6 Months Adopted Budget	June 30 Revenues	Variance Over / (Under)
Water Sales and Services	\$ 13.946	\$ 11.948	\$ (1.998)	\$ 14.175	\$ 11.956	\$ (2.219)
Wastewater Sales and Services	9.818	10.060	0.242	9.928	9.958	0.030
Recycled Water Sales	0.780	0.590	(0.190)	0.819	0.610	(0.209)
Hydropower Sales	2.500	1.658	(0.842)	4.000	4.647	0.647
Investment Income	0.275	0.216	(0.059)	0.375	0.350	(0.025)
Debt Surcharges	0.990	1.072	0.082	0.989	1.117	0.128
Property Tax	4.977	5.322	0.345	5.450	5.450	0.000
Other Income	1.003	0.436	(0.567)	1.003	0.170	(0.833)
Recreation	0.551	0.546	(0.005)	0.679	0.866	0.187
Subtotal	34.840	31.848	(2.992)	37.418	35.124	(2.294)
FCC's	2.500	8.401	5.901	2.500	5.998	3.498
Total	\$ 37.340	\$ 40.249	\$ 2.909	\$ 39.918	\$ 41.122	\$ 1.204

Recorded revenues through June 30, 2016 are approximately \$1.2 million higher than 50% of the budgeted revenues for the year. Revenue is up \$0.9 million year over year. Water revenue is the same as in 2015 year-to-date but is expected to outpace 2015 through the remainder of 2016. Hydroelectric revenues are \$3.0 million higher in 2016 related to the Esmeralda Tunnel repair during the first three months of 2015 and related loss in power generating capabilities. For the year hydroelectric power sales are now estimated to be \$2.0 million lower than the original budget related to a quick snowpack runoff with significantly lower power generation in July and August versus original projections. FCCs are lower in the first six months of 2016 compared to 2015 but already exceed the 2016 budget.

District Operating Expenses: For the six months ended June 30, 2016 the District has recorded about \$20.2 million of its \$45.4 million operating expense budget (not including budgeted bond costs) as reflected in Table 3.

Table 3
Budget to Actual Operating Expenses by Department
(in millions)

Department	2016		Variance
	6 Months Adopted Budget	June 30 Expenses	Over / (Under)
Office of the General Manager	\$ 1.562	\$ 1.309	\$ (0.253)
Comm. & Community Relations	0.217	0.142	(0.075)
Finance	3.329	2.848	(0.481)
Human Resources	1.130	1.093	(0.037)
Information Technology	1.076	1.271	0.195
Engineering			
Engineering Administration Division	0.186	0.181	(0.005)
Water / Hydro Engineering Division	0.008	(0.016)	(0.024)
Wastewater / Recycled Engineering Division	0.125	0.002	(0.123)
Drafting Services Division	0.195	0.182	(0.013)
Construction Inspection Division ^[1]	0.077	0.096	0.019
Environmental Compliance/Water Policy Division	0.649	0.570	(0.079)
Development Services	0.135	0.146	0.011
Operations			
Administration	0.262	0.582	0.320
Water Operations	5.613	4.373	(1.240)
Wastewater Operations	5.404	4.772	(0.632)
Recycled Water Operations	0.236	0.175	(0.061)
Hydroelectric Operations	1.826	1.899	0.073
Recreation	0.692	0.583	(0.109)
Total	\$ 22.722	\$ 20.208	\$ (2.514)

Table 4 shows the District's operating expenses, by department, for the six months ended June 30, 2016, as compared to the expenses for the same period in 2015.

Table 4
Actual Operating Expenses by Department
(in millions)

	2015	2016	
Department	June 30 Expenses	June 30 Expenses	Increase / (Decrease)
Office of the General Manager	\$ 1.311	\$ 1.309	\$(0.002)
Comm. & Community Relations	0.209	0.142	(0.067)
Finance	2.890	2.848	(0.042)
Human Resources	1.005	1.093	0.088
Information Technology	1.183	1.271	0.088
Engineering			
Engineering Administration Division	0.164	0.181	0.017
Water / Hydro Engineering Division	0.002	(0.016)	(0.018)
Wastewater / Recycled Engineering Division	0.082	0.002	(0.080)
Drafting Services Division	0.177	0.182	0.005
Construction Inspection Division ^[1]	0.070	0.096	0.026
Environmental Compliance/Water Policy Division	0.587	0.570	(0.017)
Development Services Division	0.088	0.146	0.058
Operations			
Administration	0.532	0.582	0.050
Water Operations	4.718	4.373	(0.345)
Wastewater Operations	4.156	4.772	0.616
Recycled Water Operations	0.162	0.175	0.013
Hydroelectric Operations	1.655	1.899	0.244
Recreation	0.538	0.583	0.045
Total	\$ 19.529	\$ 20.208	\$ 0.679

Table 5 shows the actual operating expenses as compared with the budgeted expenses by expense category.

Table 5
Budget to Actual Operating Expenses by Category
(in millions)

Expense Category	2016		Variance
	6 Months Adopted Budget	June 30 Expenses	Over / (Under)
Salaries	\$ 8.968	\$ 7.810	\$(1.158)
Benefits	5.778	5.262	(0.516)
Materials and Supplies			
Operating Supplies	1.762	1.653	(0.109)
Chemicals	0.446	0.322	(0.124)
Administrative Costs	1.714	1.793	0.079
Utilities	2.301	1.552	(0.749)
Professional Services	1.773	1.607	(0.166)
Repair Services	0.524	0.444	(0.080)
Insurance	0.461	0.645	0.184
Operating Capital	0.161	0.215	0.054
Contingency	0.250	0.000	(0.250)
Labor Offsets	(1.416)	(1.095)	0.321
Total	\$ 22.722	\$ 20.208	\$ (2.514)

Salaries and benefits are lower than budgeted related to a couple including the timing and posting of the last payroll in the second quarter and construction and related capitalized and temporary wages weighted to the second half of the year during the canal outage.

Utilities are under budget related to the timing of bills received from the electric provider for the water and wastewater plants and other District facilities. Normally they are received near the end of the following month and therefore would not be included within the timing of the preparation of this AIS.

Table 6 shows the operating expenses by category comparing the 2015 and 2016 first six month results.

Table 6
Actual Operating Expenses by Category
(in millions)

	2015	2016	
Expense Category	June 30 Expenses	June 30 Expenses	Increase / (Decrease)
Salaries	\$ 7.733	\$ 7.810	\$ 0.077
Benefits	5.477	5.262	(0.215)
Materials and Supplies			
Operating Supplies	1.595	1.653	0.058
Chemicals	0.286	0.322	0.036
Administrative Costs	1.583	1.793	0.210
Utilities	1.197	1.552	0.355
Professional Services	1.637	1.607	(0.030)
Repair Services	0.551	0.444	(0.107)
Insurance	0.641	0.645	0.004
Operating Capital	0.238	0.215	(0.023)
Contingency	0.000	0.000	0.000
Grants	0.000	0.000	0.000
Reimbursements from Developers	0.000	0.000	0.000
Labor Offsets	(1.409)	(1.095)	0.314
Total	\$ 19.529	\$ 20.208	\$ 0.679

District Cash Balances: Table 7 below reflects the dollar change in cash balances from the end of 2015 through the first six months of 2016.

Table 7
Cash Balance
(in millions)

	12/31/15	6/30/16	Change
Total	\$84.1	\$91.0	\$5.9

2016-2020 Financial Forecast: Table 8 shows the revisions staff is making for the revenue projections for 2016 and Table 9 shows the adopted 5-year forecast from November 2015 with revisions for the new 2016A&B bonds, an increase in projected FCC sales through the end of 2016 and reduced hydroelectric power sales. Staff will continue to monitor the District's financial status, provide reports to the Board and note any occurrences of irregular conditions. Staff does not plan to change the water operating revenue forecast at this time since water billings significantly increased, year over year, in July. If this trend continues through the remaining summer months and into the fall the revenues will recover from the almost identical amounts billed through June 30th of each year.

Table 8: Revised Revenue Projections for 2016 (in millions)

Revenue Category	2016 Adopted Budget	2016 Revised Projection
Water Sales and Services	\$ 28.350	\$ 28.350
Wastewater Sales and Services	19.856	19.856
Recycled Water Sales	1.638	1.638
Hydropower Sales	8.000	6.000
Investment Income	0.750	0.750
FCCs	5.000	8.700
Debt Surcharges	1.979	1.979
Property Tax	10.900	10.900
Other Income	2.006	2.006
Recreation	1.357	1.357
Total Revenues	\$ 79.836	\$81.536

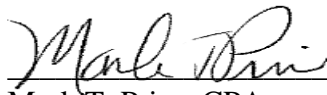
Table 9
2016-2020 Financial Forecast

	5.0%	5.0%	4.0%	3.0%	3.0%
	0.0%	5.0%	4.0%	3.0%	3.0%
	5.0%	5.0%	4.0%	3.0%	3.0%
	-revised-				
	<u>Projected</u>	<u>Projected</u>	<u>Projected</u>	<u>Projected</u>	<u>Projected</u>
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Total Debt Proceeds	\$ 49.3	\$ -	\$ -	\$ -	\$ -
Total revenues	81.5	82.8	85.3	87.4	89.6
Total maintenance and operation costs	46.6	47.5	48.4	49.3	50.3
Net revenues	34.9	35.3	36.9	38.1	39.3
Pre-existing state obligations	1.1	1.1	1.1	1.1	1.1
Net revenues available after pre existing obligations	33.8	34.2	35.8	37.0	38.2
Senior debt service	15.3	24.8	27.0	27.0	26.8
Cash Available from Current Year Activities for Capital Projects or Other Improvements	67.8	9.4	8.8	10.0	11.4
Cash balance - January 1	84.0	132.0	116.3	100.2	92.6
Total Cash Available for Capital Projects or Debt PrePayment	151.8	141.4	125.1	110.2	104.0
total CIP	(16.8)	(22.1)	(21.9)	(14.6)	(14.2)
Pre funding debt	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)
Cash balance - December 31	\$ 132.0	\$ 116.3	\$ 100.2	\$ 92.6	\$ 86.8
Senior debt service coverage (1.25x test)	2.21	1.38	1.33	1.37	1.43
Alternative senior debt coverage					
Total FCCs in revenue above	8.70	5.00	5.00	5.00	5.00
\$\$\$ of FCCs removed from calculation	8.70	5.00	5.00	5.00	5.00
Potential senior debt coverage (1.0x test)	1.64	1.18	1.14	1.19	1.24
Senior Debt-	<u>Projected</u>	<u>Projected</u>	<u>Projected</u>	<u>Projected</u>	<u>Projected</u>
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
2008A Installment Purchase Agreement	\$ 1.1	\$ 3.3	\$ 5.5	\$ 5.5	\$ 5.5
2009A Installment Purchase Agreement	3.8	3.3	3.3	3.3	0.1
2010A Installment Purchase Agreement	0.8	0.8	0.8	0.8	0.8
2012A Bonds	2.3	7.6	7.6	7.6	7.5
2012B Bonds	0.2	0.2	0.2	0.2	0.2
2014 Bonds	9.5	9.5	9.5	9.5	9.5
2016A Bonds	0.1	0.8	0.8	0.8	3.9
2016B Installment Purchase Agreement	0.2	1.9	1.9	1.9	1.9
Additional state loan 2008	0.4	0.4	0.4	0.4	0.4
Prepayment on debt	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)
	\$ 15.4	\$ 24.8	\$ 27.0	\$ 27.0	\$ 26.8

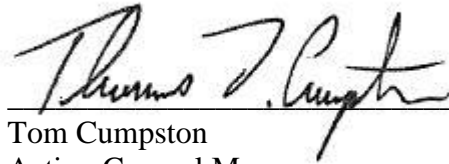
Because of the current market conditions staff is now looking at refinancing about half of the 2008 Variable Rate Obligation (VRDO) COPs. The goal of the refinancing would be to retain a similar maturity schedule of the current 2008 issue, shift from variable to fixed interest rate hopefully at less than 3.0% interest, and reduce, by ½, the letter of credit fee currently paid which supports the VRDO debt. In tandem with this transaction staff would pursue extending the current letter of credit fee which expires in February of 2017.

Board Decision/Options:

No action. Information only.



Mark T. Price, CPA
Finance Director



Tom Cumpston
Acting General Manager



El Dorado Irrigation District

June 30, 2016 Financial Update

El Dorado Irrigation District
August 8, 2016

2016 2nd Quarter Financial Update



14,373	
19,627	
7,108	
41,108	
84,022	
5000	
31,962	
27,995	
7,058	
2,210	
3,280	
3,127	
2,450	
1,633	
1,618	
1,237	
719	
560	
347	
48	
84,245	
(224)	
11,202	

EXPENDITURE	
Personnel Services	20,689
Less charged to maintenance	17,64
Sub total Personnel Services	3,0
Other Expenses	
Maintenance	
TOTAL	
Surplus before Depreciation	
Depreciation and amortisation	
Surplus after Depreciation	
Share of net profits from joint venture	
Surplus from Ordinary Activities	

Total District Revenues by Category

(in millions)

Revenue Category	2015			2016		
	6 Months Adopted Budget	June 30 Revenues	Variance Over / (Under)	6 Months Adopted Budget	June 30 Revenues	Variance Over / (Under)
Water Sales and Services	\$ 13.946	\$ 11.948	\$ (1.998)	\$ 14.175	\$ 11.956	\$ (2.219)
Wastewater Sales and Services	9.818	10.060	0.242	9.928	9.958	0.030
Recycled Water Sales	0.780	0.590	(0.190)	0.819	0.610	(0.209)
Hydropower Sales	2.500	1.658	(0.842)	4.000	4.647	0.647
Investment Income	0.275	0.216	(0.059)	0.375	0.350	(0.025)
Debt Surcharges	0.990	1.072	0.082	0.989	1.117	0.128
Property Tax	4.977	5.322	0.345	5.450	5.450	0.000
Other Income	1.003	0.436	(0.567)	1.003	0.170	(0.833)
Recreation	0.551	0.546	(0.005)	0.679	0.866	0.187
Subtotal	34.840	31.848	(2.992)	37.418	35.124	(2.294)
FCC's	2.500	8.401	5.901	2.500	5.998	3.498
Total	\$ 37.340	\$ 40.249	\$ 2.909	\$ 39.918	\$ 41.122	\$ 1.204

Budget to Actual Operating Expenses by Category (in millions)

Expense Category	2016		Variance
	6 Months Adopted Budget	June 30 Expenses	Over / (Under)
Salaries	\$ 8.968	\$ 7.810	\$(1.158)
Benefits	5.778	5.262	(0.516)
Materials and Supplies			
Operating Supplies	1.762	1.653	(0.109)
Chemicals	0.446	0.322	(0.124)
Administrative Costs	1.714	1.793	0.079
Utilities	2.301	1.552	(0.749)
Professional Services	1.773	1.607	0.166)
Repair Services	0.524	0.444	(0.080)
Insurance	0.461	0.645	0.184
Operating Capital	0.161	0.215	0.054
Contingency	0.250	0.000	(0.250)
Labor Offsets	(1.416)	(1.095)	0.321
Total	\$ 22.722	\$ 20.208	\$ (2.514)

Actual Operating Expenses by Category

(in millions)

	2015	2016	
Expense Category	June 30 Expenses	June 30 Expenses	Increase / (Decrease)
Salaries	\$ 7.733	\$ 7.810	\$ 0.077
Benefits	5.477	5.262	(0.215)
Materials and Supplies			
Operating Supplies	1.595	1.653	0.058
Chemicals	0.286	0.322	0.036
Administrative Costs	1.583	1.793	0.210
Utilities	1.197	1.552	0.355
Professional Services	1.637	1.607	(0.030)
Repair Services	0.551	0.444	(0.107)
Insurance	0.641	0.645	0.004
Operating Capital	0.238	0.215	(0.023)
Contingency	0.000	0.000	0.000
Grants	0.000	0.000	0.000
Reimbursements from Developers	0.000	0.000	0.000
Labor Offsets	(1.409)	(1.095)	0.314
Total	\$ 19.529	\$ 20.208	\$ 0.679

Revised Revenue Projections (in millions)

Revenue Category	2016 Adopted Budget	2016 Revised Projection
Water Sales and Services	\$ 28.350	\$ 28.350
Wastewater Sales and Services ⁽¹⁾	19.856	19.856
Recycled Water Sales	1.638	1.638
Hydropower Sales	8.000	6.000
Investment Income	0.750	0.750
FCCs	5.000	8.700
Debt Surcharges	1.979	1.979
Property Tax	10.900	10.900
Other Income	2.006	2.006
Recreation	1.357	1.357
Total Revenues	\$ 79.836	\$81.536

2016-2020 Financial Forecast

	-revised- Projected 2016	Projected 2017	Projected 2018	Projected 2019	Projected 2020
Total Debt Proceeds	\$ 49.3	\$ -	\$ -	\$ -	\$ -
Total revenues	81.5	82.8	85.3	87.4	89.6
Total maintenance and operation costs	46.6	47.5	48.4	49.3	50.3
Net revenues	34.9	35.3	36.9	38.1	39.3
Pre-existing state obligations	1.1	1.1	1.1	1.1	1.1
Net revenues available after pre existing obligations	33.8	34.2	35.8	37.0	38.2
Senior debt service	15.3	24.8	27.0	27.0	26.8
Cash Available from Current Year Activities for Capital Projects or Other Improvements	67.8	9.4	8.8	10.0	11.4
Cash balance - January 1	84.0	132.0	116.3	100.2	92.6
Total Cash Available for Capital Projects or Debt PrePayment	151.8	141.4	125.1	110.2	104.0
total CIP	(16.8)	(22.1)	(21.9)	(14.6)	(14.2)
Pre funding debt	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)
Cash balance - December 31	\$ 132.0	\$ 116.3	\$ 100.2	\$ 92.6	\$ 86.8
Senior debt service coverage (1.25x test)	2.21	1.38	1.33	1.37	1.43
Alternative senior debt coverage					
Total FCCs in revenue above	8.70	5.00	5.00	5.00	5.00
\$\$\$ of FCCs removed from calculation	8.70	5.00	5.00	5.00	5.00
Potential senior debt coverage (1.0x test)	1.64	1.18	1.14	1.19	1.24

2016-2020 Financial Forecast

Revised for 2016A&B bond sale

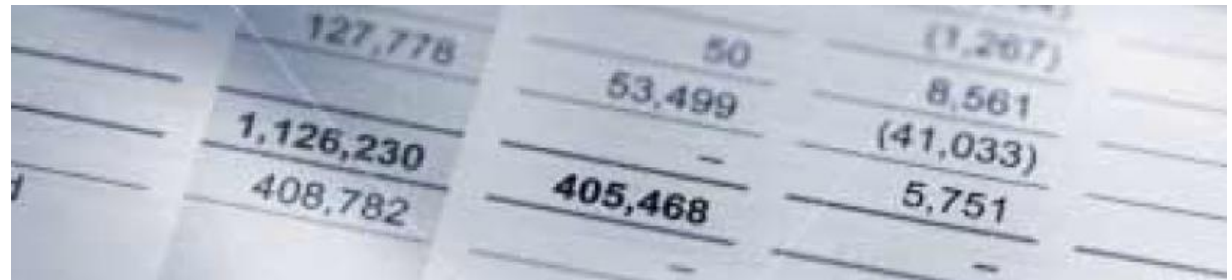
Original 2016-2020 Forecast	Projected <u>2016</u>	Projected <u>2017</u>	Projected <u>2018</u>	Projected <u>2019</u>	Projected <u>2020</u>
Senior Debt-					
2008A Installment Purchase Agreement	\$ 1.1	\$ 3.3	\$ 5.5	\$ 5.5	\$ 5.5
2009A Installment Purchase Agreement	4.2	4.2	4.2	4.2	4.3
2010A Installment Purchase Agreement	0.8	0.8	0.8	0.8	0.8
2012A Bonds	2.3	7.6	7.6	7.6	7.5
2012B Bonds	0.2	0.2	0.2	0.2	0.2
2014 Bonds	9.5	9.5	9.5	9.5	9.5
2016 Installment Purchase Agreement	1.1	2.3	2.3	2.3	2.3
Additional state loan 2008	0.4	0.4	0.4	0.4	0.4
Prepayment on debt	<u>(3.0)</u>	<u>(3.0)</u>	<u>(3.0)</u>	<u>(3.0)</u>	<u>(3.0)</u>
Total senior debt	\$ 16.6	\$ 25.3	\$ 27.5	\$ 27.5	\$ 27.5
Reduction in 2009 bonds	(0.4)	(0.9)	(0.9)	(0.9)	(4.2)
2016A - 2009 refinancing	0.1	0.8	0.8	0.8	3.9
2016B-New money issue (reduction from original forecast)	<u>(0.9)</u>	<u>(0.4)</u>	<u>(0.4)</u>	<u>(0.4)</u>	<u>(0.4)</u>
Revised senior debt total for year	\$ 15.4	\$ 24.8	\$ 27.0	\$ 27.0	\$ 26.8



Board Decision/Options

No Board Action required-Information Only

■ Discussion



127,778	50	(1,267)
1,126,230	53,499	8,561
408,782	-	(41,033)
	405,468	5,751

EL DORADO IRRIGATION DISTRICT

Subject: EID Analysis Update: Challenges Facing the District.

Previous Board Action:

December 8, 2014 – Director Coco presented a portion of his report

January 12, 2015 – Director Coco presented the final portion of his report

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

BP 12020 states in part that the Board's role is to provide oversight and direct the implementation of the District's mission. The Board will do so by deciding and monitoring policy and fiscal matters.

Board Decision/Options:

No action. Information only.

Support Documents Attached:

Attachment A: EID Analysis Update: Challenges Facing the District Director Dale Coco, M.D.



Jennifer Sullivan
Clerk to the Board

 for

Dale Coco, M.D.
Board Director

EID ANALYSIS UPDATE

Dale Coco MD

Division 4

CHALLENGES FACING THE DISTRICT

1. CIP Backlog - \$200 million
2. Unfunded pensions/PERS obligations - \$50 million
3. FERC obligation related to Project 184 - \$15 million + - (current balance of \$24 million total with about \$8 million included in the current CIP budget)
4. FCC Reserve - \$180 million + - (funds needed for the White Rock Penstock Project, growth commensurate with the General Plan, and any future expansion of the District's service area)
5. Increasing power costs - \$5 million per year + by 2030 or \$25 million + in a five-year budget cycle - (consultants estimate that power costs will double by 2030 due to the mandate that 50% of all power generated must come from renewable sources). Power cost is the second largest item in the operational budget.
6. Increasing material costs – 2% per year - (cost of materials is the third largest item in the operational budget and due to normal inflationary pressures increases by about 2% per year)
7. Employee costs – Benefits and salary costs - (the largest item in the operational budget)
8. The cost of ongoing maintenance and replacement of assets at the end-of-life - hidden faults and problems in the infrastructure coupled with increasing construction costs (currently about 3% per year compounded)
9. Water Rights Portfolio – EID's Water Rights Portfolio must be managed, maintained, and expanded as necessary to meet demand
10. Service Area – EID's future service area is undetermined

GUIDELINES

In facing these challenges, the overriding premise is that EID's customers are paramount and take precedence over any other aspects. Guidelines are:

1. Health and safety
2. Reliability
3. Service
4. The above three delivered in the most cost-effective manner possible

PREVIOUS CONCLUSIONS

The first analysis outlined how EID arrived at where it is today, summarized where EID is currently, plus offered a blueprint for moving forward in specific ways. This analysis is the second piece and focuses on the future.

EID's current customer is "supplementing" EID's previous customers' rates. EID's rates were low, historically, because of the issues outlined in the initial analysis.

1. Infrastructure was not maintained, replaced, or upgraded in order to keep rates low. This resulted in the CIP backlog, double digit rate increases, and increased debt. Today's customer is paying for that backlog. This added about \$100 million to the debt. The debt service on this \$100 million is included in today's customers' rates.
2. Previously, EID failed to comply with the Regulatory Agencies mandates. Again this resulted in a backlog of work that today's customer is paying for through rates. This also added \$100 million + to the debt. The debt service on this \$100 million is now included in today's customers' rates.
3. In the past, FCCs were used inappropriately to prevent rate increases. As a result, the FCC reserve was not funded resulting in little or no funds being available for expansion. The expansion had to come again through debt issuance.

EID must protect its future customers as well as deliver services in the most cost effective way to its present customers. Future customers should not be forced to "supplement" the rates of present customers. Therefore, these three things should be avoided:

1. Delaying projects and allowing the cost of the project to increase and promoting a backlog of projects that will eventually have to be done at the cost of rate increases to future customers.
2. Defying regulatory agencies resulting in exactly the same results as delaying projects.
3. The inappropriate use of FCCs resulting in little or no FCC reserve to fund expansion causing future customers to be responsible for that expansion through increased rates.

MEETING THE CHALLENGES

Underlying meeting the financial challenges is a solid, forward looking financial plan covering five to ten year periods that maintains our debt service ratios in order to sustain the bond ratings, provides adequate funding to meet the financial challenges, and results in the most reasonable rates possible to the customer.

Overlying meeting all of the challenges is the need for a strategic plan that integrates the financial plan, the Urban Water Management Plan, the Integrated Water Resources Plan, the Integrated Waste Water Plan, our water rights portfolio, operations, future expansion, supply and demand projections, and CIP needs.

In order to deal with the \$200 million CIP backlog, the District needs to continue its current policy of using operational funds in the budget for the smaller PAY GO projects. As the debt is paid down, the larger projects can be funded by debt issuance that replaces the amount paid down, as long as the debt does not exceed \$400 million, so that the District's debt to asset ratio remains in the moderate range. In the next ten to fifteen years the CIP backlog should be cleared, allowing the District to pay the debt down, decrease the debt service cost, and thereby take pressure off rates.

Non rate revenue can also be used to take pressure off rates. Water sales, power sales, surplus land sales and recreational revenue, along with property taxes are non-rate revenues that can be used to deal with the challenges. The revenue from water sales can be used to pay down the unfunded pension plan, for PAY GO projects, and to pay the debt down. All of which takes pressure off the need to increase rates to meet these challenges.

Inline hydro and solar fields can be used to offset yearly kilowatt usage to mitigate power costs. It is not unreasonable to estimate that EID could mitigate 30% of its power usage with the projects that are in the current plan over the next ten to fifteen years so that by 2030 EID could buffer power cost and again take pressure off the need for rate increases to cover these costs. It is not unreasonable to think that over an extended period of time, by continuing to add to the District's solar fields and hydro power production, the District could eventually become energy independent.

The District will continue to fund the FCC Reserve using a 50/50 or 40/60 split on collected FCCs making sure that FCC revenue used for maintenance meets all the criteria for those projects.

Going forward in the financial plan, a 3% per year rate increase is necessary to meet the financial challenges coupled with the use of non-rate revenues.

TARGETS

Targets for meeting these challenges in the next ten to fifteen years include the following:

1. Clearing the CIP backlog
2. Gaining control of the unfunded pension cost
3. A 30% mitigation of power use
4. Replenishment of the FCC reserve
5. Maintaining or improving the bond rating
6. Pay the debt down, decrease debt service costs, and decrease the debt to asset ratio
7. Continuing or improving cost containment measures in operations and the budget
8. Utilizing the benefits of meeting these targets to buffer rate increases to EID's customers

It is important to identify the challenges that EID faces. However, it is much more important to find solutions and means to meet those challenges. A strategic plan is necessary, as is a sound financial plan. It is the responsibility of the staff and EID's Board of Directors to successfully draft and implement these plans. Innovation, creativity, and forward thinking will be necessary to achieve this.

EL DORADO IRRIGATION DISTRICT

SUBJECT: State Legislation Update.

Prior Board Action:

Over the past twelve years, the Board has taken positions on State legislation.

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

Board Policy 12020: The Board oversees and directs the implementation of the District's mission by deciding and monitoring policy and fiscal matters.

Summary of Issues:

In cooperation with District staff, state legislative advocate Bob Reeb of Reeb Government Relations, LLC has analyzed both carry-over and newly introduced state legislation, and presently recommends that the District take positions on eight bills that could affect its interests.

Staff Analysis/Evaluation:

This year is the second half of the latest two-year legislative cycle in Sacramento. As usual, hundreds of bills were introduced and legislative hearings are underway. On March 28, 2016, Legislative advocate Bob Reeb, presented 34 bills to the Board that warranted the District's participation or monitoring. Those bills covered a wide range of subject matter, including drought, water supply planning, drinking water and wastewater regulation, human resources and labor issues, public contracts, public records, and the California Environmental Quality Act (CEQA). Fifteen of the 34 bills were spot bills.

Several of the bills considered by the Board in March have now failed passage out of policy committees or for other reasons are no longer active. At present, Mr. Reeb has identified eight bills that warrant the District's active participation. Four of these bills have not yet been considered by the Board.

A summary of the bills, and the recommended District position for each, follows. A summary and analysis of each bill are also available in Mr. Reeb's attached legislative report. Bills may be viewed by clicking on the live links in Mr. Reeb's report; hard copies are available upon request.

Mr. Reeb will be present at the Board meeting to review the bills and current events in the Capital, and to answer any questions. The four bills set in bold type below are bills not yet considered, while the one position in bold type is a change from the Board's previously adopted position.

- AB 1842 (Levine) Water: pollution/fines - Oppose
- AB 1928 (Campos) Water efficiency: landscape irrigation equipment - Favor
- AB 2444 (Garcia) California Water Quality, Coastal Protection, and Outdoor Access Improvement Act of 2016 – **Support (previously, watch)**
- **AB 2446 (Gordon) State Water Resources Control Board: Judicial Review - Watch**
- **AB 2909 (Levine) Water Transfer or Exchange - Support**
- SB 814 (Hill) Drought: excessive water use: retail water users - Oppose
- **SB 1069 (Wieckowski) Land Use: Zoning – Oppose unless amended**
- **SB 1170 (Wieckowski) Public Contracts: Water Pollution Prevention Plans - Oppose**

Board Decisions/Options:

Option 1: Approve recommendations on proposed state legislation as the District's official positions.

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

Option 3: Take no action.

Staff/General Manager Recommendation:

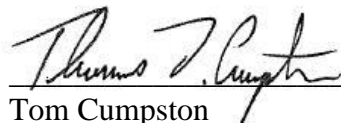
Option 1.

Supporting Documents Attached:

Attachment A: Reeb Government Relations' legislative report titled El Dorado Irrigation District 2015-16 Regular Session, Second Year – Thursday July 28, 2016



Brian D. Poulsen, Jr.
Acting General Counsel



Tom Cumpston
Acting General Manager

**El Dorado Irrigation District
2015-16 Regular Session, Second Year - Thursday, July 28, 2016**

AB 1842 (Levine D) Water: pollution: fines.

Current Text: Amended: 4/27/2016 [pdf](#) [html](#)

Introduced: 2/9/2016

Last Amend: 4/27/2016

Status: 6/29/2016-Action From E.Q.: Do pass as amended.To APPR..

Is Urgency: N

Is Fiscal: Y

Location: 6/29/2016-S. APPR.

Summary: Existing law imposes a maximum civil penalty of \$25,000 on a person who discharges various pollutants or other designated materials into the waters of the state. This bill would impose an additional civil penalty of not more than \$10 for each gallon or pound of polluting material discharged. The bill would require that the civil penalty be reduced for every gallon or pound of the illegally discharged material that is recovered and properly disposed of by the responsible party. This bill contains other related provisions and other existing laws.

Laws: An act to amend Section 5650.1 of the Fish and Game Code, and to amend Section 8670.61 of the Government Code, relating to water pollution.

Notes 1: Section 5650 of the Fish and Game Code provides that it is unlawful to deposit in, permit to pass into, or place where it can pass into the waters of this state any substance or material deleterious to fish, plant life, mammals, or bird life. Existing law (Section 5650.1) provides that every person who violates Section 5650 is subject to a civil penalty of not more than twenty-five thousand dollars (\$25,000) for each violation.

This legislation would impose an additional civil penalty of not more than \$10 for each gallon or pound of polluting material discharged. The bill would require that the civil penalty be reduced for every gallon or pound of the illegally discharged material that is recovered and properly disposed of by the responsible party.

The District's July 2013 Wastewater Facilities Master Plan states:

"The District's Sanitary Sewer Management Plan (SSMP) describes the activities the District undertakes to efficiently manage its wastewater collection system. The SSMP requires the District to identify and illustrate SSO trends, including frequency, location and volume, monitoring and SSMP performance evaluations. The collection system program components consist of preventative maintenance, repair and rehabilitation (asset management), capacity assessment, and public outreach. Board-approved goals described in the SSMP are to: (1) Maintain and improve the condition of the collection system infrastructure in order to provide reliable service now and into the future, (2) Minimize I/I in a cost-effective manner, and (3) Minimize the number of and impact of SSOs.

"The SSMP guidelines require that the District conduct monitoring, measurement, and program modifications as well as an audit every two years to determine the effectiveness of the SSMP in reducing SSOs. The audit will address the SSO issues in the collection system as well as review and provide recommendations on the preventative maintenance, asset management and public outreach programs."

According to District data from 2012, the District experienced only two SSOs that may have resulted in a discharge of wastewater to a surface water and/or drainage channel, or discharge of wastewater to a storm drainpipe which was not fully captured and returned to the sanitary sewer system. A Category 1 SSO is a discharge of wastewater equal to or greater than 1,000 gallons.

This legislation would result in increased civil penalties being imposed by the Department of Fish and Wildlife on publicly owned sewer systems that experience Category 1 SSOs. For a Category 1 SSO that results in the discharge of 1,000 gallons to a stream, for example, the existing DFW fine would be \$25,000 for a single occurrence. Under this legislation, the fine would be \$35,000 (\$25,000 + \$10,000 [1,000 gallons x \$10 per gallon]). Of course, a 10,000 gallon discharge would result in a fine of \$125,000. There is likely little justification for increasing the fine imposed by DFW aside from providing increased revenue to the department and thus relieving pressure on the State General Fund to properly fund the operational requirements of the department. Although the potential financial impact on the District should this legislation become law is difficult to determine in terms of the level of significance, the District has already invested in the means necessary to reduce SSOs and can demonstrate the effectiveness of its approach to reducing SSOs since 2010.

Existing law authorizes the State Water Resources Control Board or a regional water quality control

board to impose administrative civil liability on any person who, without regard to intent or negligence, causes or permits a hazardous substance to be discharged in or on any of the waters of the state, except in accordance with waste discharge requirements. The state board or a regional board may impose civil liability on either on a daily basis or on a per-gallon basis, but not both (subdivision (e) of Section 13350, Water Code)

The District opposes this legislation given that existing law already allows for the state board or a regional board to impose administrative civil liability as well as the Department of Fish and Wildlife on a daily basis. Not even the water boards may impose both daily and a per-gallon penalty.

Current Position: Oppose

Recommended Position: Oppose

AB 1928 (Campos D) Water efficiency: landscape irrigation equipment.

Current Text: Introduced: 2/12/2016 [pdf](#) [html](#)

Introduced: 2/12/2016

Status: 6/29/2016-From committee: Do pass and re-refer to Com. on APPR. (Ayes 6. Noes 2.) (June 28). Re-referred to Com. on APPR.

Is Urgency: N

Is Fiscal: Y

Location: 6/29/2016-S. APPR.

Calendar: 8/1/2016 10 a.m. - John L. Burton Hearing Room (4203) SENATE APPROPRIATIONS, LARA, Chair

Summary: Existing law requires, to the extent that funds are available, the State Energy Resources Conservation and Development Commission, in consultation with the Department of Water Resources, to adopt, by January 1, 2010, performance standards and labeling requirements for landscape irrigation controllers and moisture sensors and, on or after January 1, 2012, prohibits that equipment from being sold unless it meets the performance standards and labeling requirements. This bill would postpone the date by which the commission is to adopt the performance standards and labeling requirements to January 1, 2018, and would prohibit, on and after January 1, 2020, the sale of that equipment unless it meets the performance standards and labeling requirements. The bill would additionally require the commission, in adopting those standards and requirements, to consider developments in landscape irrigation efficiency occurring on or after January 1, 2010.

Laws: An act to amend Section 25401.9 of the Public Resources Code, relating to water.

Notes 1: An August 2009 Pacific Gas and Electric Company (PG&E) Codes and Standards Enhancement (CASE) Initiative Project examined the potential savings from equipment standards in California that address landscape irrigation controllers. The Department of Water Resources (DWR) reported in its 2005 California Water Plan Update that in 2000, cities and suburbs used about 8.7 million acre feet (MAF) of water and that about one-third of water used by urban areas – 3 million acre-feet (MAF) – was applied to residential and commercial, institutional, and industrial (CII) landscapes. In California, the water used to water lawns and gardens generally accounts for anywhere from 30-60% of household's potable water use. A 2003 Pacific Institute study found that significant improvements in landscape irrigation efficiency (25 -40%) could be achieved in California, cost-effectively, through a combination of better management practices, landscape design and improved hardware (Gleik et al. 2003).

The installation of smart landscape irrigation controllers, for example, could result in significant water savings in outdoor water use. PG&E notes in its report: "In addition to this embedded-energy component, most irrigation controllers either plug-in or are hardwired to the electricity grid, and consequently, consume electricity at their point-of-use. It is important that any potential appliance standard in California be evaluated from a perspective that considers the potential water savings and associated embedded-energy savings, as well as any potential direct energy savings. This report evaluates the potential savings from, and cost-effectiveness of, an appliance standard that would require all new irrigation controllers sold and installed in California to be "smart" irrigation controllers. Based on the analysis presented in this report, which assumes homes on average can achieve a relatively modest 7.3% reduction in irrigation from replacing an existing conventional controller with a smart controller, we find that at this time, such as standard is generally not cost-effective. However, additional water savings from the status quo can be achieved cost-effectively with rain shut-off devices. We recommend the CEC require that all new landscape irrigation controllers, effective January 1, 2011, be sold with a rain shut off device. This requirement would be cost-effective even in the drier areas of California and will result in significant water and energy savings. Preliminary estimate over the total water and associated embedded-energy savings are also significant: upon full stock turnover, we estimate water savings would be on the order of 45,000 million gallons, along with annual (embedded) energy savings of 135 GWh and a 13 MW reduction in peak demand."

AB 1881 (Laird, Chapter 559, Statutes of 2006) required the California Energy Commission to develop and adopt efficiency performance standards and labeling requirements for irrigation controllers and sensors by January 1, 2010, and prohibited the sale or installation of non-compliant equipment by January 1, 2012.

On July 29, 2009, the California Energy Commission committee created to pursue implementation of AB 1881 suspended its work. It found that:

"After reviewing the available information and submittals by the parties, the Committee has determined that there is insufficient technical data and analyses necessary to substantiate specific standards or labeling requirements for the landscape irrigation equipment defined in the Scoping Order.

"Public Resources Code section 25402, subdivision (c), requires the Energy Commission to set standards for appliances that use a significant amount of energy or water; that are feasible, and reduce energy or water demand growth; and do not result in any added total costs for consumers over the designed life of the appliances.

"As a result of the information gained through the staff's technical workshops and review of available studies, it is clear that initial expectations that adequate information would be available on which to base a proposed standard that met the above requirements and criteria were incorrect.

"Sufficient information on costs, actual performance, and methods to verify savings is lacking. In addition, recent studies have shown that the use of industry-preferred controllers, or "Smart Controllers", frequently increases water use as well as energy consumption. The only industry accepted test methods available for controllers do not test for water conservation, but rather measure the efficiency of applying adequate amounts of water supplies to landscapes. Industry accepted test methods, albeit under development, are not finalized for other landscape irrigation equipment, such as rain or soil moisture sensors.

"In order to develop the needed information and evidence, the Committee recognizes that significant additional time and resources are necessary to conduct the needed studies and to complete the analyses. Due to increasing Energy Commission workload and priorities and increased staff furloughs, it will be necessary to retain paid consultants to provide the Committee and staff with the necessary studies and analyses to properly conduct this proceeding. The funds to retain such consultants have not been identified, and are not provided for in the authorizing legislation, and thus such funds are not "available" as required in the Water Conservation in Landscaping Act.

"As a result, the Committee is suspending the proceeding until such time as sufficient funding resources become available to pursue and complete the evidence-gathering, studies, and analyses necessary to re-initiate the proceeding. In the interim, staff is directed, as resources are available, to work with the Department of Water Resources and other interested parties on further data gathering, studies, analyses and issue resolution."

This legislation would change the deadlines included under AB 1881. It is unclear as to whether sufficient funding sources have been identified for the CEC work; however, the Greenhouse Gas Reduction Fund might be a possibility as it was not available in 2009.

The development of state standards for landscape irrigation controllers might lead to even greater water and energy savings than that which occurs today.

Current Position: Favor

Recommended Position: Favor

AB 2444 (Garcia, Eduardo D) California Parks, Water, Climate, and Coastal Protection and Outdoor Access For All Act of 2016.

Current Text: Amended: 6/23/2016 [pdf](#) [html](#)

Introduced: 2/19/2016

Last Amend: 6/23/2016

Status: 6/29/2016-From committee: Do pass and re-refer to Com. on GOV. & F. (Ayes 6. Noes 2.) (June 28). Re-referred to Com. on GOV. & F. From committee: Do pass and re-refer to Com. on APPR. (Ayes 4. Noes 1.) (June 29). Re-referred to Com. on APPR.

Is Urgency: Y

Is Fiscal: Y

Location: 6/29/2016-S. APPR.

Calendar: 8/1/2016 10 a.m. - John L. Burton Hearing Room (4203) SENATE APPROPRIATIONS, LARA, Chair

Summary: Under existing law, programs have been established pursuant to bond acts for, among

other things, the development and enhancement of state and local parks and recreational facilities. This bill would enact the California Parks, Water, Climate, and Coastal Protection and Outdoor Access For All Act of 2016, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$3,120,000,000 pursuant to the State General Obligation Bond Law to finance a parks, water, climate, and coastal protection and outdoor access for all program. This bill contains other related provisions.

Laws: An act to add Chapter 14 (commencing with Section 5880) to Division 5 of the Public Resources Code, relating to a parks, water, climate, and coastal protection and outdoor access for all program, by providing the funds necessary therefor through an election for the issuance and sale of bonds of the State of California and for the handling and disposition of those funds, and declaring the urgency thereof, to take effect immediately.

Notes 1: As introduced, this legislation did not propose any substantive changes to existing law and, therefore, could not be referred for a policy committee hearing. The District closely monitored the legislation, however, given its subject matter in that it could provide future state financial assistance to local agencies that operate outdoor recreational facilities.

Subsequent amendments to this legislation added provisions that would place a state general obligation bond proposal before voters on the November 2016 ballot. Reeb Government Relations identified several chapters in the legislation that might benefit the District in that the District could compete for state financial assistance for camp ground and trail improvement projects that would reduce the reliance on District hydroelectric project revenues and recreational user fee revenues to pay for such projects. Working with District staff, we identified the types of projects in which the District would be interested. Reeb Government Relations drafted a set of amendments to the legislation and, upon direction from District staff, communicated with the author that the District could support the legislation if the amendments were accepted.

The current version of AB 2444 would make the District eligible for Roberti-Z'berg-Harris recreational funding to provide new recreational opportunities in rural communities that have demonstrated deficiencies and lack of outdoor infrastructure in support of economic and health-related goals. Projects that propose to acquire and develop lands to enhance residential recreation while promoting the quality of tourism experiences and the economic vitality of the community would be eligible for funding. These enhancements may include accessibility for individuals with disabilities, trails, bikeways, regional or destination-oriented recreational amenities. Other amendments to the legislation include the addition of funding for trail improvement projects to prevent soil erosion and camp ground projects to improve access for individuals with disabilities.

Finally, the legislation would allocate \$22.5 million to the Sierra Nevada Conservancy, which would be authorized to partner with local agencies to fund open space acquisition or projects that might benefit water quality and water supply.

Current Position: Support if amended

Recommended Position: Support (Ratify Staff Position)

AB 2446 (Gordon D) State Water Resources Control Board: judicial review.

Current Text: Amended: 5/10/2016 [pdf](#) [html](#)

Introduced: 2/19/2016

Last Amend: 5/10/2016

Status: 6/29/2016-From committee: Do pass and re-refer to Com. on APPR. (Ayes 5. Noes 2.) (June 28). Re-referred to Com. on APPR.

Is Urgency: N

Is Fiscal: Y

Location: 6/29/2016-S. APPR.

Summary: Existing law, the Porter-Cologne Water Quality Control Act, within 30 days of any action or failure to act by a California regional water quality control board under specified law, authorizes an aggrieved person to petition the State Water Resources Control Board to review that action or failure to act. Existing law authorizes the state board, in the case of such a review, upon notice and hearing, if a hearing is requested, to stay in whole or in part the effect of the decision and order of a regional board or of the state board. This bill would expand that provision to authorize the state board to issue a stay in the case of review by the state board of a decision or order issued under authority delegated to an officer or employee of the state board where the state board by regulation has authorized a petition for reconsideration by the state board. The bill would generally require the state board to issue or deny the stay within 90 days of receipt of a request for stay, as specified, and would deem the request for stay denied if the state board fails to issue or deny the stay within the prescribed applicable period. The bill would authorize any aggrieved party, within 30 days of any order of the state board issuing or denying a stay or within 30 days of a stay being deemed denied, to file with the

superior court a petition for writ of mandate and would specify the law that governs those proceedings. This bill contains other related provisions and other existing laws.

Laws: An act to amend Section 116700 of the Health and Safety Code, and to amend Sections 13321, 13330, and 13361 of the Water Code, relating to the State Water Resources Control Board.

Notes 1: As introduced, this legislation did not propose any substantive changes to existing law and, therefore, could not be referred for a policy committee hearing. The District closely monitored the legislation, however, given its subject matter relating to protection of the state's land and water resources.

AB 2446 generally would prohibit any legal or equitable process from issuing in any proceeding in any court against the state board, a regional board, or any officer of the state board or a regional board to review, prevent, or enjoin any adjudicative proceeding under the act, or a decision or order by the state board or a regional board before a decision or order is issued and the procedures for administrative review of that decision or order have been exhausted.

Subsequent amendments to the legislation raised concerns about the effect of AB 2446 should it become law. The Federal Energy Regulatory Commission (FERC) cannot issue a new license for a hydroelectric project pursuant to Section 401 of the Federal Clean Water Act until a state's water quality agency issues a certificate - called a "401 certificate" - stating that the new license will comply with applicable water quality requirements. The State Water Resources Control Board (SWRCB) issues 401 certificates for hydroelectric projects in California. The SWRCB has delegated authority to issue 401 certificates to its Executive Director, who can issue those certificates without any public process. These certificates may require hydroelectric project owners and operators to take numerous actions not directly related to water quality, including fish passage at dams and streamflow for whitewater recreation. Existing state law authorizes the FERC project applicant to seek reconsideration by the SWRCB itself of a 401 certificate issued by its Executive Director, but there is no time period specified in statute for the SWRCB to complete reconsideration.

The amendments to the legislation could result in a project owner like EID to be compelled by FERC to comply with 401 certificate terms that the SWRCB might eventually change. Such a result would not be consistent with due process because those mandates would have resulted from SWRCB procedures that involved no public hearing, no public comment and no public involvement. For example, FERC could impose new, very expensive license conditions on a project owner based on the Executive Director's 401 certificate during the pendency of a project applicant seeking reconsideration. A project owner like EID must have the opportunity to seek a stay of such a 401 certificate from a superior court as soon as the Executive Director issues it, if necessary, and should not be required to wait through the SWRCB's potentially indefinite reconsideration, which could take years to complete. AB 2446 would have prohibited a superior court from issuing such a stay because it would require a hydroelectric project owner to wait until the SWRCB itself completes its reconsideration before going to court.

District staff authorized a change in position from "watch" to "oppose unless amended" and the District joined Yuba County Water Agency and other Sierra Nevada-based local agency FERC license holders to seek amendments to AB 2446. Working with these other agencies, the District and others were able to engage the State Water Resources Control Board, the sponsor of the legislation, in discussions regarding amendments to the legislation. The amendments would generally require the state board to issue or deny a stay within 90 days of receipt of a request for stay, as specified, and would deem the request for stay denied if the state board fails to issue or deny the stay within the prescribed applicable period. The bill would authorize any aggrieved party, within 30 days of any order of the state board issuing or denying a stay or within 30 days of a stay being deemed denied, to file with the superior court a petition for writ of mandate and would specify the law that governs those proceedings. The amendments were accepted by the author and the District removed its opposition.

Current Position: Oppose unless amended

Recommended Position: Watch (Ratify Staff Position)

AB 2909 (Levine D) Water: transfer or exchange: expedited review.

Current Text: Amended: 6/21/2016 [pdf](#) [html](#)

Introduced: 3/9/2016

Last Amend: 6/21/2016

Status: 6/30/2016-From committee: Amend, and do pass as amended and re-refer to Com. on APPR. (Ayes 8. Noes 0.) (June 28).

Is Urgency: N

Is Fiscal: Y

Location: 6/30/2016-S. SECOND READING

Calendar: 8/1/2016 #16 SENATE SEN SECOND READING FILE - ASSEMBLY BILLS

Summary: Under existing law, the State Water Resources Control Board administers a water rights program pursuant to which the board grants permits and licenses to appropriate water. Existing law provides procedures for a permittee or licensee to temporarily change the point of diversion, place of use, or purpose of use due to a transfer or exchange of water or water rights, as specified. This bill would require the board to develop and implement an expedited 30-day review process for approval of petitions to temporarily change the point of diversion, place of use, or purpose of use due to a transfer or exchange of water or water rights if the transfer is for a reoccurring water transfer, as defined, or an environmentally beneficial transfer, as defined. The bill would require the Department of Water Resources to develop a 30-day review process for reoccurring water transfers between contractors for State Water Project water and for reoccurring water transfers that utilize facilities of the State Water Project. The bill would repeal its provisions as of January 1, 2022.

Laws: An act to add Section 1733 to the Water Code, relating to water.

Notes 1: District staff and Reeb Government Relations have spent significant time and effort this legislative session working on legislation relating to water transfers. The District last year completed its initial water transfer transaction with Westlands Water District and would like to avail itself of the ability to engage in similar transfers in the future, as well as engage in transfers that are based on conserved water. One effort involved working with the Association of California Water Agencies in their effort to develop and adopt a policy framework that included principles and recommendations for water transfers in California. One of the recommendations related to conservation-based water transfers. This policy framework led to negotiations between ACWA and Environmental Defense Fund, sponsor of AB 2304 by Assemblymember Marc Levine. That effort ultimately failed and the author dropped the legislation. AB 2909 represents an attempt by Levine to accomplish some water transfer reform this year.

AB 2909 was gutted and amended by the author in June and would require the State Water Resources Control Board and the Department of Water Resources to develop and implement expedited review and approval processes relating to reoccurring water transfers, as defined. District staff and Reeb Government Relations worked directly with the author's staff to ensure the provisions of the legislation would not harm the District's interests in pursuing water transfers in the future, and if possible, would provide greater efficiencies (and thus cost savings) in conducting certain transactions that were substantially similar to prior transfers initiated by the District. The District also worked closely with Metropolitan Water District of Southern California--a significant participant in water transfers and shaping water transfer policy in California. The latter effort has led to conversations between District and MWD staff regarding conservation-based water transfers. MWD is a State Water Contractor and it and the Department of Water Resources, which operates the State Water Project, had previously objected to such transfers, despite state law that specifically provides the legal basis for these types of transfers. These conversations between District and MWD staffs, supported by Reeb Government Relations, could lead to significant change in the manner in which DWR and the Bureau of Reclamation view conservation-based transfers.

As for AB 2909, District staff authorized a 'support if amended' position on the legislation and Reeb Government Relations was successful in securing amendments. District staff authorized a 'support' position. AB 2909 would require the state board to develop and implement an expedited 30-day review process for approval of petitions to temporarily change the point of diversion, place of use, or purpose of use due to a transfer or exchange of water or water rights if the transfer is for a reoccurring water transfer, as defined, or an environmentally beneficial transfer, as defined. The bill would require the Department of Water Resources to develop a 30-day review process for reoccurring water transfers between contractors for State Water Project water and for reoccurring water transfers that utilize facilities of the State Water Project. The bill would repeal its provisions as of January 1, 2022.

While the fate of AB 2909 remains uncertain, the District has gained the respect of Assemblymember Levine and his staff for its constructive engagement on the legislation. Levine chairs the Water, Parks & Wildlife Committee. Further, discussions with MWD that arose out of the development of the ACWA policy framework could lead to tremendous benefits for the District.

Current Position: Support

Recommended Position: Support (Ratify Staff Position)

SB 814

(Hill D) Drought: excessive water use: urban retail water suppliers.

Current Text: Amended: 6/21/2016 [pdf](#) [html](#)

Introduced: 1/4/2016

Last Amend: 6/21/2016

Status: 6/30/2016-Read second time. Ordered to third reading.

Is Urgency: N

Is Fiscal: Y

Location: 6/30/2016-A. THIRD READING

Calendar: 8/1/2016 #91 ASSEMBLY THIRD READING FILE - SENATE BILLS

Summary: The California Constitution declares the policy that the water resources of the state be put to beneficial use to the fullest extent of which they are capable, that the waste or unreasonable use or unreasonable method of use of water be prevented, and that the conservation of such waters is to be exercised with a view to the reasonable and beneficial use of the waters in the interest of the people and for the public welfare. Existing law requires the Department of Water Resources and the State Water Resources Control Board to take all appropriate proceedings or actions to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water in this state. Existing law authorizes any public entity, as defined, that supplies water at retail or wholesale for the benefit of persons within the service area or area of jurisdiction of the public entity to, by ordinance or resolution, adopt and enforce a water conservation program to reduce the quantity of water used for the purpose of conserving the water supplies of the public entity. Existing law provides that a violation of a requirement of a water conservation program is a misdemeanor punishable by imprisonment in a county jail for not more than 30 days, or by a fine not exceeding \$1,000, or both. This bill would declare that during prescribed periods excessive water use by a residential customer in a single-family residence or by a customer in a multiunit housing complex, as specified, is prohibited. This bill, during prescribed periods, would require each urban retail water supplier to establish a method to identify and discourage excessive water use. This bill would authorize as a method to identify and discourage excessive water use the establishment of a rate structure that includes block tiers, water budgets, or rate surcharges over and above base rates for excessive water use by residential customers. This bill would authorize as a method to identify and discourage excessive water use the establishment of an excessive water use ordinance, rule, or tariff condition that includes a definition of or procedure to identify and address excessive water use, as prescribed, and would make a violation of this excessive water use ordinance, rule, or tariff condition an infraction or administrative civil penalty and would authorize the penalty for a violation to be based on conditions identified by the urban retail water supplier. By creating a new infraction, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

Laws: An act to add Chapter 3.3 (commencing with Section 365) to Division 1 of the Water Code, relating to water.

Notes 1: This legislation would mandate an urban retail water supplier to determine a water budget for each parcel within its service area. Based on that determination, water use above the allotted budget would be considered an excess use constituting a "waste and unreasonable use." This bill would prohibit excessive water use by a residential customer and would make a violation of this prohibition an infraction punishable by a fine of at least \$500 per 100 cubic feet of water used above the excessive water use definition in a billing cycle. This bill would provide that these provisions apply only during a period for which the Governor has issued a proclamation of a state of emergency based on drought conditions.

The California Public Records Act requires that public records, as defined, be open to inspection at all times during the hours of a state or local agency and that every person has a right to inspect any public record, with specified exceptions. Existing law prohibits the act from being construed to require the disclosure of certain information concerning utility customers of local agencies, with specified exceptions.

This bill would require certain information about residential customers that violate the prohibition on excessive water use to be made available under the act upon request.

Article X, Section 2 of the California Constitution requires that all uses of the waters of the state be both reasonable and beneficial. It has been interpreted by the courts to place a limitation on the exercise of water rights by prohibiting the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water. It is clear, however, that the interpretation of what constitutes a "wasteful" use can vary significantly based on individual circumstances and may depend on decision orders adopted by the State Water Resources Control Board or the courts. Somewhat related, the Public Trust Doctrine imposes legal responsibilities on the State of California to protect trust resources inherent in natural watercourses, including navigation, fisheries, recreation, ecological preservation and other beneficial uses of the waters of the state. State Board and judicial decisions mostly address the exercise of water rights and do not tread on the use of water by the customer of an urban retail water supplier. While suppliers are authorized to impose conservation standards and adopt resolutions, ordinances and policies regarding water waste, the latter typically addresses runoff from an individual parcel.

This legislation appears to move the notion of waste and unreasonable use from the exercise of water rights to water use by a property owner or tenant. While some suppliers have chosen to adopt a water budget for individual parcels and adopt a water rate structure that "penalizes" water use above that budget, this bill would impose a similar approach on all urban water suppliers during a drought emergency. This would remove the ability of a local elected board of directors to determine the best

manner to manage a public water system. For example, EID has complied with water conservation targets imposed by the State Water Board without having established a water budget for each parcel in its service area. And, the District may impose financial penalties for excessive use without moving to impose an infraction on a customer.

This legislation also moves to allow an urban water supplier to, in essence, publicly shame a customer for excessive water use, which may or may not be an effective approach to addressing excessive use, but raises privacy concerns, let alone the ability of a supplier to maintain good will with its customers.

Current Position: Oppose

Recommended Position: Oppose

SB 1069 **(Wieckowski D) Land use: zoning.**

Current Text: Amended: 6/16/2016 [pdf](#) [html](#)

Introduced: 2/16/2016

Last Amend: 6/16/2016

Status: 6/30/2016-From committee: Do pass and re-refer to Com. on APPR. (Ayes 6. Noes 2.) (June 29). Re-referred to Com. on APPR.

Is Urgency: N

Is Fiscal: Y

Location: 6/30/2016-A. APPR.

Summary: The Planning and Zoning Law authorizes the legislative body of a city or county to regulate, among other things, the intensity of land use, and also authorizes a local agency to provide by ordinance for the creation of 2nd units in single-family and multifamily residential zones, as specified. That law makes findings and declarations with respect to the value of 2nd units to California's housing supply. This bill would replace the term "second unit" with "accessory dwelling unit" throughout the law. The bill would additionally find and declare that, among other things, allowing accessory dwelling units in single-family or multifamily residential zones provides additional rental housing stock and these units are an essential component of housing supply in California. This bill contains other related provisions and other existing laws.

Laws: An act to amend Sections 65582.1, 65583.1, 65589.4, 65852.150, 65852.2, and 66412.2 of the Government Code, relating to land use.

Notes 1: As introduced, this legislation did not contain substantive provisions and was not being monitored by the District. The bill would add findings and declarations to state housing law that allowing 2nd units in single-family or multifamily residential zones would provide additional rental housing stock in California.

Subsequent amendments to the legislation provided that fees charged for the construction of accessory dwelling units (ADU) shall be determined in accordance with Chapter 5 (commencing with Section 66000) of the Government Code. And, that accessory dwelling units shall not be considered new residential uses for the purposes of calculating private or public utility connection fees, including water and sewer service. The effect of the latter provision would be to preclude the District from imposing and collecting a connection fee, whenever a new connection was required to service an ADU, or to impose a capacity charge on the ADU. This result would shift the usual costs attributable to a development project to existing District ratepayers and taxpayers and could expose the District to litigation based on proportionality and reasonable cost of service requirements under the Developer Fee Mitigation Act (Chapter 7 (commencing with Section 66012) of the Government Code.

District staff authorized an 'oppose unless amended' position on SB 1069 and Reeb Government Relations began working with ACWA, California Association of Sanitation Agencies and other local government organizations and their members in an effort to negotiate amendments with proponents of the bill and the author. After many months of discussions, it now appears that a compromise has been reached (although amendments to the legislation are pending). An ADU that is attached to the main dwelling unit would not have to pay a connection fee or capacity charge, but an unattached ADU would be subject to both a fee and a charge, as applicable.

Current Position: Watch

Recommended Position: Oppose unless amended (Ratify Staff Position)

SB 1170 **(Wieckowski D) Public contracts: water pollution prevention plans: delegation.**

Current Text: Amended: 5/31/2016 [pdf](#) [html](#)

Introduced: 2/18/2016

Last Amend: 5/31/2016

Status: 6/30/2016-From committee: Do pass and re-refer to Com. on APPR. (Ayes 6. Noes 2.) (June

29). Re-referred to Com. on APPR.

Is Urgency: N

Is Fiscal: Y

Location: 6/30/2016-A. APPR.

Calendar: 8/3/2016 9 a.m. - State Capitol, Room 4202 ASSEMBLY APPROPRIATIONS, GONZALEZ, Chair

Summary: Existing law prohibits a local public entity, charter city, or charter county from requiring a bidder on a public works contract to assume responsibility for the completeness and accuracy of architectural or engineering plans and specifications on public works projects, except as specified. This bill, except as specified, would prohibit a public entity, charter city, or charter county from delegating to a contractor the development of a plan, as defined, used to prevent or reduce water pollution or runoff on a public works contract. The bill would also prohibit a public entity, charter city, or charter county from requiring a contractor on a public works contract that includes compliance with a plan to assume responsibility for the completeness and accuracy of a plan developed by that entity. The bill would provide that these prohibitions do not apply to contracts that use specified procurement methods if the contractor or construction manager at risk is required by the bid or procurement documents to retain a plan developer for the project owners. The bill would also declare that this is a matter of statewide concern. The bill would state that its provisions are declaratory of existing law, as specified. This bill contains other related provisions and other existing laws.

Laws: An act to add Section 7107.5 to the Public Contract Code, relating to public contracts.

Notes 1: This bill would prohibit a public entity from delegating to a contractor the development of a stormwater pollution prevention plan (SWPPP) used to prevent or reduce water pollution or runoff on a public works contract. The bill would also prohibit a public entity from requiring a contractor on a public works contract that includes compliance with a plan to assume responsibility for the completeness and accuracy of a plan developed by that entity.

The bill represents yet another in a series of legislation over the past decade whereby the private construction contractor interests seek to shift responsibility and liability from the contractor to the public entity. Public Contract law has as its basis the ultimate goal of protecting the interests of the taxpayer (and ratepayer). Legislation like SB 1170, however, seeks to protect the interests of the contractor.

The various statewide local government associations took the lead in fighting SB 1170. The bill moved through the Senate and into the Assembly with relative ease. At that point, association members became involved to assist the associations' lobbying efforts. The legislation cleared the Assembly policy committee and is set for hearing in the Appropriations Committee. District staff and Reeb Government Relations have contacted Assemblymember Bigelow, who is the vice chairman to express opposition to the legislation.

Should SB 1170 become law, the District would have to separately pursue a contract with an expert to develop a SWPPP. This would result in increased costs due to separating the SWPPP contract procurement process from the bid award process for construction. It also creates a greater risk of pollution occurring due to stormwater runoff since the contractor is not responsible for the SWPPP development. Changing conditions on the construction project site cannot be fully foreseen and, instead of the contractor being primarily responsible to react to changes onsite, the SWPPP contractor would have to closely monitor the work site, which would also increase costs. District exposure to change orders would also be increased.

Current Position: Watch

Recommended Position: Oppose (Ratify Staff Position)

Total Measures: 8

Total Tracking Forms: 8

STATE LEGISLATION UPDATE

El Dorado Irrigation District

August 8, 2016

PRIOR BOARD ACTION

Over the past twelve years, the Board has taken positions on State legislation.

BOARD POLICY, ADMINISTRATIVE REGULATIONS, AND BOARD AUTHORITY

Board Policy 12020: The Board oversees and directs the implementation of the District's mission by deciding and monitoring policy and fiscal matters.

SUMMARY OF ISSUES

Bob Reeb of Reeb Government Relations, LLC, has continued to analyze state legislation, and presently recommends that the District take positions on eight bills that could affect its interests.

STAFF ANALYSIS/EVALUATION

- ▣ 2016 is the second half of the latest two-year legislative cycle in Sacramento.
- ▣ On March 28, 2016, the Board took positions on 34 bills.
- ▣ The bills covered a wide range of subject matter, including drought, water supply planning, drinking water and wastewater regulation, human resources and labor issues, public contracts, public records, and the California Environmental Quality Act (CEQA).
- ▣ Fifteen of the 34 bills were spot bills.

STAFF ANALYSIS/EVALUATION

- ▣ Several of the bills considered by the Board in March have now failed passage out of policy committees or for other reasons are no longer active.
- ▣ Mr. Reeb now recommends positions on eight bills ranging from “oppose” to “support.”
- ▣ Four are bills the Board has not yet considered and one is a new position on a bill already considered.

STAFF ANALYSIS/EVALUATION

- ▣ Mr. Reeb will provide summary of the bills and the recommended District position for each.
- ▣ Mr. Reeb's legislative report, included in the Board Packet, includes a summary and analysis of each bill.

STAFF

ANALYSIS/EVALUATION

- ▣ AB 1842 (Levine) Water: pollution/fines - Oppose
- ▣ AB 1928 (Campos) Water efficiency: landscape irrigation equipment - Favor
- ▣ AB 2444 (Garcia) California Water Quality, Coastal Protection, and Outdoor Access Improvement Act of 2016 – **Support (previously, watch)**
- ▣ AB 2446 (Gordon) State Water Resources Control Board: Judicial Review - **Watch**
- ▣ AB 2909 (Levine) Water Transfer or Exchange - **Support**
- ▣ SB 814 (Hill) Drought: excessive water use: retail water users - Oppose
- ▣ SB 1069 (Wieckowski) Land Use: Zoning – **Oppose unless amended**
- ▣ SB 1170 (Wieckowski) Public Contracts: Water Pollution Prevention Plans - **Oppose**

BOARD DECISIONS/OPTIONS

- ▣ Option 1: Approve recommendations on proposed state legislation as the District's official positions.
- ▣ Option 2: Take other action as directed by the Board.
- ▣ Option 3: Take no action.

STAFF/GENERAL MANAGER'S RECOMMENDATION

OPTION 1

QUESTIONS
OR
COMMENTS?

EL DORADO IRRIGATION DISTRICT

Subject: Consideration to award a professional services agreement with California Laboratory Services in the not-to-exceed amount of \$457,794 over three years to perform wastewater and recycled water regulatory laboratory analyses for the District.

Previous Board Actions:

March 22, 2010 – Awarded a sole-source professional services agreement to Sierra Foothill Laboratories, Inc. (SFL) in the not-to-exceed amount of \$265,000 per year for performance of all water and wastewater regulatory laboratory testing for the District for a term of 3 to 5 years;

October 13, 2013 – Awarded on-call professional services contracts to three firms for regulatory laboratory testing from January 1, 2014 through December 31, 2016.

May 9, 2016 – Awarded a professional services agreement to Excelchem Environmental Laboratory (“Excelchem”) in the not-to-exceed amount of \$247,607 over three years to perform wastewater and recycled water regulatory laboratory analyses for the District.

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

BP 3060 and AR 3061.04 require Board approval of contracts greater than \$50,000.

Summary of Issue(s):

Extensive laboratory testing and analysis is required to meet regulatory requirements imposed on the District’s wastewater and recycled water operations. To save costs, District staff solicited proposals to consolidate contracted wastewater and recycled water lab services into a single agreement. Staff evaluated California Laboratory Services as the best option for the consolidated lab services but recommended award of the contract to Excelchem on May 9, 2016, as a cost-saving alternative. Excelchem failed to meet USEPA requirements for laboratory handling and analyses. Consequently, the District terminated its contract with Excelchem. Staff recommends award of the contract for these consolidated services to California Laboratory Services for three years, in the not-to-exceed amount of \$457,794.

Staff Analysis / Evaluation:

Background

Regulations and permits governing the District’s wastewater and recycled water operations require extensive laboratory testing and reporting. The expertise and reliability of the lab is critical to protecting ratepayers and the environment.

Prior to 2010, the District performed much of the required wastewater laboratory testing and analysis in-house. In 2010, as part of a reduction in staffing, the District outsourced laboratory analyses, saving approximately \$536,000 annually in operating costs. Initially, the District contracted with Sierra Foothill Lab (“SFL”) and leased the District’s laboratory space at the El Dorado Hills Wastewater Treatment Plant to that firm. In 2013, SFL cancelled the lease agreement. In 2014, SFL cancelled their contract with the District for lab services.

SFL subsequently went out of business. In 2013, the District created options for laboratory services by soliciting services through the “on-call” process and awarded on-call contracts to three firms. Since that time, the District has awarded numerous separate contracts for laboratory services to its on-call labs based on the requirements for each permitted facility (Deer Creek, Camino Heights, El Dorado Hills). In an effort to further reduce the costs for laboratory services, District staff solicited proposals earlier this year for one single, consolidated contract for wastewater/recycled water laboratory testing.

On May 9, 2016, staff evaluated California Laboratory Services as the best option for the consolidated lab services but recommended award of the contract to Excelchem, whose proposal was significantly less expensive, in an effort to provide increased cost savings for our ratepayers. Unfortunately, this strategic choice has put the District at risk. Since Excelchem started providing lab services (June 1, 2016), the District has had numerous lab error induced issues and consequent permit violations. Specifically, Excelchem has put the District at risk by not meeting numerous USEPA requirements for laboratory protocols and not following *Standard Methods* which delineates the USEPA approved methods for sampling and testing water to assure permit compliance.

The State Water Board, Division of Drinking Water operates the Environmental Laboratory Accreditation Program (ELAP). When issues with the contractor arose, the District provided detailed information to ELAP and asked for assistance in bringing Excelchem into compliance. No progress has been made to date; the same issues have continued in the July data submittals from Excelchem. Staff has canceled the District’s contract with Excelchem.

Professional Service Selection Process

Request for Laboratory Service Proposals

On March 22, 2016, the District sent a Request for Proposals (RFP) for wastewater/recycled water laboratory services to ten laboratories. On March 23, 2016, the District advertised the RFP in the Sacramento Bee, and sent it to one additional firm. The RFP specified the numerous laboratory tests that the District is seeking to have performed, including specialized toxicity testing. The RFP indicated that firms could submit proposals that include laboratory testing, including the specialized toxicity testing, or proposals on the specialized toxicity testing only. On April 8, 2016, the District received the following proposals (six for full service and three for toxicity testing only):

Proposal Fee Summary

Full Service (including toxicity testing)	Fee Proposal including Courier Service
Excelchem Environmental Laboratory	\$225,097
BC Laboratories, Inc.	\$363,442
Alpha Analytical Laboratories, Inc.	\$370,670
FGL Environmental	\$386,950
California Laboratory Services	\$416,176
Diamond Water Laboratory	\$490,894

Toxicity Testing Only	Fee Proposal including Courier Service
Nautilus Environmental	\$119,200
Pacific Ecorisk	\$137,745
Aqua science Environmental Toxicology Specialists	\$143,190

Proposal Evaluation and Ranking

Three operations staff members evaluated and ranked the proposals. The proposals were measured against the following predetermined criteria established in the RFP.

- Responsiveness to RFP
- Experience and expertise on similar projects
- Project team makeup and capabilities
- Rates and charges, affordability and reasonableness of cost for expertise required
- Client references

The ranking system was on a scale from 1 (poor) to 5 (excellent). The total possible points for each proposer was 75. The points and ranking are as follows:

Full Service (including toxicity testing)	RFP Points
California Laboratory Services	59
Excelchem Environmental Laboratory	52
Alpha Analytical Laboratories, Inc.	44
Diamond Water Laboratory	43
BC Laboratories, Inc.	39
FGL Environmental	32

Toxicity Testing Only	RFP Points
Aqua science Environmental Toxicology Specialists	62
Nautilus Environmental	60
Pacific EcoRisk	59

California Laboratory Services and Excelchem were the clear front-runners among the full-service laboratories. Excelchem was unable to meet the requirements of the District's wastewater / recycled water regulatory permits during the months of June and July 2016. Hence, staff now recommends replacing Excelchem with California Laboratory Services. A 10% contingency is included for unexpected analyses, increasing the not-to-exceed three-year contract amount to \$457,794.

Board Decisions/Options:

Option 1: Award a professional services agreement with California Laboratory Services in the not-to-exceed amount of \$457,794 over three years to perform wastewater and recycled water regulatory laboratory analyses for the District.

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

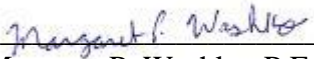
Option 3: Take no action.

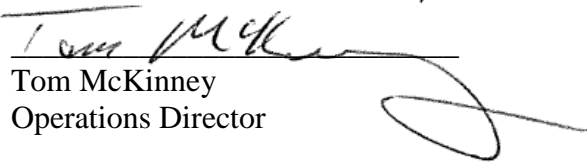
Staff/General Manager's Recommendation :


Option 1.

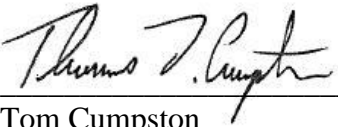
Supporting Documents Attached:

Attachment A: California Laboratory Services Proposal received 4/7/2016.


Margaret P. Washko, P.E.
Wastewater/Recycled Water Division Manager


Tom McKinney
Operations Director


Brian Poulsen
Acting General Counsel


Tom Cumpston
Acting General Manager

El Dorado Irrigation Proposal

RFP16-07

Submitted by California Laboratory Services

Scott Jensen
President
4/7/2016

EID Proposal RFP16-07

Section 1 – Scope of Work

California Laboratory Services will be submitting costs for laboratory analytical services as described in Attachment 1 to Exhibit A (Lab Sampling Plan for El Dorado Hills, Deer Creek and Camino Heights WWTP's). We feel we are exceptionally positioned to continue to provide support to El Dorado Irrigation District for the contract period; our historical knowledge of your samples provides us with a key insight into your discharge levels and what El Dorado Irrigation District is expecting to see from your discharges. With the exception of two analyses required on this proposal, all analytical work required will be performed at California Laboratory Services. The two analyses not performed are listed below and will be performed under valid ELAP certificates through reputable laboratories. With the ability to perform the majority of the work in house, this will in turn allow El Dorado Irrigation District the opportunity to keep samples in tact, reduce shipping costs and avoid unnecessary time managing multiple reports from multiple laboratories.

- Low Level Mercury, EPA 1631; Basic Laboratory – ELAP Number 1677 (attached)
- Wet Testing (Acute, Chronic, Accelerated, TRE); Diamond Water Laboratory – ELAP 2113 (attached)
- All Other Analyses will be Performed here at California Laboratory Services – ELAP 1233 (attached)
- California Laboratory Services will provide all reports with our standard data package:
 - MB, LCS/LCSD and MS/MSD
- California Laboratory Services standard report will include your sample description, an alpha numeric project number, date and time sampled, date and time analyzed, method reporting limit, QA/QC summary with any analytical explanations and a copy of the complete Chain of Custody. Past experience with El Dorado Irrigation District has requested the reporting of MDL/J flag values for your analytical reports; California Laboratory Services are perfectly positioned to continue to offer the services that El Dorado Irrigation District have come to enjoy and respect.
- California Laboratory Services will provide a PDF along with any special EDD requests; a few examples are Excel, Write-On, Geotracker and EQUIS. We are aware of the upcoming change in reporting formats and will work with our software developers to make sure we can provide the format El Dorado Irrigation District chooses to manage your analytical reports.
- California Laboratory Services will provide all required sample containers, labels, chain of custodies and coolers at no extra cost to the district. WE are very familiar with your sample drop off and pickup locations and we have worked closely with El Dorado Irrigation Staff in emergency situations or when additional samples are requiring pickup and delivery to our laboratory.

- California Laboratory Services can provide additional labor to help complete sampling projects if needed as well as courier services to the District pickup locations. California Laboratory Services is located approximately 12.5 miles from the District plant located on Latrobe Road. The close proximity makes picking up samples seven days a week very manageable for us.



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

California Laboratory Services

3249 Fitzgerald Road
Rancho Cordova, CA 95742

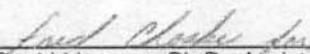
Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1233
Expiration Date: 06/30/2016
Effective Date: 07/01/2014

Richmond, California
subject to forfeiture or revocation



David Mazzera, Ph.D., Assistant Division Chief
Division of Drinking Water and Environmental Management



EID Proposal RFP16-07

Section 2 – Relative Experience and Expertise

- California Laboratory Services began working with El Dorado Irrigation District in 1999 and have continued working with numerous District staff and their distinct projects to present. The analytical testing provided throughout the years include waste water, drinking water, P184 project, Deer Creek, Camino Heights and El Dorado Hills WWTP's, Biosolid Monitoring & Groundwater Monitoring to name a few. Over the years, we have worked with several individuals employed by El Dorado Irrigation District.
- Our staff at California Laboratory Services has a combined team of over 100 years of experience in the analytical environmental chemistry market. Our talent goes beyond sending out reports but we are also here to help educate and make the appropriate decision as it relates to water and soil chemistry.
- Our clients/projects are quite diverse in scope and challenges. We support both private and municipal clients alike. A sampling of both the clients/projects are:
 - El Dorado County Environmental – Union Mine WWTP: analysis of waste water for organic, inorganic and microbiological work.
 - City of Galt: Analysis of waters and wastewaters from their WWTP as well as their drinking water distribution system for organic, inorganic and microbiological work.
 - City of Stockton Environmental Control – Various Waste Water Dischargers; analysis of wastewater for organic and inorganic work.
 - El Dorado Irrigation District – EDHWWTP, DCWWTP and Camino Heights WWTP: analysis of wastewater for organic, inorganic and microbiological work.
- Our client services staff attends to the needs of our clients providing direct and immediate assistance. Our staff has the ability, at their work station, to determine the current status of any project utilizing our LIMS system.
- California Laboratory Services has worked with major clients and regulating agencies to develop or modify current methodologies in an effort to assist with the new challenges facing our ever changing environment.
- California Laboratory Services utilizes a wide array of analytical equipment to assure the task at hand will be handled in a timely and professional manner. A sample of equipment is as follows: GC's, GCMS, HPLC, ICP, ICP/MS, IC and GFAA to name a few.
- California Laboratory Services QA program is designed to ensure reliability in the identification and measurement of analytical results. It is also designed to meet prescribed standard of performance in the analytical process as well.

- California Laboratory Services utilizes a four tiered review system; starting with our chemists, followed by their supervisor, then our QA/QC officer and finally our laboratory director.
- California Laboratory Services project teams are composed of a Project Manager, Operations Manager, Technical Manager and a QA/QC officer.
 - **Project Manager:** Has the overall responsibility for our services. The PM will coordinate each member of the team and direct Client questions and concerns.
 - **Operations Manager:** Will coordinate the efforts related to field services, sample pickups and entering all work into the laboratory LIMS system. This individual will work closely with the PM and can be utilized as a backup to the PM when warranted.
 - **Technical Manager:** This is our Laboratory Director and will handle technical questions related to your analytical data.
 - **QA/QC Officer:** Will respond to any problems or issues associated with data quality or accuracy. This manager will also be assisting in the review of all data generated by your projects.
- Our project Team has more than 60 years of combined experience in the laboratory and environmental field.
- All samples received will be handled according to EPA/Standard Methods protocol and processed according to our laboratory SOP's. Project requirements will be reviewed upon receipt of samples as well as data prior to release to EID Project Manager. If the data is in questions, we will re-analyze the samples at no cost to assure the data stands up and it is as accurate as we can make it.



EID Proposal RFP16-07

Section 3 – Project Team

Your project team is as follows:

Project Manager:	Scott Furnas, President
Technical Manager:	James Liang, Laboratory Director
QA/QC Chemist:	Janet Massingill, QA/QC Chemist
Operations Manager:	Mark Smith, Operations Manager

All Resumes, with the exception of Scott Furnas, are included in this proposal and follows this Section 3. This project team will be in place for the duration of the contract and should any personnel changes occur we will make sure to touch bases with our point of contact at EID and update, get approval and move forward.



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

Interim

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Basic Laboratory, Inc.

2218 Railroad Avenue
Redding, CA 96001

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1677**

Expiration Date: **12/31/2016**

Effective Date: **1/1/2016**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Diamond Water Laboratory

1660 Old Airport Road
Auburn, CA 95602

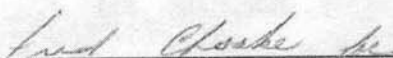
Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 2113
Expiration Date: 01/31/2016
Effective Date: 02/01/2014

Richmond, California
subject to forfeiture or revocation


David Mazzer, Ph.D., Assistant Division Chief
Division of Drinking Water and Environmental Management

EID Proposal RFP16-07

Section 4 – Quality Assurance and Control; Conflicts

- Our staff chemists first check their work which is then followed by supervisory review and then QA/QC chemists review. Should the chemist or supervisor notice any out of range or out of control limits, the method protocol will be followed. This could mean a rerun of the sample (at no additional cost) or qualifying the data.
- In general, any results falling outside of the control limits (generally set a +/- three standard deviation units) the data will require initiation of a corrective action. Whenever this situation occurs, it will be immediately brought to the attention of our QA Manager.
- The nature of the corrective action will vary depending on the interpretation of the seriousness of the situation by our QA Manager. Isolated outliers may be impossible to explain, and if warranted by previous and subsequent data, the outlier may be ignored. Constructive recurrence of outliers will be viewed as indicative of a problem situation, and the process will be reviewed.
- Most commonly, the out-of-control situation will require a series of corrective measures instituted to reestablish analytical validity. All analysis with the implicated method and instrumentation will be stopped until the problem is identified and resolved.
- Review of the most recent historical data will be made to determine the time of the first variance from valid data and data collected after that time. Whenever possible, all analyses performed after the last valid control check will be repeated.
- Immediately following resolution of the out-of-control situation, an increased percentage of spikes and replicates will assure the situation is back to normal and in control. This will continue until the QA Manager is satisfied that the total resolution of the problem has occurred.

EID Proposal RFP16-07

Section 5 – Client References

- El Dorado Irrigation District
4625 Latrobe Road
El Dorado Hills, CA 95762
Contact: John Peterson
(530) 295-6856
- City of Galt
495 Industrial Drive
Galt, CA 95632
Contact: Mark Clarkson
(209) 366-7266
- Rancho Murieta CSD
15160 Jackson Road
Rancho Murieta, CA 95683
Contact: Paul Siebensohn
(916) 354-3700
- City of Stockton
Environmental Control
2500 Navy Drive
Stockton, CA 95206
Contact: Michele Price
(209) 937-8722
- Amador Water Agency
12800 Ridge Road
Sutter Creek, CA 95685
Contact: Damon Wyckoff
(209) 257-5284



**EID Proposal
RFP16-07**

Section 6 – Contract and Insurance Requirements

California Laboratory Services have reviewed and can comply with all requirements referenced in Appendix C of the RFP. We have also provided you a copy of our Insurance Certificate, indicating El Dorado Irrigation District as additionally insured.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

5/21/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER License # 0E02096 DiBuduo & DeFendis Insurance Brokers, LLC P.O. Box 580531 Modesto, CA 95358-0071	CONTACT NAME: Virginia Cope PHONE (A/C, No, Ext): (209) 578-0183 FAX (A/C, No): (209) 578-1841 E-MAIL ADDRESS: vcope@dibu.com
INSURER(S) AFFORDING COVERAGE	
INSURER A : Ohio Casualty Insurance Company	NAIC # 24074
INSURER B : American Fire and Casualty Company	24066
INSURER C : Oak River Insurance Company	34630
INSURER D : Hiscox Insurance Company, Inc.	10200
INSURER E :	
INSURER F :	

INSURED

Global Labs, Inc. dba: California Laboratory Services
 3241 Fitzgerald Road
 Rancho Cordova, CA 95742

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X		BKO56531065	05/20/2015	05/20/2016	EACH OCCURRENCE \$ 1,000,000	
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000	
							MED EXP (Any one person) \$ 15,000	
							PERSONAL & ADV INJURY \$ 1,000,000	
B	<input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	X		BAA56531065	05/20/2015	05/20/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000	
							BODILY INJURY (Per person) \$	
							BODILY INJURY (Per accident) \$	
							PROPERTY DAMAGE (Per accident) \$	
A	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			ESA56531065	05/20/2015	05/20/2016	EACH OCCURRENCE \$ 2,000,000	
							AGGREGATE \$	
							Aggregate \$ 2,000,000	
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	X	GLWC601571	05/23/2015	05/23/2016	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
								E.L. EACH ACCIDENT \$ 1,000,000
								E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
D	Professional Liab.			ME0115269215	05/20/2015	05/20/2016	Each Claim 1,000,000	
							Ded. Each Claim 10,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: On Call Professional Services January 1, 2014 to December 31, 2016 for Water/Wastewater Laboratory Analysis Services Certificate Holder and Entities as required by written contract are listed as Additional Insured on General Liability with Primary Wording per attached company form CG8810 0413 and Additional Insured on Automobile Liability per attached company form CA8810 0113. Waiver of Subrogation applies to the above Workers Compensation policy per attached WC99 04 10B 09/14 Regarding General Liability and Automobile Liability, there is no deductible. Professional Liability Aggregate Limit including damages, Claim Expenses, but not Supplementary Payments Coverage is \$1,000,000.

CERTIFICATE HOLDER**CANCELLATION**

El Dorado Irrigation District Attn: Ilonka Weber Insurance/Risk Adminsitrator 2890 Mosquito Road Placerville, CA 95667	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
---	---



**EID Proposal
RFP16-07**

Section 7 – Addenda

- Addendum #1 – Received – 3/25/2016



**EID Proposal
RFP16-07**

Discount Payment Terms

- California Laboratory Services offer a 2% discount on invoices paid within 30 days and have honored this discount to El Dorado Irrigation District invoicing monthly.
- Bi-weekly spreadsheets are sent to Darcy Millward from our accounting department which breaks down costs associated with site specific purchase orders on file.

Attachment 3

Attachment 1 to Exhibit A

Lab Sampling Plan for El Dorado Hills, Deer Creek, and Camino Heights WWTP's

Sample Type	Total Number of Samples	Cost/test	Total Cost (Number of Samples X Cost)
Section A			
BOD	2989	\$ 25.00	\$ 74,725.00
TSS	2707	\$ 15.00	\$ 40,605.00
Ammonia Nitrogen, Total (N)	1839	\$ 22.00	\$ 40,458.00
Hardness (as CaCO ₃)	171	\$ 20.00	\$ 3,420.00
Nitrate Nitrogen, Total (as N)	1839	\$ 6.00	\$ 11,034.00
Nitrite Nitrogen, Total (as N)	243	\$ 6.00	\$ 1,458.00
Total Coliform	2134	\$ 28.00	\$ 59,752.00
Specific Conductivity	1842	\$ 3.00	\$ 5,526.00
alpha BHC	21	\$ 75.00	\$ 1,575.00
Bis (2-ethylhexyl) phthalate	12	\$ 150.00	\$ 1,800.00
Bis (2-chloroethyl) Ether	9	\$ 150.00	\$ 1,350.00
Endrin Aldehyde	21	\$ 0.00	\$ 0.00
Heptachlor	21	\$ 0.00	\$ 0.00
Heptachlor epoxide	21	\$ 0.00	\$ 0.00
Aluminum	21	10.00	\$ 210.00
TDS	6	\$ 15.00	\$ 90.00
Turbidity	486	8.00	\$ 3,888.00
Standard Minerals	9	\$ 100.00	\$ 900.00
TKN	234	\$ 30.00	\$ 7,020.00
Mercury, Total Recoverable	12	\$ 100.00	\$ 1,200.00
Zinc, Total Recoverable	36	\$ 10.00	\$ 360.00
Total Nitrogen (NO ₃ +TKN)	12	\$ 35.00	\$ 420.00
		Sub Total Section A:	\$ 255,791.00
Section B			
WET Acute*	24	\$ 400.00	\$ 9,600.00
WET Chronic*	21	\$ 4,800.00	\$ 100,800.00
WET (Accelerated Testing)	4 (estimated)	\$ 1,700.00	\$ 6,800.00
WET (TRE Testing)	4 (estimated)	\$ 4,500.00	\$ 18,000.00
		Sub Total Section B:	\$ 135,200.00
Section C			
Metals ^(A)	3	\$ 75.00	\$ 225.00
Title 22 Metals ^(B)	3	\$ 145.00	\$ 435.00
Priority Pollutants ^(C)	6	\$ 550.00	\$ 3,300.00
Grit ^(D)	24	\$ 445.00	\$ 10,680.00
		Sub Total Section C:	\$ 14,640.00
Section D			
Biosolids ^(E)	30	\$ 225.00	\$ 6,750.00
		Sub Total Section D:	\$ 6,750.00

GRAND TOTAL ALL FOUR SECTIONS: \$ 412,381.00

Courier Service Fees	Daily Pick Up	Weekend Pick Up	Holiday Pick Up**
El Dorado Hills WWTP	\$ 0.00	\$ 10.00	\$ 15.00
Deer Creek WWTP			
Camino Heights WWTP			

Footnotes:

- (A) Ar, Cd, Cr, Cu, Pb, Hg, Ni, Zn
- (B) Sb, Ar, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Th, V, and Zi
- (C) Test for all Priority Pollutants listed in 40 CFR Part 122 Appendix D, Table II and III (excluding total phenols)
- (D) CAM 17 Sb, Ar, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Th, V, and Zi
VOC EPA Method 8260
SVOC EPA Method 8270
- (E) SB, Ar, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Th, V, Zi, K, B, pH, Total Solids, TKN, Ammonia (as N), and Nitrate (as N)
- * See attached Permits for specifics of WET testing
- ** District's 2016 Holiday Schedule Attached

RESUME'S

EDUCATION

Ph.D., Analytical Chemistry, University of Connecticut, 1992
B.S. / M.S., Chemistry, Hangzhou University, China, 1982/1984

EXPERIENCE SUMMARY

Dr. Liang has 10 years experience in environmental laboratories

- Knowledge of NPDES, UCMR, and EPA Superfund CLP
- Hands on experience with a variety of analytical instruments: ICP, ICP/MS, GFAA, IC, GC/MS, and HPLC etc.
- SW-846 Methods (7000s and 8000s) and EPA drinking water Standard methods

Conducted research projects with ChemRisk on toxicology studies of hexavalent chromium. These studies resulted in two publications.

Research experience in the following areas:

- Toxicology studies of rat urine samples by HPLC
- Method development of ultratrace determination of elements in biological samples and alloys
- Instrumentation of laser excited fluorescence
- Development of sampling method of air particulates
- Organic synthesis and characterizations

Dr. Liang has co-authored 18 research papers (10 in Chinese Scientific Journals)

PROFESSIONAL EXPERIENCE

October 1998 to present: California Laboratory Services, Laboratory Director

August 1996 to October 1998: California Laboratory Services, Inorganic Supervisor

- Operation and maintenance of Varian ICP-MS, Perkin Elmer 5100Z and 5100ZL Graphite Furnace AA, TJA Enviro 36 ICP-OES, Leeman PS 200 Mercury Analyzer, Dionex IC.
- Data package review and supervision

November 1993 to August 1996: MBT Environmental Laboratories, Senior Chemist

- Operation and maintenance of Perkin Elmer 5100Z Graphite Furnace AA, TJA Enviro 36 ICP-OES, Leeman PS 200 Mercury Analyzer, Dionex IC
- GC/MS Chemist, VOA analysis for water and soil samples (EPA Method 624, 8260 8240, and CLP)
- Method development for the determination of metal in fish tissue samples, and of ultra trace levels of lead and nickel in drinking water by GFAA
- Determination of hexavalent chromium and total chromium in plasma samples
- Study of the time to reduction and capacity for reduction of various solid and liquid media subject to Hexavalent chromium
- Supervised/trained instrument operators

EDUCATION

B.S., Biological Sciences (Public Health Microbiology concentration) minor in Chemistry, California State University Sacramento

Associate of Science, double major Physical Science and Mathematics, American River College

EXPERIENCE SUMMARY

- Developed a tracking system to ensure that documents are controlled and kept in an orderly manner
- Completed training in Good Documentation Practices and in Quality Systems Audit Basics
- Highly motivated and enjoys working independently and as part of a team

PROFESSIONAL EXPERIENCE

October 2007 to present: California Laboratory Services, Quality Control Chemist

- Review analytical data for completeness
- Maintain an electronic tracking system for periodic reviews including those for Standard Operating Procedures, MDL's, calibrations, employee proficiency training, and internal audits
- Collect, organize, update, and maintain QC related files
- Provide status updates of current projects and notices/reminders for upcoming projects and calibration
- Conduct regular internal audits, and service as support personnel during client initiated and State lead audits
- Schedule, oversee, and submit required proficiency testing studies to meet State regulatory certificate requirements

August 2005 to October 2007: California Laboratory Services, Data Room Associate

- Manage the receipt of folders and assure that required analyses and special client requests are completed
- Ensure that customer billings are prepared accurately and sent to the client upon project completion

March 1995 to May 2005: Dade Behring, Inc., QA/QC Associate Scientist

- Responsible for quality testing and final release of biological panels, reagents, and broth for medical Diagnostic purposes
- Review product batch records for completeness
- Participate in the collection, analysis, and presentation of monthly quality metrics
- Order and maintain necessary laboratory supplies
- Lead the product stability testing activities to meet customer and regulatory compliance requirements
- Report results in both written and oral format to upper management

EDUCATION & CERTIFICATION

DeAnza College, Chemistry - 1982
San Jose State University, Civil Engineering, 1977
UC Davis – Certificate of Hazardous Materials Management
UC Davis – Hazardous Materials Management – Field Chemist
CWEA – Waste Water Laboratory Analyst

CAPABILITIES

Mark Smith has over 35 years laboratory, field and supervisory experience as an Environmental/Occupational professional. He has managed emergency response facilities and site clean-up operations. Mr. Smith developed and performed training programs in Hazardous Waste Operations, and for laboratories. He has been responsible for the direct management of Health and Safety Programs and their corresponding training. He is conversant of environmental and occupational regulations, hazardous materials handling, packaging, transportation and disposal practices and all aspects of environmental sampling and analysis (soil, water, wastewater and hazardous waste)

PROFESSIONAL EXPERIENCE SUMMARY

Mark Smith's extensive work history provides clients with a diverse background of environmental professionalism complete in the knowledge of project, field and operations management.

Prior to Mr. Smith's work at CLS as Operations Manager, he was Sr. Project Manager for Laidlaw Environmental Services, Rancho Cordova, CA. Mark was also Operations Manager for Chemical Waste Management, in Rancho Cordova and Modesto, CA. He started his environmental career as Field Services Supervisor for American Environmental Management Corporation in Rancho Cordova, CA.

His professional development includes: Emergency Response Training, Supervisory Management Training for Hazardous Waste Operations, Regulatory Awareness and Chemical Hazard Identification and Solvent Recovery and Distillation Procedures.

Mr. Smith's expertise in the coordination, development and performance of client and field services includes; Training (various OSHA 1910.120 & 1910.1450). Supervision of hazardous waste and environmental compliance programs and their development. Policy/procedure development in hazard control, assessments and training. Waste Management (packaging, labeling, shipping, profiling & storage). Facility safety assessment and hazard evaluation. Evaluation and development of Health and Safety, and Right-to-Know training programs. Instrument calibration, inspection, maintenance and repair. Emergency response programs. Development of waste characterization procedures (analytical analysis). Development of field sampling protocols (soil, water and hazardous waste).

**ELAP CERTIFICATES
&
FIELDS OF TESTING**



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

California Laboratory Services

3249 Fitzgerald Road
Rancho Cordova, CA 95742

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site,
proficiency testing studies, and payment of applicable fees.

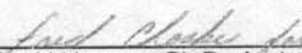
This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1233

Expiration Date: 06/30/2016

Effective Date: 07/01/2014

Richmond, California
subject to forfeiture or revocation



David Mazzer, Ph.D., Assistant Division Chief
Division of Drinking Water and Environmental Management



CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing



California Laboratory Services
3249 Fitzgerald Road
Rancho Cordova, CA 95742
Phone: (916) 638-7301

Certificate No.: 1233
Renew Date: 6/30/2014

Field of Testing: 101 - Microbiology of Drinking Water

101.010	001	Heterotrophic Bacteria	SM9215B
101.011	001	Heterotrophic Bacteria	SimPlate
101.020	001	Total Coliform	SM9221A,B
101.021	001	Fecal Coliform	SM9221E (MTF/EC)
101.022	001	E. coli	CFR 141.21(f)(6)(i) (MTF/EC+MUG)
101.060	002	Total Coliform	SM9223
101.060	003	E. coli	SM9223
101.070	002	Total Coliform	Colisure
101.070	003	E. coli	Colisure
101.120	001	Total Coliform (Enumeration)	SM9221A,B,C
101.130	001	Fecal Coliform (Enumeration)	SM9221E (MTF/EC)
101.160	001	Total Coliform (Enumeration)	SM9223
101.200	001	E. coli (Enumeration)	SM9223B
101.210	001	E. coli (Enumeration)	SM9221B.1/SM9221F

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.030	001	Bromide	EPA 300.0
102.030	002	Chlorate	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	004	Chlorite	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate	EPA 300.0
102.030	007	Nitrite	EPA 300.0
102.030	008	Phosphate, Ortho	EPA 300.0
102.030	010	Sulfate	EPA 300.0
102.045	001	Perchlorate	EPA 314.0
102.100	001	Alkalinity	SM2320B
102.120	001	Hardness	SM2340B
102.130	001	Conductivity	SM2510B
102.140	001	Total Dissolved Solids	SM2540C
102.145	001	Total Dissolved Solids	EPA 160.1
102.163	001	Chlorine, Free and Total	SM4500-Cl G
102.180	001	Chlorine Dioxide	SM4500-ClO2 D
102.190	001	Cyanide, Total	SM4500-CN E
102.192	001	Cyanide, amenable	SM4500-CN G
102.220	001	Nitrite	SM4500-NO2 B

As of 8/27/2013, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

102.232	001	Nitrite	SM4500-NO3 E
102.232	002	Nitrate	SM4500-NO3 E
102.240	001	Phosphate, Ortho	SM4500-P E
102.260	001	Total Organic Carbon	SM5310B-2000
102.261	001	DOC	SM5310B-2000
102.261	002	TOC/DOC	SM5310B-2000
102.270	001	Surfactants	SM5540C
102.280	001	UV254	SM5910B
102.520	001	Calcium	EPA 200.7
102.520	002	Magnesium	EPA 200.7
102.520	003	Potassium	EPA 200.7
102.520	004	Silica	EPA 200.7
102.520	005	Sodium	EPA 200.7
102.520	006	Hardness (calc.)	EPA 200.7

Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	011	Mercury	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	017	Boron	EPA 200.8

As of 8/27/2013, this list supersedes all previous lists for this certificate number. Customers: Please verify the current accreditation standing with the State.

California Laboratory Services

Certificate No 1233
Renew Date: 6/30/2014

103.140	018	Vanadium	EPA 200.8
103.160	001	Mercury	EPA 245.1
103.310	001	Chromium (VI)	EPA 218.6

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.030	001	1,2-Dibromoethane	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane	EPA 504.1
104.035	001	1,2,3-Trichloropropane	SRL 524M-TCP
104.040	000	Volatile Organic Compounds	EPA 524.2

Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.030	000	N-, P- Pesticides	EPA 507
105.030	001	Alachlor	EPA 507
105.030	002	Atrazine	EPA 507
105.030	007	Molinate	EPA 507
105.030	009	Simazine	EPA 507
105.030	010	Thiobencarb	EPA 507
105.040	000	Chlorinated Pesticides	EPA 508
105.040	003	Chlordane (total)	EPA 508
105.040	007	Endrin	EPA 508
105.040	008	Heptachlor	EPA 508
105.040	009	Heptachlor Epoxide	EPA 508
105.040	010	Hexachlorobenzene	EPA 508
105.040	011	Hexachlorocyclopentadiene	EPA 508
105.040	012	Lindane	EPA 508
105.040	013	Methoxychlor	EPA 508
105.040	015	Toxaphene	EPA 508
105.040	016	PCBs as Aroclors (screen)	EPA 508
105.070	001	Bentazon	EPA 515.1
105.070	002	2,4-D	EPA 515.1
105.070	003	Dalapon	EPA 515.1
105.070	005	Dinoseb	EPA 515.1
105.070	006	Pentachlorophenol	EPA 515.1
105.070	007	Picloram	EPA 515.1
105.070	008	2,4,5-TP	EPA 515.1
105.070	009	Chlorinated Acids	EPA 515.1
105.090	001	Alachlor	EPA 525.2
105.090	003	Atrazine	EPA 525.2
105.090	004	Benzo(a)pyrene	EPA 525.2
105.090	008	Di(2-ethylhexyl) Adipate	EPA 525.2
105.090	009	Di(2-ethylhexyl) Phthalate	EPA 525.2
105.090	013	Endrin	EPA 525.2
105.090	014	Heptachlor	EPA 525.2
105.090	015	Heptachlor Epoxide	EPA 525.2
105.090	016	Hexachlorobenzene	EPA 525.2

As of 8/27/2013, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

California Laboratory Services

Certificate No 1233
Renew Date: 6/30/2014

105.090	017	Hexachlorocyclopentadiene	EPA 525.2
105.090	018	Lindane	EPA 525.2
105.090	019	Methoxychlor	EPA 525.2
105.090	022	Molinate	EPA 525.2
105.090	025	Simazine	EPA 525.2
105.090	028	Thiobencarb	EPA 525.2
105.090	029	Polynuclear Aromatic Hydrocarbons	EPA 525.2
105.090	030	Adipates	EPA 525.2
105.090	031	Phthalates	EPA 525.2
105.090	032	Other Extractables	EPA 525.2
105.160	001	Benzo(a)pyrene	EPA 550

Field of Testing: 107 - Microbiology of Wastewater

107.010	001	Heterotrophic Bacteria	SM9215B
107.020	001	Total Coliform	SM9221B
107.040	001	Fecal Coliform	SM9221C,E (MTF/EC)
107.100	001	Fecal Streptococci	SM9230B
107.100	002	Enterococci	SM9230B
107.245	001	E. coli	SM9223

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Conductivity	EPA 120.1
108.090	001	Residue, Volatile	EPA 160.4
108.110	001	Turbidity	EPA 180.1
108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (calc.)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	006	Silica	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.113	005	Silica	EPA 200.8
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	004	Nitrate	EPA 300.0
108.120	005	Nitrite	EPA 300.0
108.120	006	Nitrate-nitrite	EPA 300.0
108.120	007	Phosphate, Ortho	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.360	001	Phenols, Total	EPA 420.1
108.381	001	Oil and Grease	EPA 1664A
108.390	001	Turbidity	SM2130B
108.400	001	Acidity	SM2310B

As of 8/27/2013, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

108.410	001	Alkalinity	SM2320B
108.420	001	Hardness (calc.)	SM2340B
108.430	001	Conductivity	SM2510B
108.440	001	Residue, Total	SM2540B
108.441	001	Residue, Filterable	SM2540C
108.442	001	Residue, Non-filterable	SM2540D
108.443	001	Residue, Settleable	SM2540F
108.451	001	Chloride	SM4500-Cl- C
108.465	001	Chlorine, Total	SM4500-Cl G
108.472	001	Cyanide, Total	SM4500-CN E
108.473	001	Cyanide, amenable	SM4500-CN G
108.490	001	pH	SM4500-H+ B
108.491	001	Ammonia	SM4500-NH3 C (18th)
108.491	002	Kjeldahl Nitrogen	SM4500-NH3 C (18th)
108.494	001	Ammonia	SM4500-NH3 F or G (18th)
108.510	001	Nitrite	SM4500-NO2 B
108.520	001	Nitrate-nitrite	SM4500-NO3 E
108.520	002	Nitrite	SM4500-NO3 E
108.531	001	Dissolved Oxygen	SM4500-O G
108.540	001	Phosphate, Ortho	SM4500-P E
108.541	001	Phosphorus, Total	SM4500-P E
108.560	001	Sulfite	SM4500-SO3 B
108.582	001	Sulfide	SM4500-S= F (19th/20th)
108.590	001	Biochemical Oxygen Demand	SM5210B
108.591	001	Carbonaceous BOD	SM5210B
108.610	001	Total Organic Carbon	SM5310B-2000
108.640	001	Surfactants	SM5540C
108.650	001	Tannin and Lignin	SM5550B (18th/19th)

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7

As of 8/27/2013, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	020	Gold	EPA 200.8
109.020	021	Iron	EPA 200.8
109.025	003	Arsenic	EPA 200.9
109.025	005	Cadmium	EPA 200.9
109.025	006	Chromium	EPA 200.9
109.025	010	Lead	EPA 200.9
109.025	013	Selenium	EPA 200.9
109.025	014	Silver	EPA 200.9
109.025	015	Thallium	EPA 200.9
109.104	001	Chromium (VI)	EPA 218.6
109.190	001	Mercury	EPA 245.1

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040	040	Halogenated Hydrocarbons	EPA 624
110.040	041	Aromatic Compounds	EPA 624
110.040	042	Oxygenates	EPA 624
110.040	043	Other Volatile Organics	EPA 624

Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.060	000	Polynuclear Aromatics	EPA 610
111.101	032	Polynuclear Aromatic Hydrocarbons	EPA 625

As of 8/27/2013, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

111.101	033	Adipates	EPA 625
111.101	034	Phthalates	EPA 625
111.101	036	Other Extractables	EPA 625
111.170	030	Organochlorine Pesticides	EPA 608
111.170	031	PCBs	EPA 608
111.273	001	Oil and Grease	EPA 1664A

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020
114.020	014	Thallium	EPA 6020
114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020
114.025	001	Mercury	EPA 6020A
114.040	001	Arsenic	EPA 7060A
114.081	001	Cadmium	EPA 7131A
114.103	001	Chromium (VI)	EPA 7196A

As of 8/27/2013, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

114.106	001	Chromium (VI)	EPA 7199
114.131	001	Lead	EPA 7421
114.140	001	Mercury	EPA 7470A
114.141	001	Mercury	EPA 7471A
114.170	001	Selenium	EPA 7740
114.181	001	Silver	EPA 7761
114.191	001	Thallium	EPA 7841
114.222	001	Cyanide	EPA 9014
114.230	001	Sulfides, Total	EPA 9034
114.240	001	Corrosivity - pH Determination	EPA 9040B
114.241	001	Corrosivity - pH Determination	EPA 9045C

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II

Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.020	030	Nonhalogenated Volatiles	EPA 8015B
116.020	031	Ethanol and Methanol	EPA 8015B
116.030	001	Gasoline-range Organics	EPA 8015B
116.040	061	Aromatic Volatiles	EPA 8021B
116.040	062	BTEX	EPA 8021B
116.080	000	Volatile Organic Compounds	EPA 8260B
116.080	120	Oxygenates	EPA 8260B
116.090	000	Acrylamide, Acrylonitrile, Acrolein	EPA 8316
116.100	001	Total Petroleum Hydrocarbons - Gasoline	LUFT GC/MS
116.100	010	BTEX and MTBE	LUFT GC/MS
116.110	001	Total Petroleum Hydrocarbons - Gasoline	LUFT

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B	
117.016	001	Diesel-range Total Petroleum Hydrocarbons	LUFT	
117.110	000	Extractable Organics	EPA 8270C	
117.140	000	Polynuclear Aromatic Hydrocarbons	EPA 8310	
117.150	000	Carbonyl Compounds	EPA 8315A	
117.210	000	Organochlorine Pesticides	EPA 8081A	
117.220	000	PCBs	EPA 8082	
117.240	000	Organophosphorus Pesticides	EPA 8141A	Aqueous Only
117.250	000	Chlorinated Herbicides	EPA 8151A	Aqueous Only

Field of Testing: 120 - Physical Properties of Hazardous Waste

120.010	001	Ignitability	EPA 1010
120.030	001	Corrosivity	EPA 1110
120.040	001	Reactive Cyanide	Section 7.3 SW-846
120.050	001	Reactive Sulfide	Section 7.3 SW-846
120.070	001	Corrosivity - pH Determination	EPA 9040B

As of 8/27/2013, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

120.080 001 Corrosivity - pH Determination

EPA 9045C



CALIFORNIA

Water Boards

STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

Interim

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Basic Laboratory, Inc.

2218 Railroad Avenue

Redding, CA 96001

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1677**

Expiration Date: **12/31/2016**

Effective Date: **1/1/2016**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	020	Gold	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	022	Tin	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.104	001	Chromium (VI)	EPA 218.6
109.190	001	Mercury	EPA 245.1
109.361	001	Mercury	EPA 1631E
109.410	003	Arsenic	SM3113B
109.410	006	Cadmium	SM3113B
109.410	015	Selenium	SM3113B
109.811	001	Chromium (VI)	SM3500-Cr D (18th/19th)

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040	040	Halogenated Hydrocarbons	EPA 624
110.040	041	Aromatic Compounds	EPA 624
110.040	042	Oxygenates	EPA 624
110.040	043	Other Volatile Organics	EPA 624

Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.101	030	Pesticides	EPA 625
111.101	032	Polynuclear Aromatic Hydrocarbons	EPA 625
111.101	033	Adipates	EPA 625
111.101	034	Phthalates	EPA 625
111.101	036	Other Extractables	EPA 625
111.170	030	Pesticides & PCBs	EPA 608
111.170	031	PCBs	EPA 608
111.273	001	Oil and Grease	EPA 1664A

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.020	001	Antimony	EPA 6020



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM BRANCH

CERTIFICATE OF ENVIRONMENTAL LABORATORY ACCREDITATION

Is hereby granted to

Diamond Water Laboratory

1660 Old Airport Road

Auburn, CA 95602

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site,
proficiency testing studies, and payment of applicable fees.

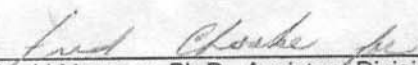
This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 2113

Expiration Date: 01/31/2016

Effective Date: 02/01/2014

Richmond, California
subject to forfeiture or revocation


David Mazzer, Ph.D., Assistant Division Chief
Division of Drinking Water and Environmental Management

109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.190	001	Mercury	EPA 245.1
109.445	002	Chromium (VI)	SM3500-Cr B-2009

Field of Testing: 113 - Whole Effluent Toxicity of Wastewater

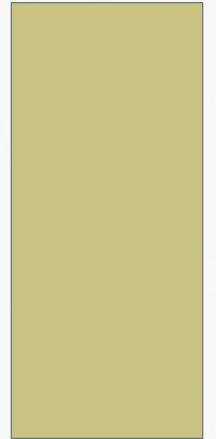
113.010	001A	Fathead Minnow (<i>P. promelas</i>)	EPA 600/4-90/027F, Static
113.010	001B	Fathead Minnow (<i>P. promelas</i>)	EPA 600/4-90/027F, Static Renewal
113.010	003A	Rainbow trout (<i>O. mykiss</i>)	EPA 600/4-90/027F, Static
113.010	003B	Rainbow trout (<i>O. mykiss</i>)	EPA 600/4-90/027F, Static Renewal
113.010	005A	Daphnid (<i>C. dubia</i>)	EPA 600/4-90/027F, Static
113.010	005B	Daphnid (<i>C. dubia</i>)	EPA 600/4-90/027F, Static Renewal
113.021	001A	Fathead Minnow (<i>P. promelas</i>)	EPA 2000 (EPA-821-R-02-012), Static
113.021	001B	Fathead Minnow (<i>P. promelas</i>)	EPA 2000 (EPA-821-R-02-012), Static Renewal
113.022	003A	Rainbow trout (<i>O. mykiss</i>)	EPA 2019 (EPA-821-R-02-012), Static
113.022	003B	Rainbow trout (<i>O. mykiss</i>)	EPA 2019 (EPA-821-R-02-012), Static Renewal
113.023	005A	Daphnid (<i>C. dubia</i>)	EPA 2002 (EPA-821-R-02-012), Static
113.023	005B	Daphnid (<i>C. dubia</i>)	EPA 2002 (EPA-821-R-02-012), Static Renewal
113.040	001	Fathead Minnow (<i>P. promelas</i>)	EPA 1000 (EPA/600/4-91/002)
113.041	001	Fathead Minnow (<i>P. promelas</i>)	EPA 1000 (EPA-821-R-02-013)
113.050	005	Daphnid (<i>C. dubia</i>)	EPA 1002 (EPA/600/4-91/002)
113.051	005	Daphnid (<i>C. dubia</i>)	EPA 1002 (EPA-821-R-02-013)
113.060	020	Green algae (<i>S. capricornutum</i>)	EPA 1003 (EPA/600/4-91/002)
113.061	020	Green algae (<i>S. capricornutum</i>)	EPA 1003 (EPA-821-R-02-013)

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B

WASTEWATER AND RECYCLED WATER LABORATORY SERVICES

AUGUST 8, 2016



PREVIOUS BOARD ACTIONS

- March 22, 2010 - The Board awarded a sole-source professional service agreement to Sierra Foothill Laboratories
- October 13, 2013 - The Board adopted the 2014 – 2016 on-call contracts, which included laboratory professional services
- May 9, 2016 – The Board awarded a professional service agreement to Excelchem Environmental Laboratory to provide regulatory laboratory testing

BOARD POLICY

BP 3060, Contracts and Procurement

- AR 3061.04, contracts greater than \$50,000 must be approved by the Board.



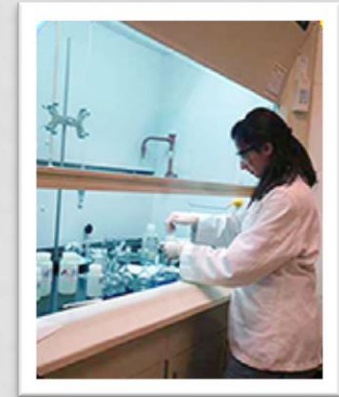
SUMMARY OF ISSUE

- Permits

- Require extensive lab testing
 - Wet chemistry
 - Organic chemistry
 - Biology

- Regulations

- Data verify protection of the environment



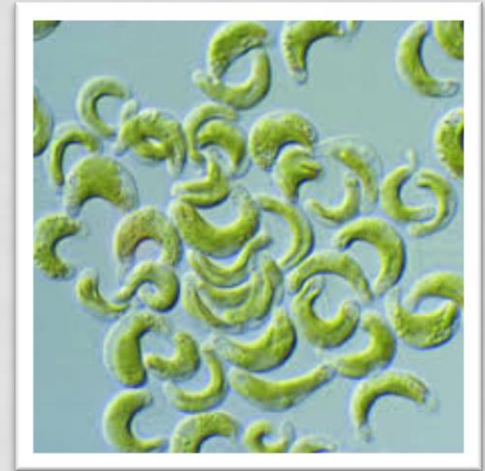
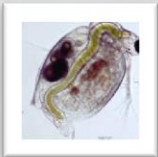
BACKGROUND

- Lab services transitioned from in-house to contract in 2010
- 2010 sole-source contract and lab lease
- 2013 on-call contracts
- 2016 RFP process and subsequent agreement



CONSULTANT SELECTION PROCESS

- Lab scope of work
 - Wet Chemistry examples
 - 2,989 BOD analyses
 - 2,707 TSS analyses
 - 1,839 Nitrate Nitrogen
 - Organic Chemistry examples
 - 21 Endrin Aldehyde
 - Priority Pollutants
 - Biological Testing
 - Toxicity to fish, fleas and algae



CONSULTANT SELECTION PROCESS

- Request for Proposals
 - Advertised in Sacramento Bee
 - Posted on Website
 - Emailed state-approved vendors in the area
- Proposal evaluation and ranking
 - Selection committee
 - Measured against predetermined criteria
 - Two top responses

CONSULTANT SELECTION PROCESS

- Highest scoring labs
 - California Laboratory Services
 - Excelchem Environmental Laboratory
- May 2016 – Initial award to Excelchem
- Staff now recommends Board award contract to California Laboratory Services

CONSULTANT SELECTION PROCESS

Full Service Lab	Fee Proposal
Excelchem Environmental Laboratory	\$225,097
BC Laboratories, Inc.	\$363,442
Alpha Analytical Laboratories, Inc.	\$370,670
FGL Environmental	\$386,950
California Laboratory Services	\$416,176
Diamond Water Laboratory	\$490,894

CONSULTANT SELECTION PROCESS CONTINUED

Full Service (including toxicity testing)	RFP Points
California Laboratory Services	59
Excelchem Environmental Laboratory	52
Alpha Analytical Laboratories, Inc.	44
Diamond Water Laboratory	43
BC Laboratories, Inc.	39
FGL Environmental	32

PROJECT COST

Task	Cost
Base bid with courier service	\$416,176
10% Contingency	\$41,618
Total Cost	\$457,794



COST ANALYSIS

- 2010 outsourced laboratory service
 - Savings \$536,000 annually
- 2010 three-year sole source contract
 - \$795,000
- 2013 – 2015 on-call lab contracts
 - 8 various labs
 - \$559,798
- 2016 three-year service contract with CLS
 - \$457,794 – one lab
 - Saving \$337,206 compared 2010 three-year sole-source
 - Saving \$102,004 compared to three-year on-call

BOARD DECISIONS/OPTIONS

- **Option 1:** Award a professional services agreement to California Laboratory Services in the not-to-exceed amount of \$457,794 over three years to perform wastewater and recycled water laboratory analyses for the District
- **Option 2:** Take other action as directed by the Board.
- **Option 3:** Take no action.



STAFF AND GENERAL MANAGER RECOMMENDATION

- **Option 1**





QUESTIONS