

**REGULAR MEETING
OF THE BOARD OF DIRECTORS
OF THE LIVERMORE-AMADOR VALLEY WATER MANAGEMENT AGENCY**

Wednesday, February 19, 2020, 6:00 p.m.

**Pleasanton City Council Chambers
200 Old Bernal Avenue
Pleasanton, California**

- 1. Call to Order**
- 2. Pledge of Allegiance**
- 3. Roll Call**
- 4. Order of Agenda/Acknowledgement of Posting**
(The agenda may be re-ordered by motion of the Board. The agenda has been posted virtually on the Agency's website and physically in the display case outside the DSRSD Building, Pleasanton City Hall and Livermore City Hall at least 72 hours prior to a regular meeting and 24 hours prior to a special meeting.)
- 5. Public Comment**
(Persons wishing to address the Board on any Consent item or on Agency business not listed on the Agenda may do so at this time. No action may be taken on items not listed on the agenda. Any item raised by a member of the public which is not on the agenda and may require Board action shall be automatically referred to staff for investigation and disposition which may include placing on a future agenda. Persons wishing to address the Board on any agenda item may do so once the item is called. After being recognized by the Board Chair, please approach the podium and begin by providing your name and address for the record (optional). There is a time limitation of three minutes per person. Non-English speakers using a translator will have a time limit of six minutes. Written materials must be submitted by 3:00 P.M. on the meeting day.)
- 6. Consent Calendar**
(All items on the Consent Calendar will be considered together by one or more action(s) of the Board unless a Board member pulls an item.)
 - 6.a. Board Meeting Minutes of November 20, 2019**
(The Board will consider approving the minutes from the November 20, 2019 Board meeting.)
- 7. Financial Reporting for the Fiscal Year Ending June 30, 2020**
(The Board will review the Financial Reports for the Fiscal Year ending June 30, 2020.)
- 8. Approval of a Resolution Changing the Official Regular Meeting Location**
(The Board will consider approving a Resolution changing the official regular meeting location from City of Pleasanton to Dublin San Ramon Services District.)
- 9. LAVWMA Quarterly Report of Operations, 2nd Quarter, FY2019-2020**
(The Board will review the Quarterly Report of Operations, 2nd Quarter, FY2019-2020.)

**Action
Pages 3 – 5**

**Information
Pages 6 – 12**

**Resolution
Pages 13 – 14**

**Information
Pages 15 – 38**

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| Information

Pages 39– 48 | 10. Project Status Reports - Risk Analysis of the Pump Station / Failure Analysis of the Forcemain System Project and Engineering Services for the Motor Control Center Replacement Project
(The Board will receive status reports on two projects at the Export Pump Station.) |
| Resolution

Pages 49 – 54 | 11. Resolution Approving a Lump Sum Payment to EBDA for LAVWMA’s Share of EBDA’s Other Post-Employment Benefits and Pension Accounts
(The Board will consider a Resolution approving a lump sum payment to East Bay Dischargers Authority for LAVWMA’s share of EBDA’s Other Post-Employment Benefits and Pension Accounts.) |
| Resolution

Pages 55 – 59 | 12. Resolution Designating Authorized Representatives for FEMA and California OES Disaster Assistance
(The Board will consider a resolution designating authorized representatives for state and federal disaster cost recovery funding assistance.) |
| Information
Pages 60 – 73 | 13. Update and Response to Various Legal and Legislative Issues
(The Board will receive a report regarding proposed legislation and legal developments affecting LAVWMA and its member agencies.) |
| Action
Pages 74 – 78 | 14. Website Upgrade Status Report and Approval of New Logo
(The Board will receive a report on the status of the website upgrade and consider approving a new logo.) |
| Information
Pages 79 – 86 | 15. General Manager’s Report
(The Board will review the General Manager’s Report regarding the operations and maintenance of the Agency and its facilities.) |
| Information | 16. Matters From/For Board Members
(Board members may make brief announcements or reports on his or her own activities, pose questions for clarification, and/or request that items be placed on a future agenda. Except as authorized by law, no other discussion or action may be taken.) |
| | 17. Next Regular Board Meeting, Wednesday, May 20, 2020, 6:00 p.m. |
| | 18. Adjournment |

DISABILITY ACCOMMODATION: Livermore-Amador Valley Water Management Agency will provide special assistance for disabled citizens upon at least 72 hours advance notice to the General Manager’s office (925-875-2202). If you need sign language assistance or written material printed in a larger font or taped, please notify the General Manager’s office as soon as possible. All meeting rooms are accessible to the disabled.

AGENDA REPORTS AND DOCUMENTS: Copies of all staff reports and documents subject to disclosure that relate to each item of business referred to on the agenda are available for public inspection ordinarily by the Friday before each regularly scheduled Board meeting, and/or at the same time the documents are provided to all, or a majority of all, of the Board, at Dublin San Ramon Services District, located at 7035 Commerce Circle, Pleasanton, CA, at the reception desk, and may also be made available online at http://www.lavwma.com/agency_meetings.php. A fee may be charged for copies.

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LAVWMA
Livermore-Amador Valley Water Management Agency
Draft Minutes
Regular Meeting of Board of Directors
Wednesday, November 20, 2019
Pleasanton City Council Chambers
200 Old Bernal Avenue, Pleasanton, California
6:00 p.m.

1. Call to Order

Chair Jerry Pentin called the meeting to order at 6:00 p.m.

2. Pledge of Allegiance

3. Roll Call

Board Members Present: Chair Jerry Pentin; Vice Chair Bob Woerner; Directors, Ann Marie Johnson, John Marchand, Maddi Misheloff, and Julie Testa

Board Members Absent: None

Staff Present: General Counsel Clare Gibson, General Manager Chuck Weir, DSRSD Financial Services Supervisor Herman Chen, and Recording Secretary Lorrene Salazar

Staff Absent: None

Others Present: Dan McIntyre, DSRSD, Whitney Crockett, Maze & Associates

4. Order of Agenda

There were no changes to the order of the agenda.

5. Comments from the Public

There were no comments from the public.

6. Consent Calendar

- a. Minutes of August 21, 2019 LAVWMA Board Meeting

Director Marchand motioned, seconded by Director Woerner to approve Consent Calendar Item No. 6.a.

The Motion passed unanimously (6-0).

7. Financial Reporting for the Fiscal Year June 30, 2020

Financial Services Supervisor Chen provided a summary of the financial statements for the period ending June 30, 2020. He discussed the new Operations and Maintenance Budget vs. Actual Spreadsheet, which shows comparisons between the current and prior fiscal years. He noted a heading error that will be corrected in future presentations. A major difference between

the two years is that the EBDA debt has been paid so it will not show going forward. All expenses are tracking normally.

This was an information item requiring no action by the Board.

8. Acceptance of Audit Report for Fiscal Year Ending June 30, 2019

Whitney Crockett, Maze & Associates discussed the Audit Report for Fiscal Year Ending June 30, 2019. Board members were presented with the Memorandum on Internal Control (MOIC) and Required Communications. Ms. Crockett noted that it was a clean audit and there were no issues with staff nor are there any recommendations. She focused on changes in government accounting standards that required discussion of Estimated Fair Value of Investments and Estimate of Depreciation in the MOIC. She also noted that payment of the EBDA debt is reflected in the audit report. Lastly, she thanked DSRSD staff for their assistance throughout the audit. She asked if the Board had any questions and there were none.

Director Marchand motioned, seconded by Director Misheloff to accept the Audit Report for Fiscal Year Ending June 30, 2019 as prepared by Maze & Associates.

The Motion passed unanimously (6-0).

9. LAVWMA Quarterly Reports of Operations, 1st Quarter, FY2019-2020

The Board reviewed the Report and General Manager Weir highlighted some of the charts and graphs in it. The Board asked about the high fecal coliform result on September 5, 2019. Mr. Weir stated that is was an anomaly and that the permit limit is based on the enterococcus results which are all well below the limit.

10. Project Status Reports – Risk Analysis of the Pump Station and Failure Analysis of the Forcemain System and Engineering Services for the Motor Control Center Replacement Project

Mr. Weir noted that both projects were approved by the Board at the August 21, 2019 Board meeting. He described the two proposals that were received and the interview panel for those two firms for the Risk/Pipeline project. During one of the presentations, the panel learned that due to the nature of the transmission lines feeding the substation that provides power to the pump station the chance of a Public Safety Power Shutoff (PSPS) was effectively zero. The panel recommended entering into an agreement with HydroScience Engineers for the Risk/Pipeline project, with a possible modification to the scope to address the low risk from a PSPS event.

There was one proposal for the Motor Control Center (MCC) Project. The same panel reviewed the proposal and determined that it met the requirements of the Request for Proposal and that an agreement should be entered into with DTN Engineers. In addition, the panel determined that certain modifications to the scope should be considered based on PSPS and other information.

This was an information item only requiring no action by the Board.

11. Update and Response to Various Legal and Legislative Issues

The General Manager and General Counsel updated the Board on legislation of interest. There

are several bills related to setting standards for recycled water. Mr. Weir also noted SB332 Hertzberg, which would require huge reductions in discharges to oceans and bays was currently on hold but could resurface next year. He also mentioned an effort by the Ocean Protection Council (OPC) to include a provision in its draft five-year plan to effectively require the same reductions as SB332. Letter writing efforts from CASA and other wastewater organizations were successful in causing the OPC change its recommendation from action to discussion at its next meeting. Lastly Mr. Weir noted that AB5 is now law and impacts contractors, effectively making many of them employees based on the three-pronged ABC test. At this point there is no impact on positions such as the LAVWMA contract General Manager, but future legislation will need to be watched.

12. General Manager's Report

Mr. Weir referred to the list of activities in his report. Many of the items listed in the report were covered by agenda items discussed at the Board meeting. He focused discussion on the approval of the EBDA Joint Powers Agreement and issues that will need to be addressed through the negotiation of a new master agreement between EBDA and LAVWMA. He also pointed out two fact sheets on per and polyfluoroalkyl substances (PFAS) that were included in the packet and shared with the member agencies.

13. Matters From/For Board Members

There were no matters from the Board.

14. Next Regular Board Meeting, Wednesday, February 19, 2020 at 6:00 p.m.

15. Adjournment

There being no further action, Chair Pentin adjourned the meeting at 6:36 p.m.

Minutes Approved by the Board _____.

Charles V. Weir
General Manager

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Agenda Explanation
Livermore-Amador Valley
Water Management Agency
Board of Directors
February 19, 2020

ITEM NO. 7 FINANCIAL REPORTING FOR THE FISCAL YEAR ENDING JUNE 30, 2020

Action Requested

None at this time. This is an information item only.

To: LAVWMA Board of Directors

From: Carol Atwood, LAVWMA Treasurer

Subject: Financial Reporting for FYE 2020

Summary

Attached are the financial statements for the period July 1, 2019 through December 31, 2019

Attachments

Schedule of Sub Fund Account Balance Sheets– Shows the assets and liabilities of LAVWMA in each of its funds

Schedule of Sub Fund Account Activity – Shows the income and expense transactions for LAVWMA in each fund. Most of LAVWMAs activity will be in the Operations & Maintenance fund.

O&M Fund Budget vs. Actual – Shows the status of the budget to actual expenses for the O&M Fund for the period July 1, 2019 through December 31, 2019 and period July 1, 2018 through December 31, 2018.

Investment Report – A report showing how LAVWMA’s available cash is invested.

General Management Expenses Listing – All general LAVWMA invoices are approved by the LAVWMA GM and Treasurer prior to payment by DSRSD. Those invoices are summarized and are billed to LAVWMA on a monthly basis via the DSRSD bill to LAVWMA. This listing is supplemental information requested by the LAVWMA General Manager to show the vendor, description and amount of each invoice in more detail.

Recommendation

None at this time. This is an information item only.

LIVERMORE-AMADOR VALLEY WATER MANAGEMENT AGENCY
SCHEDULE OF SUB FUND ACCOUNT BALANCE SHEETS
July 2019 through December 2019

	Operation & Maintenance	EBDA Capacity	2011 Debt Service	Repair and Replacement Reserve			Total
				Joint-use Replacement	Dual-use Replacement	Sole-use Replacement	
ASSETS							
Cash and equivalents	\$ 1,661,052	\$ -	\$ 1,259,867	\$ 666,927	\$ 12,126	\$ 9,179	\$ 3,609,151
Investments	459,102	-	14,173	15,463,955	424,756	1,589,754	17,951,740
Investments (LAIF FMV Adj)	60	-	(1,101)	27,889	746	2,753	30,348
Service Charges receivable	635,802	-	475,702	60,200	-	-	1,171,704
Due from members	275,898	-	-	-	-	-	275,898
Advances to members	28,000	-	-	317,178	-	-	345,178
Capital Assets, net of accumulated depreciation	-	3,333,335	-	102,964,899	60,480	3,845,854	110,204,569
Total assets	3,059,915	3,333,335	1,748,641	119,501,048	498,108	5,447,540	133,588,586
LIABILITIES							
Accounts payable	617,025	-	-	1,408	-	-	618,434
Interest payable	-	-	1,517,698	-	-	-	1,517,698
Long-term debt							
Bond issuance premium, net of amortization	-	-	5,089,677	-	-	-	5,089,677
Due within one year	-	-	4,475,000	-	-	-	4,475,000
Due in more than one year	-	-	74,065,000	-	-	-	74,065,000
Total liabilities	617,025	-	85,147,375	1,408	-	-	85,765,808
NET ASSETS							
Invested in capital assets, net of related debt	-	-	(79,154,677)	102,964,899	60,480	3,845,854	27,716,557
Unrestricted net assets	2,442,890	3,333,335	(4,244,057)	16,534,740	437,628	1,601,686	20,106,222
Total net assets	\$ 2,442,890	\$3,333,335	\$ (83,398,734)	\$ 119,499,639	\$ 498,108	\$5,447,540	\$47,822,778

LIVERMORE-AMADOR VALLEY WATER MANAGEMENT AGENCY
SCHEDULE OF SUB FUND ACCOUNT ACTIVITY
July 2019 through December 2019

	Operation & Maintenance	EBDA Capacity	2011 Debt Service	Repair and Replacement Reserve			Total
				Joint-use Replacement	Dual-use Replacement	Sole-use Replacement	
OPERATING REVENUES							
Service charges - DSRSD	\$ 1,002,289	\$ -	\$ 3,113,866	\$ 139,800	\$ -	\$ -	\$ 4,255,955
Service charges - City of Pleasanton	1,217,674	-	2,663,841	139,800	-	-	4,021,316
Service charges - City of Livermore	1,141,935	-	2,227,893	120,400	-	-	3,490,228
Total operating revenues	3,361,898		8,005,600	400,000	-	-	11,767,498
OPERATING EXPENSES							
Power	504,349	-	-	-	-	-	504,349
LAVWMA share of EBDA O&M - Fixed	280,338	-	-	-	-	-	280,338 (1)
LAVWMA share of EBDA O&M - Variable	72,268	-	-	-	-	-	72,268 (1)
Operations agreement	405,145	-	-	18,096	-	-	423,241
Professional services	121,357	-	-	-	-	-	121,357 (1)
Livermore sole use O&M	17,530	-	-	-	-	-	17,530
Insurance	20,000	-	-	-	-	-	20,000 (1)
Miscellaneous	190	-	19	1,839	50	184	2,282 (2)
Total operating expenses	1,421,176	-	19	19,935	50	184	1,441,364
Capital outlay				-			-
Total operating expenses and capital outlay	1,421,176	-	19	19,935	50	184	1,441,364
Operating income (loss)	1,940,722	-	8,005,581	380,065	(50)	(184)	10,326,134
NON-OPERATING REVENUES (EXPENSES)							
Amortization/Depreciation	-	-	-	-	-	-	-
Bond interest expense	-	-	(6,296,238)	-	-	-	(6,296,238)
Other Income	-	-	-	-	-	-	-
Interest income	7,456	-	4,484	92,603	2,528	9,251	116,322
Total non-operating revenues (expenses)	7,456	-	(6,291,754)	92,603	2,528	9,251	(6,179,916)
Changes in net assets	1,948,178		1,713,827	472,669	2,478	9,067	4,146,218
NET ASSETS							
Net assets, beginning of period	494,712	3,333,335	(85,112,560)	119,026,971	495,630	5,438,472	43,676,560
Prior Period adjustment							
Net assets, beginning of period restated	494,712	3,333,335	(85,112,560)	119,026,971	495,630	5,438,472	43,676,560
Net asset transfers							
Net assets, end of period	\$ 2,442,890	\$ 3,333,335	\$ (83,398,734)	\$ 119,499,639	\$ 498,108	\$ 5,447,540	\$ 47,822,778

(1) Total \$493,962.97. See details in General Management Expenses Listing.

(2) Bank fees.

LIVERMORE-AMADOR VALLEY WATER MANAGEMENT AGENCY
Operations and Maintenance - Budget vs Actual
July - December, 2018 & July - December, 2019

	FY 2019 Budget	YTD 2019 ⁽¹⁾ Actual	Variance	FY 2020 Budget	YTD 2020 ⁽¹⁾ Actual	Variance
<u>OPERATING REVENUES</u>						
Service charges - DSRSD	\$ 875,485	\$ 2,585,636	\$ 1,710,151	\$ 935,992	\$ 1,002,289	\$ 66,297
Service charges - City of Pleasanton	1,063,285	2,069,585	1,006,300	1,137,742	1,217,674	79,932
Service charges - City of Livermore	947,630	1,292,789	345,159	1,012,266	1,141,935	129,669
Total operating revenues	2,886,400	5,948,010 ⁽²⁾	3,061,610	3,086,000	3,361,898	275,898
<u>OPERATING EXPENSES</u>						
Power	1,100,000	218,948	(881,052)	1,200,000	504,349	(695,651)
LAVWMA share of EBDA O&M - Fixed	480,000	127,940	(352,060)	505,000	280,338 ⁽⁴⁾	(224,662)
LAVWMA share of EBDA O&M - Variable	152,000	40,705	(111,295)	145,000	72,268 ⁽⁴⁾	(72,732)
Operations agreement	860,200	223,494	(636,706)	921,000	405,145	(515,855)
Professional services	232,200	43,503	(188,697)	242,000	121,357 ⁽⁴⁾	(120,643)
Livermore sole use O&M	25,000	13,027	(11,973)	25,000	17,530	(7,470)
Insurance	32,000	-	(32,000)	40,500	20,000 ⁽⁴⁾	(20,500)
Permits	5,000	-	(5,000)	7,500	-	(7,500)
Miscellaneous	-	923	923	-	190	190
Total operating expenses	2,886,400	668,540	(2,217,860)	3,086,000	1,421,176	(1,664,824)
Unbilled expenses from DSRSD at 12/31		816,163 ⁽³⁾				
Capital outlay		-	-		-	-
Total operating expenses and capital outlay	2,886,400	1,484,703	(2,217,860)	3,086,000	1,421,176	(1,664,824)
Operating income (loss)	-	4,463,307	5,279,470	-	1,940,722	1,940,722
<u>NON-OPERATING REVENUES (EXPENSES)</u>						
Amortization/Depreciation	-	-	-	-	-	-
EBDA Debt	(412,000)	(68,238)	343,762	-	-	-
Interest income	-	9,121	9,121	-	7,456	7,456
Total non-operating revenues (expenses)	(412,000)	(59,117)	352,883	-	7,456	7,456
Net Income	\$ (412,000)	\$ 4,404,190	\$ 5,632,353	\$ -	\$ 1,948,178	\$ 1,948,178

(1) YTD 2019 is period July through December, 2018 and YTD 2020 is period July through December, 2019.

(2) Amount includes agencies advance payments for EBDA capacity purchase.

(3) Represents unbilled costs incurred by DSRSD. Will be reflected in next quarter's financial statements.

(4) Total \$493,962.97. See details in General Management Expenses Listing.

LIVERMORE-AMADOR VALLEY WATER MANAGEMENT AGENCY

Treasurer's Report
Portfolio Summary
December 31, 2019

Investments	Par Value	Market Value	Book Value	% of Portfolio	Avg. Term	Avg. Days to Maturity	YTM
LAIF- Operating	\$ 17,951,740	\$ 17,951,740	\$ 17,951,740	100.00	1	1	2.29%
	\$ 17,951,740	\$ 17,951,740	\$ 17,951,740	100.00	1	1	2.29%

Average Daily Balance \$ 17,951,740
Effective Rate of Return 2.29%

I certify that this report reflects all Government Agency pooled investments and is in conformity with the investment policy of Livermore-Amador Valley Water Management Agency.

The investment program herein shown provides sufficient cash flow liquidity to meet the next six month's expenses.

Original Signed by Carol Atwood 2/11/2020
 Carol Atwood, Treasurer Date

Livermore-Amador Valley Water Management Agency

General Management Expenses Listing

July - December, 2019

Invoice Date	Vendor Name	Invoice#	Description	Check#	Date Paid	Total Amount
7/12/2019	BARRETT BUSINESS SERVICES INC.	3117933	S. MONTAGUE: W/E 07/07/19	101237	7/18/2019	\$468.00
7/19/2019	BARRETT BUSINESS SERVICES INC.	3120404	S. MONTAGUE: W/E 07/14/19	101237	7/18/2019	\$390.00
7/2/2019	EAST BAY DISCHARGERS AUTHORITY	3164	O&M ASSESSMENT - JULY 1, 2019 - 1ST QTR	101334	7/25/2019	\$176,303.05
7/26/2019	BARRETT BUSINESS SERVICES INC.	3121198	S. MONTAGUE: W/E 07/21/19	101459	8/1/2019	\$468.00
8/16/2019	BARRETT BUSINESS SERVICES INC.	3123581	S. MONTAGUE: W/E 08/11/19	101606	8/22/2019	\$663.00
8/2/2019	BARRETT BUSINESS SERVICES INC.	3121956	S. MONTAGUE: W/E 07/28/19	101606	8/22/2019	\$292.50
8/13/2019	WEIR TECHNICAL SERVICES	LAVWMA _07-19	MANAGEMENT SERVICES - JULY 2019	101841	9/5/2019	\$6,681.20
8/9/2019	BARRETT BUSINESS SERVICES INC.	3122677	S. MONTAGUE: W/E 08/4/19	101826	9/5/2019	\$468.00
7/31/2019	JARVIS, FAY & GIBSON, LLP	13335	GENERAL COUNSEL SVCS - JULY 2019	101902	9/12/2019	\$2,730.00
9/3/2019	WEIR TECHNICAL SERVICES	LAVWMA _08-19	MANAGEMENT SERVICES - AUG 2019	102016	9/26/2019	\$10,022.18
8/31/2019	JARVIS, FAY & GIBSON, LLP	13431	GENERAL COUNSEL SVCS - AUG. 2019	102052	9/26/2019	\$9,870.00
8/21/2019	PENTIN, JERRY	082119 meeting	REGULAR BOARD MTG ATTENDANCE - 08/21/19	102061	9/26/2019	\$50.00
8/21/2019	TESTA, JULIE	082119 meeting	REGULAR BOARD MTG ATTENDANCE - 08/21/19	102068	9/26/2019	\$50.00
8/21/2019	WOERNER, BOB	082119 meeting	REGULAR BOARD MTG ATTENDANCE - 08/21/19	102077	9/26/2019	\$50.00
8/21/2019	MARCHAND, JOHN	082119 meeting	REGULAR BOARD MTG ATTENDANCE - 08/21/19	102006	9/26/2019	\$50.00
9/27/2019	BARRETT BUSINESS SERVICES INC.	3128135	S. MONTAGUE: W/E 09/22/19	102079	10/3/2019	\$1,150.50
10/4/2019	BARRETT BUSINESS SERVICES INC.	3128823	S. MONTAGUE: W/E 09/29/19	102207	10/17/2019	\$877.50
10/11/2019	BARRETT BUSINESS SERVICES INC.	3129805	S. MONTAGUE: W/E 10/06/19	102207	10/17/2019	\$624.00
9/30/2019	JARVIS, FAY & GIBSON, LLP	13507	GENERAL COUNSEL SVCS - SEPT. 2019	102379	10/24/2019	\$8,711.50
9/30/2019	MAZE & ASSOCIATES	33498	LAVWMA AUDIT SVCS - JUNE 2019 (WORK IN SEPT.19)	102385	10/24/2019	\$5,084.00
10/18/2019	BARRETT BUSINESS SERVICES INC.	3130298	S. MONTAGUE: W/E 10/13/19	102424	10/24/2019	\$819.00
10/3/2019	WEIR TECHNICAL SERVICES	LAVWMA _09-19	MANAGEMENT SERVICES - SEPT 2019	102435	10/24/2019	\$7,624.62
10/25/2019	BARRETT BUSINESS SERVICES INC.	3131417	S. MONTAGUE: W/E 10/20/19	102479	10/31/2019	\$780.00
11/15/2019	BARRETT BUSINESS SERVICES INC.	3133317	S. MONTAGUE: W/E 11/10/19	102635	11/21/2019	\$468.00
11/4/2019	WEIR TECHNICAL SERVICES	LAVWMA _10-19	MANAGEMENT SERVICES - OCT 2019	102720	11/27/2019	\$15,410.22
10/31/2019	JARVIS, FAY & GIBSON, LLP	13602	GENERAL COUNSEL SVCS - OCT. 2019	102739	11/27/2019	\$16,485.00
11/21/2019	SWRCB - ATTN: ACCT OFFICE	WD- 0167158	FY 20 PERMIT (FAC ID 2 019129001)	102757	11/27/2019	\$20,000.00

Item No. 7

10/1/2019	EAST BAY DISCHARGERS AUTHORITY	3176	O&M ASSESSMENT - OCTOBER 1, 2019 - 2ND QTR	102816	12/5/2019	\$176,303.05
11/22/2019	BARRETT BUSINESS SERVICES INC.	3134041	S. MONTAGUE: W/E 11/17/19	102828	12/12/2019	\$1,267.50
11/20/2019	MARCHAND, JOHN	112019 meeting	REGULAR BOARD MTG ATTENDANCE - 11/20/2019	102835	12/12/2019	\$50.00
11/20/2019	PENTIN, JERRY	112019 meeting	REGULAR BOARD MTG ATTENDANCE - 11/20/2019	102879	12/12/2019	\$50.00
11/20/2019	TESTA, JULIE	112019 meeting	REGULAR BOARD MTG ATTENDANCE - 11/20/2019	102891	12/12/2019	\$50.00
11/20/2019	WOERNER, BOB	112019 meeting	REGULAR BOARD MTG ATTENDANCE - 11/20/2019	102900	12/12/2019	\$50.00
11/27/2019	MAZE & ASSOCIATES	33875	LAVWMA AUDIT SVCS - JUNE 2019 (WORK IN NOV.19)	102943	12/19/2019	\$847.00
11/30/2019	JARVIS, FAY & GIBSON, LLP	13685	GENERAL COUNSEL SVCS - NOV. 2019	102983	12/26/2019	\$7,385.00
12/1/2019	COMPUTER COURAGE INC.	43300	LAVWMA WEBSITE UPGRADE - NOVEMBER 2019	102976	12/26/2019	\$461.70
12/1/2019	COMPUTER COURAGE INC.	43326	LAVWMA WEBSITE UPGRADE - OCTOBER 2019	102976	12/26/2019	\$261.90
11/13/2019	BARRETT BUSINESS SERVICES INC.	3133408	S. MONTAGUE: W/E 11/10/19	103001	12/26/2019	\$1,380.00
11/30/2019	WEIR TECHNICAL SERVICES	LAVWMA _11-19	MANAGEMENT SERVICES - NOV. 2019	103015	12/26/2019	\$8,408.10
12/13/2019	BARRETT BUSINESS SERVICES INC.	3136317	S. MONTAGUE: W/E 12/08/19	103054	1/2/2020	\$858.00
12/20/2019	BARRETT BUSINESS SERVICES INC.	3137027	S. MONTAGUE: W/E 12/15/19	103151	1/9/2020	\$780.00
						\$484,742.52
Expenses from journal entry and payroll:						
	Postage					\$16.60
	DSRSD Board Members					\$200.00
	Admin Support					\$2,814.58
	Accounting					\$6,189.27
						\$9,220.45
TOTAL:						\$493,962.97

Page 1

Agenda Explanation
Livermore-Amador Valley
Water Management Agency
Board of Directors
February 19, 2020

**ITEM NO. 8 APPROVAL OF A RESOLUTION CHANGING THE OFFICIAL
REGULAR MEETING LOCATION**

Action Requested

Approve Resolution No. 20-01, Resolution Changing the Official Regular Meeting Location.

Recommendation

Per Resolution No. 19-01, LAVWMA holds its Board of Directors meetings at the Pleasanton City Council Chambers, 200 Old Bernal Avenue, Pleasanton, CA. This site has been the permanent location since the Dublin San Ramon Services District (DSRSD) Office became unavailable to host Board meetings due to the discovery, on November 11, 2018, of a fire service line leaking and causing flooding, water damage, and an inoperable fire suppression system rendering the facility unsafe for holding meetings. DSRSD has now completed the repairs and renovations to the District Office and is scheduled to move back in permanently in March 2020. Since the next Board meeting will not be until May 20, 2020, it is appropriate to change the regular meeting location back to DSRSD.

The attached Resolution sets the permanent meeting location at the DSRSD Boardroom located at 7051 Dublin Boulevard in Dublin on the third Wednesday in February, May, August, and November at 6 p.m.

LAVWMA staff thank the City of Pleasanton for hosting Board meetings for the last year.

Recommendation

Approve Resolution No. 20-01, Resolution Changing the Official Regular Meeting Location.

Attachment

Resolution No. 20-01

Livermore-Amador Valley Water Management Agency

RESOLUTION NO. 20-01

A RESOLUTION OF THE LIVERMORE-AMADOR VALLEY WATER MANAGEMENT AGENCY CHANGING THE OFFICIAL REGULAR MEETING LOCATION

WHEREAS, the Livermore-Amador Valley Water Management Agency (“LAVWMA”) is a joint powers agency comprised of the cities of Livermore and Pleasanton and the Dublin San Ramon Services District;

WHEREAS, LAVWMA requires regular meetings to conduct its business;

WHEREAS, the Joint Exercise of Powers Agreement requires the Board establish the frequency, date, hour, and location of Regular Meetings;

WHEREAS, LAVWMA currently holds its regular meetings on the third Wednesday in February, May, August, and November at 6 p.m. at the Pleasanton City Council Chambers, 200 Old Bernal Avenue, Pleasanton, California 94566;

WHEREAS, LAVWMA desires to change the location of regular meetings of the Board of Directors now that the damage to the Dublin San Ramon Services District (DSRSD) offices have been repaired and renovated following significant water damage in November 2018;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of LAVWMA that Regular Board meetings shall be at 6:00 p.m. on the third Wednesday of February, May, August, and November of each calendar year and shall be held at the Boardroom of DSRSD, 7051 Dublin Boulevard, Dublin, California 94568.

BE IT FURTHER RESOLVED that this Resolution shall supersede all prior resolutions establishing Regular Board meeting dates and render null and void the provisions of any other prior resolutions which are inconsistent.

DULY AND REGULARLY ADOPTED by LAVWMA’s Board of Directors this 19th day of February 2020 by the following vote:

AYES:

NOES:

ABSENT:

Jerry Pentin, Chair

ATTEST: _____
Charles V. Weir, General Manager

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Agenda Explanation
Livermore-Amador Valley
Water Management Agency
Board of Directors
February 19, 2020

ITEM NO. 9 LAVWMA QUARTERLY REPORTS OF OPERATIONS, 2nd QUARTER, FY 2019-2020

Action Requested

None at this time.

Summary

LAVWMA's Quarterly Report of Operations for the 2nd Quarter, FY 2019-2020 is attached for the Board's review. These quarterly reports are prepared by DSRSD staff and summarize all LAVWMA operations and maintenance activity for each quarter. Jeff Carson, DSRSD Operations Manager, will be available to answer any questions from the Board. Please note that the report continues to be improved and now includes a Table of Contents, graphs for Quarter at a Glance, and an Executive Summary. The graphs show Flows and Pumping Efficiency, Energy Consumption, Budget Variance, and Work Order History. Per the Board's request, the Executive Summary includes a section for Items of Interest. Total expenses are running well below budget and will until wet weather begins. Rainfall in January and February have been less than normal.

Recommendation

None at this time. This is an information item only.

Attachment

LAVWMA's Quarterly Report of Operations for the 2nd Quarter, FY2019-2020.

LAVWMA

QUARTERLY REPORT OF OPERATIONS

2nd Quarter, FY 2019-2020

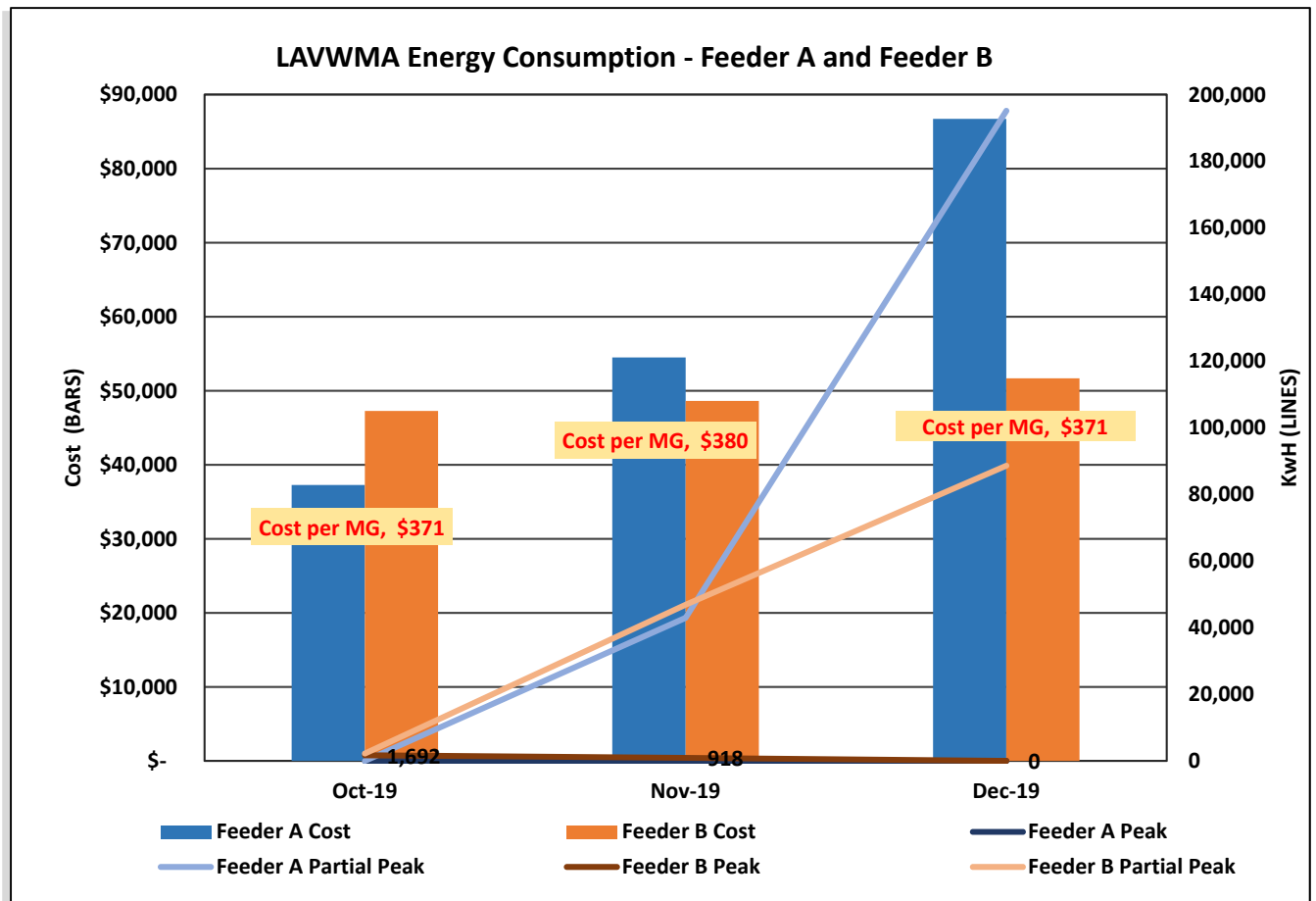
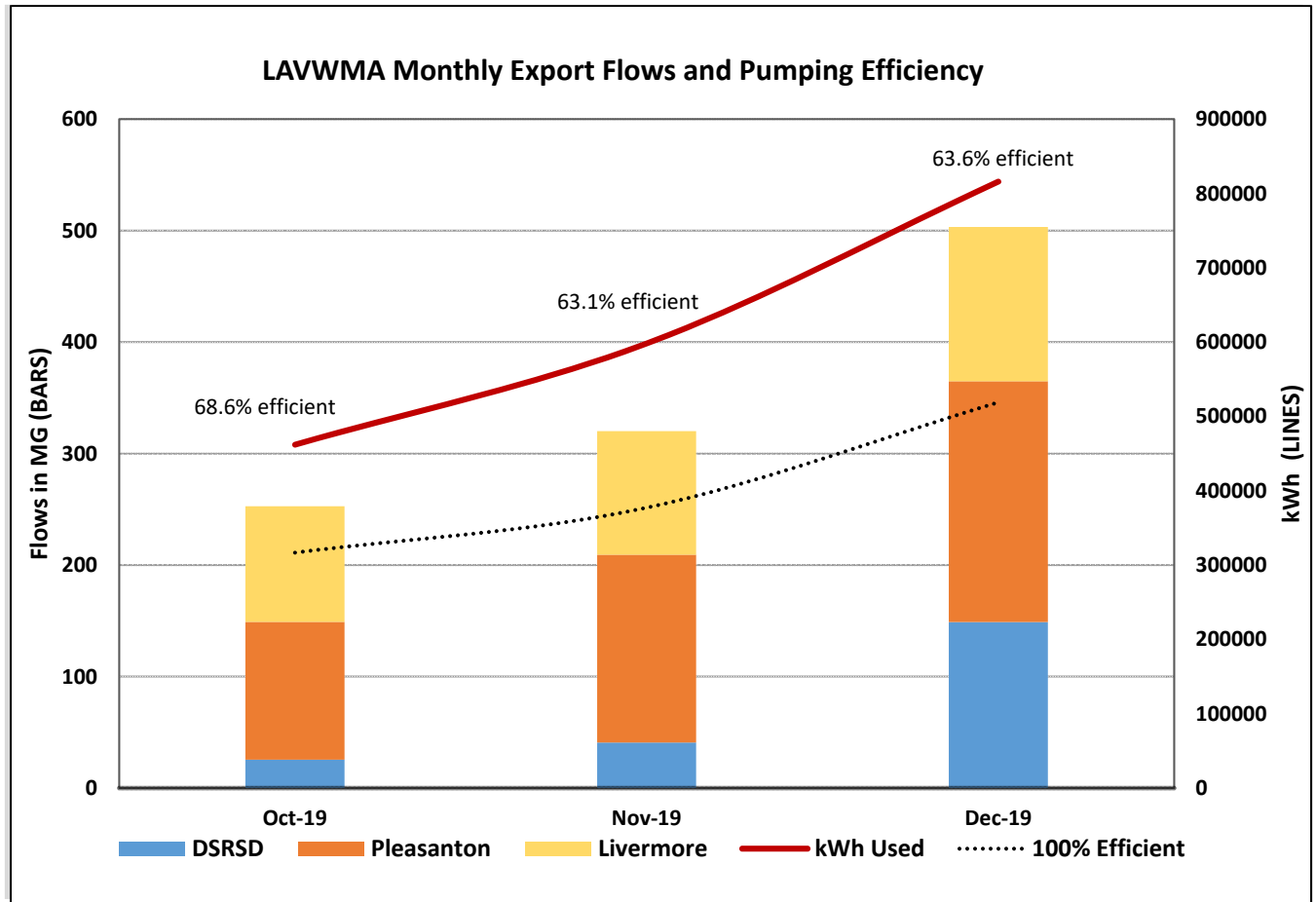


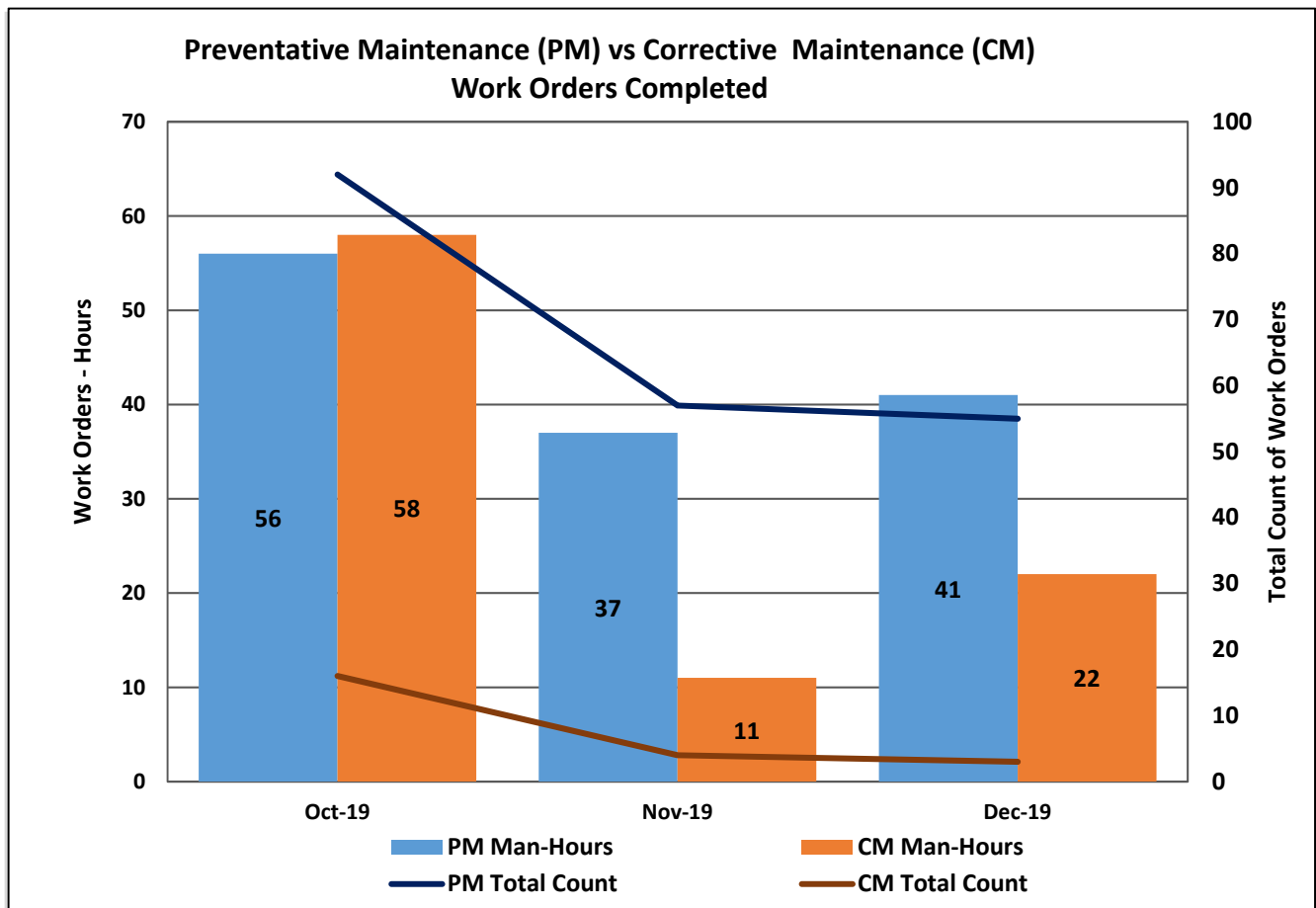
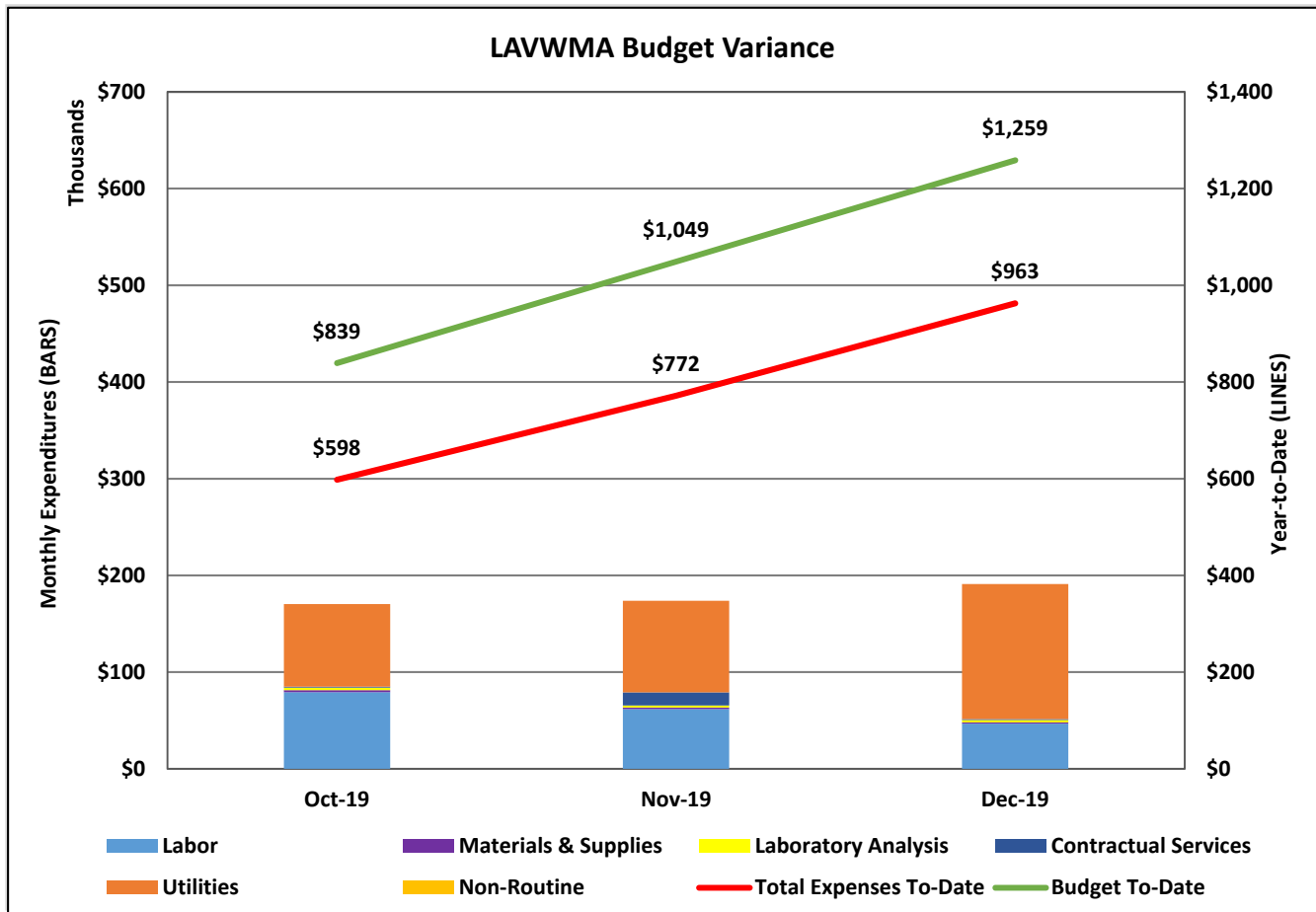
**Dublin San Ramon
Services District**

Water, wastewater, recycled water

QUARTERLY REPORT OF OPERATIONS
LAVWMA PUMPING AND CONVEYANCE SYSTEM
2nd Quarter FY 2019-2020: October to December 2019

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QUARTERLY REPORT OF OPERATIONS
LAVWMA PUMPING AND CONVEYANCE SYSTEM
2nd Quarter FY 2019-2020: October to December 2019

1. EXECUTIVE SUMMARY

The Livermore-Amador Valley Water Management Agency (LAVWMA) pumping and effluent conveyance system operated normally during the first quarter of FY 2019-2020. During the quarter, a total of 1,076 million gallons of fully treated secondary effluent were pumped to San Francisco Bay via the East Bay Dischargers Authority (EBDA) outfall diffuser and San Leandro Sample Station (SLSS); the overall efficiency of the pumping system averaged 65%, with an average electrical cost of \$374 per million gallons, or \$122 per acre-foot.

Total year-to-date operations and maintenance (O&M) expenses is \$962,709 or 38% of the O&M annual budget amount of \$2,517,127 and the running overall cost of operation is \$617 per million gallons pumped or \$201 per acre-foot.

2. OPERATIONS

Monthly reports sent to EBDA which detail daily export flows and monitoring analysis of the treated effluent during the quarter are shown on Tables 9, 10, and 11.

3. MAINTENANCE

During the quarter, a total of 134 hours were spent on preventative maintenance (PM) work orders and 91 hours on corrective maintenance (CM) work orders on LAVWMA equipment and systems. The following are some unusual maintenance activities during the quarter:

- Pumps #9 and #8 developed vibration issues and underwent analysis during last quarter and no major issues were identified. After more intrusive testing was done, pump #8 was found to have no major problems and pump #9 was shut down once during the extended testing, but with inconclusive data so far. Both pumps will continue to be monitored for vibration issues.
- Three original pumps #6, #8 and #10 were removed and replaced with new pumps in 2018. The three pumps removed will be rebuilt and used to replace the next three pumps that have the most wear. Staff is in the process of getting quotes to rebuild the three pumps. This process of rebuilding pumps to be used as replacement will continue until all pumps have been rebuilt.
- Insurance item: Cathodic protection equipment for rectifier panel P-6 and panel p-7 were damaged by vehicular accident during last quarter on September 13, 2019. The area has been safely fenced off and is currently under repair. The two rectifier panels were located side by side and were consolidated into one panel recently. Since both panels were damaged, only one rectifier panel is being fabricated and going to be installed. Fabrication is happening now and installation will take place once the new panel is delivered. Insurance will cover the full repair

cost except for the deductible of \$500. That may also be covered if the insurance company is successful in collecting damages from the driver's insurance company.

- Cathodic pre-inspection has been completed; Corrpro has been contracted to complete testing on all cathodic systems. The draft survey report has been submitted for review and a follow-up meeting to discuss corrective actions is scheduled for February 26, 2020.
- Lewelling Blvd paving has been completed; three cathodic test stations that were covered by the paving have been raised to the new pavement level.
- The electrical team has started panel fabrication for replacing the existing vibration monitoring system. Installation of the new panel and the change-out of existing sensors will take place in late spring.

4. CAPITAL OUTLAY

The LAVWMA San Leandro Sample Station (SLSS) programmable logic controller (PLC) system has been upgraded. The contractor and District have completed the integration of data from the new LAVWMA SLSS PLC with East Bay Dischargers Authority (EBDA) PLC. LAVWMA is now sharing pump station data with EBDA.

As part of the power monitoring system upgrade project for DSRSD's Regional Wastewater Treatment Facility and DERWA's Water Recycling Plant, DSRSD electrical staff is upgrading the hardware at the LAVWMA pump station and integrating the data into the server software for the treatment facility. This project is scheduled to be completed in the fourth quarter of FY 2019/2020.

5. BUDGET VARIANCE AND EXPENSES

Second quarter labor expenses totaled \$187,484 for 1,196 man-hours of effort, an average of 2.3 full time equivalents (FTEs). To date, labor expenses utilized 38.7% of the total annual budgeted labor amount.

For the quarter, the total O&M expenses including labor, supplies, laboratory analysis, contractual services, and utilities totaled \$535,120, for an average cost of \$497 per million gallons pumped or \$162 per acre-foot. The total expense for the Livermore sole use pipeline for the quarter was \$3,577.

Operation and maintenance (O&M) expenses and budget utilization details are shown on Tables 5, 6, 7, and 8.

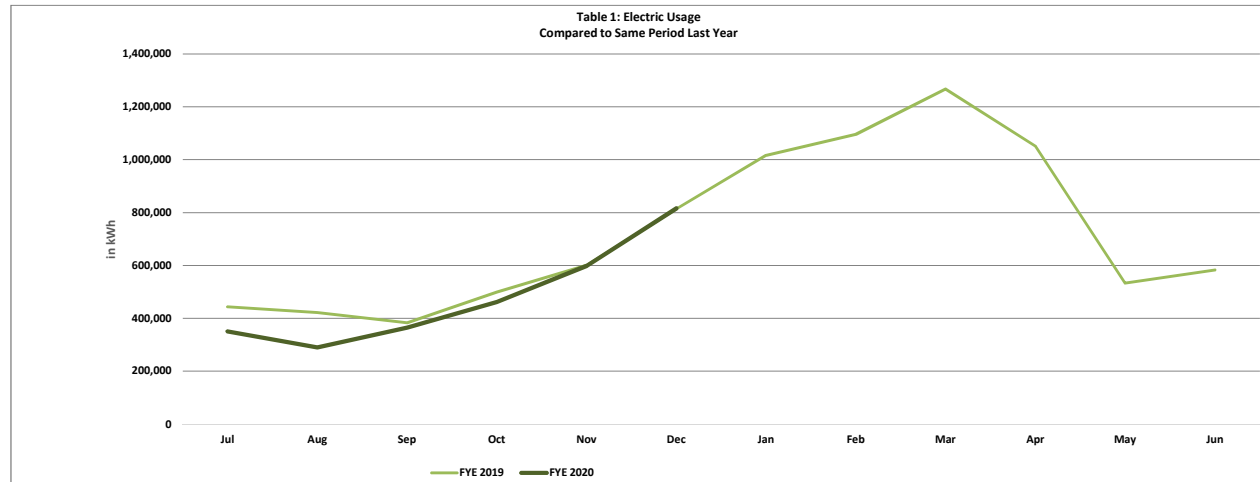
6. ITEMS OF INTEREST

Staff has developed and implemented a Public Safety Power Shutoff (PSPS) Flow Storage Protocol plan for use during PSPS events. LAVWMA facilities were not impacted this quarter by a PSPS event. According to DTN Engineers, Inc. (consultant for LAVWMA MCC project), the two feeders that supply power to the LAVWMA pumping station are on a line that is not affected by electrical switching yards. This information is currently being confirmed.

TABLE 1 - Electric Usage, Efficiency and Costs

LAVWMA SYSTEM: Fiscal Year 2019-2020, 2nd Quarter

PG&E Service Accounts: Rate Schedule E20S															Total Export Flow ¹	Pumping			
Acct # 8482061923-1					Acct # 8440395259-5					Billing	Total			Energy		Cost	Efficiency		
Service A					Service B														
Month	kWh	Peak	Partial Peak	Off Peak	\$	kWh	Peak	Partial Peak	Off Peak	\$	Days	kWh	\$/kWh	\$	MG	kWh/MG	\$/MG	\$/AF	%
Jul-19	166,497	0	0	166,497	\$30,462	184,195	1,515	1,798	180,882	\$31,431	32	350,692	\$0.18	\$61,893	168	2,090	\$369	\$120	66.5%
Aug-19	178,837	0	0	178,837	\$31,331	110,904	1,658	2,029	107,217	\$21,515	30	289,741	\$0.18	\$52,846	126	2,304	\$420	\$137	60.3%
Sep-19	193,450	0	0	193,450	\$32,494	172,093	1,738	2,152	168,203	\$27,331	32	365,543	\$0.16	\$59,825	171	2,135	\$349	\$114	65.1%
Oct-19	201,037	0	0	201,037	\$37,264	260,956	1,692	2,228	257,036	\$47,263	29	461,993	\$0.18	\$84,527	228	2,028	\$371	\$121	68.6%
Nov-19	309,348	0	42,986	266,362	\$54,475	288,830	918	46,856	241,056	\$48,621	30	598,178	\$0.17	\$103,096	271	2,205	\$380	\$124	63.1%
Dec-19	559,331	0	195,128	364,203	\$86,709	256,514	0	88,605	167,909	\$51,674	29	815,845	\$0.17	\$138,382	373	2,185	\$371	\$121	63.6%
Jan-20																			
Feb-20																			
Mar-20																			
Apr-20																			
May-20																			
Jun-20																			
Quarter																			
Average	356,572				\$59,483	268,767				\$49,186	29	625,339	\$0.17	\$108,668	291	2,139	\$374	\$122	65.1%
Total	1,069,716				\$178,448	806,300				\$147,557	88	1,876,016		\$326,005	872	6,418			
Minimum	201,037				\$37,264	256,514				\$47,263	29	461,993	\$0.17	\$84,527	228	2,028	\$371	\$121	63.1%
Maximum	559,331				\$86,709	288,830				\$51,674	30	815,845	\$0.18	\$138,382	373	2,205	\$380	\$124	68.6%
YTD																			
Average	268,083				\$45,456	212,249				\$37,972	30	480,332	\$0.17	\$83,428	223	2,158	\$377	\$123	64.5%
Total	1,608,500				\$272,734	1,273,492				\$227,834	182	2,881,992		\$500,568	1,337	12,948			
Minimum	166,497				\$30,462	110,904				\$21,515	29	289,741	\$0.16	\$52,846	126	2,028	\$349	\$114	60.3%
Maximum	559,331				\$86,709	288,830				\$51,674	32	815,845	\$0.18	\$138,382	373	2,304	\$420	\$137	68.6%

**NOTES:**

1) To calculate pumping efficiency, read dates, electric usage, and export flows are **matched to PG&E billing periods**: July 6/14/19-7/15/19; August 7/16/19-8/14/19; September 8/15/19-9/15/19.

2) Pumping efficiency is based on continuous average flows and a TDH of 442.8 feet, including static lift of 408.8 feet and piping losses of 34 feet (per Charlie Joyce, B&C, 2/12/07).

TABLE 2 - Pump Run Time Hours

LAVWMA SYSTEM: Fiscal Year 2019-2020, 2nd Quarter

Month	Pump No. 1	Pump No. 2	Pump No. 3	Pump No. 4	Pump No. 5	Pump No. 6	Pump No. 7	Pump No. 8	Pump No. 9	Pump No. 10	TOTAL	
	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Pump Run Hours	Pump Utilization %
Jul-19	79	0	0	155	73	135	106	0	32	141	720	9.7%
Aug-19	35	40	111	69	119	135	158	4	30	107	807	10.8%
Sep-19	55	224	44	37	127	37	176	262	1	29	991	13.8%
Oct-19	116	178	147	167	61	102	257	157	2	100	1,287	17.3%
Nov-19	319	7	108	167	260	124	171	20	276	280	1,732	24.1%
Dec-19	352	72	408	146	331	328	160	175	300	156	2,427	32.6%
Jan-20												
Feb-20												
Mar-20												
Apr-20												
May-20												
Jun-20												
Quarter												
Average	262	86	221	160	218	185	196	118	193	178	1,815	24.7%
Total	787	257	664	479	653	554	588	353	578	535	5,446	
Minimum	116	7	108	146	61	102	160	20	2	100	1,287	17.3%
Maximum	352	178	408	167	331	328	257	175	300	280	2,427	32.6%
YTD												
Average	159	87	136	123	162	143	171	103	107	135	1,327	18.0%
Total	955	522	818	740	972	860	1,027	618	640	812	7,964	
Minimum	35	0	0	37	61	37	106	0	1	29	720	9.7%
Maximum	352	224	408	167	331	328	257	262	300	280	2,427	32.6%

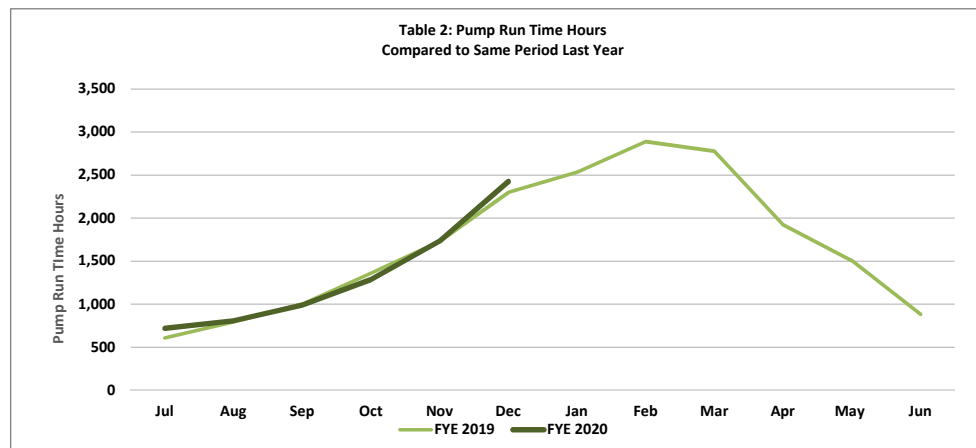


TABLE 3 - Monthly Average Storage Basin Levels and Volume

LAVWMA SYSTEM: Fiscal Year 2019-2020, 2nd Quarter

Month	Average Daily Volume			Average Volume Stored MG	Storage Available MG	Storage Basin Utilization %
	Basin No. 1	Basin No. 2	Basin No. 3			
	Feet	Feet	Feet			
Jul-19	2.51	0.14	2.22	2.39	18	13.3%
Aug-19	2.88	0.06	2.50	2.78	18	15.4%
Sep-19	4.18	0.33	4.03	4.36	18	24.2%
Oct-19	3.50	0.05	5.87	4.76	18	26.4%
Nov-19	1.88	1.07	2.89	3.02	18	16.8%
Dec-19	2.61	1.48	1.70	2.92	18	16.2%
Jan-20						
Feb-20						
Mar-20						
Apr-20						
May-20						
Jun-20						
Quarter						
Average	2.66	0.87	3.49	3.57		0.20
Minimum	1.88	0.05	1.70	2.92		0.16
Maximum	3.50	1.48	5.87	4.76		0.26
YTD						
Average	2.93	0.52	3.20	3.37		18.7%
Minimum	1.88	0.05	1.70	2.39		13.3%
Maximum	4.18	1.48	5.87	4.76		26.4%

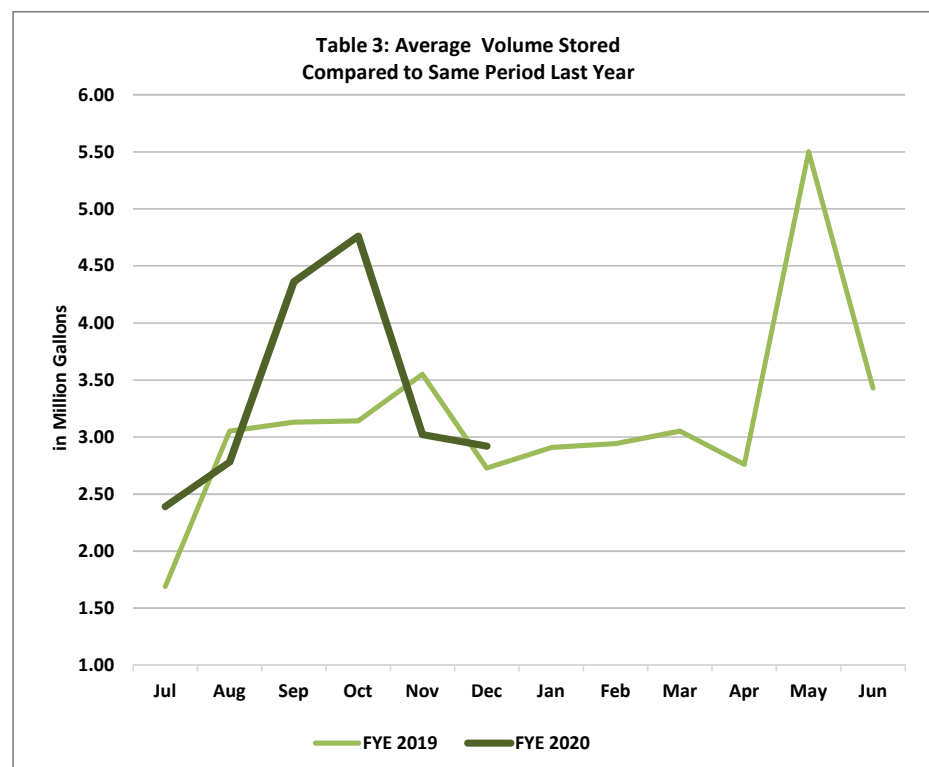
**Note:** Total available storage volume is 18 million gallons.

TABLE 4 - Monthly Export Flow

LAVWMA SYSTEM: Fiscal Year 2019-2020, 2nd Quarter

	Dublin	San Ramon	Pleasanton	Livermore	Combined Export	
Month	Flow *	Flow *	Flow *	Flow *		Total for
	MG	MG	MG	MG		Quarter
Jul-19	0	44	83	127		
Aug-19	0	53	92	145		
Sep-19	10	108	94	212	484	
Oct-19	25	124	104	253		
Nov-19	41	168	111	320		
Dec-19	149	216	138	503	1,076	
Jan-20						
Feb-20						
Mar-20					0	
Apr-20						
May-20						
Jun-20					0	
Quarter						
Total	215	508	353	1,076		
Average	72	169	118	359		
Minimum	25	124	104	253		
Maximum	149	216	138	503		
YTD						
Total	225	712	622	1,559		
Average	38	119	104	260		
Minimum	0	44	83	127		
Maximum	149	216	138	503		

* Monthly totals do not include flows diverted for recycling use by DERWA and Pleasanton.

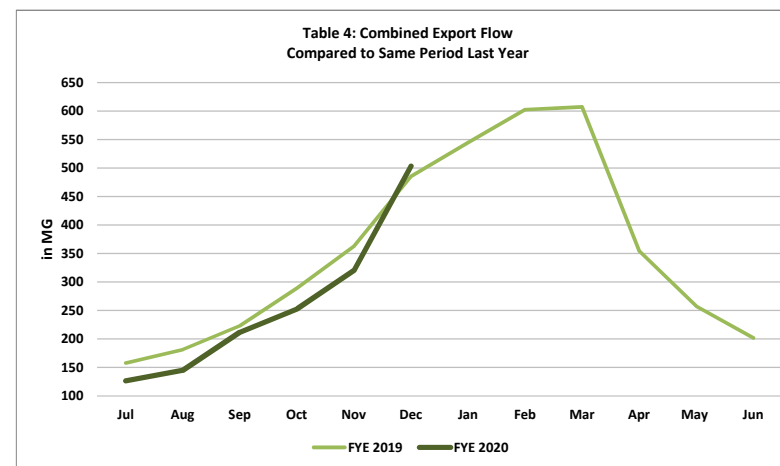


TABLE 5 - Labor Effort, Expenditures, and Budget Utilization

LAVWMA SYSTEM: Fiscal Year 2019-2020, 2nd Quarter

FY Labor Budget \$983,447

Month	Billed	FTE	Labor	YTD	Budget	Labor	Export	
	Labor			Labor		Budget		
	Hours	Equiv	Invoice	Budget	Utilization	Remaining	MG	AF
Jul-19	445.3	2.6	\$75,211	\$81,954	91.8%	\$908,236	127	389
Aug-19	327.8	1.9	\$53,857	\$163,908	78.7%	\$854,379	145	445
Sep-19	381.8	2.2	\$64,097	\$245,862	78.6%	\$790,282	212	650
Oct-19	497.3	2.9	\$79,111	\$327,816	83.1%	\$711,171	253	776
Nov-19	376.5	2.2	\$61,707	\$409,770	81.5%	\$649,465	320	982
Dec-19	322.3	1.9	\$46,667	\$491,724	77.4%	\$602,798	503	1,544
Jan-20								
Feb-20								
Mar-20								
Apr-20								
May-20								
Jun-20								
<u>QUARTER</u>								
Total	1,196.0		\$187,484				1,076	3,302
Average	398.7	2.3	\$62,495				359	1,101
Minimum	322.3	1.9	\$46,667				253	776
Maximum	497.3	2.9	\$79,111				503	1,544
<u>YTD</u>								
Total YTD	2,350.8		\$380,649		38.7%	\$602,798	1,559	4,786
Average YTD	391.8	2.3	\$63,442				260	798
Minimum	322.3	1.9	\$46,667				127	389
Maximum	497.3	2.9	\$79,111				503	1,544

TABLE 6 - O&M Expenditures and Budget Utilization**LAVWMA SYSTEM: Fiscal Year 2019-2020, 2nd Quarter****Total O&M Budget: \$2,517,127**

Month	Labor Expenses	A/P Expenses	Total O&M Expenses	YTD O&M Budget	Budget Utilization	O&M Budget Remaining	Overall O&M Cost		Export Flow	
							\$/MG	\$/AF	MG	AF
Jul-19	\$75,211	\$80,995	\$156,206	\$209,761	74.5%	\$2,360,921	\$1,233	\$402	127	389
Aug-19	\$53,857	\$63,031	\$116,889	\$419,521	65.1%	\$2,244,032	\$806	\$263	145	445
Sep-19	\$64,097	\$90,398	\$154,494	\$629,282	67.9%	\$2,089,538	\$729	\$238	212	650
Oct-19	\$79,111	\$91,145	\$170,256	\$839,042	71.3%	\$1,919,282	\$674	\$220	253	776
Nov-19	\$61,707	\$112,067	\$173,774	\$1,048,803	73.6%	\$1,745,508	\$543	\$177	320	982
Dec-19	\$46,667	\$144,424	\$191,091	\$1,258,564	76.5%	\$1,554,418	\$380	\$124	503	1,544
Jan-20										
Feb-20										
Mar-20										
Apr-20										
May-20										
Jun-20										

***Note: City of Pleasanton water bill had an error in July and overbilled by \$10,287.36; credit refund was received in November.**

QUARTER

Total	\$187,484	\$347,636	\$535,120				\$497	\$162	1,076	3,302
Average	\$62,495	\$115,879	\$178,373						359	1,101
Minimum	\$46,667	\$91,145	\$170,256				\$380	\$124	253	776
Maximum	\$79,111	\$144,424	\$191,091				\$674	\$220	503	1,544

YTD

Total YTD	\$380,649	\$582,060	\$962,709		38.2%	\$1,554,418	\$617	\$201	1,559	4,786
Average YTD	\$63,442	\$97,010	\$160,452							
Minimum	\$46,667	\$63,031	\$116,889				\$380	\$124	127	389
Maximum	\$79,111	\$144,424	\$191,091				\$1,233	\$402	503	1,544

TABLE 7 - O&M Expenditures and Budget Utilization for Livermore Sole Use Facilities

LAVWMA SYSTEM: Fiscal Year 2019-2020, 2nd Quarter

	Livermore Sole Use Facilities		
Month	Labor	A/P	Total
-----	Expenses	Expenses	Expenses
-----	-----	-----	-----
Jul-19	\$636	\$195	\$831
Aug-19	\$0	\$227	\$227
Sep-19	\$5,919	\$0	\$5,919
Oct-19	\$0	\$210	\$210
Nov-19	\$0	\$3,118	\$3,118
Dec-19	\$0	\$249	\$249
Jan-20			
Feb-20			
Mar-20			
Apr-20			
May-20			
Jun-20			
<u>Quarter</u>			
Total	\$0	\$3,577	\$3,577
Average	\$0	\$1,192	\$1,192
Minimum	\$0	\$210	\$210
Maximum	\$0	\$3,118	\$3,118
<u>YTD</u>			
Total	\$6,555	\$3,999	\$10,554
Average	\$1,093	\$667	\$1,759
Minimum	\$0	\$0	\$210
Maximum	\$5,919	\$3,118	\$5,919

TABLE 8

LAVWMA FY 2019-2020
BUDGET COMPARISON TO ACTUAL EXPENSES

Current FY Period: 6															
ACTUAL EXPENSES BILLED TO LAVWMA FOR REGULAR O&M															
	Budget	July	August	September	October	November	December	January	February	March	April	May	June	YTD	YTD
	FY 2019-2020	2019	2019	2019	2019	2019	2019	2020	2020	2020	2020	2020	2020	TOTAL	Budget
Labor															
Staff	\$983,447	\$75,211	\$53,857	\$64,097	\$79,111	\$61,707	\$46,667							\$380,649	\$491,724
Subtotal	\$983,447	\$75,211	\$53,857	\$64,097	\$79,111	\$61,707	\$46,667	\$0	\$0	\$0	\$0	\$0	\$0	\$380,649	\$491,724
Materials & Supplies															
Operations Supplies	\$12,200	\$0	\$0	\$0	\$98	\$24	\$138							\$260	\$6,100
Mechanical Supplies	\$25,000	\$252	\$20	\$1,410	\$837	\$19	\$703							\$3,241	\$12,500
Electrical Supplies	\$25,500	\$45	\$287	\$11,754	\$1,181	\$1,503	\$483							\$15,252	\$12,750
Subtotal	\$62,700	\$297	\$306	\$13,163	\$2,116	\$1,546	\$1,324	\$0	\$0	\$0	\$0	\$0	\$0	\$18,752	\$31,350
Laboratory Analysis															
Compliance Testing	\$11,300	\$890	\$712	\$712	\$890	\$712	\$712							\$4,628	\$5,650
Operational Support Testing	\$4,000	\$330	\$330	\$330	\$330	\$330	\$330							\$1,980	\$2,000
Special Sampling	\$15,000	\$1,156	\$1,445	\$1,445	\$1,445	\$1,156	\$1,445							\$8,092	\$7,500
Subtotal	\$30,300	\$2,376	\$2,487	\$2,487	\$2,665	\$2,198	\$2,487	\$0	\$0	\$0	\$0	\$0	\$0	\$14,700	\$15,150
Contractual Services															
Sub-surface Repairs	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$2,500
Street Sweeping	\$5,000	\$0	\$788	\$743	\$394	\$394	\$493							\$2,811	\$2,500
Cathodic Protection Survey & Repairs	\$30,000	\$0	\$0	\$0	\$0	\$12,635	\$0							\$12,635	\$15,000
Underground Service Alert	\$3,800	\$4,948	\$3,031	\$0	\$0	\$0	\$0							\$7,979	\$1,900
SCADA software maintenance contract	\$10,000	\$0	\$0	\$10,051	\$0	\$0	\$0							\$10,051	\$5,000
Rectifier monitoring (5 yr contract, FY22 \$40K)	\$0	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$0
Med voltage switchgear 3-yr PM (FY22, \$18k))	\$0	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$0
Arc Flash Study 5-yr (FY24, \$20k)	\$0	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$0
Motor rehab	\$0	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$0
HVAC Maintenance/Repairs	\$750	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$375
Termite/Pest Control	\$900	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$450
Landscape/weed maintenance	\$8,000	\$0	\$980	\$1,960	\$0	\$0	\$0							\$2,941	\$4,000
Janitorial Service	\$3,000	\$0	\$990	\$495	\$495	\$495	\$495							\$2,970	\$1,500
Fire Extinguisher Maintenance	\$200	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$100
Postage/Shipping Charges	\$250	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$125
Professional Services, misc	\$10,000	\$0	\$990	\$9	\$9	\$9	\$9							\$1,024	\$5,000
Subtotal	\$76,900	\$4,948	\$6,779	\$13,258	\$898	\$13,533	\$996	\$0	\$0	\$0	\$0	\$0	\$0	\$40,412	\$38,450
Utilities															
Electricity (PG&E)	\$1,346,400	\$62,419	\$53,459	\$59,825	\$84,889	\$104,009	\$139,617							\$504,217	\$673,200
Water & Sewer (Pleasanton)	\$1,000	\$10,287	\$0	\$358	\$0	-\$9,971	\$0							\$674	\$500
Water (EBMUD)	\$880	\$180	\$0	\$185	\$0	\$190	\$0							\$555	\$440
Telephone/communications	\$4,500	\$488	\$0	\$1,123	\$577	\$561	\$0							\$2,749	\$2,250
WW Treatment (DSRSD)	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$1,250
Subtotal	\$1,355,280	\$73,374	\$53,459	\$61,490	\$85,467	\$94,790	\$139,617	\$0	\$0	\$0	\$0	\$0	\$0	\$508,196	\$677,640
Non-Routine															
Pump Efficiency Testing	\$0	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$0
Corrosion Studies/ Inspections	\$500	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$250
Med voltage switchgear 3-yr PM (FY22, \$18k))	\$0	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$0
Time delay switches for electrical switchgear	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$4,000
LAVWMA PS PLC Upgrade (placeholder, \$160k)	\$0	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$0
Subtotal	\$8,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,250
Monthly Total	\$2,517,127	\$156,206	\$116,889	\$154,494	\$170,256	\$173,774	\$191,091	\$0	\$0	\$0	\$0	\$0	\$0	\$962,709	\$1,258,564
YTD Total		\$156,206	\$273,095	\$427,589	\$597,845	\$771,619	\$962,709	\$962,709	\$962,709	\$962,709	\$962,709	\$962,709		76% of YTD Budge	
Combined Export Flow, mg	4,094	127	145	212	253	320	503							1,560	2,047
Pumping Efficiency		66.5%	60.3%	65.1%	68.6%	63.1%	63.6%								
Monthly Cost, \$/mg		\$1,233	\$806	\$729	\$673	\$543	\$380								
YTD Running Cost, \$/mg	\$615	\$1,233	\$1,005	\$884	\$812	\$730	\$617								

TABLE 8

LAVWMA
BUDGET COMPARISON TO ACTUAL EXPENSES

Current FY Period: 6

ACTUAL EXPENSES BILLED TO LAVWMA FOR REGULAR O&M														
FY 2019-2020	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	YTD TOTAL	YTD Budget
<i>Estimated Personnel Hours</i>														
Division 50 - Ops Admin	0	-	-	-	-	-	-	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-	-	-	-	-	-	-
Division 51 - FOD	72	-	-	-	-	-	-	-	-	-	-	-	-	36.00
Water/Wastewater Sys Lead Op	0												-	-
Water/Wastewater Sys OP IV-On Call	0												-	-
Water/Wastewater Sys OP IV	64												-	32.00
Water/Wastewater Sys OP III	0												-	-
Water/Wastewater Sys OP II	0												-	-
Maintenance Worker	0												-	-
Supervisor	8												-	4.00
Division 52 - WWTP	2,996	197.00	156.50	151.00	228.00	153.00	206.50	-	-	-	-	-	1,092.00	1,498.00
Process Lead Operator IV/V	200	11.00	9.00	12.00	8.00	6.00	10.00						56.00	100.00
Senior WWTP Operator III	590	183.00	85.50	107.00	122.00	60.00	44.50						602.00	295.00
Operator In Training	0	-	-	-	78.00	-	146.00						-	-
Operator II	1,000	-	61.00	28.00	16.00	84.00	-						189.00	500.00
Operator II (SLSS)	1,156	-	-	-	-	-	-						-	578.00
Supervisor	50	3.00	1.00	4.00	4.00	3.00	6.00						21.00	25.00
Division 53 - MECH	1,741	103.75	96.75	160.75	111.75	128.50	55.75	-	-	-	-	-	657.25	870.50
Senior Mechanic-Crane Cert	380	-	1.50	-	-	4.00	-						5.50	190.00
Senior Mechanic - USA	82	-	2.00	-	-	-	-						2.00	41.00
Maintenance Worker	0	-	-	-	2.00	4.00	-						-	-
Mechanic I/II	760	48.00	49.00	72.25	62.75	59.25	15.00						306.25	380.00
Mechanic II-Crane Cert	200	45.50	26.00	67.00	30.50	51.50	28.50						249.00	100.00
Mechanic I/II - USA	269	5.75	10.75	12.00	12.50	5.25	4.75						51.00	134.50
Mechanic II-Crane Cert - USA	0	4.50	7.50	9.50	4.00	4.50	7.50						37.50	-
Supervisor	50	-	-	-	-	-	-						-	25.00
Division 54 - ELEC	924	138.50	70.00	61.00	149.00	89.50	58.00	-	-	-	-	-	566.00	462.00
Senior Instrument/Controls Tech	12	-	-	-	-	-	-						-	6.00
Instrument Tech	480	124.50	30.00	12.00	81.00	58.00	1.00						306.50	240.00
OPS Control Sys Spec	144	-	-	20.00	16.00	14.50	15.00						65.50	72.00
Senior Electrician	36	-	-	-	-	-	-						-	18.00
Electrician I/II	240	13.00	40.00	28.00	48.00	17.00	39.00						185.00	120.00
Supervisor	12	1.00	-	1.00	4.00	-	3.00						9.00	6.00
Division 26 - SAFETY	48	-	-	-	-	-	-	-	-	-	-	-	-	24.00
Safety Officer	48	-	-	-	-	-	-	-	-	-	-	-	-	24.00
Division 40 - ENG	100	6.00	4.50	9.00	8.50	5.50	2.00	-	-	-	-	-	35.50	50.00
Associate/Senior Civil Engineer-SME	100	6.00	4.50	9.00	8.50	5.50	2.00						35.50	50.00
<i>Total Estimated Personnel Hours</i>	5,881													
<i>FTE</i>	2.83													
Total Monthly Hours		445.25	327.75	381.75	497.25	376.50	322.25	-	-	-	-	-	2,350.75	2,940.50

TABLE 9

San Leandro Sampling Station Microbiology Results

October - December 2019

Collection Date	Fecal Coliform MPN/100ml	Enterococcus MPN/100ml
10/03/19	8	10
10/10/19	<2	<10
10/17/19	11	<10
10/24/19	4	<10
10/31/19	2	<10
11/07/19	17	<10
11/14/19	2	<10
11/21/19	30	<10
11/27/19	27	<10
12/05/19	<2	10
12/12/19	2	<10
12/19/19	9	<10
12/24/19	30	<10
12/31/19	17	<10
Median	11	<10
Geometric Mean	9.5	10

TABLE 10

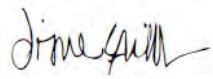
Monthly Report for LAVWMA - October 2019
Dublin San Ramon Services District Laboratory
ELAP Certificate # 1272

DATE	FLOW (MGD)	CBOD (mg/L) (kg/d)		TSS (mg/L) (kg/d)		MINIMUM pH (units)	MAXIMUM pH (units)	CHLORINE RESIDUAL (mg/L)	CHLORINE RESIDUAL (SLS STATION) (mg/L)
1	8.52					7.27	7.35	2.001	0.047
2	6.08	3	69	6.5	150	7.26	7.33	1.724	0.077
3	6.95					7.31	7.40	1.715	0.072
4	7.34					7.32	7.44	1.805	0.065
5	7.73					7.39	7.52	1.419	0.055
6	8.83					7.42	7.54	1.512	0.049
7	7.29					7.34	7.45	1.608	0.032
8	9.53					7.36	7.70	1.163	0.025
9	7.70	3.2	93	5.2	152	7.31	7.36	2.393	0.046
10	6.91					7.31	7.68	3.139	0.046
11	8.70					7.23	8.32	3.437	0.047
12	7.20					7.40	7.54	3.756	0.045
13	8.46					7.37	7.55	4.529	0.053
14	6.46					7.31	7.42	4.976	0.057
15	9.01					7.28	7.38	3.592	0.011
16	6.65					7.28	7.34	2.846	0.044
17	7.97					7.31	7.35	2.883	0.045
18	8.73	5.8	192	5.9	195	7.33	7.38	3.057	0.042
19	8.61					7.35	7.69	3.364	0.028
20	9.72					7.42	7.51	3.846	0.042
21	7.37					7.34	7.47	3.533	0.032
22	11.04					7.33	7.41	2.657	0.012
23	7.19	3.6	98	6.3	171	7.33	7.41	2.123	0.024
24	8.27					7.31	7.36	1.724	0.026
25	8.06					7.32	7.63	1.794	0.027
26	10.31					7.40	7.50	1.804	0.023
27	7.86					7.35	7.46	1.612	0.034
28	8.74					7.31	7.41	1.727	0.029
29	9.40					7.36	7.59	2.230	0.005
30	6.10					7.33	7.37	3.784	0.007
31	10.01	3.8	144	6.0	227	7.33	7.36	3.343	0.006
MAX.	11.04	5.8	192	6.5	227	7.42	8.32	4.98	0.08
MIN.	6.08	3.0	69	5.2	150	7.23	7.33	1.16	0.01
AVE.	8.15	3.9	119	6.0	179	7.33	7.49	2.62	0.04
TOTAL	252.70								

Samples collected from LAVWMA Export Pump Station, except for chlorine at the San Leandro Sampling Station as noted.

MGD = Millions of gallons per day; mg/L = milligrams per liter; kg/d = kilograms per day

Authorized for release by:


Diane Griffin, Laboratory Director

Date:

2/5/2020

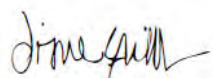
TABLE 10

Monthly Report for LAVWMA - November 2019
Dublin San Ramon Services District Laboratory
ELAP Certificate # 1272

DATE	FLOW (MGD)	CBOD (mg/L) (kg/d)		TSS (mg/L) (kg/d)		MINIMUM pH (units)	MAXIMUM pH (units)	CHLORINE RESIDUAL (mg/L)	CHLORINE RESIDUAL (SLS STATION) (mg/L)
1	8.48					7.33	7.37	3.745	0.006
2	9.95					7.33	7.44	3.888	0.002
3	9.95					7.33	7.39	3.721	0.001
4	9.80					7.29	7.42	3.590	0.000
5	11.07					7.23	7.38	3.273	0.000
6	9.60	4.5	164	14.9	542	7.33	7.55	3.008	0.000
7	9.11					7.35	7.53	3.173	0.000
8	8.78					7.38	7.62	3.306	0.000
9	9.35					7.33	7.51	3.448	0.000
10	9.35					7.38	7.46	3.542	0.000
11	9.35					7.39	7.53	3.348	0.000
12	11.06					7.42	7.59	3.050	0.000
13	10.45	4.6	182	14.3	565	7.46	7.70	3.846	0.000
14	10.96					7.40	7.62	3.190	0.000
15	8.82					7.46	7.58	3.867	0.000
16	9.68					7.44	7.59	4.130	0.000
17	10.38					7.44	7.60	3.992	0.000
18	10.28					7.40	7.52	4.047	0.000
19	11.10					7.36	7.54	4.015	0.000
20	10.87	3.4	140	8.0	329	7.39	7.63	3.612	0.000
21	10.87					7.36	7.62	3.202	0.000
22	11.19					7.43	7.53	3.219	0.000
23	8.81					7.37	7.55	4.148	0.000
24	12.07					7.43	7.53	3.906	0.000
25	11.48					7.41	7.53	3.803	0.000
26	11.48					7.42	7.69	4.572	0.000
27	13.39	4.7	238	9.0	456	7.57	7.67	4.865	0.000
28	13.60					7.43	7.60	4.987	0.000
29	14.17					7.42	7.52	4.987	0.000
30	14.60					7.39	7.51	4.987	0.000
MAX.	14.60	4.7	238	14.9	565	7.57	7.70	4.99	0.01
MIN.	8.48	3.4	140	8.0	329	7.23	7.37	3.01	0.00
AVE.	10.67	4.3	181	11.6	473	7.39	7.54	3.82	0.00
TOTAL	320.06								

Samples collected from LAVWMA Export Pump Station, except for chlorine at the San Leandro Sampling Station as noted.
 MGD = Millions of gallons per day; mg/L = milligrams per liter; kg/d = kilograms per day

Authorized for release by:


 Diane Griffin, Laboratory Director

Date:

2/5/2020

TABLE 10

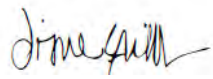
Monthly Report for LAVWMA - December 2019
Dublin San Ramon Services District Laboratory
ELAP Certificate # 1272

DATE	FLOW (MGD)	CBOD (mg/L) (kg/d)		TSS (mg/L) (kg/d)		MINIMUM pH (units)	MAXIMUM pH (units)	CHLORINE RESIDUAL (mg/L)	CHLORINE RESIDUAL (SLS STATION) (mg/L)
1	15.74					7.42	7.47	4.987	0.000
2	16.09					7.36	7.60	4.822	0.000
3	18.38					7.47	7.60	4.097	0.000
4	14.62	4.8	266	8.2	454	7.35	7.47	4.243	0.000
5	15.91					7.34	7.40	4.296	0.000
6	17.98					7.35	7.38	4.135	0.000
7	16.41					7.34	7.42	3.753	0.000
8	14.70					7.36	7.46	1.220	0.000
9	15.37					7.27	7.36	0.593	0.000
10	18.16					7.28	7.32	0.649	0.000
11	19.47	4.1	302	9.8	722	7.32	7.58	3.191	0.000
12	16.30					7.48	7.55	4.724	0.000
13	16.09					7.43	7.56	4.641	0.000
14	15.58					7.42	7.52	4.839	0.000
15	15.75					7.39	7.48	4.193	0.000
16	15.96					7.36	7.44	3.608	0.000
17	15.62					7.32	7.52	3.361	0.000
18	16.32	5.1	315	10.0	618	7.33	7.44	3.835	0.000
19	16.73					7.30	7.44	3.346	0.000
20	15.51					7.30	7.52	2.944	0.000
21	17.24					7.34	7.41	2.862	0.000
22	16.24					7.38	7.42	2.101	0.000
23	15.77					7.33	7.42	1.865	0.000
24	17.45					7.37	7.60	3.359	0.000
25	15.96					7.49	7.60	3.969	0.000
26	17.01	6.4	412	12.9	831	7.51	7.58	3.517	0.000
27	16.86					7.47	7.61	3.363	0.000
28	14.46					7.44	7.60	2.478	0.000
29	14.17					7.37	7.49	2.103	0.000
30	13.98					7.39	7.44	2.062	0.000
31	17.33					7.44	7.57	1.968	0.000
MAX.	19.47	6.4	412	12.9	831	7.51	7.61	4.99	0.00
MIN.	13.98	4.1	266	8.2	454	7.27	7.32	0.59	0.00
AVE.	16.23	5.1	324	10.2	656	7.38	7.49	3.26	0.00
TOTAL	503.19								

Samples collected from LAVWMA Export Pump Station, except for chlorine at the San Leandro Sampling Station as noted.

MGD = Millions of gallons per day; mg/L = milligrams per liter; kg/d = kilograms per day

Authorized for release by:


Diane Griffin, Laboratory Director

Date:

2/5/2020

TABLE 11

DUBLIN SAN RAMON SERVICES DISTRICT WASTEWATER TREATMENT FACILITY

LAVWMA

Langelier pH Saturation Index

Collection DATE	TDS (mg/L)	Temp (°C)	Ca Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)	pH (Actual)	pH Saturation	Langlier Index
10/22/19	760	23.2	122	368	7.5	7.2	0.3
11/06/19	1074	22.2	74	495	7.6	7.3	0.3
12/11/19	688	20.6	116	326	7.4	7.3	0.1
MAXIMUM	1074	23.2	122	495	7.6	7.3	0.3
MINIMUM	688	20.6	74	326	7.4	7.2	0.1
AVERAGE	841	22.0	104	396	7.5	7.3	0.2

TABLE 11

DUBLIN SAN RAMON SERVICES DISTRICT WASTEWATER TREATMENT FACILITY

DSRSD

Langelier pH Saturation Index

Collection DATE	TDS (mg/L)	Temp (°C)	Ca Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)	pH (Actual)	pH Saturation	Langlier Index
10/26/19	757	25.0	132	358	7.3	7.2	0.1
11/06/19	745	24.0	112	350	7.4	7.2	0.2
12/11/19	786	22.3	146	352	7.3	7.2	0.1
MAXIMUM	786	25.0	146	358	7.4	7.2	0.2
MINIMUM	745	22.3	112	350	7.3	7.2	0.1
AVERAGE	763	23.8	130	353	7.3	7.2	0.1

TABLE 11

CITY OF LIVERMORE
LIVERMORE WATER RECLAMATION PLANT

Both pH Saturation Indices

Collection DATE	TDS (mg/L)	Temp (°C)	Ca Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)	pH (Actual)	pH Saturation	Langlier Index
10/02/19	500	24.0	63	270	7.6	7.7	-0.1
11/06/19	510	23.0	64	259	7.5	7.7	-0.2
12/04/19	520	20.0	74	315	7.5	7.6	-0.1
MAXIMUM	520	24.0	74	315	7.6	7.7	-0.1
MINIMUM	500	20.0	63	259	7.5	7.6	-0.2
AVERAGE	510	22.3	67	281	7.5	7.7	-0.1

TABLE 12 – LAVWMA Routine and Emergency Contact Information

<i>Agency</i>	<i>Contact</i>	<i>Office</i>
DSRSD	Sue Stephenson, Community Affairs Supervisor	(925) 875-2295
LAVWMA	Chuck Weir, General Manager	(925) 875-2233

The routine, non-emergency contact information is as follows:

<i>Agency</i>	<i>Contact</i>	<i>Office</i>
DSRSD	WWTP Main Office/Control Room Office	(925) 846-4565
DSRSD	Shawn Quinlan, Mechanical Maintenance Supervisor	(925) 875-2358
DSRSD	Levi Fuller, WWTP Operations Supervisor	(925) 875-2300
DSRSD	Jeff Carson, Operations Manager	(925) 875-2345
DSRSD	Fax Machine	(925) 462-0658

The after-hours and emergency contact information is as follows:

<i>Agency</i>	<i>Contact</i>	<i>Cell</i>
DSRSD	24 Hour On Duty Operator	(925) 519-0557
DSRSD	Operator II On Duty	(925) 872-5887
DSRSD	Shawn Quinlan, Mechanical Maintenance Supervisor	(925) 570-7878
DSRSD	Levi Fuller, WWTP Operations Supervisor	(925) 570-8775
DSRSD	Jeff Carson, Operations Manager	(925) 719-2997

The City of Livermore emergency contact information is as follows:

<i>Agency</i>	<i>Contact</i>	<i>Cell</i>
Livermore	24 Hour On Duty Operator	(925) 960-8160
Livermore	Jimmie Truesdell, Water Resources Operations Manager	(925) 525-2016

The City of Pleasanton emergency contact information is as follows:

<i>Agency</i>	<i>Contact</i>	<i>Cell</i>
Pleasanton	24 Hour On Call Operator	(925) 437-3992
Pleasanton	Eric Amaro, Chief Utilities System Operator	(925) 437-3605

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ITEM NO. 10 PROJECT STATUS REPORTS - RISK ANALYSIS OF THE PUMP STATION / FAILURE ANALYSIS OF THE FORCEMAIN SYSTEM PROJECT AND ENGINEERING SERVICES FOR THE MOTOR CONTROL CENTER REPLACEMENT PROJECT

Action Requested

None at this time.

Summary

At the August 21, 2019 Board meeting the Board authorized the General Manager to issue two Requests for Proposal (RFP) for critical pump station projects. The first RFP was to conduct a risk analysis of the pump station electrical system, system storage capabilities, and a failure analysis of the forcemain system. As a reminder, this RFP was designed to help evaluate the risk associated with the potential loss of electrical power due to PG&E's PSPS program or other outages, explore alternatives such as using a generator as a backup to allow pumping or storing effluent for up to five days until power is restored, as well as provide an inspection of the forcemain and evaluation of its remaining useful life. The Board also authorized the General Manager to; (a) form a selection committee to evaluate the proposals and (b) award a Professional Services Agreement with the selected Proposer, if any, in an amount not to exceed \$250,000.

The second RFP is to design the Motor Control Center (MCC) Replacement Project. As a reminder, this project involves the design and engineering necessary to bring the two MCCs at the pump station to modern standards since the starters are coming to the end of their useful life and/or have obsolete equipment that cannot be replaced. The Board also authorized the General Manager to; (a) form a selection committee to evaluate the proposals and (b) award a Professional Services Agreement with the selected Proposer, if any, in an amount not to exceed \$225,000.

Risk/Failure Analysis and Pipeline Inspection Project Status

The RFP was issued on August 29, 2019. A non-mandatory tour was held on September 11, 2019 and was attended by four firms. Two proposals were received by the due date of October 2, 2019. A summary of the proposals is shown in the following table.

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Firm	Cost Estimate	Schedule	Notes
HydroScience teamed with Woodard & Curran and National Plant Services	\$212,891	Approximately eight months	1. Listed an optional task at a cost of \$25,000 to develop an SOP for all available treatment and storage during an extended power outage. 2. Included costs of \$7,500 per day for three days for pipeline inspection.
V&A Consulting Engineers teamed with West Yost and DTN Engineers	\$186,880	Approximately six months	1. Did not include costs for pipeline inspection.

Since the HydroScience estimate included costs for pipeline inspection, the cost estimates are comparable between the two firms. Staff from the Member Agencies, the General Manager, and General Counsel reviewed and rated the proposals. There was no clearly superior proposal. Interviews with the two firms were held on November 19, 2019. Both firms were well qualified to do the project. Based on new information regarding the low risk of the pump station being subject to a PG&E Public Safety Power Shutoff (PSPS), the review committee determined that it was more important to focus on capacity and regulatory issues and selected the team led by HydroScience (HS).

Following the selection, staff met with HS to develop the concepts for a revised scope. One of the key elements will be to determine how much capacity beyond the 19.72 MGD that LAVWMA already owns in the EBDA system will be needed between now and 2040. This will be essential in our negotiations with EBDA for a new Master Agreement. HS will also be able to assist LAVWMA with Regional Board negotiations in case additional permit provisions to allow more flow to be discharged to San Lorenzo Creek or Alamo Canal are required as the discharge permit is negotiated later this year. Staff from the member agencies have provided hourly flow data from the last five years as well as master plan flow projections through 2040.

The final scope and cost should be completed by mid-February, such that an agreement with HS can be completed before the end of the month.

MCC Replacement Design Project Status

The RFP was issued on August 28, 2019. A non-mandatory tour was held on September 26, 2019 and was attended by one firm. One proposal was received by the due date of October 4, 2019. The proposal was received from DTN Engineers, which is the firm that designed the cable replacement project and is familiar with the Agency's equipment and needs. The cost estimate is

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\$199,595 with a schedule of approximately ten months, depending on weather. Although only one proposal was received, the same group reviewed it and has recommended acceptance of the proposal, given their qualifications, extensive experience in undertaking comparable projects, and the price being within the authorized range. Based on conversations with the member agencies, it was decided to add two additional tasks to the scope for DTN Engineers. The first is to prepare a Technical Memo to discuss Export Pump Station Power Loss Risk due to PG&E Public Safety Power Shutoff. The second task is to prepare a Technical Memo to discuss the new PG&E time-of-use rate schedule and review the current Export Pump Station Operational Strategy and recommend possible enhancement to maximize energy savings. PG&E's revised rate schedule changes the hours for peak usage by moving it to later in the day. This is due to the amount of solar power that is available during sunlight hours. The revised scope, copy attached is still under the budget of \$225,000. The agreement has now been signed by all parties, and a Notice to Proceed will be issued once the proper insurance documentation is received.

Recommendation

None at this time. This is an information item only.

Attachment

DTN Engineers Scope of Work for the MCC Replacement Project.



January 20, 2020

Mr. Charles V. Weir, General Manager
Livermore-Amador Valley Water Management Agency
7051 Dublin Boulevard
Dublin, CA 94568

Subject: Motor Control Center Replacement Project
Detailed proposal

Dear Mr. Weir,

Per your instructions, DTN is grateful to submit our detailed scope of work based on our submitted proposal for your approval as follows:

BACK GROUND

Currently, the pump station has two 2300V MCCs. They are MCC-P1 and MCC-P2. MCC-P1 was installed in 1979 and presently serves six 500HP pumps. The original manufacturer of the MCC-P1 is General Electric, and the starters are autotransformer type starters. MCC-P2 was installed in 2002 and presently serves four 600HP pumps. The manufacturer of MCC-P2 is Eaton, and the starters are also autotransformer type starters. While both MCCs have served reliably over the years because of excellent maintenance performed by DSRSD staff, some components of these MCCs are obsolete and hard to procure, and thus LAVWMA desires to have these two MCCs replaced with modern MCCs

SCOPE OF WORK

The scope of our work based on the submitted proposal includes the following tasks:

Task 1- Preliminary Engineering:

- a. Kick off meeting
- b. Field investigation and data collection
- c. Preliminary Technical Design Memo .

Task 2- Design Engineering to replace MCC-P1 and MCC-P2

- a. Produce Design drawings and submit 65%, 90% and Final Drawings.
- b. Produce Design/Technical Specifications for the project (Div 26 00 00 Series)
- c. Produce construction Cost Estimates

Task 3- Assistance during bidding:

- a. Attend pre-bid conference
- b. Assist with addenda if needed.

Task 4 - Construction Support services:

- a. Attend Pre-construction Kick-off meeting

- b. Review and provide Comments to the following shop drawings:
 - 1. Motor Control Centers P1 and P2
 - 2. General Electrical Materials
 - 3. Cut-over Construction Sequence
 - 4. O&M Manual for the replacement MCCs.
 - 5. Review and provide Replies to RFIs, RFCs, COs etc.
- c. Visit construction site to review progress (8 visits total)
- d. Provide Record Drawings of the followings:
 - 1. Replacement MCCs P1 and P2 per the Contractor's markups.
 - 2. Produce as-built drawings of the 480V MCCs and Panelboards

Task 5- Project Management:

- a. Coordinate with LAVWMA and monitor all activities

Task 6- Write a Technical Memo to discuss Export Pump Station Power Loss Risk due to PG&E Public Safety Power Shutoff (PSPS)

Task 7- Write a Technical Memo to discuss new PG&E Time-of-use rate and review the current Export Pump Station Operational Strategy and recommend possible enhancement to maximize energy savings.

ENGINEERING FEE

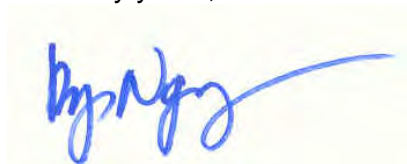
The proposed fee for the above tasks including ODCs is not-to-exceed per our fee schedule is \$223,805 unless amended by LAVWMA in writing. Please refer to attached spreadsheet for detailed hours and costs for each task.

SCHEDULE

Based on a standard lead time for medium voltage switchgear and MCC at 10 to 14 weeks, We estimate the construction schedule to be around 18 months total. The following detailed schedule with milestone dates is estimated based on the NTP of Feb 1, 2020.

Please contact the undersigned if there are any other questions regarding this scope and fee proposal. We are excitedly looking forward to the continued opportunity serving LAVWMA and DSRSD in the project.

Sincerely yours,



Diep Nguyen, PE, Project Manager

Attachments: Fee details and schedule

Dwg specs list and hrs

FEE ESTIMATE FOR DESIGN & CONSTRUCTION SERVICES

	PM Lead EE	EE	CADD Designer	OFFICE (SUPPORT)	MISC	TOTAL
Hourly Rate:	\$ 265.00	\$ 225.00	\$ 120.00	\$ 100.00		
TASK 1 - Preliminary Engineering						
a) Kick-off meeting	2	2				\$ 980.00
b) Field investigation, data collection	16	16				\$ 7,840.00
c) Prelim. design memo (Note 6)	8	12	10			\$ 6,020.00
TASK 2 - Design Engineering						
a) Design Drawings 65%, 90%, FINAL (Note 2)	94	100	256			\$ 78,130.00
b) Specifications (DIV 26 00 00 series) (Note 3)	8	10		10		\$ 5,370.00
c) Construction Cost Estimates						
TASK 3 - Bidding Services	6	12	24	10		\$ 8,170.00
a) Pre-Bid conference	4	4				\$ 1,960.00
b) Addendum	2	6	8			\$ 2,840.00
TASK 4 - Construction Support Services						
a) Pre-construction kick-off Meeting	4	4				\$ 1,960.00
b) Shop Drawing Review						
1. Motor Control Centers	8	24				\$ 7,520.00
2. Arc Flash Coordination Studies (Note 4)	4	16				\$ 4,660.00
3. General Electrical Materials	1	4				\$ 1,165.00
4. Cut-over Construction Sequence	2	8				\$ 2,330.00
5. O&M Manuals (MCCs)	2	6				\$ 1,880.00
6. RFI, RFC, COs	8	20	16			\$ 8,540.00
c) Construction Visits (8 visits)	32	8				\$ 10,280.00
d) As-built and Record Drawings (Note 7)	16	40	80			\$ 22,840.00
TASK 5 - Project Management (Note 5)						
a) Coordination and monthly activities (Note 8)	64	18		36		\$ 24,610.00
TASK 6 - TM - Pump Station Power Loss Risk due to PG&E PSPS	30	16		10		\$ 12,550.00
TASK 7 - TM- PG&E time-of-use rate and Pumping oper. strategy	24	20		8		\$ 11,660.00

TOTAL HOURS:	335	346	394	74		1149 HRS
SUB-TOTAL COST:	88,775.00	77,850.00	47,280.00	7,400.00	-	\$ 221,305.00
Indirect costs such as printing, travel, mileages, meals, etc:						\$ 2,500.00
(Note 1) PROJECT TOTAL:						\$ 223,805.00

SEE NOTES ON NEXT PAGE

NOTES:

1. It is not the intent of the estimate to limit the per task amount because some tasks may require more time and effort whereas some tasks may require less time and effort. It is the total project limit is intended as the not to exceed amount unless this total amount changed and approved by LAVWMA.
2. See attached list located in the Appendix of drawings with detailed hour per drawing. There are three required submittals: 65%, 90% and final drawings.
3. See attached list of Spec Sections located in the Appendix.
4. LAVWMA to provide original arc flash studies for data associated with existing power system.
5. It is assumed that day-to-day construction management be performed by a third party. DTN's responsibilities are mainly electrical support activities.
6. Brief design memo summarizes design criteria and approach.
7. Record drawings to include existing low voltage MCCs and Panelboards as requested by LAVWMA
8. Estimate effort for average 18 months overall project time frame

ID	Task Name	Start	Finish	2020						2021				
				Jan	Mar	May	Jul	Sep	Nov	Jan	Mar	May	Jul	Sep
0	LAVWMA MCC Replacement RFP	2/3/2020	10/1/2021											
1	1. Kickoff Meeting	2/3/2020	2/3/2020	◆ 2/3										
2	2. Design Phase	2/3/2020	5/15/2020											
3	a. Field Investigation	2/3/2020	2/10/2020	■										
4	b. TM Submittal	2/25/2020	2/25/2020	◆ 2/25										
5	c. 65% Submittal	3/27/2020	3/27/2020		◆ 3/27									
6	d. 90% Submittal	4/30/2020	4/30/2020			◆ 4/30								
7	e. Final Submittal	5/15/2020	5/15/2020			◆ 5/15								
8	3. Bid Advertisement and Award	5/18/2020	7/6/2020											
9	4. Construction	7/7/2020	10/1/2021											
10	Construction Start	7/7/2020	7/7/2020				◆ 7/7							
11	Shop Drawing	8/10/2020	8/10/2020				◆ 8/10							
12	Approval of Shop Drawings	10/12/2020	10/12/2020					◆ 10/12						
13	Complete MCC-P1 Install	1/18/2021	2/16/2021							■				
14	Complete MCC-P2 Install	4/19/2021	5/31/2021								■			
15	Construction Finish	9/1/2021	9/1/2021										◆ 9/1	
16	Walk-Thru and Closure	10/1/2021	10/1/2021											◆ 10/1
17														

DTN Project #XXX
LAVWMA Export Pump Station - MCC Replacement Project

October 4-2019

Drawing List

Dwg No.	Description
E-1	Drawing Index – Cover Sheet
E-2	Electrical Legend, Symbols and Construction Notes
E-3	Main Single-Line Diagram
E-4	MCC-P1 Single-Line Diagram Demolition
E-5	MCC-P1 Single-Line Diagram
E-6	MCC-P2 Single-Line Diagram Demolition
E-7	MCC-P2 Single-Line Diagram
E-8	Pump Control Schematic Diagram
E-9	PLC wiring modifications Sheet 1
E-10	PLC wiring modifications Sheet 2
E-11	PLC Panel details
E-12	Partial Station Site Plan
E-13	Enlarge Partial Site Plan
E-14	MCC Elevation Detail
E-15	MCC Plan - Demolition
E-16	Construction Details Sheet 1
E-17	Construction Details Sheet 2
E-18	Construction Details Sheet 3
E-19	Typical Construction Details
E-20	Demolition Details Sheet 1
E-21	Demolition Details Sheet 2
E-22	Simplified Single-Line and Construction Sequence Diagram

Specs List

Section	Description
260000	Requirements for Electrical Work
260008	Demolition Work
260750	Electrical Identification
262220	Motors
264220	Motor Control
269380	Power System Study
269200	Medium Voltage Motor Control Centers
269500	Electrical Testing

LAVWMA Export PS - Project Name: MCC Replacement

DRAWING MAN-HR ESTIMATE

Date: 10-04-2019

Drawings	Design	Drafting	Total Hrs
E-1	4	8	12
E-2	4	10	14
E-3	8	10	18
E-4	8	8	16
E-5	16	20	36
E-6	8	8	16
E-7	12	20	32
E-8	12	12	24
E-9	12	16	28
E-10	12	16	28
E-11	10	16	26
E-12	8	12	20
E-13	16	20	36
E-14	10	12	22
E-15	10	12	22
E-16	8	10	18
E-17	8	10	18
E-18	8	10	18
E-19	4	6	10
E-20	8	10	18
E-21	8	10	18
E-22	12	16	28

SUB-TOTAL: 194 256

TOTAL HRS: 478

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ITEM NO. 11 RESOLUTION APPROVING A LUMP SUM PAYMENT TO EBDA FOR LAVWMA'S SHARE OF EBDA'S OTHER POST-EMPLOYMENT BENEFITS AND PENSION ACCOUNTS

Action Requested

Approve Resolution No. 20-02 Approving a Lump Sum Payment to EBDA for LAVWMA's Share of EBDA's Other Post-Retirement Benefits and Pension Accounts.

Summary

East Bay Dischargers Authority (EBDA) has been working toward a resolution of its Other Post-Retirement Benefits (OPEB) and Pension Account. Please refer to the attached agenda report and resolution from a recent EBDA meeting where the EBDA member agencies agreed to a lump sum payment to achieve the established goals of reaching an 80% funding target for OPEB and a 95% funding target for the pension account through CalPERS. LAVWMA's share of the \$1,137,331 total payment is \$211,544 less a credit of \$75,835 from the FY2018/19 Budget closeout. LAVWMA's lump sum payment is \$135,708 and is based on the current fixed cost percentage of 18.6% as specified in the Master Agreement.

As noted in the Financial Report and the Quarter Report of Operations, expenses through December 31, 2019 are substantially below budget. Normally expenses increase during wet weather, but since rainfall in both January and February have been below normal, it is expected that costs will remain well below budget through the rest of the fiscal year. As a consequence, making this lump sum payment is not likely to require an additional assessment from the member agencies.

Recommendation

Approve Resolution No. 20-02 Approving a Lump Sum Payment in the Amount of \$135,708 for LAVWMA's Share of EBDA's Other Post-Retirement Benefits and Pension Accounts.

Attachment

Resolution No. 20-02.



EAST BAY DISCHARGERS AUTHORITY
2651 Grant Avenue
San Lorenzo, CA 94580-1841
(510) 278-5910
FAX (510) 278-6547

A Joint Powers Public Agency

ITEM NO. 10

**FINANCIAL MANAGEMENT COMMITTEE
AGENDA**

Monday, December 16, 2019

4:00 p.m.

**East Bay Dischargers Authority
2651 Grant Avenue
San Lorenzo, CA 94580**

Committee Members: Mendall (Chair); Johnson

FM1. Call to Order

FM2. Roll Call

FM3. Public Forum

FM4. List of Disbursements for November 2019

(The Committee will review the List of Disbursements.)

FM5. Treasurer's Report for November 2019

(The Committee will review the Preliminary Treasurer's Report.)

FM6. Resolution Authorizing the General Manager to Amend the Agreement with Hanson Bridgett, LLP in the Amount of \$50,000 for a Total Contract Value of \$150,000

(The Committee will review the proposed resolution.)

FM7. Resolution Authorizing the General Manager to Make Lump Sum Payments to the Authority's OPEB and Pension Accounts, to Apply FY2018-19 Credits To Each Agency's Share of those Lump Sum Payments, and to Invoice the Agencies for Any Outstanding Portion of their Lump Sum Allocation

(The Committee will review the proposed resolution.)

FM8. Adjournment

(Any member of the public may address the Commission at the commencement of the meeting on any matter within the jurisdiction of the Commission. This should not relate to any item on the agenda. It is the policy of the Authority that each person addressing the Commission limit their presentation to three minutes. Non-English speakers using a translator will have a time limit of six minutes. Any member of the public desiring to provide comments to the Commission on an agenda item should do so at the time the item is considered. It is the policy of the Authority that oral comments be limited to three minutes per individual or ten minutes for an organization. Speaker's cards will be available in the Boardroom and are to be completed prior to speaking.)

(In compliance with the Americans with Disabilities Act of 1990, if you need special assistance to participate in an Authority meeting, or you need a copy of the agenda, or the agenda packet, in an appropriate alternative format, please contact the Administrative Assistant at the EBDA office at (510) 278-5910 or kyambao@ebda.org. Notification of at least 48 hours prior to the meeting or time when services are needed will assist the Authority staff in assuring that reasonable arrangements can be made to provide accessibility to the meeting or service.)

(In compliance with SB 343, related writings of open session items are available for public inspection at East Bay Dischargers Authority, 2651 Grant Avenue, San Lorenzo, CA 94580. For your convenience, agenda items are posted on the East Bay Dischargers Authority website located at <http://www.ebda.org>.)

**The next Financial Management Committee meeting will be held
Monday, January 13, 2020 at 3:00 p.m.**

ITEM NO. FM7 RESOLUTION AUTHORIZING THE GENERAL MANAGER TO MAKE LUMP SUM PAYMENTS TO THE AUTHORITY'S OPEB AND PENSION ACCOUNTS, TO APPLY FY2018-19 CREDITS TO EACH AGENCY'S SHARE OF THOSE LUMP SUM PAYMENTS, AND TO INVOICE THE AGENCIES FOR ANY OUTSTANDING PORTION OF THEIR LUMP SUM ALLOCATION

Recommendation

Approve the resolution.

Background

Earlier this year, the Commission adopted Policy 1.2 – OPEB Funding and Policy 1.6 – Pension Funding Policy. These policies set target funding ratios for these retirement obligations at 80% and 95%, respectively. The Commission also provided direction to staff that each member agency would be allocated their share of the liability associated with reaching those targets in FY 2019/20, prior to the start of the new JPA.

At last month's Committee and Commission meetings, staff was given direction to prepare a resolution authorizing the General Manager to:

- Make lump sum payments to the Authority's California Employers' Retirement Benefits Trust (CERBT) and Pension Fund to reach the policy targets
- Allocate those lump sums to the agencies based on the current JPA fixed cost allocations
- Apply agencies' FY 18/19 budget underrun credits against those allocations
- Invoice agencies whose OPEB/pension lump sum liability exceeds their credit

The Committee also directed staff to begin pursuing withdrawals from the CERBT for current retiree OPEB costs once the lump sum contribution is made.

Discussion

Based on the actuarial evaluation from North Bay Pensions as of June 30, 2019 for OPEB, the lump sum payment required to reach the 80% funding target is \$492,331. For pension, the Authority's CalPERS Actuary estimates, projecting forward from June 30, 2018 to June 30, 2020 at an investment return of 7.00%, that a payment of \$645,000 made on April 1, 2020 would achieve the 95% funding target at the end of this fiscal year. The total recommended lump sum payment is therefore \$1,137,331.

The following table allocates that liability per each agency's fixed cost allocation, which is based on current capacity. This table also shows each agency's credit per the FY 18/19 budget underrun, and any outstanding payment required. Note that LAVWMA's allocation is fixed and calculated first, and then the member agencies share the remainder – hence the total allocations add to 118.6%.

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	San Leandro	OLSD	CVSan	Hayward	USD	LAVWMA
Capacity Allocation	13.2%	26.5%	14.3%	20.7%	25.4%	18.6%
Liability	\$ 122,016	\$ 245,126	\$ 132,412	\$ 191,504	\$ 234,730	\$ 211,544
FY 18-19 Credit	\$ (102,503)	\$ (196,881)	\$ (89,165)	\$ (241,152)	\$ (244,685)	\$ (75,835)
Lump Sum	\$ 19,512	\$ 48,245	\$ 43,247	\$ (49,648)	\$ (9,955)	\$ 135,708

If approved, staff proposes to include a line item on the agencies' January quarterly invoices for any outstanding balance or credit. Staff will subsequently make the lump sum payments to the CERBT and Pension Funds in Q3 of FY 19/20.

Based on Committee direction, staff proposes to seek an initial withdrawal from the Authority's CERBT at the end of FY 19/20 to reimburse the Authority for OPEB payments made during the year. With continued Committee concurrence, this will be an annual process.

In addition, on an annual basis as part of the budget process, staff will recommend lump sum payments to the CERBT and Pension Funds if needed to maintain the target funding levels.

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EAST BAY DISCHARGERS COMMISSION

EAST BAY DISCHARGERS AUTHORITY
ALAMEDA COUNTY, CALIFORNIA

RESOLUTION NO. 19-45

INTRODUCED BY _____

**RESOLUTION AUTHORIZING THE GENERAL MANAGER TO MAKE LUMP SUM
PAYMENTS TO THE AUTHORITY'S OPEB AND PENSION ACCOUNTS, TO APPLY
FY2018-19 CREDITS TO EACH AGENCY'S SHARE OF THOSE LUMP SUM
PAYMENTS, AND TO INVOICE THE AGENCIES FOR ANY OUTSTANDING
PORTION OF THEIR LUMP SUM ALLOCATION**

WHEREAS, per its approved Compensation Plan, the East Bay Dischargers Authority (Authority) provides pensions and other post-employment benefits (OPEB) to its retirees; and

WHEREAS, the Commission adopted Policy 1.2 – OPEB Funding and Policy 1.6 – Pension Funding Policy, which set target funding ratios for these retirement obligations at 80% and 95%, respectively; and

WHEREAS, the Commission desires to make lump sum payments to the Authority's Pension Fund and California Employers' Retirement Benefits Trust (CERBT) for OPEB to meet these target funding levels; and

WHEREAS, the Commission has directed that each Member Agency's allocation of the lump sum shall be consistent with the fixed cost allocation under the Third Amended Joint Powers Agreement; and

WHEREAS, because the Authority underspent its approved budget in FY18/19, each Member Agency is owed a credit, which they have elected to apply to this lump sum.

NOW, THEREFORE, BE IT RESOLVED, that the Commission hereby authorizes the General Manager to make lump sum payments to the Authority's Pension Fund in the amount of \$645,000 and CERBT in the amount of \$492,331; and

BE IT FURTHER RESOLVED, that the General Manager is authorized to apply FY18/19 budget credits to each Member Agency's share of the lump sum and to invoice each Member Agency for any outstanding amount.

SAN LORENZO, CALIFORNIA, DECEMBER 19, 2019, ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

**CHAIR
EAST BAY DISCHARGERS COMMISSION**

ATTEST: _____
**GENERAL MANAGER
EAST BAY DISCHARGERS AUTHORITY
EX OFFICIO SECRETARY**

Livermore-Amador Valley Water Management Agency

RESOLUTION NO. 20-02 APPROVING A LUMP SUM PAYMENT IN THE AMOUNT OF \$135,708 FOR LAVWMA'S SHARE OF EBDA'S OTHER POST-RETIREMENT BENEFITS AND PENSION ACCOUNTS.

WHEREAS, the Livermore-Amador Valley Water Management Agency ("LAVWMA") is a joint powers agency comprised of the cities of Livermore and Pleasanton and the Dublin San Ramon Services District;

WHEREAS, LAVWMA discharges treated effluent through the East Bay Dischargers Authority's forcemain and outfall system, and is therefore subject to its share of operating and administrative costs through the EBDA LAVWMA Master Agreement dated April 26, 2007;

WHEREAS, EBDA has adopted policies setting targets to fund Other Post-Retirement Benefits (OPEB) at 80% and CalPERS retirement at 95%;

WHEREAS, LAVWMA's share of costs to meet EBDA's goals is \$211,544 less a credit of \$75,835 from FY2018/19 resulting in a total of \$135,708;

WHEREAS, LAVWMA desires to make a lump sum payment of \$135,708 to meet its obligations for EBDA's OPEB and CalPERS retirement pursuant to the Master Agreement;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of LAVWMA hereby authorizes the General Manager and Treasurer to take all actions as may be reasonably necessary to make a lump sum payment of \$135,708 to EBDA to fund LAVWMA's share of EBDA's OPEB and CalPERS retirement accounts.

DULY AND REGULARLY ADOPTED by LAVWMA's Board of Directors this 19th day of February 2020 by the following vote:

AYES:

NOES:

ABSENT:

Jerry Pentin, Chair

ATTEST: _____
Charles V. Weir, General Manager

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ITEM NO. 12 RESOLUTION DESIGNATING AUTHORIZED REPRESENTATIVES FOR FEMA AND CALIFORNIA OES DISASTER ASSISTANCE

Action Requested

Approve Resolution No. 20-03 Resolution Designating Authorized Representatives for FEMA and California OES Disaster Assistance.

Summary

The General Manager and DSRSD Operations Manager attended a workshop sponsored by EBDA on the required processes for obtaining funding from either the Federal Emergency Management Agency (FEMA) or the California Office of Emergency Services (OES). Funding would be to offset costs associated with responding to a disaster such as an earthquake or wildfire. The workshop included a binder that included a PowerPoint presentation providing guidance and copies of applicable forms. The binder is now part of LAVWMA's files. Electronic copies of all items were also received and have been provided to all members of the Staff Advisory Group.

FEMA administers federal disaster assistance programs, and Cal OES administers state disaster assistance programs. All applicants for federal and/or state aid must submit paperwork related to disaster assistance to Cal OES. One of Cal OES's requirements is designation of the applicant's authorized agent. This designation is done by resolution of the governing body and can be done on a disaster-specific basis, or as a universal resolution for future disasters. Since the Board only meets quarterly, Staff is recommending that the Board adopt a universal resolution so that LAVWMA has it in place any time a disaster should occur. The resolution must be renewed every three years.

Staff is requesting that the Board designate the following positions as authorized representatives: General Manager, DSRSD Operations Manager, and General Counsel. Having these three positions designated should ensure that at least one person is available to deal with any disaster. It is recommended that titles are used rather than names to avoid any need to resubmit if personnel changes were to occur. A copy of the Cal OES Designation Form is attached for the Board's information.

In the coming months Staff will also be reviewing the need for additional actions to make response following a disaster as efficient as possible. This could include the following:

1. List of prequalified contractors and consultants to make contracting as smooth as possible.
2. Provide a USB key drive to all designated persons containing applicable documents such as forms, resolutions, and agreements.

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3. Engage the services of a contractor with expertise in dealing with FEMA and Cal OES to assist with completing forms, documentation, and other paperwork.

Recommendation

Approve Resolution No. 20-03 Resolution Designating Authorized Representatives for FEMA and California OES Disaster Assistance.

Attachment

Resolution No. 20-03.

**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."

Livermore-Amador Valley Water Management Agency

**RESOLUTION NO. 20-03 DESIGNATING AUTHORIZED REPRESENTATIVES FOR
FEMA AND CALIFORNIA OES DISASTER ASSISTANCE**

WHEREAS, the Livermore-Amador Valley Water Management Agency (“LAVWMA”) is a joint powers agency comprised of the cities of Livermore and Pleasanton and the Dublin San Ramon Services District;

WHEREAS, the LAVWMA Board of Directors intends to designate authorized representatives for Federal Emergency Management Agency and Governor’s Office of Emergency Services Disaster Assistance; and

WHEREAS, the Board intends to be prepared to the best of its ability in the event of a disaster; and

WHEREAS, the Governor’s Office of Emergency Services requires the Grantee to certify LAVWMA’s agents by title, by resolution approved by the Board, and by providing a certified copy of the Designation of Applicant’s Agent Resolution (Cal OES Form 130) to the Governor’s Office of Emergency Services.

NOW, THEREFORE BE IT RESOLVED, by the Board of Directors of LAVWMA that the General Manager or DSRSD Operations Manager or General Counsel are hereby authorized to execute for and on behalf of the Livermore-Amador Valley Water Agency, a public entity established under the laws of the State of California, this application and to file it with the Governor’s Office of Emergency Services for the purpose of obtaining certain federal 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;

BE IT FURTHER RESOLVED, that LAVWMA, a public entity established under the laws of the State of California, 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.

DULY AND REGULARLY ADOPTED by LAVWMA’s Board of Directors this 19th day of February 2020 by the following vote:

AYES:

NOES:

ABSENT:

Jerry Pentin, Chair

ATTEST: _____
Charles V. Weir, General Manager

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ITEM NO. 13 UPDATE AND RESPONSE TO VARIOUS LEGAL AND LEGISLATIVE ISSUES

Action Requested

None at this time.

Summary

California Association of Sanitation Agencies (CASA) has not updated its bill tracking list since the last Board meeting. February is the month when the legislature introduces bills for this year. It is expected that over two thousand bills will be introduced. CASA will have an updated list for 2020 available for the next meeting in May. CASA continues to track the PFAS issue as described in the General Manager's Report.

The Hertzberg bill, SB332, which would prohibit wastewater discharges to the ocean and bays is inactive at this time. It was returned to the Secretary of the Senate in early February. It is likely to reappear this year.

California Special Districts Association (CSDA) will also review all introduced bills. CSDA has issued a Take Action Brief, February 2020, copy attached. The brief covers issues including impact fees to be charged by the square foot, Brown Act guidance for social media, securitized limited obligation notes, and sexual harassment training. Other bills that CSDA is tracking that may be of interest to the member agencies include the following:

AB 2182 (Rubio, Blanca D) Emergency backup generators: water and wastewater facilities: exemption.

Current Text: Introduced: 2/11/2020 [html](#) [pdf](#)

Introduced: 2/11/2020

Status: 2/11/2020-Read first time. To print.

Location: 2/11/2020-A. PRINT

Summary: Would exempt the operation of an alternative power source, as defined, to provide power to a critical facility, as defined, from any local, regional, or state regulation regarding the operation of that source. The bill would authorize providers of essential public services, in lieu of compliance with applicable legal requirements, to comply with the maintenance and testing procedure set forth in the National Fire Protection Association Standard for Emergency and Standby Power System, NFPA 110, for alternative power sources designated by the providers for the support of critical facilities.

CSDA has not yet taken a position on this bill.

SB 378 (Wiener D) Electrical corporations: deenergization events: procedures: allocation of costs: reports.

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Current Text: Amended: 1/21/2020 [html](#) [pdf](#)

Introduced: 2/20/2019

Status: 1/27/2020-Read third time. Passed. (Ayes 25. Noes 2.) Ordered to the Assembly. In Assembly. Read first time. Held at Desk.

Location: 1/27/2020-A. DESK

Summary: Would require each electrical corporation to annually submit a report to the Wildfire Safety Division and, after June 30, 2021, to the Office of Energy Infrastructure Safety, that includes the age, useful life, and condition of the electrical corporation's equipment, inspection dates, and maintenance records for its equipment, investments to maintain and improve the operation of its transmission and distribution facilities, and an assessment of the current and future fire and safety risk posed by the equipment.

CSDA has not yet taken a position on this bill.

AB 510 (Cooley D) Local government records: destruction of records.

Current Text: Introduced: 2/13/2019 [html](#) [pdf](#)

Introduced: 2/13/2019

Status: 2/3/2020-From committee: Filed with the Chief Clerk pursuant to Joint Rule 56.

Location: 1/24/2020-A. DEAD

Summary: Current law authorizes the head of a department of a county or city, or the head of a special district to destroy recordings of telephone and radio communications maintained by that county, city, or special district after 100 days if that person receives approval from the legislative body and the written consent of the agency attorney. This bill would exempt the head of a department of a county or city, or the head of a special district from these recording retention requirements if the county, city, or special district adopts a records retention policy governing recordings of routine video monitoring and recordings of telephone and radio communications.

CSDA is sponsoring this bill. The bill died in committee.

AB 654 (Rubio, Blanca D) Public records: utility customers: disclosure of personal information.

Current Text: Introduced: 2/15/2019 [html](#) [pdf](#)

Introduced: 2/15/2019

Status: 2/3/2020-From committee: Filed with the Chief Clerk pursuant to Joint Rule 56.

Location: 1/17/2020-A. DEAD

Summary: Would authorize a local agency to disclose the name, utility usage data, and home address of utility customers to an officer or employee of another governmental agency when the disclosure is not necessary for the performance of the other governmental agency's official duties but is to be used for scientific, educational, or research purposes, and the requesting agency receiving the disclosed material agrees to maintain it as confidential in accordance with specified criteria.

CSDA is sponsoring this bill. The bill died in committee.

AB 1184 (Gloria D) Public records: writing transmitted by electronic mail: retention.

Current Text: Vetoed: 10/13/2019 [html](#) [pdf](#)

Introduced: 2/21/2019

Status: 1/21/2020-Consideration of Governor's veto stricken from file.

Location: 10/13/2019-A. VETOED

Summary: Would, unless a longer retention period is required by statute or regulation, or established by the Secretary of State pursuant to the State Records Management Act, require a public agency, for purposes of the California Public Records Act, to retain and preserve for at least 2 years every public record, as defined, that is transmitted by electronic mail. CSDA opposed this bill. It was vetoed by the Governor.

AB 1819 (Committee on Judiciary) Inspection of public records: use of requester's reproduction equipment.

Current Text: Chaptered: 10/9/2019 [html](#) [pdf](#)

Introduced: 3/6/2019

Status: 10/9/2019-Approved by the Governor. Chaptered by Secretary of State - Chapter 695, Statutes of 2019.

Location: 10/9/2019-A. CHAPTERED

Summary: The California Public Records Act requires state and local agencies to make public records available upon receipt of a request for a copy that reasonably describes an identifiable record not otherwise exempt from disclosure, and upon payment of fees to cover costs. This bill would grant a requester who inspects a disclosable record on the premises of the agency the right to use the requester's equipment on those premises, without being charged any fees or costs, to photograph or otherwise copy or reproduce the record in a manner that does not require the equipment to make physical contact with the record, unless the means of copy or reproduction would result in damage to the record, or unauthorized access to a computer system of the agency or secured network, as specified.

CSDA did not take a position on this bill. It was approved by the Legislature and signed by the Governor.

AB 2093 (Gloria D) Public records: writing transmitted by electronic mail: retention.

Current Text: Introduced: 2/5/2020 [html](#) [pdf](#)

Introduced: 2/5/2020

Status: 2/6/2020-From printer. May be heard in committee March 7.

Location: 2/5/2020-A. PRINT

Summary: Would, unless a longer retention period is required by statute or regulation, or established by the Secretary of State pursuant to the State Records Management Act, require a public agency, for purposes of the California Public Records Act, to retain and preserve for at least 2 years every public record, as defined, that is transmitted by electronic mail.

CSDA has not taken a position on this bill. It is similar to AB1184 that was vetoed.

AB 60 (Friedman D) Water conservation: water meters: accuracy standards.

Current Text: Amended: 2/25/2019 [html](#) [pdf](#)

Introduced: 12/3/2018

Status: 2/3/2020-From committee: Filed with the Chief Clerk pursuant to Joint Rule 56.

Location: 1/24/2020-A. DEAD

Summary: Would require the State Energy Resources Conservation and Development Commission, on or before January 1, 2022, to adopt regulations setting standards for the accuracy of water meters, as specified. The bill would prohibit any water meter manufactured on or after the effective date of those regulations from being sold or offered for sale in the state, or installed by a water purveyor, unless it is certified by the manufacturer to be in compliance with those standards. CSDA had a watch position on this bill. It died in committee last month.

AB 223 (Stone, Mark D) California Safe Drinking Water Act: microplastics.

Current Text: Introduced: 1/16/2019 [html](#) [pdf](#)

Introduced: 1/16/2019

Status: 2/3/2020-From committee: Filed with the Chief Clerk pursuant to Joint Rule 56.

Location: 1/17/2020-A. DEAD

Summary: The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Current law requires the state board, on or before July 1, 2020, to adopt a definition of microplastics in drinking water and, on or before July 1, 2021, to adopt a standard methodology to be used in the testing of drinking water for microplastics and requirements for 4 years of testing and reporting of microplastics in drinking water, including public disclosure of those results. This bill would require the state board, to the extent possible, and where feasible and cost effective, to work with the State Department of Public Health in complying with those requirements. CSDA had a watch position on this bill. It died in committee last month.

AB 231 (Mathis R) California Environmental Quality Act: exemption: recycled water.

Current Text: Introduced: 1/17/2019 [html](#) [pdf](#)

Introduced: 1/17/2019

Status: 1/17/2020-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 2/7/2019)

Location: 1/17/2020-A. DEAD

Summary: Would exempt from CEQA a project to construct or expand a recycled water pipeline for the purpose of mitigating drought conditions for which a state of emergency was proclaimed by the Governor if the project meets specified criteria. Because a lead agency would be required to determine if a project qualifies for this exemption, this bill would impose a state-mandated local

program. The bill would also exempt from CEQA the development and approval of building standards by state agencies for recycled water systems. CSDA supported this bill. It died in committee last month.

AB 292 (Quirk D) Recycled water: raw water and groundwater augmentation.

Current Text: Amended: 6/20/2019 [html](#) [pdf](#)

Introduced: 1/28/2019

Status: 9/15/2019-Failed Deadline pursuant to Rule 61(a)(15). (Last location was INACTIVE FILE on 8/30/2019) (May be acted upon Jan 2020)

Location: 9/15/2019-S. 2 YEAR

Summary: Current law requires the State Water Resources Control Board, on or before December 31, 2023, to adopt uniform water recycling criteria for direct potable reuse through raw water augmentation, as specified. Current law defines “direct potable reuse” and “indirect potable reuse for groundwater recharge” for these purposes. This bill would eliminate the definition of “direct potable reuse” and instead would substitute the term “groundwater augmentation” for “indirect potable reuse for groundwater recharge” in these definitions. The bill would revise the definition of “treated drinking water augmentation.”

CSDA supported this bill. It is now in the inactive file but could be reintroduced this year.

AB 756 (Garcia, Cristina D) Public water systems: perfluoroalkyl substances and polyfluoroalkyl substances.

Current Text: Chaptered: 7/31/2019 [html](#) [pdf](#)

Introduced: 2/19/2019

Status: 7/31/2019-Approved by the Governor. Chaptered by Secretary of State - Chapter 162, Statutes of 2019.

Location: 7/31/2019-A. CHAPTERED

Summary: Would authorize the State Water Resources Control Board to order a public water system to monitor for perfluoroalkyl substances and polyfluoroalkyl substances. The bill would require a community water system or a nontransient noncommunity water system, upon a detection of these substances, to report that detection, as specified. The bill would require a community water system or a nontransient noncommunity water system where a detected level of these substances exceeds the response level to take a water source where the detected levels exceed the response level out of use or provide a prescribed public notification.

CSDA had a watch position on this bill. It was approved by the Legislature and signed by the Governor. Additional information is included in the General Manager’s Report.

AB 841 (Ting D) Drinking water: contaminants: perfluoroalkyl and polyfluoroalkyl substances.

Current Text: Amended: 3/20/2019 [html](#) [pdf](#)

Introduced: 2/20/2019

Status: 7/10/2019-Failed Deadline pursuant to Rule 61(a)(10). (Last location was E.Q. on 5/29/2019) (May be acted upon Jan 2020)

Location: 7/10/2019-S. 2 YEAR

Summary: Would require the Office of Environmental Health Hazard Assessment (OEHHA) to adopt and complete a work plan within prescribed timeframes to assess which substances in the class of perfluoroalkyl and polyfluoroalkyl substances should be identified as a potential risk to human health, as provided. The bill would require the office, as part of those assessments, to determine which of the substances are appropriate candidates for notification levels to be adopted by the state board. The bill would require the Office of Environmental Health Hazard Assessment, by January 1, 2022, to provide to the Legislature an update on the assessment.

CSDA has a watch position on this bill. The committee postponed the hearing on this bill but may bring it up again in 2020. It is similar to AB756 but relates to OEHHA instead of the State Water Board.

AB 1180 (Friedman D) Water: recycled water.

Current Text: Chaptered: 10/2/2019 [html](#) [pdf](#)

Introduced: 2/21/2019

Status: 10/2/2019-Approved by the Governor. Chaptered by Secretary of State - Chapter 455, Statutes of 2019.

Location: 10/2/2019-A. CHAPTERED

Summary: The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Current law requires, on or before January 1, 2020, the state board to adopt standards for backflow protection and cross-connection control through the adoption of a policy handbook, as specified. This bill would require that handbook to include provisions for the use of a swivel or changeover device to supply potable water to a dual-plumbed system during an interruption in recycled water service.

CSDA supported this bill. It was approved by the Legislature and signed by the Governor. The status of the handbook is not known at this time. American Water Works Association has numerous guidance documents on backflow prevention and cross-connection control.

AB 1414(Friedman D) Urban retail water suppliers: reporting.

Current Text: Chaptered: 9/5/2019 [html](#) [pdf](#)

Introduced: 2/22/2019

Status: 9/5/2019-Approved by the Governor. Chaptered by Secretary of State - Chapter 239, Statutes of 2019.

Location: 9/5/2019-A. CHAPTERED

Summary: Would require each urban retail water supplier to submit a completed and validated water loss audit report as prescribed by the Department of Water Resources on or before October 1 of each year until October 1, 2023, if reporting on a calendar year basis and on or before January 1

of each year until January 1, 2024, if reporting on a fiscal year basis. The bill would require on or before January 1, 2024, and on or before January 1 of each year thereafter, each urban retail water supplier to submit a completed and validated water loss audit report for the previous calendar year or previous fiscal year as part of an existing report relating to its urban water use.

CSDA had a watch position on this bill. It was approved by the Legislature and signed by the Governor.

AB 1588 (Gloria D) Drinking water and wastewater operator certification programs.

Current Text: Chaptered: 10/11/2019 [html](#) [pdf](#)

Introduced: 2/22/2019

Status: 10/11/2019-Approved by the Governor. Chaptered by Secretary of State - Chapter 760, Statutes of 2019.

Location: 10/11/2019-A. CHAPTERED

Summary: Current law requires the State Water Resources Control Board to issue a water treatment operator certificate and water distribution operator certificate by reciprocity to any person holding a valid, unexpired, comparable certification issued by another state, the United States, prescribed territories or tribal governments, or a unit of any of these. Current law requires the board to classify types of wastewater treatment plants for the purpose of determining the levels of competence necessary to operate them. This bill would require the board to evaluate opportunities to issue a water treatment operator certificate or water distribution operator certificate by reciprocity, or a wastewater certificate by examination waiver, to persons who performed duties comparable to those duties while serving in the United States military, as specified.

CSDA supported this bill. It was approved by the Legislature and signed by the Governor.

AB 2060 (Holden D) Drinking water: pipes and fittings: lead content.

Current Text: Introduced: 2/4/2020 [html](#) [pdf](#)

Introduced: 2/4/2020

Status: 2/5/2020-From printer. May be heard in committee March 6.

Location: 2/4/2020-A. PRINT

Summary: Would define “lead free,” for purposes of manufacturing, industrial processing, or conveying or dispensing water for human consumption, to mean not more than one microgram of lead under certain tests and meeting a specified certification when used with respect to end-use devices.

SB 166 (Wiener D) Process water treatment systems: breweries.

Current Text: Amended: 7/5/2019 [html](#) [pdf](#)

Introduced: 1/28/2019

Status: 8/30/2019-Failed Deadline pursuant to Rule 61(a)(12). (Last location was APPR. SUSPENSE FILE on 8/21/2019) (May be acted upon Jan 2020)

Location: 8/30/2019-A. 2 YEAR

Summary: Current law requires, on or before December 1, 2022, the State Water Resources Control Board, in consultation with specified state agencies, to adopt regulations for risk-based water quality standards for the onsite treatment and reuse of nonpotable water, as provided. Current law requires that a local jurisdiction establish a program for onsite treated nonpotable water systems before any such systems are installed. This bill would require the state board, on or before December 1, 2025, in consultation with the State Department of Public Health, Food and Drug Branch, to adopt regulations for microbiological, chemical, and physical water quality and treatment requirements for voluntary onsite treatment and reuse of process water in breweries, as specified. CSDA has a watch position on this bill. The bill is currently being held in committee and may be acted upon this year.

SB 200 (Monning D) Drinking water.

Current Text: Chaptered: 7/24/2019 [html](#) [pdf](#)

Introduced: 1/31/2019

Status: 7/24/2019-Approved by the Governor. Chaptered by Secretary of State. Chapter 120, Statutes of 2019.

Location: 7/24/2019-S. CHAPTERED

Summary: Would establish the Safe and Affordable Drinking Water Fund in the State Treasury to help water systems provide an adequate and affordable supply of safe drinking water in both the near and the long terms. The bill would authorize the State Water Resources Control Board to provide for the deposit into the fund of certain moneys and would continuously appropriate the moneys in the fund to the state board for grants, loans, contracts, or services to assist eligible recipients.

CSDA had a watch position on this bill. It was approved by the Legislature and signed by the Governor.

Recommendation

There is no recommendation at this time.

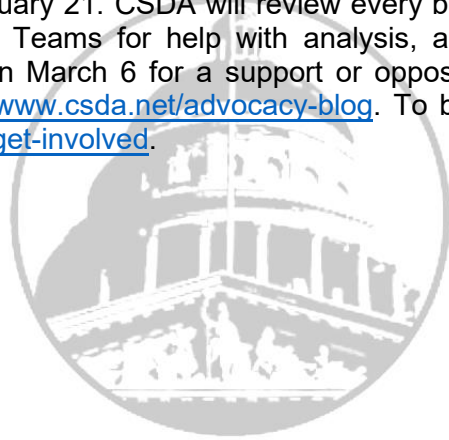


CALIFORNIA SPECIAL DISTRICTS ASSOCIATION PRIORITIES

TAKE ACTION BRIEF

February 2020

Over the course of this month, state legislators will introduce around two thousand bills. All new legislation for 2020 must be introduced by February 21. CSDA will review every bill introduced, sending some of them to one of our six Expert Feedback Teams for help with analysis, and bringing dozens before the CSDA Legislative Committee meeting on March 6 for a support or oppose position. To get all the latest news, subscribe to Advocacy News at www.csda.net/advocacy-blog. To be part of one of our Expert Feedback Teams, sign up at www.csda.net/get-involved.



Inside this edition of the Take Action Brief:

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All Employees Must Receive Sexual Harassment Prevention Training in 2020.....	5

Contact a local CSDA representative near you!

Dane Wadlé	Sierra Network	danew@csda.net
Colleen Haley	Bay Area Network	colleenh@csda.net
Cole Karr	Central Network	colek@csda.net
Chris Palmer	Southern Network	chrisp@csda.net
Chris Norden	Northern Network	chrisn@csda.net



CALIFORNIA SPECIAL DISTRICTS ASSOCIATION PRIORITIES

TAKE ACTION BRIEF

➤ REVENUE, FINANCES, AND TAXATION

CSDA's long range policy priority on revenue, finances, and taxation is to ensure adequate funding for special districts' safe and reliable core local service delivery. Protect special districts' resources from the shift or diversion of revenues without the consent of the affected districts. Promote the financial independence of special districts and afford them access to revenue opportunities equal to that of other types of local agencies.

New Bill Requires Impact Fees to be Charged by Square Footage

The first measure to be introduced as a result of the Turner Center's August 2019 study on development impact fees is AB 1924 by Assemblymember Timothy Grayson. **This legislation adds a new subsection to the Fee mitigation act stating that "...a fee levied or imposed on a housing development project by a local agency shall be proportionate to the square footage of the proposed unit or units..."**

Last Fall, Assemblymember Grayson hosted a multi-city tour of roundtable discussions with local officials to discuss development impact fees and how they affect housing development. CSDA arranged for members to participate in the discussions and ensure the voice of special districts were heard. CSDA staff attended each event along with a diverse group of special district representatives. Also, in attendance were representatives of market-rate housing developers, cities, counties, not-for-profit housing advocates, legislators and legislative staff.

Development impact fees are charges to developers by local agencies to provide necessary funding to meet the growing demands for services and infrastructure. California's housing crisis has put a spotlight on these fees as the State Legislature explores ways to incentivize more development. CSDA opposed efforts in the Legislature to curb or eliminate fees that meet the demands of new development and fund the infrastructure to adequately serve the residents of new housing.

Assemblymember Grayson has authored a series of bills concerning development impact fees:

- AB 879, enacted in 2017, required the California Department of Housing and Community Development to study how local fees affect housing development. Completed in August 2019, this study was conducted by the University of California's Turner Center for Housing Innovation.
- AB 1483, enacted in 2019, deals with fee transparency
- AB 1484, introduced in 2019, would amend impact fee processes and can still be heard in 2020.

Does your district utilize the Fee Mitigation Act for development impact fees?

CSDA wants to know whether the new development impact fee restrictions imposed by AB 1924 would affect your district. Please contact Legislative Representative Anthony Tannehill at anthonyt@csda.net with your feedback.



CALIFORNIA SPECIAL DISTRICTS ASSOCIATION PRIORITIES

TAKE ACTION BRIEF

➤ GOVERNANCE AND ACCOUNTABILITY

CSDA's long range policy priority on governance and accountability is to enhance special districts' ability to govern as independent, local government bodies in an open and accessible manner. Encourage best practices that avoid burdensome, costly, redundant, or one-size-fits all approaches. Protect meaningful public participation in local agency formations, dissolutions, and reorganizations, and ensure local services meet the unique needs, priorities, and preference of each community

Brown Act Update for Social Media Passes First Legislative Hurdles

At the end of January, [AB 992 \(Mullin\)](#), which would modernize the Ralph M. Brown Act, passed the full California State Assembly and is now in the Senate. **AB 992 provides clarity and guidance to local elected officials about how they may engage with their communities on social media.**

The Brown Act was adopted in 1953, before today's technological advances could have been contemplated. The proliferation of social media has made it easier to connect with the public, solicit feedback from constituents, and promote idea sharing within our communities. Because of these benefits, social media has become the modern "community meeting."

Special districts support civic engagement, however, under current law, it is possible that civic engagement on social media is being hampered by a fear of unintentionally violating the law. Moving forward with this legislation is a necessary step to modernizing the Brown Act. A clear rule in this area will allow a more transparent discussion between local agency officials and their constituents about issues facing local agencies.

AB 992 recognizes this reality and creates clear guidance for local elected officials by setting the same standard as is currently in place under the community meetings exception to the Brown Act. The community meetings exception to the Brown Act allows a majority of the members of a local agency body to attend an open and public meeting held by another organization, such as a neighborhood association meeting, local candidates night, or a service club meeting to address a topic of local community concern. The exception does not permit a majority to discuss among themselves business of a specific nature that is within the legislative body's subject matter jurisdiction. Thus, the community meeting exception strikes an appropriate balance between encouraging the type of robust civic engagement that is necessary for a healthy democracy and ensuring that local agencies conduct the people's business openly and publicly.

AB 992 passed the Assembly on a 48 to 13 vote and will be heard next in a Senate policy committee. CSDA will continue to support the bill as it moves through the legislative process and will keep our members informed on its progress.



CALIFORNIA SPECIAL DISTRICTS ASSOCIATION PRIORITIES

TAKE ACTION BRIEF

➤ INFRASTRUCTURE, INNOVATION, AND INVESTMENT

CSDA's long range policy principal regarding infrastructure, innovation, and investment is to encourage prudent planning for investment and maintenance of innovative long-term infrastructure. CSDA supports the development of fiscal tools and incentives to assist special districts in their efforts to meet California's changing demands, ensuring the efficient and effective delivery of core local services.

CSDA Sponsors Bill to Reinstate Securitized Limited Obligation Notes

Securitized Limited Obligation Notes (SLONs) are a financial tool created in statute for special districts in 2004, (Government Code section [53835-53839](#)) expired on December 31, 2019. CSDA has sponsored [AB 2107 \(Rodriguez and Gray\)](#) to reinstate this short-term financing tool.

The SLONs interest rate is limited by statute and cannot exceed two million dollars, with a term not to exceed 10 years. SLONs may be securitized by any available revenues and do not require two-thirds vote of the electorate.

While some lenders may view special districts' promissory notes or other instruments as risky, SLONs are backed by a pledge of existing revenues with terms of 10 years or less, providing more certainty for lenders.

This type of loan may be useful to those special districts funding relatively small projects of less than \$2 million, and those districts who do not have suitable real property for a lease agreement as security for loan. Additionally, some might find SLONs to be more practical than long-term bonds (with terms of 20-30 years and the associated interest payments) for small projects.

SLONS could be issued only after a special district adopts, by a four-fifths vote, a resolution that contains several key features. Some of those features include:

- The purposes of incurring the indebtedness, and that the indebtedness shall be used solely for those purposes.
- The estimated amount of the indebtedness.
- The maximum number of notes to be issued, and the source of revenue or revenues to be used to secure the limited obligation notes.
- The maturity date of the securitized limited obligation notes.

Would your district benefit from reinstatement of this short-term financing tool?

Special districts and other stakeholders are invited to join our coalition supporting AB 2107. Please visit www.csdanet/take-action to download a sample support letter or contact Legislative Representative Anthony Tannehill at anthonyt@csda.net with any questions.



CALIFORNIA SPECIAL DISTRICTS ASSOCIATION PRIORITIES

TAKE ACTION BRIEF

➤ HUMAN RESOURCES AND PERSONNEL

CSDA's long range policy priority on human resources and personnel is to promote policies related to hiring, management, and benefits and retirement that afford flexibility, contain costs, and enhance the ability to recruit and retain highly qualified, career-minded employees to public service. As public agency employers, support policies that foster productive relationships between management and employees, both represented and non-represented.

All Employees Must Receive Sexual Harassment Prevention Training in 2020

A couple of new laws SB 778 (Senate Labor Committee, 2019), and SB 1343 (Mitchell, 2018) now require all employers with five or more employees to provide sexual harassment prevention training by January 1, 2021 to all full-time, part-time, seasonal, and temporary employees. Full-time employees must receive training within six months of being hired, while part-time, seasonal, and temporary employees are required to receive the training within 30 days of hire or the first 100 hours worked, whichever is first.

Specifically, all employees will need to receive at least one-hour of training every two years, with supervisory employees receiving two-hours of training every two years. While employers can provide their own trainings, there are a number of training options available to employers, including special districts.

CSDA will be hosting training webinars throughout the year. Visit www.csda.net for details. A number of public agency law firms are also offering trainings, and the Department of Fair Employment and Housing (DFEH) is planning on making webinars available to all employers in early 2020, though the release of the planned DFEH webinars has been delayed on several occasions already.



CALIFORNIA SPECIAL DISTRICTS ASSOCIATION PRIORITIES

TAKE ACTION BRIEF

➤ OTHER WAYS TO TAKE ACTION

Learn More

Special District Leadership Academy (SDLA) is Now Open for Registration

Dates have been announced for two 2020 SDLA locations:

1. San Diego – April 19-22
2. Lake Tahoe – September 27-30

Attendees will have the option to choose the first time or returning track. First time attendees will be able to complete all four modules of the Special District Leadership Academy, which includes: Governance Foundations, Setting Direction/Community Leadership, Board's Role in Human Resources, and Board's Role in Finance and Fiscal Accountability.

Returning attendees can check out the advanced track with all new topics. Visit the official SDLA website to read more on the schedules, pricing, and registration at <https://sdla.csda.net/home>

Utilize Resources

New Allpaid Endorsed Affiliate for Credit Card Payment Processing

CSDA members now have access to members-only pricing on credit card payment processing services through our newest Endorsed Affiliate, AllPaid. Members can choose from two pre-negotiated fee structures to get the most cost-effective pricing for their agency's needs. In addition, AllPaid will provide 24/7/365 customer service, payment protection, on-demand reporting, and much more. Contact CSDA's member services team to learn more about this exclusive member benefit.

Join Today

Join an Expert Feedback Teams to provide CSDA staff with invaluable insights on policy issues. Email romaw@csda.net to inquire about joining one of the following teams:

- Budget, Finance and Taxation
- Environment
- Formation and Reorganization
- Human Resources and Personnel
- Governance
- Public Works and Contracting

Stay Informed

In addition to the many ways you can **TAKE ACTION** with CSDA's advocacy efforts, CSDA offers a variety of tools to keep you up-to-date. Make sure you're reading these resources:

- CSDA's weekly e-Newsletter
- Advocacy News Blog
- CSDA's CA Special District Magazine

Email updates@csda.net for help accessing these member resources.

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ITEM NO. 14 WEBSITE UPGRADE STATUS REPORT AND APPROVAL OF NEW LOGO

Action Requested

Approve a new LAVWMA logo as recommended by the Staff Advisory Group

Summary

LAVWMA has engaged the services of Computer Courage to develop a revised website. A purchase order in the amount of \$18,750 has been issued to them. The cost includes a base cost of \$12,150, and optional costs of \$6,600. The General Manager, General Counsel, and Administrative Assistant have all been working on this project. The first step was to take a survey to determine our expectations. We then met with Computer Courage staff to develop an outline of the home page.

Computer Courage is also redesigning the EBDA website, and we were able to look at how that was progressing. LAVWMA's will be similar in terms of the menu system. A rough layout of how LAVWMA's may look is attached. It is shown in table form and will look much different when incorporated into a web design.

Another issue is LAVWMA's domain name, www.lavwma.com. Com is a commercial designation. www.lavwma.org and www.lavwma.gov were both available. Lavwma.org has been purchased at a cost of \$99 for three years. Lavwma.gov costs \$400 per year and has not yet been purchased pending an evaluation of the cost benefit. It is likely that the domain name will be switched to www.lavwma.org.

Concurrently, staff has been looking at developing a new logo. The old one is very dated. It is shown immediately below:



The heading on LAVWMA's letterhead is also shown immediately below:

LAVWMA

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 Water Management Agency

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Both designs are very dated and should be redesigned. General Counsel and her husband have graciously offered a couple of possible new logos at no cost to LAVWMA. Three possible new logos are shown below. The second two are missing a letter, but the concept is there. The Staff Advisory Group looked at the logo at its meeting on February 10, 2020 and thought the first one was great.



The concept behind the imagery in the logo was to illustrate both the pumping of water from the valley over the hills and the recovery of the water to be used again. Thus, the blue and green colors in an abstract infinity shape.

Another concurrent effort is the selection of pictures for the new website. It is preferred to use actual photos of LAVWMA facilities as the main background, but that has been challenging to find something that is accurate yet not unattractive. Other stock photos can be used in other areas

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of the website. Staff has been attempting to capture an image of the pump station at sunset, but thus far the lighting has not completely cooperated. This effort will continue. A couple of possibilities are shown below.



A link to the new website for review purposes should be available in a few weeks. That will be shared with the Board and the member agencies. Comments are encouraged and are welcome.

Recommendation

Provide input to staff on the development of the new website. Approve a new LAVWMA logo as recommended by the Staff Advisory Group.

Attachments

Rough layout of website menu structure.



Livermore-Amador Valley Water Management Agency

LAVWMA partners with its member agencies to recover water resources in the Livermore-Amador Valley. We help transform the way water is used and disposed of to enhance the environment and meet our residents' changing needs.

Board Meeting Agenda (NOTE LOCATION FOR THIS MEETING)

Regular Meeting - November 20, 2019

MENU Draft (This would be a dropdown menu)

ABOUT US	MEETINGS	DOCUMENTS	PROJECTS	RESOURCES
What We Do LAVWMA is a JPA LAVWMA's Mission	Board Meeting Schedule	Governance JPA EBDA Agreement Ordinances	Requests for Proposals MCC Replacement Risk Analysis and Pipeline Assessment Include these reports upon completion	Transparency State Controllers Reports Records Management Policy
History	Meeting Agendas	Finance Current Financial Audit Past Audits Current Budget including the Capital Improvement Plan		Useful Links and Affiliations BACWA EBDA CASA RWQCB CSDA

				SDRMA CWEA WEF
Board and Staff List of Directors List of Staff	Meeting Minutes	Environmental Wet weather operations plan LAVWMA NPDES Permit DSRSD NPDES Permit Livermore NPDES Permit EBDA NPDES Permit		
Member Agencies (links) City of Livermore City of Pleasanton DSRSD	Maps and Directions to meeting to facilities	Quarterly Reports of Operations		
Facilities LAVWMA System Service Areas EBDA System Info		SB272 Enterprise System Compliance		
Contact Info				

ITEM NO. 15 GENERAL MANAGER'S REPORT

Action Requested

None at this time. This is an information item only.

Summary

The General Manager's (GM) tenure began on April 17, 2014. A two year extension was approved on April 20, 2016, and a three year extension was approved on February 21, 2018. The agreement requires a report on hours worked during the fiscal year at each Board meeting. There is a limitation of 1,000 hours per fiscal year. For the fiscal year ending June 30, 2019 the General Manager billed LAVWMA 467.50 hours. For the fiscal year ending June 30, 2020 the General Manager has billed LAVWMA approximately 350 hours.

In addition to the brief descriptions below, there are several items of interest for the Board's review:

- 1. Asset Management.** DSRSD staff continues to refine the equipment listing, particularly the useful lives and replacement costs which are key to ensuring the fund balance is adequate for the projects that are scheduled. The list was helpful in identifying projects for the capital projects listed in the budget that was approved in May 2019. Permanent labels are now being applied to each piece of equipment. The style will match DSRSD's labels.
- 2. Records Management Project.** This project is temporarily on hold pending the restoration of the DSRSD main office. The current original cost estimate for the project was \$22,461. The revised cost estimate is for \$25,036. Fortunately, there was no water damage to LAVWMA's records during the flooding of the building as the records were either above the water line or in a building that was not flooded.
- 3. EBDA Issues.**
 EBDA's new Joint Powers Agreement (JPA) was approved by all five member agencies before the end of December 2019. The new JPA takes effect on July 1, 2020. The prior JPA was extended through June 30, 2020. Over the last few months the SAG has been tracking EBDA issues and possible costs for a new master agreement. Pros and cons of various approaches have been discussed. Costs are based on a variety of items, primarily flow (variable rate of 17.7% flow; 4.1% Dechlor) and capacity rights (fixed rate 18.6% effective 1/1/20). Other charges vary depending on the issue, including Regional Monitoring Program (Cu, Cr, Se, Ni; 16.8%), permit fee (based on design flow in permits, 26.6%), nutrient studies fee (Total Nitrogen kg/day, 16.5%). Renewal and Replacement costs based on fixed rate for OLEPS to SLEPS plus MDF and 42% of FM

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costs times the fixed rate; ~7.8%. Under the new EBDA JPA, City of San Leandro will be responsible for all costs of their pump station and the section of the transport system used only by them. Per the current Master Agreement EBDA's design capacity is 189.1 MGD. LAVWMA owns 19.72 MGD Firm Capacity or 10.43% of that capacity. LAVWMA also has 21.48 MGD of interruptible capacity for a total of 41.2 MGD. One of the items that will be included in the Risk Analysis study is an analysis of capacity requirements moving forward.

Most of the cost issues for a new agreement are noncontroversial. The key issue for LAVWMA is the fixed capacity percentage, which will be primarily determined by the capacity needs between now and 2040. EBDA has also expressed a concern about the acceptance of brine from outside the service area, such as from the Central Valley. Although that seems highly unlikely, EBDA desires to approve acceptance of brine from outside the service area to ensure that regulatory issues do not become a problem.

4. **Wet Weather Issues.** There has been below normal precipitation this fiscal year. The annual planning meeting was held October 17, 2019. The Regional Board has given approval to test the Alamo Canal discharge this winter. Staff have been working with Zone 7 to develop a plan for the test that ensures there will be no damage to the channel, known as G-1-1, as the flow makes its way to Alamo Canal. We will need at least a 15:1 dilution to meet permit requirements. USGS has a gage on Alamo Canal and an alert has been set to be notified when the flow is at 3.5 feet, which will provide the 15:1 dilution ratio.
5. **PFAS Update.** In early February 2020, the State Water Resources Control Board's Division of Drinking Water announced the lowering of response levels for two Per- and Polyfluoroalkyl Substances (PFAS). The updated response levels are 10 parts per trillion (ppt) for perfluorooctanoic acid (PFOA) and 40 ppt for perfluorooctane sulfonic acid (PFOS) based on a running four-quarter average. These response levels supersede those adopted in August of 2019. The current notification levels remain unchanged. Consistent with Assembly Bill 756, which took effect earlier this year, a series of reporting and notification requirements apply to detections of PFAS in drinking water, and exceedances of the adopted response level will require water systems to either take a water source out of use, treat the water delivered, or provide public notification. This was an anticipated next step in the process of further regulating PFAS in California's drinking water sources, with the development of a public health goal (PHG) and anticipated action on maximum contaminant levels likely forthcoming. CASA continues to track these developments and is working with agencies and stakeholders to analyze the science underlying these notification and response levels as well as the potential impacts to wastewater agencies. Attached is a letter from CASA to the Department of Toxic Substances Control (DTSC)

supporting its proposal to list treatments containing any member of the class of PFAS for use on carpets and other textiles as a Priority Product. This will help keep PFAS out of wastewater collection systems.

- 6. BayKeeper Lawsuits Regarding Exfiltration.** BayKeeper has filed suit against the cities of San Jose, Sunnyvale, and Mt. View for exfiltration from their collection systems. The claim is that this is causing groundwater and local stream contamination. San Jose attempted to handle this with inhouse attorneys and ended up agreeing to a consent decree that will cost the city \$2 Billion. BayKeeper will receive attorney fees that will be in the millions. It is likely that these lawsuits will move up the Bay over time. At its February 10, 2020 meeting the SAG discussed this issue and noted several steps that could be taken to try to stay ahead of this issue. One includes CSRMA setting up a litigation fund to be able to defend against the BayKeeper. Other thoughts include adding a provision in NPDES permits that requires agencies to conduct studies regarding exfiltration. This could easily be done since collection systems are now listed in each agency's NPDES permit. Another option would be to add some protection in the State Water Board's statewide Sanitary Sewer Overflow Order. These concepts are only in the infancy stage and will require much discussion.

Following is a brief description of major activities since the November 20, 2019 Board meeting:

- Attended LAVWMA O&M meetings with DSRSD, Livermore and Pleasanton staff.
- Prepared and distributed agenda packet for the February Staff Advisory Group meeting and attended the February 10, 2020 SAG meeting.
- Drafted items for February 19, 2020 Board Agenda and prepared packet for distribution.
- Drafted minutes from November 20, 2019 Board meeting and revised based on comments received.
- Made updates to website as needed for files and legal requirements.
- Updated Action Item List.
- Worked with General Counsel, Administrative Assistant, and Computer Courage on the website update. Took pictures of the pump station at sunset.
- Continued to work with General Counsel to track legislation of interest to LAVWMA and the member agencies.
- Worked with DTN Engineers to revise scope for MCC replacement project. Drafted agreement for project and obtained all signatures.
- Worked with member agency staff and staff from HydroScience to revise scope for the risk analysis and forcemain inspection project. Worked with member agency staff to obtain hourly flow data and flow projections through 2040 for HydroScience scope revisions.
- Monitored progress of pump station projects managed by DSRSD staff.

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- Reviewed and approved invoices for payment by DSRSD. Updated accounting system and operating system on remote computer.
- Continued to Discuss Asset Management issues with DSRSD staff. LAVWMA will follow their lead.
- Worked with DSRSD staff on various inquiries regarding projects near the forcemain to ensure there would be no issues of concern with the integrity of the forcemain.
- Email communication with DSRSD staff regarding break in at the San Leandro Sample Station. Authorized adding barbed wire to the fence to discourage homeless from breaking in.
- Kept member agency staff informed regarding plans to participate in the Advanced Quantitative Precipitation Information system with EBDA.
- Continued to monitor and work with DSRSD staff and consultants to review plans for landscaping within the easement at the Stoneridge Corporate Center.
- Attended EBDA Managers Advisory Committee (MAC) meetings. Made notes of same and shared with SAG members.
- Worked with DSRSD staff to develop plans for required priority pollutant monitoring on the effluent and San Leandro Creek.
- Set up meeting with DSRSD staff to develop plans to conduct test on the Alamo Canal discharge. Met with DSRSD staff and Zone 7 staff to inspect canal G-1-1 leading to Alamo Canal and agreed on approach to use during the test.
- Discussed EBDA agreement issues with SAG members on several occasions.
- Prepared and submitted monthly invoices for LAVWMA General Management services.
- Reviewed various financial reports prepared by DSRSD staff. Reviewed and commented on the FYE19 Financial Audit, Engagement Letter, and MOIC.
- Reviewed and commented on 2nd Quarter O&M Report prepared by DSRSD staff.
- Logged into Samsara website at various times to monitor pump station and flows.
- Reviewed and approved DSRSD monthly invoices for O&M services.
- Attended FEMA/CalOES workshop sponsored by EBDA. Forwarded all documents used in the meeting to SAG members.
- Continued working with EBDA and LAVWMA agency staff to address enterococcus issues.
- Reviewed EBDA and DSRSD agenda packets.
- Reviewed various O&M projects conducted by DSRSD staff on behalf of LAVWMA.
- Responded to various emails and phone calls from outside agencies and organizations.

Attached for the Board's information, is the most recent Action Item List. Also attached is a letter from SDRMA, President's Special Acknowledgement Award - Property/Liability Program.

Next Meeting

The next Regular Board meeting is scheduled for May 20, 2019.

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Recommendation

None at this time. This is an information item only.

Attachment

February 2020 Action Item List



January 10, 2020

Department of Toxic Substances Control (DTSC)
Attention: Safer Consumer Products Program

RE: TREATMENTS CONTAINING PERFLUOROALKYL OR POLYFLUOROALKYL
SUBSTANCES (PFAS) FOR USE ON CONVERTED TEXTILES OR LEATHERS

Dear Safer Consumer Products Staff:

The California Association of Sanitation Agencies (CASA) appreciates the opportunity to provide comments in support of the DTSC proposal to list treatments containing any member of the class of PFAS for use on converted textiles or leathers as a Priority Product. CASA is an association of local agencies engaged in advancing the recycling of wastewater into usable water, as well as the generation and beneficial reuse of renewable energy, biosolids, and other valuable resources. Through these efforts, we help create a clean and sustainable environment for Californians.

Public wastewater treatment plants are passive recipients of harmful chemicals contained in an array of consumer products that are washed down indoor drains or flushed down toilets. Therefore, source control and other upstream actions to stop the flow of these chemicals at their source are important to support the wastewater sectors mission of protecting public health and the environment. The DTSC proposal to include PFAS used in industrial processes as a Priority Product is a pragmatic source control measure.

CASA is therefore writing to express its strong support for the DTSC's proposal to list treatments containing any member of the class of PFAS for use on carpets and other textiles as a Priority Product. Many of these products have a pathway to public sewer systems – in particular, anything applied to carpeting. Since the liquid waste stream generated from residential and commercial carpet cleaning is almost always directed to public wastewater systems, these treatments are an important line of products from which to remove PFAS. Beyond that, any of these products applied to furniture or other surfaces that come in contact with clothing can transfer PFAS to the wastewater stream during laundering.

Wastewater treatment plants which provide essential public services are “receivers” of these chemicals used by manufacturers such as in the textile industry and merely convey and/or manage the traces of PFAS coming into our systems daily. CASA strongly agrees with the source control measures as proposed by DTSC rather than imposing unnecessary and costly limits on the wastewater and other receiver sectors. In order to address the true sources of these chemicals, it is imperative to discontinue and phase out production and use (both domestic and foreign) at manufacturing facilities and find safer alternatives for textiles, carpets, clothing and other consumer products. As long as PFAS are elements of products used in our everyday lives, and background levels resulting from decades of manufacturing and use persist, these chemicals will continue to be found in “receiver” streams. These chemicals should be regulated at their source, where it's more cost-effective to take a pollution prevention approach.

CASA is pleased to offer its strongest support for the DTSC proposal as a pragmatic source control measure. Thank you for your leadership on this important issue. Please feel free to contact Greg Kester of my staff with any questions. He can be reached at gkester@casaweb.org or at 916-844-5262.

Sincerely,

A handwritten signature in black ink, appearing to read "Adam D. Link". The signature is fluid and cursive, with the first name "Adam" being more prominent than the last name "Link".

Adam D. Link
Executive Director

LAVWMA Action Item List

Month: February 2020

SAG Task	Responsible Party	Due Date	Status	Completion Date
Items for February 19, 2020 LAVWMA Board Meeting	SAG	11/14/2019	Usual reports, updates on Risk and MCC projects, EBDA JPA approval, progress on renewal of agreement with EBDA.	
Operations Coordination Committee Task	Responsible Party	Due Date	Status	Completion Date
FYE 2019 Replacement Projects: See Items Below	Delight/Lopez	Various dates	Refer to information below.	
1. Rebuild Three Pumps - estimated cost of \$60,000 each, total \$180,000. Rebuild three motors at estimated cost or \$36,000 - 45,000.	Quinlan	12/31/2019	Solicited four quotes and received three. Estimated cost is \$30k each, which will likely increase once they are taken apart. Vibration on one new pump was investigated and no issues were found. Installation of new sop.	
2. Resealing of all three Storage Basins - estimated cost \$200,000	Quinlan	TBA	Survey results showed no settling of the basins. The rebar has been cut off at the top of the concrete. DSRSD engineering now leading the project. Sealing will begin after wet weather.	
3. San Leandro Sample Station Assessment. Estimated cost is \$25,000.	Weir	TBA	The SLSS station has to be designed to measure chlorine residual and monitor pH continuously. These parameters have to be measured both when effluent is going to EBDA and when effluent is dechlorinated and diverted to San Lorenzo Creek during wet weather events or during system testing. Composite samples of LAVWMA's effluent need to be taken when its directed to both EBDA and San Lorenzo Creek. Grab samples of LAVWMAs Effluent also need to be collected for Bacteriological analysis in both situations. The design of the SLSS is complicated by the following factors: 1) The discharge to San Lorenzo Creek wet weather outfall is rare; 2) During normal daily operations the LAVWMA pumps shut off during peak demand periods and therefore the pipeline is not full during those times; 3) The station is not staffed continuously. The goal of this project is to work with operational staff and the RWQCB to design the station to meet operational, maintenance and regulatory expectations in a manner which creates as little day to day maintenance as possible. Scope may need to change based on EBDA agreement considerations. Waiting for additional information from Risk analysis project and EBDA issues.	
4. Surge valve replacement with Motorized Operating Ball Valve and Flow Meter Replacement - PRV automation at the SLSS. Estimated cost is \$40,000.	Quinlan		The existing pressure relief valves at the SLSS are mechanically actuated. These mechanical actuators are difficult to test and exercise on a regular basis and therefore unpredictable when the valves are actually needed to operate in an emergency. This project will replace one of the two existing mechanically actuated valves with a motor operated valve. The motor actuated valve will have more precise control and will allow O&M staff to exercise the valve on a regular preventive maintenance schedule which means an increase in reliability. Also, the existing 30" magnetic flow meter at the vault located in the park is beyond its useful life, is failing, and needs to be replaced. The existing manhole is not large enough to accommodate the changing of the mag meter tube. This portion of the project is to design a new vault and hatch and to replace the existing flow meter tube and transmitter.	
5. Pump Station Motor Control Center (MCC) and Soft Starter Upgrades. Estimated cost is \$1,100,000 over two fiscal years.	Weir/Atendido		Scope has been finalized with the addition of two tasks for PSPS and new PG&E tie of use rate structure. Cost still below the budget of \$225,000. Agreement in signature stage and should be completed by February 10. Notice to Proceed to immediately follow.	
6. Road Drainage Improvements at the LAVWMA Pump Station. Estimated cost is \$35,000.	Quinlan		This project will improve road drainage north of the storage basins.	
7. Pump Station Risk Analysis and Forcemain Inspection and Evaluation	Weir/Atendido		Selected Hydro Science for the project. Changing scope due to findings regarding PSPS issues and adding more focus on capacity needs to assist with EBDA negotiations. Have met with HS to discuss revised scope and in process of providing five year hourly flow data, flow projections to 2040, recommendations on pipeline inspection, data on difference in flows between the two pipes, and information on Carollo's flow model. Hourly data from the plants has been provided as well as master plan flow projections through 2040. HydroScience finalizing the scope and agreement should be completed before the end of February.	
Other Items				
Wet Weather Issues	Fuller	10/31/2019	Meeting held October 17, 2019.	
Live test of SLSS system	Fuller/Atendido	TBD	Conducted in April. No significant issues.	
Live test of Alamo Canal discharge during wet weather	Carson/Fuller	TBD	Planning meeting held January 28, 2020. Decided on plan of action and in process of inspecting G11. Draft plan to be developed, reviewed by participants, and submitted to RWQCB for review. Hoping to conduct test in February. Using USGS flow gauge data of Alamo Canal to ensure minimum 15:1 dilution during test. Will hold DSRSD flow at plant and divert Livermore flow to the junction structure. Coordinating with Zone 7 staff.	
Rectifier Cabinets P-6 & P-7 Rebuild/Replacement		TBD	DUI accident on September 14, 2019 destroyed both cabinets at intersection of Eden Canyon Rd and Dublin Canyon Rd. PG&E has cut power. SDRMA insurance notified, CHP report info obtained, pictures sent. Insurance adjuster has inspected it. Received estimate from Corpro to rebuild for \$36,686. Insurance adjuster in discussions with DSRSD staff regarding scope and cost.	
Wet Well Isolation Gates	Quinlan	6/30/2019	Gate is in good shape but won't fully close. No date set, perhaps this winter.	
EBDA Enterococcus Issue	Fuller		No issues at this time.	
YTD O&M Expenses compared to budget	Carson, Weir	Ongoing	Reviewed at every Operations Coordination Meeting.	