

LAVWMA

Prepared by



**Dublin San Ramon
Services District**

Water, wastewater, recycled water

QUARTERLY REPORT OF OPERATIONS

FY 2025-2026, 4th Quarter



Quarterly Report of Operations

LAVWMA Pumping and Conveyance System

Table of Contents

Executive Summary	2
Current Quarter Metrics	3
Operations	5
Maintenance	5
Electrical.....	5
Instrumentation & Controls	5
Mechanical.....	5
Operations.....	5
Laboratory.....	6
Electrical Usage, Efficiency, & Cost	6
Pump Run Time	8
Basin Levels	9
Export Flow	10
Expenditures & Budget Utilization: Labor & O&M	11
Expenditures: Livermore Sole Use Facilities.....	12
Detailed YTD O&M Budget Comparison to Actual Expenses	13
EBDA Monthly Reports	15
Langelier Saturation Index Report (Livermore, DSRSD, LAVWMA).....	18

Executive Summary

For the fourth quarter in fiscal year 2026 (Q4 FY 2026), the Livermore-Amador Valley Water Management Agency (LAVWMA) export conveyance system experienced no major outages or disruptions while pumping 930 million gallons (MG) of fully treated secondary effluent to the San Francisco Bay via the East Bay Dischargers Authority (EBDA) outfall diffuser and San Leandro Sample Station (SLSS; Table 6 or section Export Flow for more details).

This quarter the overall efficiency of the pumping system averaged 71.9% (Table 1; quarterly range FYs 2024 & 2025 [n=8]: 72.6% to 75.3%), with an average electrical cost of \$402 per MG, or \$131 per acre-foot (AF; Table 1 or section Electrical Usage, Efficiency, & Cost for more details). Preventative maintenance (PM) work orders outnumbered corrective maintenance (CM) work orders 23.3 to 1 (quarterly range FYs 2024 & 2025 [n=8]: 13.87 to 32.29; section Maintenance for more details).

For convenience, some year-to-date (YTD) values compared to budgeted are shown below (section Expenditures & Budget Utilization: Labor & O&M for more details).

- Overall costs: YTD \$3,363,239; Budget \$3,600,735
- Utilities costs: YTD \$1,924,654; Budget \$2,025,350
- Labor costs: YTD \$1,295,112; Budget \$1,249,300
- Labor hours: YTD 5,698.8; Budget 5,480
- WOs last quarter: 151.5 hours 168 PMs and 48.5 hours 16 CMs
- WOs this quarter: 145.35 hours 140 PMs and 10 hours 6 CMs
- Pump Efficiency: Apr-72.0% | May-72.1% | Jun-71.1%

Current Quarter Metrics

Monthly export flows were consistent with normal operations (Figure 1). Pump efficiency ranged from about 71% to 72%.

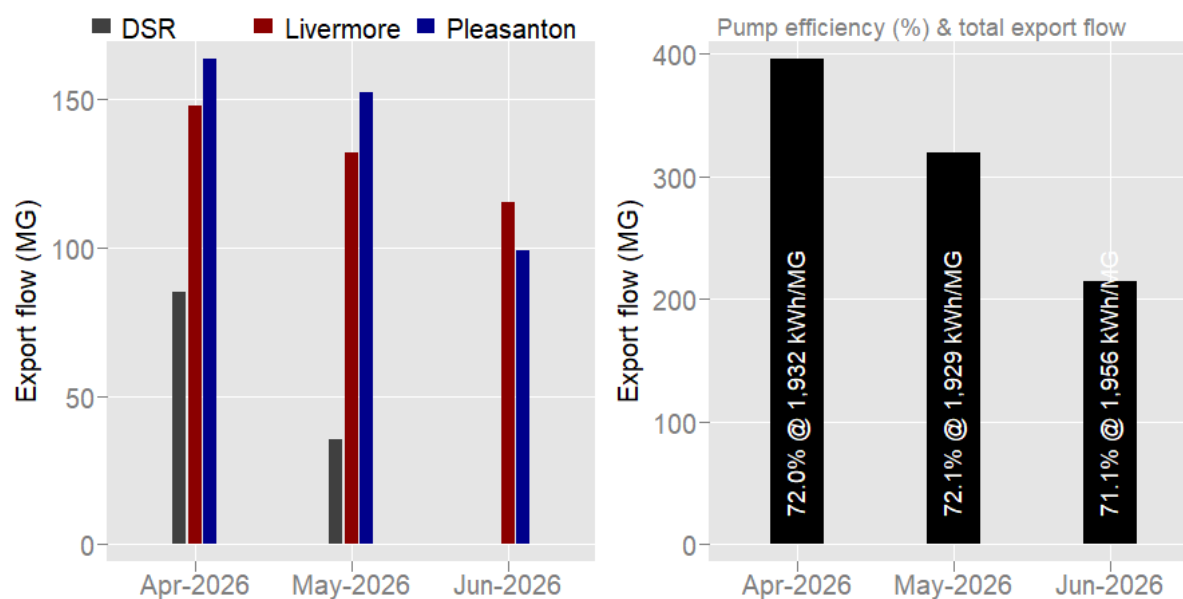


Figure 1 - LAVWMA Q4 FY 2026 export flows for Apr-2026, May-2026, & Jun-2026; monthly flows shown by source (left plot) and as total (right plot) with pump efficiency (%) at noted kilowatt hour (kWh) per million gallons (MG); NOTE: flow & pump efficiency data displayed by calendar month, not PG&E billing period

Most power usage (as kWh) for feeders A & B was during off-peak or super off-peak hours (Figure 2).

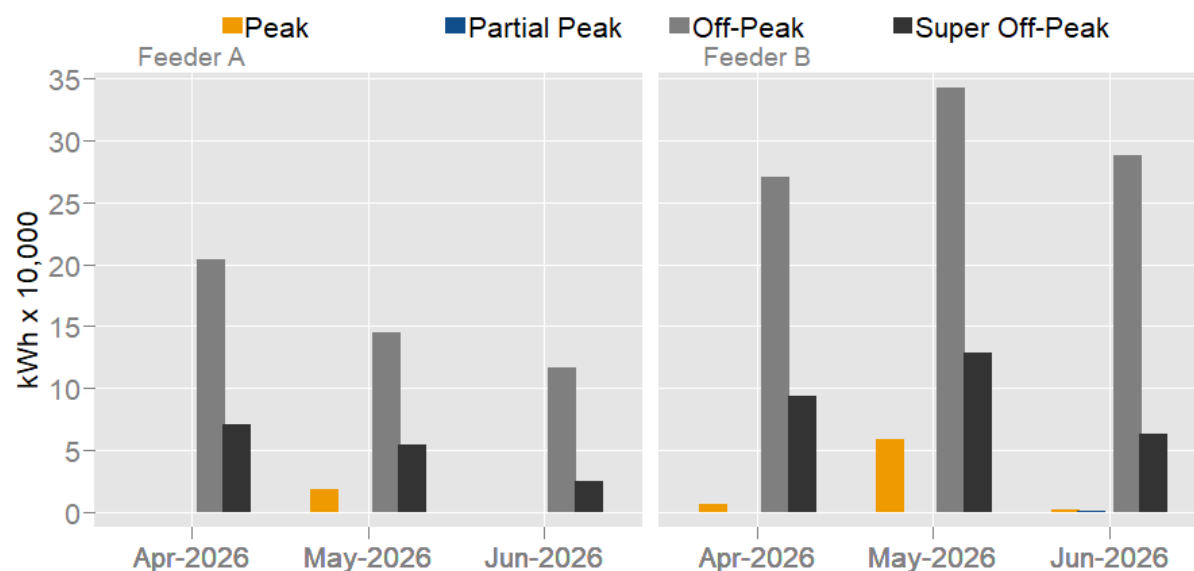


Figure 2 - LAVWMA Q4 FY 2026 electric usage as kilowatt hour (kWh) for PG&E billing cycles Apr-2026, May-2026, & Jun-2026; billing cycle usage displayed separately for feeder A (left) & feeder B (right) by time of use: peak, partial peak, off-peak; & super off-peak

Labor and utilities covered the largest fraction of overall cost in Q\$ FY 2026 (Figure 3, 3 left-most plots). June expenditure included PG&E electric delivery charges for Mar-Jun.

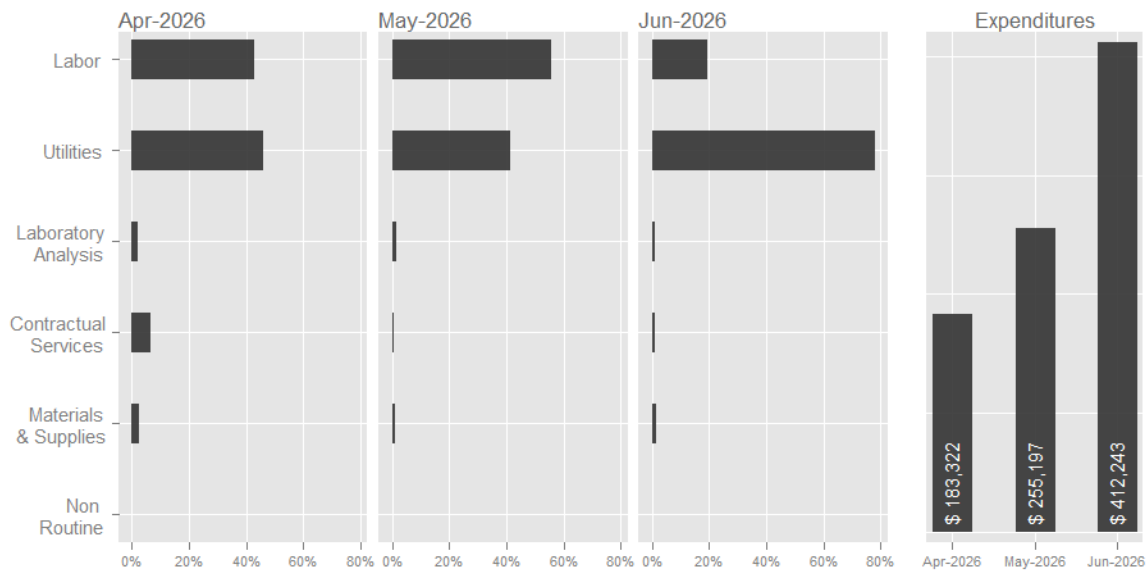


Figure 3 - LAVWMA Q3 FY 2026 expenditures for Apr-2026, May-2026, & Jun-2026 as percent of total cost by type (labor, utilizes, laboratory analysis, contractual services, materials & supplies, & non routine; left plot) and as monthly total (right plot)

There were no major equipment failures in Q4 FY 2026, the pipeline and pumping plant ran without issue. Preventative maintenance (PM) work orders exceeded corrective maintenance (CM) work orders each month during Q4 FY 2026 (Figure 4, right plot).

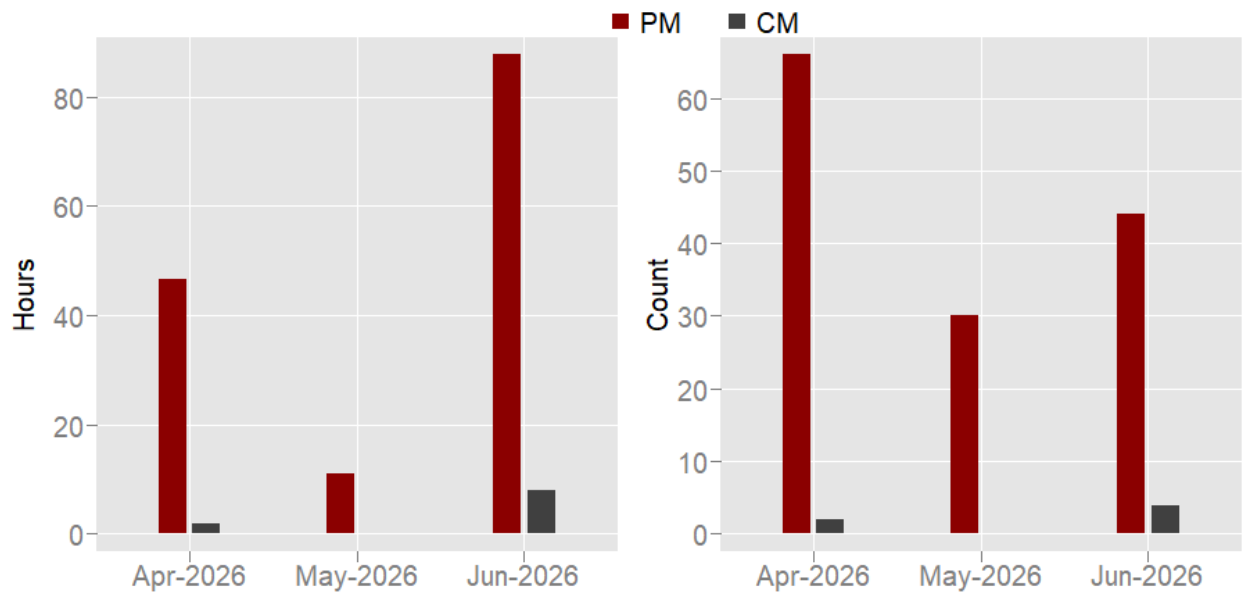


Figure 4 - LAVWMA Q4 FY 2026 preventative maintenance (PM) & corrective maintenance (CM) work order hours (left plot) and count (right plot) for Apr-2026, May-2026, & Jun-2026

Operations

Of the ~930 MG of effluent conveyed through the LAVWMA system during this quarter, 120 MG (12.9%) came from Dublin San Ramon (DSR), 395 MG (42.5%) from the City of Livermore, and 415 MG (44.6%) from the City of Pleasanton. Refer to section Export Flow for more details.

PG&E's current rate plan has four time-of-use (TOU) periods (in order of decreasing rates): peak (year-round), partial peak (June-September), off-peak (year-round), and super off-peak (March-May). Whenever possible, staff implement an efficient pumping plan to avoid pumping during higher rate periods (i.e., peak and partial peak).

Over the past quarter, DSRSD staff utilized the LAVWMA holding basin capacity to reduce the number of pumps in operation, thereby maximizing electrical savings. Flows into LAVWMA vary throughout the day and increase during rain events.

Maintenance

During the quarter, staff logged 143.35 hours completing 140 preventative maintenance (PM) work orders and 10.0 hours completing 6 corrective maintenance (CM) work orders on LAVWMA equipment and systems. Refer to Figure 4 for monthly breakdown (work order data updated 28-Jul-2026).

Pump 7 remains out of service due to vibration issues. On August 5, wastewater operators, electricians, and mechanical maintenance will perform a motor swap with pump 2. This test will determine if motor 7 has issues or if rebuilt pump number 7 is the issue.

The following are some additional noteworthy maintenance activities during the quarter:

Electrical

- Received quotes for switchgear maintenance at Pump Station
- Responded to PG&E power outage and deployed temporary generator due to failed standby generator
- Supported Carollo Engineers asset assessment at Pump Station
- Troubleshoot issues with Motor #8 at Pump Station

Instrumentation & Controls

- Supported CIP 23-L005 SLSS Improvements Project
- Calibrated pH sensors at Pump Station
- Responded to EBDA flowmeter damaged by Contractor at SLSS
- Troubleshoot issues with motor temperature sensors at Pump Station

Mechanical

- Observed stable conditions and water levels with Greenvue vault (lid); following up with contractor
- Continued troubleshooting pump 7; new coupling did not resolve problem
- Worked on repair for failed pump 8 check valve; still out of service

Operations

- Routine operation

Laboratory

- Routine operation

Electrical Usage, Efficiency, & Cost

Monthly pump efficiency (O_e) was estimated as the fraction of a calculated kWh/MG given full efficiency (i.e., 100%) to the actual kWh/MG (see equations below).

$$O_e = \frac{\text{full efficiency kWh}}{\text{actual kWh}} \times 100$$

$$\text{Full Efficiency kWh} = \frac{\overline{GPM} \times TDH}{3960} \times 0.746 \times d \times 24h$$

where

- $\overline{GPM} = \frac{\text{Export Flow (MG)} \times 10^6}{d \times 1440 \text{ min/d}}$
- TDH (total dynamic head) = 442.8 ft (static lift = 408.8 ft, piping losses = 34 ft)
- 3960 = units conversion constant for water between 40° F and 220° F
- 0.746 = horsepower to kW conversion constant (0.746 hp / kW)
- d = number of days
- h = indicates hour (as 24 hours/day)

Table 1 - LAVWMA FY 2026 quarterly kWh usage, export flow, pump efficiency, & cost for PG&E-based billing cycle; current quarter & year-to-date (YTD) summaries provided below monthly values

	Billing Days	kWh	Flow (MG)	kWh/MG	Pump Efficiency	Cost (\$)	\$/kWh	\$/MG	\$/AF
Q1									
Jul-2025	33	345,610	175	1,972.36	70.5%	\$118,807	\$0.34	\$678	\$221
Aug-2025	29	321,405	165	1,948.91	71.3%	\$110,252	\$0.34	\$669	\$218
Sep-2025	30	384,737	198	1,945.93	71.4%	\$72,144	\$0.19	\$365	\$119
Q2									
Oct-2025	32	640,706	345	1,858.79	74.8%	\$195,364	\$0.30	\$567	\$185
Nov-2025	30	752,596	407	1,847.00	75.3%	\$156,774	\$0.21	\$385	\$125
Dec-2025	30	902,415	472	1,913.17	72.7%	\$192,022	\$0.21	\$407	\$133
Q3									
Jan-2026	32	1,069,377	564	1,897.10	73.3%	\$255,881	\$0.24	\$454	\$148
Feb-2026	30	897,138	465	1,928.44	72.1%	\$191,351	\$0.21	\$411	\$134
Mar-2026	32	1,096,552	567	1,934.23	71.9%	\$229,710	\$0.21	\$405	\$132
Q4									
Apr-2026	29	645,534	335	1,929.53	72.1%	\$138,937	\$0.22	\$415	\$135
May-2026	29	748,010	387	1,930.86	72.0%	\$140,227	\$0.19	\$362	\$118
Jun-2026	29	494,612	255	1,937.53	71.8%	\$109,319	\$0.22	\$428	\$140
Q4									
Average		629,385	326	1,933	71.9%	\$129,494	\$0.21	\$402	\$131
Total	87	1,888,155	977	5,798		\$388,482			
Minimum		897,138	465	1,897	71.8%	\$191,351	\$0.19	\$362	\$118
Maximum		748,010	387	1,938	72.1%	\$140,227	\$0.22	\$428	\$140
YTD									
Average		691,558	361	1,920	72.4%	\$159,232	\$0.24	\$462	\$151
Total	365	8,298,692	4,335	23,044		\$1,910,788			
Minimum		321,405	165	1,847	70.5%	\$72,144	\$0.19	\$362	\$118
Maximum		1,096,552	567	1,972	75.3%	\$255,881	\$0.34	\$678	\$221

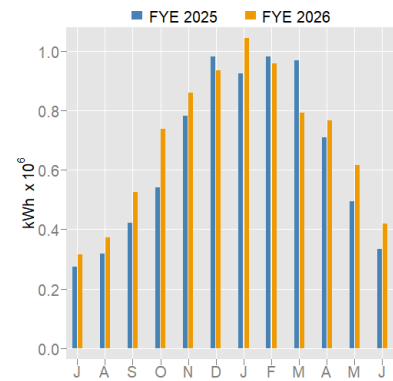


Figure 5 - LAVWMA monthly kWh usage FY 2025 & FY 2026 through Jun-2026; note: plotted kWh values by calendar month, not PG&E-based billing cycle

Table 2 - LAVWMA FY 2026 quarterly kWh usage and cost for PG&E-based billing cycle separately for Service A & Service B

	Service A				Service B				
	Peak (kWh)	Partial Peak (kWh)	Off-Peak (kWh)	Super Off-Peak (kWh)	Cost (\$)	Peak (kWh)	Partial Peak (kWh)	Off-Peak (kWh)	Super Off-Peak (kWh)
Q1									
Jul-2025	0	0	0	0	\$3,822	2,105	1,928	341,577	0
Aug-2025	0	7,127	59,482	0	\$30,986	1,962	10,724	242,110	0
Sep-2025	0	1,290	108,787	0	\$34,095	2,119	16,103	256,439	0
Q2									
Oct-2025	7,508	17,344	603,852	0	\$143,769	2,216	1,146	8,641	0
Nov-2025	1,874	0	740,506	0	\$151,466	2,068	0	8,148	0
Dec-2025	0	0	672,276	0	\$142,328	2,958	0	227,181	0
Q3									
Jan-2026	29,541	0	788,761	0	\$193,254	3,194	0	247,881	0
Feb-2026	0	0	499,368	0	\$104,099	2,487	0	395,284	0
Mar-2026	23,447	0	581,231	48,605	\$137,582	11,258	0	394,631	37,381
Q4									
Apr-2026	0	0	204,061	70,263	\$59,558	6,239	0	270,803	94,168
May-2026	18,756	0	145,127	54,323	\$41,351	58,546	0	343,039	128,219
Jun-2026	0	0	116,154	25,167	\$32,532	1,743	577	288,304	62,667
Q4									
Average	6,252	0	155,114	49,918	\$44,480	22,176	192	300,715	95,018
Total	18,756	0	465,342	149,753	\$133,440	66,528	577	902,146	285,053
Minimum	0	0	116,154	25,167	\$32,532	1,743	0	270,803	62,667
Maximum	18,756	0	204,061	70,263	\$59,558	58,546	577	343,039	128,219
YTD									
Average	6,761	2,147	376,634	16,530	\$89,570	8,074	2,540	252,003	26,869
Total	81,126	25,761	4,519,604	198,358	\$1,074,840	96,893	30,477	3,024,038	322,434
Minimum	0	0	0	0	\$3,822	1,743	0	8,148	0
Maximum	29,541	17,344	788,761	70,263	\$193,254	58,546	16,103	395,284	128,219

Pump Run Time

Monthly pump utilization (U_m) was calculated as the fraction of total pump hours given the total hours possible if nine¹ pumps ran continuously (i.e., 24 hours per day; equation below, where h = total hours, m = given month, d = days in month). Pump utilization varied between ~15% and 28% in Q4 (Table 4).

$$U_m = \frac{h_m}{9 \times 24 \times d_m} \times 100$$

Table 3 - LAVWMA FY 2026 monthly pump hours by pump and total; quarterly and YTD summaries provided below monthly values

Hours	Pump 1	Pump 2	Pump 3	Pump 4	Pump 5	Pump 6	Pump 7	Pump 8	Pump 9	Pump 10	Total
Q1											
Jul-2025	71	334	0	0	0	0	1	0	291	0	697
Aug-2025	178	292	58	0	61	0	0	0	283	0	872
Sep-2025	257	117	215	0	354	3	0	84	106	220	1,356
Q2											
Oct-2025	478	0	417	0	416	0	0	479	0	192	1,982
Nov-2025	505	0	411	0	488	0	0	513	323	0	2,240
Dec-2025	452	81	453	0	475	56	0	166	394	313	2,391
Q3											
Jan-2026	104	503	523	0	549	109	0	557	273	0	2,619
Feb-2026	0	447	460	0	438	181	0	411	434	0	2,373
Mar-2026	321	289	55	101	160	202	0	131	428	256	1,944
Q4											
Apr-2026	73	0	57	560	1	0	0	76	573	472	1,812
May-2026	156	197	0	287	0	0	0	6	482	316	1,445
Jun-2026	26	71	0	312	0	0	12	299	255	0	975
	Pump 1	Pump 2	Pump 3	Pump 4	Pump 5	Pump 6	Pump 7	Pump 8	Pump 9	Pump 10	Total
Q1											
Average Hours	169	248	91	0	138	1	0	28	227	73	975
Std Dev Hours	92.9	115.0	111.2	0.0	189.5	1.7	0.4	48.5	104.6	127.2	341.3
Hours	506	743	273	0	415	3	1	84	680	220	2,925
Min Hours	71	117	0	0	0	0	0	0	106	0	697
Max Hours	257	334	215	0	354	3	1	84	291	220	1,356
Q2											
Average Hours	479	27	427	0	460	19	0	386	239	168	2,204
Std Dev Hours	26.6	46.7	22.9	0.0	38.2	32.6	0.0	191.5	210.0	157.7	206.6
Hours	1,436	81	1,281	0	1,379	56	0	1,158	717	505	6,612
Min Hours	452	0	411	0	416	0	0	166	0	0	1,982
Max Hours	505	81	453	0	488	56	0	513	394	313	2,391
Q3											
Average Hours	141	412.9	346	34	382	164.4	0	366.7	378	85.5	2,312
Std Dev Hours	163.6	110.7	254.2	58.2	200.3	48.7	0.0	216.6	91.2	148.1	341.6
Hours	424	1,238.8	1,039	101	1,147	493	0	1,100	1,135	256	6,935
Min Hours	0	289	55	0	160	109	0	131	273	0	1,944
Max Hours	321	502.8	523	101	549	202	0	557	434	256	2,619
Q4											
Average Hours	85	90	19	386	0	0	4	127	437	263	1,410
Std Dev Hours	65.5	100.0	33.1	151.4	0.4	0.1	6.8	152.9	163.7	240.5	419.6
Hours	255	269	58	1,159	1	0	12	380	1,310	788	4,231
Min Hours	26	0	0	287	0	0	0	6	255	0	975
Max Hours	156	197	57	560	1	0	12	299	573	472	1,812
Total Average Hours	218	194	221	105	245	46	1	227	320	147	1,725
Total Std Dev Hours	181.5	176.9	214.1	183.7	226.3	76.0	3.4	213.6	158.8	168.1	647.4
Total Hours	2,622	2,331.2	2,651	1,259	2,942	553	12	2,722	3,842	1,770	20,704
Total Min Hours	0	0	0	0	0	0	0	0	0	0	697
Total Max Hours	505	502.8	523	560	549	202	12	557	573	472	2,619

Table 4 - LAVWMA FY 2026 monthly percent pump utilization; quarterly and YTD summaries provided below monthly values

	Pump Utilization
Q1	
Jul-2025	10.4%
Aug-2025	13.0%
Sep-2025	20.9%
Q2	
Oct-2025	29.6%
Nov-2025	34.6%
Dec-2025	35.7%
Q3	
Jan-2026	39.1%
Feb-2026	39.2%
Mar-2026	29.0%
Q4	
Apr-2026	28.0%
May-2026	21.6%
Jun-2026	15.0%
Q1	
Average Pump Utilization	14.8%
Min Pump Utilization	10.4%
Max Pump Utilization	20.9%
Q2	
Average Pump Utilization	33.3%
Min Pump Utilization	29.6%
Max Pump Utilization	35.7%
Q3	
Average Pump Utilization	35.8%
Min Pump Utilization	29.0%
Max Pump Utilization	39.2%
Q4	
Average Pump Utilization	21.5%
Min Pump Utilization	15.0%
Max Pump Utilization	28.0%
Total Average Pump Utilization	26.3%
Total Min Pump Utilization	10.4%
Total Max Pump Utilization	39.2%

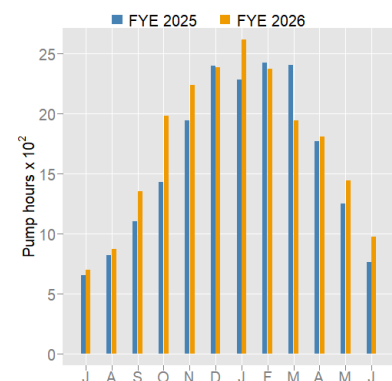


Figure 6- LAVWMA FY 2025 & FY 2026 monthly total pump hours through Jun-2026

¹ Ten pumps total, but one in reserve as a back-up to the other nine

Basin Levels

Table 5 - LAVWMA FY 2026 monthly average levels (in feet) by basin and overall (total); current quarter and YTD summaries provided below monthly values

Average	Basin 1	Basin 2	Basin 3	Total
Q1				
Jul-2025	2.54	0.73	3.66	2.31
Aug-2025	4.80	0.18	5.90	3.63
Sep-2025	4.77	1.02	5.38	3.72
Q2				
Oct-2025	3.60	2.37	4.07	3.35
Nov-2025	4.19	2.02	3.62	3.28
Dec-2025	3.66	0.26	3.24	2.38
Q3				
Jan-2026	3.04	0.24	5.95	3.07
Feb-2026	3.03	0.34	4.81	2.72
Mar-2026	2.49	0.20	2.63	1.77
Q4				
Apr-2026	4.09	0.23	4.89	3.07
May-2026	3.07	0.22	3.44	2.24
Jun-2026	3.09	0.20	1.78	1.69
Q4				
Average	3.41	0.21	3.37	2.33
Minimum	3.07	0.20	1.78	1.69
Maximum	4.09	0.23	4.89	3.07
YTD				
Average	3.53	0.67	4.11	2.77
Minimum	2.49	0.18	1.78	1.69
Maximum	4.80	2.37	5.95	3.72

Export Flow

Combined export flow includes Dublin San Ramon, the City of Livermore, and the City of Pleasanton. Monthly totals do not include flows diverted for recycling use by DERWA and Pleasanton. Budgeted FY 2026 flow is 4,520 MG at an estimated cost of \$797/MG.

Table 6 - LAVWMA FY 2026 monthly export flows in million gallons (MG) for Dublin San Ramon, Livermore, & Pleasanton; current quarter and YTD summaries provided below monthly values; note totals (quarterly & YTD) provided in with monthly summary

	Dublin San Ramon (MG)	Livermore (MG)	Pleasanton (MG)	Combined Export (MG)
Q1	0.00	371.96	259.49	631.45
Jul-2025	0.00	102.33	57.51	159.84
Aug-2025	0.00	111.79	79.96	191.75
Sep-2025	0.00	157.84	122.03	279.87
Q2	366.40	475.79	503.49	1,345.69
Oct-2025	99.46	145.08	154.77	399.31
Nov-2025	124.33	161.90	169.90	456.13
Dec-2025	142.62	168.81	178.82	490.25
Q3	402.33	496.49	552.08	1,450.91
Jan-2026	163.78	179.85	201.45	545.08
Feb-2026	150.09	162.60	183.27	495.95
Mar-2026	88.47	154.04	167.36	409.87
Q4	119.98	395.07	415.21	930.27
Apr-2026	84.82	147.78	163.66	396.25
May-2026	35.16	132.07	152.47	319.71
Jun-2026	0.00	115.22	99.09	214.31
Total	888.72	1,739.31	1,730.28	4,358.31
Q4				
Average	39.99	131.69	138.40	310.09
Minimum	0.00	115.22	99.09	214.31
Maximum	84.82	147.78	163.66	396.25
YTD				
Average	74.06	144.94	144.19	363.19
Minimum	0.00	102.33	57.51	159.84
Maximum	163.78	179.85	201.45	545.08

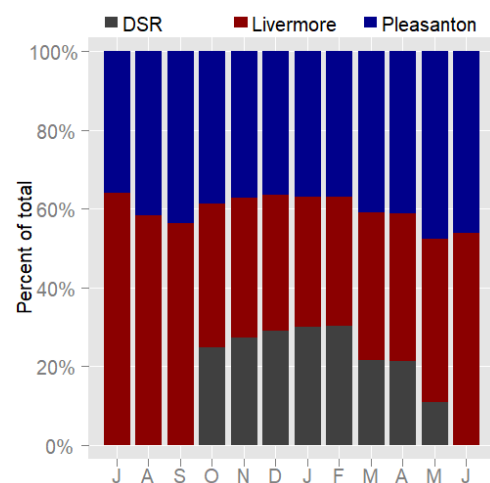


Figure 7- LAVWMA FY 2026 through Jun-2026 monthly export flows by region as a percent of total; DSR = Dublin San Ramon

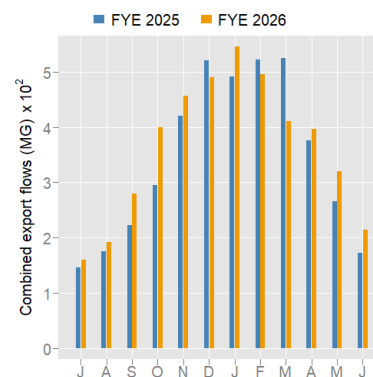


Figure 8 - LAVWMA FY 2025 & FY 2026 through Jun-2026 monthly combined export flows (MG)

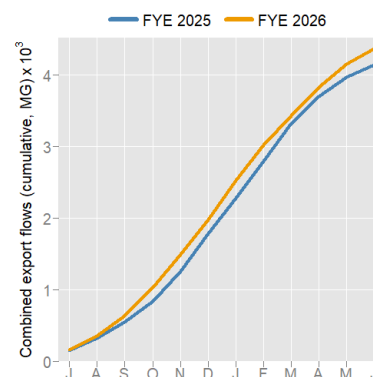


Figure 9 - LAVWMA FY 2025 & FY 2026 through Jun-2026 monthly cumulative combined export flows (MG)

Expenditures & Budget Utilization: Labor & O&M

Expenses this quarter included the coupler for pump 7, smart cover supplies, and motor 4 junction box & valve control cabinet.

Table 7 - LAVWMA FY 2026 monthly expenditure for labor, accounts payable (A/P), and overall (O&M); cost per export flow (million gallons [MG] and acre-foot [AF]) provided for reference; quarterly and YTD summaries provided below monthly values; note totals (quarterly & YTD) provided in with monthly summary

	Labor Expenses	A/P Expenses	O&M Expenses	\$/MG	\$/AF
Q1	\$348,034	\$330,304	\$678,338	\$1,074	\$350
Jul-2025	\$105,587	\$131,282	\$236,868	\$1,482	\$483
Aug-2025	\$137,544	\$119,487	\$257,030	\$1,340	\$437
Sep-2025	\$104,903	\$79,536	\$184,439	\$659	\$215
Q2	\$270,067	\$584,979	\$855,046	\$635	\$207
Oct-2025	\$92,748	\$210,781	\$303,529	\$760	\$248
Nov-2025	\$97,745	\$165,357	\$263,102	\$577	\$188
Dec-2025	\$79,574	\$208,841	\$288,414	\$588	\$192
Q3	\$376,666	\$602,427	\$979,093	\$675	\$220
Jan-2026	\$108,236	\$272,509	\$380,744	\$699	\$228
Feb-2026	\$106,775	\$199,228	\$306,003	\$617	\$201
Mar-2026	\$161,655	\$130,691	\$292,346	\$713	\$232
Q4	\$300,345	\$550,417	\$850,763	\$915	\$298
Apr-2026	\$78,792	\$104,530	\$183,322	\$463	\$151
May-2026	\$142,580	\$112,618	\$255,197	\$798	\$260
Jun-2026	\$78,974	\$333,270	\$412,243	\$1,924	\$627
Total	\$1,295,112	\$2,068,127	\$3,363,239	\$772	\$251
Q4					
Average	\$100,115	\$183,472	\$283,588	\$1,061	\$346
Minimum	\$78,792	\$104,530	\$183,322	\$463	\$151
Maximum	\$142,580	\$333,270	\$412,243	\$1,924	\$627
YTD					
Average	\$107,926	\$172,344	\$280,270	\$885	\$288
Minimum	\$78,792	\$79,536	\$183,322	\$463	\$151
Maximum	\$161,655	\$333,270	\$412,243	\$1,924	\$627

Table 8 - LAVWMA FY 2026 YTD expenditures (O&M & labor) with percent budget utilized and budget remaining

	O&M YTD Expenses	O&M Budget Utilization	O&M Budget Remaining	Labor YTD Expenses	Labor Budget Utilization	Labor Budget Remaining
Q1						
Jul-2025	\$236,868	6.6%	\$3,363,867	\$105,587	8.5%	\$1,143,713
Aug-2025	\$493,899	13.7%	\$3,106,836	\$243,131	19.5%	\$1,006,169
Sep-2025	\$678,338	18.8%	\$2,922,397	\$348,034	27.9%	\$901,266
Q2						
Oct-2025	\$981,867	27.3%	\$2,618,868	\$440,782	35.3%	\$808,518
Nov-2025	\$1,244,969	34.6%	\$2,355,766	\$538,527	43.1%	\$710,773
Dec-2025	\$1,533,383	42.6%	\$2,067,352	\$618,101	49.5%	\$631,199
Q3						
Jan-2026	\$1,914,128	53.2%	\$1,686,607	\$726,336	58.1%	\$522,964
Feb-2026	\$2,220,131	61.7%	\$1,380,604	\$833,111	66.7%	\$416,189
Mar-2026	\$2,512,477	69.8%	\$1,088,258	\$994,767	79.6%	\$254,533
Q4						
Apr-2026	\$2,695,798	74.9%	\$904,937	\$1,073,559	85.9%	\$175,741
May-2026	\$2,950,996	82.0%	\$649,739	\$1,216,138	97.3%	\$33,162
Jun-2026	\$3,363,239	93.4%	\$237,496	\$1,295,112	103.7%	(\$45,812)

Table 9 - LAVWMA FY 2026 billed labor hours and full-time employment equivalent; quarterly and YTD summaries provided below monthly values; note billed labor hour totals (quarterly & YTD) provided with monthly summary

	Billed Labor Hours	FTE Equivalent
Q1	1,526.3	
Jul-2025	465.5	2.7
Aug-2025	607.8	3.5
Sep-2025	453.0	2.6
Q2	1,195.3	
Oct-2025	409.5	2.4
Nov-2025	433.0	2.5
Dec-2025	352.8	2.0
Q3	1,656.0	
Jan-2026	479.5	2.8
Feb-2026	476.5	2.7
Mar-2026	700.0	4.0
Q4	1,321.3	
Apr-2026	340.8	2.0
May-2026	640.0	3.7
Jun-2026	340.5	2.0
Total	5,698.8	
Q4		
Average	440.4	2.5
Minimum	340.5	2.0
Maximum	640.0	3.7
YTD		
Average	474.9	2.7
Minimum	340.5	2.0
Maximum	700.0	4.0

Expenditures: Livermore Sole Use Facilities

Table 10 - LAVWMA FY 2026 expenditures (labor & accounts payable [A/P])
for Livermore sole use facilities; quarterly and YTD (Total) summaries provided
below monthly values

Expenses			
	Labor	A/P	Total
Q1			
Jul-2025	\$410	\$1,556	\$1,966
Aug-2025	\$0	\$670	\$670
Sep-2025	\$0	\$756	\$756
Q2			
Oct-2025	\$0	\$0	\$0
Nov-2025	\$0	\$588	\$588
Dec-2025	\$0	\$816	\$816
Q3			
Jan-2026	\$1,640	\$749	\$2,389
Feb-2026	\$820	\$761	\$1,581
Mar-2026	\$0	\$792	\$792
Q4			
Apr-2026	\$0	\$259	\$259
May-2026	\$0	\$675	\$675
Jun-2026	\$0	\$1,605	\$1,605
	Labor	A/P	Total
Q1			
Total	\$410	\$2,982	\$3,392
Average	\$137	\$994	\$1,131
Minimum	\$0	\$670	\$670
Maximum	\$410	\$1,556	\$1,966
Q2			
Total	\$0	\$1,405	\$1,405
Average	\$0	\$468	\$468
Minimum	\$0	\$0	\$0
Maximum	\$0	\$816	\$816
Q3			
Total	\$2,460	\$2,301	\$4,762
Average	\$820	\$767	\$1,587
Minimum	\$0	\$749	\$792
Maximum	\$1,640	\$792	\$2,389
Q4			
Total	\$0	\$2,540	\$2,540
Average	\$0	\$847	\$847
Minimum	\$0	\$259	\$259
Maximum	\$0	\$1,605	\$1,605
Total Total	\$2,871	\$9,228	\$12,099
Total Average	\$239	\$769	\$1,008
Total Minimum	\$0	\$0	\$0
Total Maximum	\$1,640	\$1,605	\$2,389

Detailed YTD O&M Budget Comparison to Actual Expenses

		LAVVMA BUDGET COMPARISON TO ACTUAL EXPENSES: GOODS & SERVICES																
																	Current FY Period: 12	
		ACTUAL EXPENSES BILLED TO LAVVMA FOR REGULAR O&M																
		Budget	July	August	September	October	November	December	January	February	March	April	May	June	YTD	YTD		
		FY 2025-2026	2025	2025	2025	2025	2025	2025	2026	2026	2026	2026	2026	2026	TOTAL	Budget		
Project Total: lavcost LAVVMA	Labor																	
	Staff	\$1,249,300	\$105,587	\$137,544	\$104,903	\$92,748	\$97,745	\$79,574	\$108,236	\$106,775	\$161,655	\$78,792	\$142,580	\$78,974	\$1,295,112	\$1,249,300		
	Subtotal	\$1,249,300	\$105,587	\$137,544	\$104,903	\$92,748	\$97,745	\$79,574	\$108,236	\$106,775	\$161,655	\$78,792	\$142,580	\$78,974	\$1,295,112	\$1,249,300		
Phase Total: supply	Materials & Supplies																	
	Operations Supplies	\$24,100	130	\$466	\$671	\$156	\$3,027	\$258	\$79	\$352	\$216	\$134	\$331	\$88	\$5,907	\$24,100		
	Mechanical Supplies	\$35,250	\$1,080	\$1,859	\$17		\$303	\$129	\$1,044	\$371	\$248	\$1,972	\$1,902	\$5,539	\$14,464	\$35,250		
	Electrical Supplies	\$40,000	\$0	\$0	\$0	\$10,429		\$9,211	\$8,959	\$1,670	\$4,327	\$2,304	\$67	\$110	\$37,077	\$40,000		
	Subtotal	\$99,350	\$1,210	\$2,325	\$689	\$10,585	\$3,330	\$9,598	\$10,082	\$2,392	\$4,791	\$4,410	\$2,300	\$5,737	\$57,448	\$99,350		
Analysis Biochemical Oxy Demand & Total Langelier Index	Laboratory Analysis																	
	Compliance Testing	\$12,000	\$1,465	\$1,172	\$1,172	\$1,465	\$1,172	\$1,465	\$1,200	\$1,200	\$1,200	\$1,323	\$1,200	\$1,200		\$12,000		
	Operational Support Testing	\$5,050	\$321	\$0	\$0	\$642	\$0	\$0	\$658	\$0	\$0	\$658	\$0	\$0		\$5,050		
	Special Sampling	\$30,300	\$2,541	\$2,340	\$2,925	\$2,340	\$1,938	\$2,541	\$2,398	\$2,398	\$2,998	\$2,192	\$2,398	\$2,398		\$30,300		
	Subtotal	\$47,350	\$4,327	\$3,512	\$4,097	\$4,447	\$3,110	\$4,006	\$4,256	\$3,598	\$4,198	\$4,173	\$3,598	\$3,598	\$46,920	\$47,350		
Phase Total: cservi	Contractual Services																	
	Sub-surface Repairs	\$16,225													\$0	\$16,225		
	Street Sweeping	\$5,150													\$0	\$5,150		
	Cathodic Protection Survey & Repairs	\$48,700													\$0	\$48,700		
	Underground Service Alert	\$5,200	\$626												\$626	\$5,200		
	SCADA software maintenance contract	\$15,000	\$5,365					\$158							\$5,523	\$15,000		
	Remote monitoring annual service for PS and Re	\$2,500						\$646							\$646	\$2,500		
	HVAC Maintenance/Repairs	\$1,200													\$0	\$1,200		
	Termite/Pest Control	\$1,100													\$0	\$1,100		
	Landscape/weed maintenance	\$11,550										\$8,896		\$2,965	\$11,862	\$11,550		
	Smartmeter Covers	\$1,860									\$2,184				\$1,860	\$1,860		
	Janitorial Service	\$11,700		\$1,950	\$975		\$975	\$975	\$975	\$975	\$3,200		\$975	\$1,950	\$12,950	\$11,700		
	Fire Extinguisher Maintenance	\$200													\$0	\$200		
	Misc Professional/Contractual Services	\$34,000		\$457		\$280		\$317			\$2,456	\$3,077	\$356	\$-1,627	\$5,315	\$34,000		
	Subtotal	\$154,385	\$5,991	\$2,407	\$975	\$280	\$975	\$2,095	\$975	\$975	\$7,840	\$11,973	\$1,331	\$3,288	\$39,106	\$154,385		
Phase Total: utilit	Utilities																	
	Electricity (PG&E)	\$2,019,250	\$119,608	\$110,922	\$72,900	\$195,364	\$157,362	\$192,838	\$256,629	\$192,112	\$113,104	\$83,824	\$104,638	\$319,959	\$1,919,261	\$2,019,250		
	Water & Sewer (Pleasanton)	\$2,500			\$202		\$202		\$196		\$380		\$380	\$386	\$1,746	\$2,500		
	Water (EBMUD)	\$1,600			\$483		\$228		\$219		\$228		\$219		\$1,377	\$1,600		
	Telephone/communications	\$2,000	\$146	\$321	\$190	\$104	\$151	\$303	\$152	\$151	\$151	\$151	\$151	\$301	\$2,270	\$2,000		
	WW Treatment (DSRSD)	\$0													\$0	\$0		
	Subtotal	\$2,025,350	\$119,754	\$111,243	\$73,775	\$195,469	\$157,942	\$193,141	\$257,196	\$192,263	\$113,862	\$83,974	\$105,389	\$320,646	\$1,924,654	\$2,025,350		
Phase Total: nonrou	Non-Routine																	
		\$25,000													\$0	\$25,000		
	Subtotal	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000		
Monthly Total			\$236,868	\$257,030	\$184,439	\$303,529	\$263,102	\$288,414	\$380,744	\$306,003	\$292,346	\$183,322	\$255,197	\$412,243	\$3,363,239	\$3,600,735		
YTD Total		\$3,600,735	\$236,868	\$493,899	\$678,338	\$981,867	\$1,244,969	\$1,533,383	\$1,914,128	\$2,220,131	\$2,512,477	\$2,695,798	\$2,950,996	\$3,363,239				
Combined Export Flow, mg		4520	160	192	280	399	456	490	545	496	410	396	320	214	4,358	4,520		
Pumping Efficiency			70.6%	71.5%	74.0%	75.1%	73.6%	72.8%	72.6%	72.0%	72.0%	72.0%	72.1%	71.1%				
Monthly Cost, \$/mg			\$1,482	\$1,340	\$659	\$760	\$577	\$588	\$699	\$617	\$713	\$463	\$798	\$1,924				
YTD Running Cost, \$/mg		\$797	\$1,482	\$1,405	\$1,074	\$953	\$837	\$776	\$759	\$736	\$733	\$705	\$712	\$772	\$772			

LAVWMA														
BUDGET COMPARISON TO ACTUAL EXPENSES: LABOR														
													Current FY Period:	12
ACTUAL EXPENSES BILLED TO LAVWMA FOR REGULAR O&M														
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	YTD	YTD
FY 2025-2026	2025	2025	2025	2025	2025	2025	2026	2026	2026	2026	2026	2026	TOTAL	Budget
Estimated Personnel Hours														
Division 51 - FOD	44	-	10.00	-	5.00	10.00	-	-	17.00	14.00	-	11.00	-	67.00
Water/Wastewater Sys Lead Op	0													-
Water/Wastewater Sys OP IV-On Call	0													-
Water/Wastewater Sys OP IV	0								2.00					2.00
Water/Wastewater Sys OP III	0													-
Water/Wastewater Sys OP I/II	36		10.00		5.00	10.00		17.00	8.00		11.00			61.00
Maintenance Worker	0													-
Supervisor	8								4.00					4.00
Division 52 - WWTP	2,605	218.50	367.75	272.00	185.00	225.00	175.00	220.00	240.50	307.00	188.25	194.00	186.00	2,779.00
Senior Process WWTP Operator	40	32.00	74.50	30.00	15.00	30.00	28.00	28.00	26.00	46.00	30.00	34.50	30.00	404.00
Senior WWTP Operator	1,950	61.00	80.75	51.00	49.50	49.00	35.50	44.00	52.50	151.00	46.50	38.00	35.00	693.75
WWTP Supervisor	200	10.00	17.00	39.00	18.00	20.00	9.00	14.00	10.00	10.00	9.50	7.00	17.50	181.00
Operator In Training	0													-
WWTP Operator II	415	115.50	194.50	151.00	102.50	126.00	102.50	134.00	152.00	100.00	102.25	114.50	103.50	1,498.25
WWTP Operator II (SLSS)	0													-
Operations Superintendent	0		1.00	1.00										2.00
Operations Director	0													-
Division 53 - MECH	1,580	188.00	159.00	129.00	154.00	148.50	135.75	202.50	131.50	199.50	113.50	122.00	115.50	1,798.75
Senior Mechanic	500	68.00	51.00	52.00	49.00	22.50	30.25	43.00	31.50	67.00	45.00	33.00	56.00	548.25
Senior Mechanic - USA	0	17.00	10.00	23.00	9.00	16.00	16.00	13.50	16.00	54.00	46.00	40.00	10.00	270.50
Maintenance Worker II	40													-
Mechanic I	0	19.50	35.50	25.50	56.00	56.50	36.00	70.00	69.00	26.50				394.50
Mechanic II	1,000	17.00	33.00	8.00	21.00	27.50	16.00	41.00	6.00	25.00	11.50	18.00	18.50	242.50
Mechanic I- USA	0	57.50	21.50	5.50	19.00	15.00	18.50	22.00	9.00	16.00			11.50	195.50
Mechanic II- USA	0	9.00	8.00	15.00		11.00	19.00	13.00		11.00	11.00	31.00	19.50	147.50
Mechanical Supervisor	40													-
Mechanical Superintendent	0													40.00
Division 54 - ELEC	1,079	57.00	67.00	48.00	64.50	46.00	40.50	56.50	87.50	178.50	39.00	313.00	39.00	1,036.50
Senior Instrument/Controls Tech	90	9.00	14.50	7.00	12.50	12.00	6.00	11.50	16.00	15.00	13.50	9.00	14.00	140.00
Instrumentation & Controls Tech I/II	504	19.00	24.00	21.00	20.00	18.00	29.50	33.00	22.50	36.00	21.00	22.00	18.50	284.50
Ice Supervisor	45	0.50	7.00	4.00	0.50	4.00	1.00	3.00	3.00	2.00		10.00	3.00	38.00
Senior Electrician	90	9.00	10.00	6.00	18.00			7.00	12.00	24.00	3.00	48.00	2.00	139.00
Electrician I/II	305	15.00	10.00	9.00	10.00	10	2.00	2.00	21.00	97.00		218.00		394.00
Principal Electrical Engineer	45	4.50	1.50	1.00	3.50	2.00	2.00		13.00	4.50	1.50	6.00	1.50	41.00
Division 55 - Laboratory	0	-	-	-	-	-	-	-	-	-	-	-	-	-
EC Inspector II-Pretreatment	0													-
Laboratory Technician	0													-
Supervisor	0													-
Division 26 - SAFETY	54	-	-	-	-	-	-	-	-	-	-	-	-	-
Safety Officer	54													54.00
Division 40 - ENG	118	2.00	4.00	4.00	1.00	3.50	1.50	0.50	-	1.00	-	-	-	17.50
Senior Civil Engineer-SME	10													-
Associate Engineer	60	2.00	4.00	4.00	1.00	3.50	1.50	0.50						16.50
Construction Inspector I/II	8													-
Engineering Technician I	20								1.00					1.00
GIS Analyst	20													-
Total Estimated Personnel Hours	5,480													
FTE	2.6													
Total Monthly Hours	465.50	607.75	453.00	409.50	433.00	352.75	479.50	476.50	700.00	340.75	640.00	340.50	5,698.75	5,270.00
Notes:														
May: 640 Total billed														
249 reclassified from CIP to LAVCOST														

EBDA Monthly Reports

Parameter	Flow	CBOD Qual	CBOD	TSS Qual	TSS	pH	pH	Total Residual Chlorine	Total Residual Chlorine	Fecal Qual	Fecal Coliforms	Entero Qual	Enterococci	Total Kjeldahl Nitrogen	Total Inorganic Nitrogen	Total Inorganic Nitrogen	Flow	Flow	Total Residual Chlorine
Units	MGD		mg/L		mg/L	SU	SU	mg/L	mg/L		MPN/100mL		MPN/100mL	mg/L	mg/L	mg/L	MGD	MGD	mg/L
Test Method	Daily Average (Mean)		SM 5210 B-2011		SM 2540 D-2011	Instant Min	Instant Max	Daily Average (Mean)	Daily Average (Mean)		SM 9221 C,E-2006		Enterolert	SM 4500-N	Calculation: NO2 + NO3		Daily Average	Daily Average	Field
MDL			2.0		1.2														
RL			2.0		4.5						1.8		10						
Location	LAVWMA-EXP		LAVWMA-EXP		LAVWMA-EXP	LAVWMA-EXP	LAVWMA-EXP	LAVWMA-EXP	SLSS		SLSS		SLSS	INF-002F	EFF-002F	EFF-002F	INF-002F	EFF-002F	SLSS
4/1/2026	11.17		<2		6.2	7.53	7.71	3.41									11.79	5.30	
4/2/2026	11.12					7.25	7.70	4.33						52	32		11.99	6.80	
4/3/2026	12.59					7.25	7.41	4.45									11.62	6.60	
4/4/2026	11.45					7.24	7.43	4.45									11.62	10.82	
4/5/2026	13.85					7.25	7.37	3.34									11.26	7.56	
4/6/2026	10.58					7.15	7.38	2.93									11.13	6.78	
4/7/2026	10.75					7.27	7.63	2.71			7.8	<	10				10.87	4.31	0.04
4/8/2026	11.70		4.5		6.9	7.27	7.46	2.94									10.52	9.26	
4/9/2026	9.03					7.25	7.38	3.25									10.95	2.87	
4/10/2026	10.76					7.27	7.41	2.51									11.39	7.97	
4/11/2026	12.90					7.24	7.37	2.45									13.11	10.60	
4/12/2026	12.26					7.17	7.33	2.53									14.83	14.17	
4/13/2026	14.84					7.21	7.65	2.42									14.13	6.29	
4/14/2026	14.80					7.25	7.30	2.45		<	1.8	<	10				12.50	11.72	0.04
4/15/2026	14.82		2.6		4.1	7.25	7.30	3.05									12.55	9.61	
4/16/2026	15.79					7.27	7.32	2.96									12.18	9.57	
4/17/2026	11.63					7.19	7.32	2.46									12.11	8.07	
4/18/2026	11.64					7.19	7.32	3.27									12.03	9.34	
4/19/2026	15.86					7.24	7.29	2.89									12.55	6.53	
4/20/2026	15.87					7.22	7.29	2.43									11.95	11.69	
4/21/2026	15.92					7.19	7.27	3.09		<	1.8	<	10				14.07	9.75	0.05
4/22/2026	15.79		2.9		5.1	7.18	7.23	2.41									13.00	12.24	
4/23/2026	15.84					7.18	7.23	3.29									13.05	12.58	
4/24/2026	11.59					7.13	7.27	3.24									12.69	6.90	
4/25/2026	15.81					7.25	7.28	2.53									12.30	11.68	
4/26/2026	15.90					7.26	7.31	2.89									12.69	9.86	
4/27/2026	14.43					7.25	7.32	2.64									12.55	6.79	
4/28/2026	10.07					7.14	7.32	2.63			2.0						12.09	6.35	0.03
4/29/2026	15.86		2.7		4.5	7.20	7.28	2.58									11.70	10.82	
4/30/2026	11.64					7.10	7.51	2.55									11.84	8.50	
Note: Column G - pH Minimum; online Column H - pH Maximum; online																			

Parameter	Flow	CBOD Qual	CBOD	TSS Qual	TSS	pH	pH	Total Residual Chlorine	Total Residual Chlorine	Fecal Qual	Fecal Coliforms	Entero Qual	Enterococci	Total Kjeldahl Nitrogen	Total Inorganic Nitrogen	Total Inorganic Nitrogen	Flow	Flow	Total Residual Chlorine
Units	MGD		mg/L		mg/L	SU	SU	mg/L	mg/L		MPN/100mL		MPN/100mL	mg/L	mg/L	mg/L	MGD	MGD	mg/L
Test Method	Daily Average (Mean)		SM 5210 B-2011		SM 2540 D-2011	Instant Min	Instant Max	Daily Average (Mean)	Daily Average (Mean)	SM 9221 C,E-2006			Enterolert	SM 4500-N	Calculation: NO2 + NO3		Daily Ave	Daily Average	Field
MDL			2.0		1.2														
RL			2.0		4.5						1.8		10						
Location	LAVWMA-EXP		LAVWMA-EXP		LAVWMA-EXP	LAVWMA-EXP	LAVWMA-EXP	SLSS			SLSS		SLSS	INF-002F	EFF-002F	EFF-002F	INF-002F	EFF-002F	SLSS
5/1/2026	10.64					7.15	7.29	2.45									12.04	5.66	
5/2/2026	11.14					7.17	7.30	2.36									11.91	8.72	
5/3/2026	15.94					7.25	7.29	2.48									12.14	11.32	
5/4/2026	11.62					7.19	7.29	2.54									12.30	5.89	
5/5/2026	11.62					7.21	7.32	2.48		<	1.8	<	10				13.54	10.55	0.05
5/6/2026	12.18		4.5		5.8	7.19	7.30	2.91									11.89	5.65	
5/7/2026	11.69					7.22	7.32	2.61						53	33		11.54	11.05	
5/8/2026	12.04					7.22	7.38	2.43									12.06	4.17	
5/9/2026	11.66					7.24	7.48	2.21									12.29	10.07	
5/10/2026	12.15					7.20	7.33	2.16									12.23	8.74	
5/11/2026	11.62					7.20	7.35	1.83									12.33	4.90	
5/12/2026	11.85					7.25	7.34	1.52			4.5		10				11.64	10.17	0.01
5/13/2026	11.74		7.4		11.0	7.24	7.34	1.77									11.96	1.54	
5/14/2026	7.99					7.10	7.80	1.65								37	11.79	6.18	
5/15/2026	9.05					7.25	7.38	2.50									11.86	3.22	
5/16/2026	9.36					7.27	7.38	2.50									11.64	7.99	
5/17/2026	11.73					7.24	7.34	2.77									12.41	9.23	
5/18/2026	11.72					7.18	7.33	2.29									12.17	5.54	
5/19/2026	7.99					7.13	7.29	2.54			4.5	<	10				12.03	1.61	0.04
5/20/2026	6.79		3.4		8.5	7.15	7.28	3.25									11.99	4.78	
5/21/2026	5.71					7.10	7.27	2.53									12.04	2.04	
5/22/2026	8.39					7.15	7.32	2.23									11.78	3.16	
5/23/2026	7.19					7.20	7.32	2.08									11.70	4.90	
5/24/2026	9.67					7.15	7.30	2.49									11.49	6.88	
5/25/2026	7.75					7.19	7.29	2.65									11.97	5.41	
5/26/2026	11.15					7.24	7.32	2.48			1.8	<	10				11.69	7.22	0.09
5/27/2026	9.13		4.9		7.4	7.15	7.29	3.07									12.05	3.34	
5/28/2026	8.65					6.62	7.72	2.49									12.44	4.85	
5/29/2026	10.26					7.34	7.46	2.95									12.04	6.32	
5/30/2026	9.80					7.33	7.43	3.01									11.98	8.16	
5/31/2026	11.50					7.30	7.41	2.88									12.26	7.82	

Note:

Column G - pH Minimum; online

Column H - pH Maximum; online

Parameter	Flow	CBOD Qual	CBOD	TSS Qual	TSS	pH	pH	Total Residual Chlorine	Total Residual Chlorine	Fecal Qual	Fecal Coliforms	Entero Qual	Enterococci	Total Kjeldahl Nitrogen	Total Inorganic Nitrogen	Total Inorganic Nitrogen	Flow	Flow	Total Residual Chlorine
Units	MGD		mg/L		mg/L	SU	SU	mg/L	mg/L		MPN/100mL		MPN/100mL	mg/L	mg/L	mg/L	MGD	MGD	mg/L
Test Method	Daily Average (Mean)		SM 5210 B-2011		SM 2540 D-2011	Instant Min	Instant Max	Daily Average (Mean)	Daily Average (Mean)	SM 9221 C,E-2006			Enterolert	SM 4500-N	Calculation: NO2 + NO3		Daily Average	Daily Average	Field
MDL			2.0		1.2														
RL			2.0		4.5						1.8		10						
Location	LAVWMA-EXP		LAVWMA-EXP		LAVWMA-EXP	LAVWMA-EXP	LAVWMA-EXP	LAVWMA-EXP	SLSS		SLSS		SLSS	INF-002F	EFF-002F	EFF-002F	INF-002F	EFF-002F	SLSS
6/1/2026	9.19					7.28	7.39	2.67									12.00	4.23	
6/2/2026	8.86					7.30	7.41	2.10			7.8	<	10				11.80	5.30	0.04
6/3/2026	7.65		4		6.6	7.15	7.43	2.32									11.56	3.62	
6/4/2026	7.60					7.24	7.41	2.23						56	33		11.66	2.78	
6/5/2026	5.60					7.20	7.41	2.53									11.75	2.15	
6/6/2026	6.11					7.20	7.42	2.31									11.61	3.73	
6/7/2026	9.17					7.30	7.43	2.14									11.64	6.18	
6/8/2026	8.87					7.29	7.38	2.23									11.82	4.44	
6/9/2026	8.56					7.25	7.36	1.87		<	1.8	<	10				11.58	3.79	0.05
6/10/2026	8.12		4		6.4	7.24	7.82	1.95									11.56	3.84	
6/11/2026	5.96					7.22	7.30	1.71									11.50	3.93	
6/12/2026	8.74					7.22	7.33	0.82									11.68	1.91	
6/13/2026	5.30					7.15	7.32	1.41									11.54	1.55	
6/14/2026	6.63					7.08	7.32	2.05									11.62	5.42	
6/15/2026	7.97					7.17	7.30	2.33									11.81	3.91	
6/16/2026	7.56					7.18	7.33	1.90			6.8		20				11.59	2.70	0.04
6/17/2026	6.03		3.9		8.6	6.85	7.55	1.57									11.62	2.76	
6/18/2026	6.68					7.15	7.29	1.48									11.61	1.51	
6/19/2026	5.82					7.15	7.29	1.70									11.76	2.90	
6/20/2026	7.51					7.19	7.29	1.38									11.55	3.71	
6/21/2026	6.48					7.10	7.29	1.90									11.74	6.10	
6/22/2026	9.16					7.19	7.27	1.84									11.85	2.22	
6/23/2026	6.50					7.19	7.28	1.42			4.5	<	10				11.73	1.65	0.04
6/24/2026	4.84		2.6		6.0	7.01	7.87	0.89									11.88	1.64	
6/25/2026	5.46					7.10	7.34	1.25									11.80	2.68	
6/26/2026	5.45					7.10	7.34	1.27									11.85	1.61	
6/27/2026	6.58					7.10	7.34	1.17									11.82	4.34	
6/28/2026	8.28					7.14	7.32	1.54									12.14	4.06	
6/29/2026	6.97					7.09	7.30	1.47									11.44	3.03	
6/30/2026	6.67					7.12	7.30	1.40			33.0	<	10				11.75	2.52	0.05

Note:

Column G - pH Minimum; online

Column H - pH Maximum; online

Langelier Saturation Index Report (Livermore, DSRSD, LAVWMA)

The Langelier Saturation index is used to predict corrosion potential on the export pipeline. Keeping a Langelier index between -0.5 – 0.5 is a good target.

Langelier pH Saturation Index (Apr-26 through Jun-26)								
Agency	Collection Date	TDS (mg/L)	Temp (°C)	Ca Hardness (mg/L CaCO ₃)	Alkalinity (mg/L CaCO ₃)	pH Actual	pH Saturation	Langelier Index
Livermore	06/01/26	558	21.0	72	302	7.7	7.6	0.1
DSRSD	04/07/26	714	22.1	104	311	7.52	7.4	0.2
LAVWMA	04/07/26	674	21.6	92	308	7.54	7.4	0.1