



**FINANCE/POLICY COMMITTEE MEETING  
OF THE BOARD OF TRUSTEES  
LOCATION: TELECONFERENCE – SEE BELOW**

**July 5, 2022**

**5:30 PM**

**AGENDA**

The Finance Committee is not a decision-making body and can only make recommendations to the Board. All decisions are made by the full Board at the monthly meeting of the Board of Trustees.

**IMPORTANT NOTICE REGARDING COVID-19 AND TELECONFERENCED MEETINGS:**

Based on the authority under AB 361 and the guidance from the County Public Health Officer and the CDC to minimize the spread of the coronavirus, please note the following changes to the District's ordinary meeting procedures:

- The District's Board Room is not open to the public at this time.
- The meeting will be conducted via teleconference using Zoom.
- All members of the public seeking to observe and/or to address the local legislative body may participate in the meeting telephonically or otherwise electronically in the manner described below.

**HOW TO OBSERVE THE MEETING:**

**Telephone:** Listen to the meeting live by calling Zoom at **(408) 636-0968** or **(669) 900-6833**.

Enter the **Meeting ID# 650-344-8592** followed by the pound (#) key. More phone numbers can be found on Zoom's website at <https://zoom.us/j/6503448592> if the line is busy.

**Computer:** Watch the live streaming of the meeting from a computer by navigating to <https://zoom.us/j/6503448592> using a computer with internet access that meets Zoom's system requirements (see <https://support.zoom.us/hc/en-us/articles/201362023-System-Requirements-for-PC-Mac-and-Linux>)

**Mobile:** Log in through the Zoom mobile app on a smartphone and enter **Meeting ID# 650-344-8592**.

**ACCESSIBILITY INFORMATION:**

Board Meetings are accessible to people with disabilities and others who need assistance. Individuals who need special assistance or a disability-related modification or accommodation (including auxiliary aids or services) to observe and/or participate in this meeting and access meeting-related materials should contact Brian Weber, District

Manager, at least 48 hours before the meeting at (650) 344-8592 or [bweber@smcmvcd.org](mailto:bweber@smcmvcd.org). Advanced notification will enable the District to swiftly resolve such requests to ensure accessibility.

**PUBLIC RECORDS:**

Public records that relate to any item on the open session agenda for a meeting are available for public inspection. Those records that are distributed after the agenda posting deadline for the meeting are available for public inspection at the same time, they are distributed to all or a majority of the members of the Board. The Board has designated the District’s website located at <https://www.smcmvcd.org/board-meetings> as the place for making those public records available for inspection. The documents may also be obtained by calling the District Manager.

**1. CALL TO ORDER**

**2. ROLL CALL**

- Mason Brutschy (Chair), Town of Atherton \_\_\_\_\_
- Muhammad Baluom, City of Millbrae \_\_\_\_\_
- Ray Williams, Town of Portola Valley \_\_\_\_\_
- Robert Riechel, City of San Bruno \_\_\_\_\_
- Carolyn Parker, City of Brisbane \_\_\_\_\_
- Kati Martin, City of Half Moon Bay \_\_\_\_\_

**3. PUBLIC COMMENTS AND ANNOUNCEMENTS**

This time is reserved for members of the public to address the Finance Committee of the Board relative to matters of the Committee not on the agenda. No action may be taken on non-agenda items unless authorized by law. Comments will be limited to three minutes per person (or six minutes where a translator is used).

**4. REGULAR AGENDA**

- A. Review Preliminary Financial Report for FY 2021-22 as of May 31, 2022.

**Report by:** Finance Director Richard Arrow, CPA

**ACTION:** Motion to recommend the Board approve Financial Report for FY 2021-22  
as of May 31, 2022

- B.** Consider recommending the Board approve the budgeted Capital purchase of a QuantStudio 5 Real-Time PCR System

**Report by:** District Manager Brian Weber

**ACTION:** Motion to recommend the Board approve the purchase of a QuantStudio 5 Real-Time PCR System

- C.** Oral report on architectural plans relative to property located at 1415. N. Carolan, Burlingame

**Report by:** District Manager Brian Weber



**Item 4A**

**Monthly Financial Report  
Month Ending May  
2022**

**Staff Recommendation:** Motion to recommend approval of the May 31, 2022, Financial Report.

**Statement of Revenues, Expenditures and Change in Fund Balance**

Total revenues received from July 1 through May 31, 2022 (YTD) were \$ 10.2 million; total expenditures YTD were \$ 12.1 million; and the change in fund balance was (\$1.9 million). The District had \$ 8.7 million in cash available in County Treasury.

	<b>General</b>	<b>Capital</b>	<b>Total</b>
	<b>Fund</b>	<b>Fund</b>	<b>Funds</b>
<b>Beginning Fund Balance 7/1/2021:</b>	\$ 10,260,379	\$ 1,022,269	\$ 11,282,647
Revenues/Resources	\$ 10,180,478	\$ 6,618	\$ 10,187,095
Due To (From) Funds	\$ (7,538,838)	\$ 7,538,838	\$ -
Expenditures	\$ 4,324,671	\$ 7,749,505	\$ 12,074,176
<b>Change in Fund Balance</b>	<b>(1,683,032)</b>	<b>(204,049)</b>	<b>\$ (1,887,080)</b>
<b>* Ending Fund Balance</b>	<b>\$ 8,577,347</b>	<b>\$ 818,220</b>	<b>\$ 9,395,567</b>

<b>* Components of Fund Balance:</b>			
<b>Nonspendable (Inventory)</b>	\$ 143,930.00	\$ -	\$ 143,930.00
<b>Assigned (Capital Improvements)</b>	-	818,220	818,220
<b>Public Health Emergency Fund</b>	800,000	-	800,000
<b>Natural Disaster Emergency Fund</b>	650,000	-	650,000
<b>Real Property Acquisition Fund</b>	1,134,670	-	1,134,670
<b>Unrestricted Fund Balance</b>	5,848,747	-	5,848,747
<b>Total</b>	<b>\$ 8,577,347</b>	<b>\$ 818,220</b>	<b>\$ 9,395,567</b>

**Budget Variances**

**Revenues**

Actual revenues received through May 2022 were over budget by \$ 314,878 resulting from increased ERAF Rebate and Redevelopment Pass Through (\$ 259,628 ) and decreased Interest and Other Revenue (\$ 43,771), decreased Program Revenue (\$ 11,442), increased Grant Revenue (\$ 46,848), and increased Property Tax Revenue (\$ 63,615).



### Expenditures

Expenditures through May 2022 were under budget by \$ 1,469,890 primarily due to the timing of expenditures contained in the table below:

Budget Category	Over/ Under	Variance	% of YTD Budget	Explanation
Salaries & Wages	Under	\$264,587	89.7%	Timing of payroll and position vacancies
Employee Benefits	Over	\$18,875	102.4%	Workers Comp. higher then budget and timing of HRA Payments
Administration	Under	\$41,256	92.4%	Timing of professional and legal services
Capital Improvements	Under	\$1,115,059	87.4%	Timing of Capital purchases
Utilities	Under	\$26,190	68.8%	Timing of utility, phone, & mobile dev.
Operations	Over	\$18,747	109.1%	Timing of pesticide and other expenses
Computer Hardware & Software	Under	\$16,699	76.8%	Timing of Mapvision Licenses

The Board's budget level of control is at the category level, for example Salaries, Benefits, Admin., Operations, etc. The above table provides explanations for variances over \$15,000.

### Questions

Please direct all inquiries related to this financial reporting package to the District Manager, Brian Weber, before the board meeting to allow for adequate research. He can be reached at the District office at (650) 344-8592 or via email at [bweber@smcmvcd.org](mailto:bweber@smcmvcd.org).

### Approval

This month's financial statements are fairly presented. The District Manager and Finance Director approved all disbursements and the monthly bank reconciliation. A Board Officer and the District Manager signed all checks.



**Attachments:**

1. Statement of Financial Position/Balance Sheet
2. Statement of Revenues, Expenditures and Change in Fund Balance
3. Budget Variance Reports

Month

YTD

YTD compared with adopted budget

4. Accounts Receivable Aging Summary

On the May 2022 summary, accounts receivable outstanding greater than 90 days total is \$ 1,165 primarily consisting of amounts due San Francisco International Airport (\$ 1,020), and Silicon Valley Clean Water (\$145). Staff is actively pursuing collection activities.

5. Cash Activity & Reconciliation to County

The District's accounting system is fully reconciled with the County statement.

6. Payroll Disbursement

All payroll disbursements were made to employees and trustees for their monthly stipends. All employees were paid per District salary and wage schedule and longevity policies.

7. Check Detail

This month, the District wrote General Fund checks numbers from 21849 to 21918. Last month's check number ended at 21848. All checks written were to vendors on account, retired employees, or reimbursements to current employees, per District policy. In May 2022, 70 checks written from the General Fund totaled \$ 186,102.54. In addition, the District wrote 1 check from the Capital Fund totaling \$ 4,316.87 (check number 1083).

8. Purchase Card Report and Bank Statement

All card purchases for the month were from commercial vendors and met the District purchase card policy. A copy of the purchase card bank statement is attached. Also, descriptions of all purchases from Amazon are included in the attached detailed purchase card transactions report.

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San Mateo County Mosquito & Vector Control District  
 Balance Sheet  
 As of May 31, 2022

	Total May 31, 22	General Fund	Capital Fund
<b>ASSETS</b>			
<b>Current Assets</b>			
<b>Checking/Savings</b>			
1010 · Cash-County Treasury-GF x2706	7,854,000	7,854,000	
1015 · Checking -Union Bank - GF x9757	(41,719)	(41,719)	
1020 · Cash-County Treasury-CPF x2705	830,392		830,392
1025 · Checking -Union Bank - CPF x6913	-		-
1016 · County Funds - FMV	38,952	38,412	540
1030 · Petty Cash	310	310	
1035 · PARS Pension Rate Stabilization	125,133	125,133	
<b>Total Checking/Savings</b>	<b>8,807,068</b>	<b>7,976,136</b>	<b>830,932</b>
<b>Accounts Receivable</b>			
1100 · Accounts Receivable	43,538	43,538	
<b>Total Accounts Receivable</b>	<b>43,538</b>	<b>43,538</b>	<b>-</b>
<b>Other Current Assets</b>			
1220 · VCJPA-Member Contingency Fund	482,798	482,798	
1230 · Pesticide Inventory	155,369	155,369	
<b>Total Other Current Assets</b>	<b>638,167</b>	<b>638,167</b>	<b>-</b>
<b>Total Current Assets</b>	<b>9,488,774</b>	<b>8,657,841</b>	<b>830,932</b>
<b>TOTAL ASSETS</b>	<b>9,488,774</b>	<b>8,657,841</b>	<b>830,932</b>
<b>LIABILITIES &amp; FUND BALANCE</b>			
<b>Liabilities</b>			
<b>Current Liabilities</b>			
<b>Accounts Payable</b>			
2000 · Accounts Payable	89,426	76,714	12,712
<b>Total Accounts Payable</b>	<b>89,426</b>	<b>76,714</b>	<b>12,712</b>
<b>Credit Cards</b>			
1040 · US Bank Purchase Card	3,781	3,781	
<b>Total Credit Cards</b>	<b>3,781</b>	<b>3,781</b>	<b>-</b>
<b>Other Current Liabilities</b>			
<b>Total Other Current Liabilities</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Current Liabilities</b>	<b>93,207</b>	<b>80,495</b>	<b>12,712</b>
<b>Total Liabilities</b>	<b>93,207</b>	<b>80,495</b>	<b>12,712</b>
<b>Fund Balance</b>			
Beginning Fund Balance, 7/1/2021	11,282,647	10,260,379	1,022,269
Due To (From) Funds	-	(7,538,838)	7,538,838
Revenues Over Expenditures	(1,887,080)	5,855,806	(7,742,887)
<b>Ending Fund Balance *</b>	<b>9,395,567</b>	<b>8,577,347</b>	<b>818,220</b>
<b>TOTAL LIABILITIES &amp; FUND BALANCE</b>	<b>9,488,774</b>	<b>8,657,841</b>	<b>830,932</b>
<b>* COMPONENTS OF ENDING FUND BALANCE</b>			
Nonspendable (Inventory)	143,930	143,930	-
Assigned (Capital Improvements)	818,220	-	818,220
Public Health Emergency Fund	800,000	800,000	-
Natural Disaster Emergency Fund	650,000	650,000	-
Real Property Acquisiton Fund	1,134,670	1,134,670	-
Unrestricted Fund Balance (Includes Working Capital)	5,848,747	5,848,747	-
<b>Total Fund Balance</b>	<b>9,395,567</b>	<b>8,577,347</b>	<b>818,220</b>

Statement of Revenues, Expenditures Budget vs. Actual  
July 2021 through June 2022

Month of Report:  
May, 2022

GENERAL FUND:

Ordinary Revenues/Expenditures

Revenues

	Annual Budget	YTD Actual	Annual Variance	%	YTD Budget	YTD Variance	%	Monthly Budget	Monthly Actual	Monthly Variance	%
Total 4000 · PROGRAM REVENUES	2,345,910	2,272,649	(73,261)	96.9%	2,284,091	(11,442)	99.5%	181,943	207,097	25,154	113.8%
Total 4100 · PROPERTY TAX REVENUES	3,049,097	3,060,063	10,966	100.4%	2,996,448	63,615	102.1%	254,657	296,232	41,575	116.3%
Total 4200 · OTHER TAX REVENUES	690,000	854,074	164,074	123.8%	594,446	259,628	143.7%	-	114,260	114,260	0.0%
Total 4300 · OTHER REVENUES	4,085,968	3,902,394	(183,574)	95.5%	3,952,783	(50,389)	98.7%	89	169	80	190.4%
Total 4800 · GRANT REVENUE	44,450	91,298	46,848	205.4%	44,450	46,848	205.4%	-	-	-	

<b>Total Revenues</b>	<b>10,215,425</b>	<b>10,180,478</b>	<b>(34,947)</b>	<b>99.7%</b>	<b>9,872,218</b>	<b>308,260</b>	<b>103.1%</b>	<b>436,689</b>	<b>617,759</b>	<b>181,070</b>	<b>141.5%</b>
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Expenditures

Total 5000 · SALARIES & WAGES	2,861,515	2,295,032	566,483	80.2%	2,559,620	(264,588)	89.7%	222,871	211,758	(11,113)	95.0%
Total 5100 · EMPLOYEE BENEFITS	852,839	808,977	43,862	94.9%	790,102	18,875	102.4%	62,737	60,629	(2,108)	96.6%
Total 5200 · TRAINING - BOARD & STAFF	60,200	46,812	13,388	77.8%	57,933	(11,121)	80.8%	267	-	(267)	0.0%
Total 5300 · ADMINISTRATION	566,678	498,237	68,441	87.9%	539,493	(41,256)	92.4%	26,588	29,572	2,984	111.2%
Total 5400 · INSURANCE	125,282	125,230	53	100.0%	125,282	(53)	100.0%	-	-	-	0.0%
Total 5450 · COMPUTER HARDWARE & SOFTWARE	78,772	55,207	23,565	70.1%	71,906	(16,699)	76.8%	9,391	437	(8,954)	4.7%
Total 5500 · FACILITIES MAINTENANCE	48,175	43,014	5,161	89.3%	44,160	(1,146)	97.4%	4,015	(6,186)	(10,201)	-154.1%
Total 5550 · UTILITIES	91,519	57,703	33,816	63.1%	83,893	(26,190)	68.8%	7,626	6,612	(1,014)	86.7%
Total 5600 · FLEET MAINTENANCE	62,365	43,047	19,318	69.0%	57,168	(14,121)	75.3%	5,197	1,651	(3,546)	31.8%
Total 5700 · OPERATIONS	314,975	224,445	90,530	71.3%	205,698	18,747	109.1%	9,682	30,439	20,757	314.4%
Total 5800 · LABORATORY	77,900	67,863	10,037	87.1%	71,409	(3,546)	95.0%	6,491	9,291	2,800	143.1%
Total 5900 · PUBLIC OUTREACH	79,460	59,106	20,354	74.4%	72,838	(13,732)	81.1%	6,622	3,009	(3,613)	45.4%

Total 6500 · DEBT SERVICE	-	-	-	0.0%	-	-	0.0%	-	-	-	0.0%
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<b>Total Expenditures</b>	<b>5,219,680</b>	<b>4,324,671</b>	<b>(895,009)</b>	<b>82.9%</b>	<b>4,679,502</b>	<b>(354,831)</b>	<b>92.4%</b>	<b>361,487</b>	<b>347,212</b>	<b>(14,275)</b>	<b>96.1%</b>
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<b>General Fund Net Revenues Over Expenditures</b>	<b>4,995,745</b>	<b>5,855,806</b>	<b>860,061</b>		<b>5,192,716</b>	<b>663,090</b>		<b>75,202</b>	<b>270,547</b>	<b>195,345</b>	
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CAPITAL IMPROVEMENT FUND:

Total 6000 · CAPITAL IMPROVEMENTS REVENUE	-	6,618	(6,618)	0.0%	-	6,618	0.0%	-	-	-	0.0%
Total 6000 · CAPITAL IMPROVEMENTS EXPENDITURES	9,845,795	7,749,505	2,096,290	78.7%	8,864,564	(1,115,059)	87.4%	5,833	25,033	19,200	429.2%

<b>Capital Improvement Fund Net Revenue Over Expenditures</b>	<b>(9,845,795)</b>	<b>(7,742,887)</b>	<b>2,102,908</b>		<b>(8,864,564)</b>	<b>1,121,677</b>		<b>(5,833)</b>	<b>(25,033)</b>	<b>(19,200)</b>	
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**San Mateo County Mosquito & Vector Control District**  
**Statement of Revenues, Expenses & Changes- Budget vs. Actual**  
**May 2022**

	<u>May 22</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
<b>4000 · PROGRAM REVENUES</b>				
4010 · Service Abatement Revenue -2451	30,901.66	11,405.00	19,496.66	270.95%
4020 · Special Benefit Assessmnt-2031	135,437.33	130,915.00	4,522.33	103.45%
4030 · Special Mosquito Tax - 2439	40,757.83	39,623.00	1,134.83	102.86%
<b>Total 4000 · PROGRAM REVENUES</b>	<b>207,096.82</b>	<b>181,943.00</b>	<b>25,153.82</b>	<b>113.83%</b>
<b>4100 · PROPERTY TAX REVENUES</b>				
4105 · Current - Secured - 1021	269,154.42	238,455.00	30,699.42	112.87%
4110 · Current - Unsecured - 1031	0.00	0.00	0.00	0.0%
4120 · Current -Secured SB813-1041	20,780.69	11,774.00	9,006.69	176.5%
4130 · Prior Y. Unsecured SB813-1042	0.00	175.00	-175.00	0.0%
4140 · State Homeowner Prop-1831	3,593.25	4,253.00	-659.75	84.49%
4160 · Prior Year - 1043, 1045	2,703.61			
<b>Total 4100 · PROPERTY TAX REVENUES</b>	<b>296,231.97</b>	<b>254,657.00</b>	<b>41,574.97</b>	<b>116.33%</b>
<b>4200 · OTHER TAX REVENUES</b>				
4210 · ERAF Rebate-1046	0.00	0.00	0.00	0.0%
4220 · Redevelop Passthrough-1024,2647	114,260.32	0.00	114,260.32	100.0%
<b>Total 4200 · OTHER TAX REVENUES</b>	<b>114,260.32</b>	<b>0.00</b>	<b>114,260.32</b>	<b>100.0%</b>
<b>4300 · OTHER REVENUES</b>				
4310 · Interest Earned (Cnty GF+VCJPA)	0.00	0.00	0.00	0.0%
4311 · Interest Earned (Cnty Cap Fund)	0.00	0.00	0.00	0.0%
4322 · Capital Lease Financing	0.00	0.00	0.00	0.0%
4323 · Sublease	0.00	0.00	0.00	0.0%
4340 · VCJPA / Misc. Income -2658	169.46	89.00	80.46	190.4%
<b>Total 4300 · OTHER REVENUES</b>	<b>169.46</b>	<b>89.00</b>	<b>80.46</b>	<b>190.4%</b>
<b>4800 · GRANT REVENUE</b>				
4810 · Operating Grants	0.00	0.00	0.00	0.0%
<b>Total 4800 · GRANT REVENUE</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>
<b>Total Income</b>	<b>617,758.57</b>	<b>436,689.00</b>	<b>181,069.57</b>	<b>141.46%</b>
<b>Expense</b>				
<b>5000 · SALARIES &amp; WAGES</b>				
5010 · Permanent Employees	183,556.39	191,040.00	-7,483.61	96.08%
5015 · Limited Term Employees	14,394.00	14,394.00	0.00	100.0%
5020 · Seasonal Employees	12,208.00	15,420.00	-3,212.00	79.17%
5040 · Board Trustees Meeting Stipend	1,600.00	2,017.00	-417.00	79.33%
<b>Total 5000 · SALARIES &amp; WAGES</b>	<b>211,758.39</b>	<b>222,871.00</b>	<b>-11,112.61</b>	<b>95.01%</b>
<b>5100 · EMPLOYEE BENEFITS</b>				
5110 · Retirement - Employer Contribut	22,729.20	26,408.00	-3,678.80	86.07%
5115 · Retirement - Employee Contribut	0.00			
5116 · Alternate Retire-Employee Contr	0.00			
5125 · Actives - Medical Insurance	27,537.03	25,786.00	1,751.03	106.79%
5130 · Actives - HRA Health Reimb Acct	0.00	1,260.00	-1,260.00	0.0%
5135 · Actives - Dental Insurance	2,613.36	2,253.00	360.36	116.0%
5140 · Actives - Dental Reimbursement	0.00	300.00	-300.00	0.0%
5145 · Actives - Vision Insurance	484.08	481.00	3.08	100.64%
5160 · Retirees - HRA & Medical Reimb	1,106.06			

**San Mateo County Mosquito & Vector Control District**  
**Statement of Revenues, Expenses & Changes- Budget vs. Actual**  
**May 2022**

	<u>May 22</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
5165 · Long Term Disability - Standard	1,204.87	1,267.00	-62.13	95.1%
5170 · Actives - Other Benefits	0.00			
5175 · Social Security & Medicare Tax	3,901.95	3,815.00	86.95	102.28%
5180 · CA Unemployment/Disability Tax	1,052.48	1,167.00	-114.52	90.19%
5185 · Actives - Deferred Compensation	0.00			
<b>Total 5100 · EMPLOYEE BENEFITS</b>	<b>60,629.03</b>	<b>62,737.00</b>	<b>-2,107.97</b>	<b>96.64%</b>
<b>5200 · TRAINING - BOARD &amp; STAFF</b>				
5205 · Coastal Regional Continuing Ed.	0.00	0.00	0.00	0.0%
5210 · Conferences / Workshops Board	0.00	0.00	0.00	0.0%
5215 · Conferences / Workshops Staff	0.00	0.00	0.00	0.0%
5220 · Staff Training	0.00	267.00	-267.00	0.0%
<b>Total 5200 · TRAINING - BOARD &amp; STAFF</b>	<b>0.00</b>	<b>267.00</b>	<b>-267.00</b>	<b>0.0%</b>
<b>5300 · ADMINISTRATION</b>				
5305 · Board Meeting Expenses	0.00	292.00	-292.00	0.0%
5310 · Background / drug screening	350.89	85.00	265.89	412.81%
5315 · County Accounting Service Chgs	0.00	0.00	0.00	0.0%
5325 · HR & Finance Consultant	578.00	2,111.00	-1,533.00	27.38%
5330 · Memberships & Subscriptions	6,755.00	2,579.00	4,176.00	261.92%
5335 · Office Expense	164.54	1,555.00	-1,390.46	10.58%
5340 · Janitorial/Household Expense	2,479.69	1,994.00	485.69	124.36%
5345 · Prof. Services - Engineer Rpt	0.00	0.00	0.00	0.0%
5350 · Legal Services	6,402.00	6,250.00	152.00	102.43%
5360 · Permits	0.00	610.00	-610.00	0.0%
5375 · Audit	0.00	0.00	0.00	0.0%
5380 · Copier and postage	455.84	475.00	-19.16	95.97%
5385 · Security and fire alarm	444.87	775.00	-330.13	57.4%
5390 · Payroll Service	583.80	761.00	-177.20	76.72%
5395 · Bank Fees (County General Fund)	91.01	94.00	-2.99	96.82%
5396 · Bank Fees (County Capital Fund)	36.17	44.00	-7.83	82.21%
5399 · Facility Lease	11,266.19	8,963.00	2,303.19	125.7%
<b>Total 5300 · ADMINISTRATION</b>	<b>29,608.00</b>	<b>26,588.00</b>	<b>3,020.00</b>	<b>111.36%</b>
<b>5400 · INSURANCE</b>				
5410 · Liability Insurance - VCJPA	0.00	0.00	0.00	0.0%
<b>Total 5400 · INSURANCE</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>
<b>5450 · COMPUTER HARDWARE &amp; SOFTWARE</b>				
5455 · IT Consulting - Compu-Data	0.00	0.00	0.00	0.0%
5460 · Computer Hardware	0.00	6,675.00	-6,675.00	0.0%
5465 · Computer Software	28.75	924.00	-895.25	3.11%
5470 · Database & Mapping - License	0.00	1,413.00	-1,413.00	0.0%
5475 · Website Hosting / Microsoft	408.63	379.00	29.63	107.82%
<b>Total 5450 · COMPUTER HARDWARE &amp; SOFTWARE</b>	<b>437.38</b>	<b>9,391.00</b>	<b>-8,953.62</b>	<b>4.66%</b>
<b>5500 · FACILITIES MAINTENANCE</b>				
5505 · Facility - Repairs & Maint	-6,186.41	4,015.00	-10,201.41	-154.08%
<b>Total 5500 · FACILITIES MAINTENANCE</b>	<b>-6,186.41</b>	<b>4,015.00</b>	<b>-10,201.41</b>	<b>-154.08%</b>
<b>5550 · UTILITIES</b>				
5560 · Gas & Electricity - PG&E	1,002.66	2,376.00	-1,373.34	42.2%
5565 · Water	0.00	844.00	-844.00	0.0%

**San Mateo County Mosquito & Vector Control District**  
**Statement of Revenues, Expenses & Changes- Budget vs. Actual**  
**May 2022**

	<u>May 22</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
5570 · Phone - VOIP - Fusion/MegaPath	500.03	530.00	-29.97	94.35%
5575 · Phone - Land Line-AT&T/Comcast	338.61	1,233.00	-894.39	27.46%
5580 · Phone - Mobile Devices-Verizon	4,770.83	2,643.00	2,127.83	180.51%
<b>Total 5550 · UTILITIES</b>	<b>6,612.13</b>	<b>7,626.00</b>	<b>-1,013.87</b>	<b>86.71%</b>
<b>5600 · FLEET MAINTENANCE</b>				
5610 · Garage Tools	480.51	711.00	-230.49	67.58%
5615 · Garage Repairs Outside	0.00	622.00	-622.00	0.0%
5620 · Auto, Hotsy, Plug, Boat, Traile	1,115.75	1,910.00	-794.25	58.42%
5630 · Ops Equipment & Repairs	54.69	1,066.00	-1,011.31	5.13%
5635 · Vehicle Accident Insur Claims	0.00	888.00	-888.00	0.0%
<b>Total 5600 · FLEET MAINTENANCE</b>	<b>1,650.95</b>	<b>5,197.00</b>	<b>-3,546.05</b>	<b>31.77%</b>
<b>5700 · OPERATIONS</b>				
5705 · Pesticides	21,999.36	2,423.00	19,576.36	907.94%
5715 · Helicopter	0.00	0.00	0.00	0.0%
5720 · Safety Equipment	359.67	609.00	-249.33	59.06%
5725 · Apparel - Uniforms & Boots	1,150.23	1,288.00	-137.77	89.3%
5730 · Mosquito Fish	70.81	178.00	-107.19	39.78%
5735 · Fuel	6,858.58	5,184.00	1,674.58	132.3%
<b>Total 5700 · OPERATIONS</b>	<b>30,438.65</b>	<b>9,682.00</b>	<b>20,756.65</b>	<b>314.38%</b>
<b>5800 · LABORATORY</b>				
5805 · Disease Surveillance	3,411.57	1,000.00	2,411.57	341.16%
5810 · Sentinel Chicken Flocks/Supply	0.00	250.00	-250.00	0.0%
5815 · Mosquito Blood	316.00	317.00	-1.00	99.69%
5820 · Dry Ice	1,278.73	708.00	570.73	180.61%
5825 · Lab Supplies	516.57	708.00	-191.43	72.96%
5830 · Lab Biowaste Disposal	51.45	208.00	-156.55	24.74%
5835 · Lab Equip. Repair	281.74	167.00	114.74	168.71%
5840 · Lab Equip. Maintenance	450.00	300.00	150.00	150.0%
5845 · Lab PCR Supplies	2,984.94	2,250.00	734.94	132.66%
5850 · Lab PCR Maintenance	0.00	583.00	-583.00	0.0%
<b>Total 5800 · LABORATORY</b>	<b>9,291.00</b>	<b>6,491.00</b>	<b>2,800.00</b>	<b>143.14%</b>
<b>5900 · PUBLIC OUTREACH</b>				
5910 · Media and Network	3,008.70	5,791.00	-2,782.30	51.96%
5920 · Promotion & Printing	0.00	831.00	-831.00	0.0%
<b>Total 5900 · PUBLIC OUTREACH</b>	<b>3,008.70</b>	<b>6,622.00</b>	<b>-3,613.30</b>	<b>45.44%</b>
<b>6000 · CAPITAL IMPROVEMENTS</b>				
6010 · Building Improvements	9,793.00	0.00	9,793.00	100.0%
6020 · Equipment - Operations & Admin	10,886.75	0.00	10,886.75	100.0%
6030 · Vehicle Leases	4,316.87	5,833.00	-1,516.13	74.01%
<b>Total 6000 · CAPITAL IMPROVEMENTS</b>	<b>24,996.62</b>	<b>5,833.00</b>	<b>19,163.62</b>	<b>428.54%</b>
<b>Total Expense</b>	<b>372,244.44</b>	<b>367,320.00</b>	<b>4,924.44</b>	<b>101.34%</b>
<b>Net Ordinary Income</b>	<b>245,514.13</b>	<b>69,369.00</b>	<b>176,145.13</b>	<b>353.93%</b>
<b>Net Income</b>	<b>245,514.13</b>	<b>69,369.00</b>	<b>176,145.13</b>	<b>353.93%</b>

**San Mateo County Mosquito & Vector Control District**  
**Statement of Revenues, Expenses & Changes- Budget vs. Actual**  
 July 2021 through May 2022

	<u>Jul '21 - May 22</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
<b>4000 · PROGRAM REVENUES</b>				
4010 · Service Abatement Revenue -2451	192,093.70	216,969.00	-24,875.30	88.54%
4020 · Special Benefit Assessmnt-2031	1,600,958.19	1,589,969.00	10,989.19	100.69%
4030 · Special Mosquito Tax - 2439	479,596.71	477,153.00	2,443.71	100.51%
<b>Total 4000 · PROGRAM REVENUES</b>	<b>2,272,648.60</b>	<b>2,284,091.00</b>	<b>-11,442.40</b>	<b>99.5%</b>
<b>4100 · PROPERTY TAX REVENUES</b>				
4105 · Current - Secured - 1021	2,866,905.79	2,807,714.00	59,191.79	102.11%
4110 · Current - Unsecured - 1031	102,172.33	126,709.00	-24,536.67	80.64%
4115 · Prior Year - Unsecured - 1033	-527.30			
4120 · Current -Secured SB813-1041	80,081.96	51,271.00	28,810.96	156.19%
4130 · Prior Y. Unsecured SB813-1042	0.00	425.00	-425.00	0.0%
4140 · State Homeowner Prop-1831	8,726.47	10,329.00	-1,602.53	84.49%
4160 · Prior Year - 1043, 1045	2,703.61			
<b>Total 4100 · PROPERTY TAX REVENUES</b>	<b>3,060,062.86</b>	<b>2,996,448.00</b>	<b>63,614.86</b>	<b>102.12%</b>
<b>4200 · OTHER TAX REVENUES</b>				
4210 · ERAF Rebate-1046	616,578.17	465,000.00	151,578.17	132.6%
4220 · Redevelop Passthrough-1024,2647	237,495.85	129,446.00	108,049.85	183.47%
<b>Total 4200 · OTHER TAX REVENUES</b>	<b>854,074.02</b>	<b>594,446.00</b>	<b>259,628.02</b>	<b>143.68%</b>
<b>4300 · OTHER REVENUES</b>				
4310 · Interest Earned (Cnty GF+VCJPA)	19,041.82	96,348.00	-77,306.18	19.76%
4311 · Interest Earned (Cnty Cap Fund)	6,617.90	9,000.00	-2,382.10	73.53%
4322 · Capital Lease Financing	3,825,000.00	3,800,000.00	25,000.00	100.66%
4323 · Sublease	0.00	0.00	0.00	0.0%
4340 · VCJPA / Misc. Income -2658	58,352.28	47,435.00	10,917.28	123.02%
<b>Total 4300 · OTHER REVENUES</b>	<b>3,909,012.00</b>	<b>3,952,783.00</b>	<b>-43,771.00</b>	<b>98.89%</b>
<b>4800 · GRANT REVENUE</b>				
4810 · Operating Grants	91,298.00	44,450.00	46,848.00	205.4%
<b>Total 4800 · GRANT REVENUE</b>	<b>91,298.00</b>	<b>44,450.00</b>	<b>46,848.00</b>	<b>205.4%</b>
<b>Total Income</b>	<b>10,187,095.48</b>	<b>9,872,218.00</b>	<b>314,877.48</b>	<b>103.19%</b>
<b>Expense</b>				
<b>5000 · SALARIES &amp; WAGES</b>				
5010 · Permanent Employees	2,007,154.03	2,223,188.00	-216,033.97	90.28%
5015 · Limited Term Employees	166,970.40	166,970.00	0.40	100.0%
5020 · Seasonal Employees	103,889.05	147,275.00	-43,385.95	70.54%
5040 · Board Trustees Meeting Stipend	14,900.00	22,187.00	-7,287.00	67.16%
5050 · Vacation Accrual	2,118.60			
<b>Total 5000 · SALARIES &amp; WAGES</b>	<b>2,295,032.08</b>	<b>2,559,620.00</b>	<b>-264,587.92</b>	<b>89.66%</b>
<b>5100 · EMPLOYEE BENEFITS</b>				
5110 · Retirement - Employer Contribut	258,792.95	290,488.00	-31,695.05	89.09%
5115 · Retirement - Employee Contribut	0.00			
5116 · Alternate Retire-Employee Contr	0.00			
5125 · Actives - Medical Insurance	276,078.32	283,646.00	-7,567.68	97.33%
5130 · Actives - HRA Health Reimb Acct	13,232.00	13,860.00	-628.00	95.47%
5135 · Actives - Dental Insurance	29,163.42	24,783.00	4,380.42	117.68%
5140 · Actives - Dental Reimbursement	864.00	3,300.00	-2,436.00	26.18%
5145 · Actives - Vision Insurance	5,165.67	5,290.00	-124.33	97.65%

**San Mateo County Mosquito & Vector Control District**  
**Statement of Revenues, Expenses & Changes- Budget vs. Actual**  
 July 2021 through May 2022

	<u>Jul '21 - May 22</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
5155 · Retirees - HRA & Prescrip Reimb	4,435.78	0.00	4,435.78	100.0%
5160 · Retirees - HRA & Medical Reimb	32,710.72			
5165 · Long Term Disability - Standard	13,140.47	13,933.00	-792.53	94.31%
5170 · Actives - Other Benefits	0.00			
5175 · Social Security & Medicare Tax	41,713.89	41,969.00	-255.11	99.39%
5180 · CA Unemployment/Disability Tax	13,282.55	12,833.00	449.55	103.5%
5182 · Workers Compensation	120,397.00	100,000.00	20,397.00	120.4%
5185 · Actives - Deferred Compensation	0.00			
<b>Total 5100 · EMPLOYEE BENEFITS</b>	<b>808,976.77</b>	<b>790,102.00</b>	<b>18,874.77</b>	<b>102.39%</b>
<b>5200 · TRAINING - BOARD &amp; STAFF</b>				
5205 · Coastal Regional Continuing Ed.	6,062.00	2,000.00	4,062.00	303.1%
5210 · Conferences / Workshops Board	13,824.31	10,000.00	3,824.31	138.24%
5215 · Conferences / Workshops Staff	21,598.24	43,000.00	-21,401.76	50.23%
5220 · Staff Training	5,327.00	2,933.00	2,394.00	181.62%
<b>Total 5200 · TRAINING - BOARD &amp; STAFF</b>	<b>46,811.55</b>	<b>57,933.00</b>	<b>-11,121.45</b>	<b>80.8%</b>
<b>5300 · ADMINISTRATION</b>				
5305 · Board Meeting Expenses	2,052.99	3,208.00	-1,155.01	64.0%
5310 · Background / drug screening	1,444.76	940.00	504.76	153.7%
5315 · County Accounting Service Chgs	143,676.66	143,171.00	505.66	100.35%
5325 · HR & Finance Consultant	21,574.29	23,224.00	-1,649.71	92.9%
5330 · Memberships & Subscriptions	33,501.43	28,372.00	5,129.43	118.08%
5335 · Office Expense	9,355.61	17,101.00	-7,745.39	54.71%
5340 · Janitorial/Household Expense	22,604.03	21,933.00	671.03	103.06%
5345 · Prof. Services - Engineer Rpt	31,707.39	71,256.00	-39,548.61	44.5%
5350 · Legal Services	51,307.00	68,750.00	-17,443.00	74.63%
5355 · Property Tax Stormwater Assess	5,981.41	3,395.00	2,586.41	176.18%
5360 · Permits	8,017.00	6,705.00	1,312.00	119.57%
5370 · MVCAC Research	0.00	0.00	0.00	0.0%
5375 · Audit	29,025.00	29,213.00	-188.00	99.36%
5380 · Copier and postage	5,463.21	5,227.00	236.21	104.52%
5385 · Security and fire alarm	14,253.82	8,521.00	5,732.82	167.28%
5390 · Payroll Service	7,372.40	8,373.00	-1,000.60	88.05%
5395 · Bank Fees (County General Fund)	999.58	1,031.00	-31.42	96.95%
5396 · Bank Fees (County Capital Fund)	409.03	485.00	-75.97	84.34%
5399 · Facility Lease	109,900.71	98,588.00	11,312.71	111.48%
<b>Total 5300 · ADMINISTRATION</b>	<b>498,646.32</b>	<b>539,493.00</b>	<b>-40,846.68</b>	<b>92.43%</b>
<b>5400 · INSURANCE</b>				
5410 · Liability Insurance - VCJPA	91,973.00	86,967.00	5,006.00	105.76%
5415 · Auto Physical Damage	2,333.00	2,313.00	20.00	100.87%
5420 · Group Property Program	11,233.00	15,266.00	-4,033.00	73.58%
5425 · VCJPA - General Fund Allocation	5,307.00	7,662.00	-2,355.00	69.26%
5430 · Group Fidelity	6,331.00	6,831.00	-500.00	92.68%
5435 · Non-owned Aircraft	5,781.00	5,219.00	562.00	110.77%
5436 · Cyber Liability	2,271.50	1,024.00	1,247.50	221.83%
<b>Total 5400 · INSURANCE</b>	<b>125,229.50</b>	<b>125,282.00</b>	<b>-52.50</b>	<b>99.96%</b>
<b>5450 · COMPUTER HARDWARE &amp; SOFTWARE</b>				
5455 · IT Consulting - Compu-Data	6,883.90	12,600.00	-5,716.10	54.63%
5460 · Computer Hardware	21,622.83	20,027.00	1,595.83	107.97%

**San Mateo County Mosquito & Vector Control District**  
**Statement of Revenues, Expenses & Changes- Budget vs. Actual**  
 July 2021 through May 2022

	<u>Jul '21 - May 22</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
5465 · Computer Software	11,897.09	10,806.00	1,091.09	110.1%
5470 · Database & Mapping - License	6,090.00	20,220.00	-14,130.00	30.12%
5475 · Website Hosting / Microsoft	8,712.82	8,253.00	459.82	105.57%
<b>Total 5450 · COMPUTER HARDWARE &amp; SOFTWARE</b>	<b>55,206.64</b>	<b>71,906.00</b>	<b>-16,699.36</b>	<b>76.78%</b>
<b>5500 · FACILITIES MAINTENANCE</b>				
5505 · Facility - Repairs & Maint	43,013.72	44,160.00	-1,146.28	97.4%
<b>Total 5500 · FACILITIES MAINTENANCE</b>	<b>43,013.72</b>	<b>44,160.00</b>	<b>-1,146.28</b>	<b>97.4%</b>
<b>5550 · UTILITIES</b>				
5560 · Gas & Electricity - PG&E	20,501.33	26,139.00	-5,637.67	78.43%
5565 · Water	4,711.24	9,285.00	-4,573.76	50.74%
5570 · Phone - VOIP - Fusion/MegaPath	5,557.32	5,835.00	-277.68	95.24%
5575 · Phone - Land Line-AT&T/Comcast	4,646.62	13,567.00	-8,920.38	34.25%
5580 · Phone - Mobile Devices-Verizon	22,286.62	29,067.00	-6,780.38	76.67%
<b>Total 5550 · UTILITIES</b>	<b>57,703.13</b>	<b>83,893.00</b>	<b>-26,189.87</b>	<b>68.78%</b>
<b>5600 · FLEET MAINTENANCE</b>				
5610 · Garage Tools	7,757.12	7,817.00	-59.88	99.23%
5615 · Garage Repairs Outside	8,864.11	6,840.00	2,024.11	129.59%
5620 · Auto, Hotsy, Plug, Boat, Traile	15,007.08	21,011.00	-6,003.92	71.43%
5630 · Ops Equipment & Repairs	10,020.08	11,727.00	-1,706.92	85.45%
5635 · Vehicle Accident Insur Claims	1,398.33	9,773.00	-8,374.67	14.31%
<b>Total 5600 · FLEET MAINTENANCE</b>	<b>43,046.72</b>	<b>57,168.00</b>	<b>-14,121.28</b>	<b>75.3%</b>
<b>5700 · OPERATIONS</b>				
5705 · Pesticides	119,053.01	91,854.00	27,199.01	129.61%
5715 · Helicopter	29,716.50	34,006.00	-4,289.50	87.39%
5720 · Safety Equipment	4,359.51	6,694.00	-2,334.49	65.13%
5725 · Apparel - Uniforms & Boots	11,546.81	14,170.00	-2,623.19	81.49%
5730 · Mosquito Fish	2,597.37	1,954.00	643.37	132.93%
5735 · Fuel	57,172.12	57,020.00	152.12	100.27%
<b>Total 5700 · OPERATIONS</b>	<b>224,445.32</b>	<b>205,698.00</b>	<b>18,747.32</b>	<b>109.11%</b>
<b>5800 · LABORATORY</b>				
5805 · Disease Surveillance	7,018.58	11,000.00	-3,981.42	63.81%
5810 · Sentinel Chicken Flocks/Supply	2,985.26	2,750.00	235.26	108.56%
5815 · Mosquito Blood	3,380.10	3,483.00	-102.90	97.05%
5820 · Dry Ice	8,510.75	7,792.00	718.75	109.22%
5825 · Lab Supplies	5,280.08	7,792.00	-2,511.92	67.76%
5830 · Lab Biowaste Disposal	604.90	2,292.00	-1,687.10	26.39%
5835 · Lab Equip. Repair	1,571.69	1,833.00	-261.31	85.74%
5840 · Lab Equip. Maintenance	2,615.35	3,300.00	-684.65	79.25%
5845 · Lab PCR Supplies	26,092.04	24,750.00	1,342.04	105.42%
5850 · Lab PCR Maintenance	9,804.00	6,417.00	3,387.00	152.78%
<b>Total 5800 · LABORATORY</b>	<b>67,862.75</b>	<b>71,409.00</b>	<b>-3,546.25</b>	<b>95.03%</b>
<b>5900 · PUBLIC OUTREACH</b>				
5910 · Media and Network	51,457.34	63,697.00	-12,239.66	80.79%
5920 · Promotion & Printing	7,648.52	9,141.00	-1,492.48	83.67%
<b>Total 5900 · PUBLIC OUTREACH</b>	<b>59,105.86</b>	<b>72,838.00</b>	<b>-13,732.14</b>	<b>81.15%</b>
<b>6000 · CAPITAL IMPROVEMENTS</b>				
6005 · Real Estate Acquisition	7,543,113.25	7,800,000.00	-256,886.75	96.71%
6010 · Building Improvements	78,510.50	940,602.00	-862,091.50	8.35%

San Mateo County Mosquito & Vector Control District  
**Statement of Revenues, Expenses & Changes- Budget vs. Actual**  
 July 2021 through May 2022

	<b>Jul '21 - May 22</b>	<b>Budget</b>	<b>\$ Over Budget</b>	<b>% of Budget</b>
6020 · Equipment - Operations & Admin	86,252.36	34,795.00	51,457.36	247.89%
6025 · Software	0.00	25,000.00	-25,000.00	0.0%
6030 · Vehicle Leases	41,219.37	64,167.00	-22,947.63	64.24%
<b>Total 6000 · CAPITAL IMPROVEMENTS</b>	<b>7,749,095.48</b>	<b>8,864,564.00</b>	<b>-1,115,468.52</b>	<b>87.42%</b>
<b>Total Expense</b>	<b>12,074,175.84</b>	<b>13,544,066.00</b>	<b>-1,469,890.16</b>	<b>89.15%</b>
<b>Net Ordinary Income</b>	<b>-1,887,080.36</b>	<b>-3,671,848.00</b>	<b>1,784,767.64</b>	<b>51.39%</b>
<b>Net Income</b>	<b>-1,887,080.36</b>	<b>-3,671,848.00</b>	<b>1,784,767.64</b>	<b>51.39%</b>

**San Mateo County Mosquito & Vector Control District**  
**Profit & Loss Budget Performance**  
 July 1, 2021 through Jun 24, 2022

	Annual Budget	Jul 1, '21 - Jun 24, '22 Actual	Variance
<b>Ordinary Income/Expense</b>			
<b>Income</b>			
<b>4000 · PROGRAM REVENUES</b>			
4010 · Service Abatement Revenue -2451	237,258.00	192,093.70	45,164.30
4020 · Special Benefit Assessmnt-2031	1,622,508.00	1,600,958.19	21,549.81
4030 · Special Mosquito Tax - 2439	486,144.00	479,596.71	6,547.29
<b>Total 4000 · PROGRAM REVENUES</b>	<b>2,345,910.00</b>	<b>2,272,648.60</b>	<b>73,261.40</b>
<b>4100 · PROPERTY TAX REVENUES</b>			
4105 · Current - Secured - 1021	2,852,314.00	2,866,905.79	(14,591.79)
4110 · Current - Unsecured - 1031	126,709.00	102,172.33	24,536.67
4115 · Prior Year - Unsecured - 1033	-	(527.30)	527.30
4120 · Current -Secured SB813-1041	57,422.00	80,081.96	(22,659.96)
4130 · Prior Y. Unsecured SB813-1042	500.00	-	500.00
4140 · State Homeowner Prop-1831	12,152.00	8,726.47	3,425.53
4160 · Prior Year - 1043, 1045	-	2,703.61	(2,703.61)
<b>Total 4100 · PROPERTY TAX REVENUES</b>	<b>3,049,097.00</b>	<b>3,060,062.86</b>	<b>(10,965.86)</b>
<b>4200 · OTHER TAX REVENUES</b>			
4210 · ERAF Rebate-1046	465,000.00	616,578.17	(151,578.17)
4220 · Redevelop Passthrough-1024,2647	225,000.00	237,495.85	(12,495.85)
<b>Total 4200 · OTHER TAX REVENUES</b>	<b>690,000.00</b>	<b>854,074.02</b>	<b>(164,074.02)</b>
<b>4300 · OTHER REVENUES</b>			
4310 · Interest Earned (Cnty GF+VCJPA)	140,000.00	19,041.82	120,958.18
4311 · Interest Earned (Cnty Cap Fund)	12,000.00	6,617.90	5,382.10
4322 · Capital Lease Financing	3,800,000.00	3,825,000.00	(25,000.00)
4323 · Sublease	85,832.00	-	85,832.00
4340 · VCJPA / Misc. Income -2658	48,136.00	59,092.64	(10,956.64)
<b>Total 4300 · OTHER REVENUES</b>	<b>4,085,968.00</b>	<b>3,909,752.36</b>	<b>176,215.64</b>
<b>4800 · GRANT REVENUE</b>			
4810 · Operating Grants	44,450.00	91,298.00	(46,848.00)
<b>Total 4800 · GRANT REVENUE</b>	<b>44,450.00</b>	<b>91,298.00</b>	<b>(46,848.00)</b>
		-	-
<b>Total Income</b>	<b>10,215,425.00</b>	<b>10,187,835.84</b>	<b>27,589.16</b>
<b>Expense</b>			
<b>Payroll Expenses</b>			
<b>5000 · SALARIES &amp; WAGES</b>			
5010 · Permanent Employees	2,483,549.00	2,188,581.62	294,967.38
5015 · Limited Term Employees	187,122.00	181,364.40	5,757.60
5020 · Seasonal Employees	166,644.00	125,164.05	41,479.95
5040 · Board Trustees Meeting Stipend	24,200.00	16,200.00	8,000.00
5050 · Vacation Payouts	-	2,118.60	(2,118.60)
<b>Total 5000 · SALARIES &amp; WAGES</b>	<b>2,861,515.00</b>	<b>2,513,428.67</b>	<b>348,086.33</b>
<b>5100 · EMPLOYEE BENEFITS</b>			



**San Mateo County Mosquito & Vector Control District**  
**Profit & Loss Budget Performance**  
 July 1, 2021 through Jun 24, 2022

	Annual Budget	Jul 1, '21 - Jun 24, '22 Actual	Variance
5110 · Retirement - Employer Contribut	316,901.00	281,307.99	35,593.01
5115 · Retirement - Employee Contribut	-	-	-
5116 · Alternate Retire-Employee Contr	-	-	-
5120 · Retirement-Retiree Health	-	-	-
5125 · Actives - Medical Insurance	309,429.00	303,025.19	6,403.81
5130 · Actives - HRA Health Reimb Acct	15,120.00	25,832.00	(10,712.00)
5135 · Actives - Dental Insurance	27,034.00	31,672.22	(4,638.22)
5140 · Actives - Dental Reimbursement	3,600.00	864.00	2,736.00
5145 · Actives - Vision Insurance	5,771.00	5,165.67	605.33
5155 · Retirees - HRA & Prescrip Reimb	-	4,435.78	(4,435.78)
5160 · Retirees - HRA & Medical Reimb	-	44,473.98	(44,473.98)
5165 · Long Term Disability - Standard	15,200.00	13,140.47	2,059.53
5170 · Actives - Other Benefits	-	-	-
5175 · Social Security & Medicare Tax	45,784.00	46,255.66	(471.66)
5180 · CA Unemployment/Disability Tax	14,000.00	14,544.43	(544.43)
5182 · Workers Compensation	100,000.00	120,397.00	(20,397.00)
5185 · Actives - Deferred Compensation	-	-	-
<b>Total 5100 · EMPLOYEE BENEFITS</b>	<b>852,839.00</b>	<b>891,114.39</b>	<b>(38,275.39)</b>
<b>5200 · TRAINING - BOARD &amp; STAFF</b>			
5205 · Coastal Regional Continuing Ed.	4,000.00	6,062.00	(2,062.00)
5210 · Conferences / Workshops Board	10,000.00	13,824.31	(3,824.31)
5215 · Conferences / Workshops Staff	43,000.00	21,890.24	21,109.76
5220 · Staff Training	3,200.00	5,327.00	(2,127.00)
<b>Total 5200 · TRAINING - BOARD &amp; STAFF</b>	<b>60,200.00</b>	<b>47,103.55</b>	<b>13,096.45</b>
<b>5300 · ADMINISTRATION</b>			
5305 · Board Meeting Expenses	3,500.00	3,952.99	(452.99)
5310 · Background / drug screening	1,025.00	1,566.76	(541.76)
5315 · County Accounting Service Chgs	143,171.00	143,676.66	(505.66)
5325 · HR & Finance Consultant	25,335.00	21,880.29	3,454.71
5330 · Memberships & Subscriptions	30,951.00	33,501.43	(2,550.43)
5335 · Office Expense	18,656.00	10,538.61	8,117.39
5340 · Janitorial/Household Expense	23,927.00	22,674.56	1,252.44
5345 · Prof. Services - Engineer Rpt	71,853.00	31,707.39	40,145.61
5350 · Legal Services	75,000.00	51,307.00	23,693.00
5355 · Property Tax Stormwater Assess	3,395.00	5,981.41	(2,586.41)
5360 · Permits	7,315.00	8,017.00	(702.00)
5375 · Audit	29,213.00	38,974.50	(9,761.50)
5380 · Copier and postage	5,702.00	5,918.69	(216.69)
5385 · Security and fire alarm	9,296.00	11,528.82	(2,232.82)
5390 · Payroll Service	9,134.00	8,030.70	1,103.30
5395 · Bank Fees (County General Fund)	1,125.00	999.58	125.42
5396 · Bank Fees (County Capital Fund)	529.00	409.03	119.97
5399 · Facility Lease	107,551.00	121,131.59	(13,580.59)

**San Mateo County Mosquito & Vector Control District**  
**Profit & Loss Budget Performance**  
 July 1, 2021 through Jun 24, 2022

	Annual Budget	Jul 1, '21 - Jun 24, '22 Actual	Variance
<b>Total 5300 · ADMINISTRATION</b>	566,678.00	521,797.01	44,880.99
<b>5400 · INSURANCE</b>			
5410 · Liability Insurance - VCJPA	86,967.00	91,973.00	(5,006.00)
5415 · Auto Physical Damage	2,313.00	2,333.00	(20.00)
5420 · Group Property Program	15,266.00	11,233.00	4,033.00
5425 · VCJPA - General Fund Allocation	7,662.00	5,307.00	2,355.00
5430 · Group Fidelity	6,831.00	6,331.00	500.00
5435 · Non-owned Aircraft	5,219.00	5,781.00	(562.00)
5436 · Cyber Liability	1,024.00	2,271.50	(1,247.50)
5445 · Business Travel Accident Ins	-	-	-
<b>Total 5400 · INSURANCE</b>	125,282.00	125,229.50	52.50
<b>5450 · COMPUTER HARDWARE &amp; SOFTWARE</b>			
5455 · IT Consulting - Compu-Data	16,800.00	7,163.90	9,636.10
5460 · Computer Hardware	20,027.00	21,622.83	(1,595.83)
5465 · Computer Software	11,686.00	11,897.09	(211.09)
5470 · Database & Mapping - License	21,630.00	6,090.00	15,540.00
5475 · Website Hosting / Microsoft	8,629.00	9,082.82	(453.82)
<b>Total 5450 · COMPUTER HARDWARE &amp; SOFTWARE</b>	78,772.00	55,856.64	22,915.36
<b>5500 · FACILITIES MAINTENANCE</b>			
5505 · Facility - Repairs & Maint	48,175.00	47,482.38	692.62
<b>Total 5500 · FACILITIES MAINTENANCE</b>	48,175.00	47,482.38	692.62
<b>5550 · UTILITIES</b>			
5560 · Gas & Electricity - PG&E	28,515.00	20,501.33	8,013.67
5565 · Water	10,129.00	4,711.24	5,417.76
5570 · Phone - VOIP - Fusion/MegaPath	6,365.00	6,057.37	307.63
5575 · Phone - Land Line-AT&T/Comcast	14,800.00	4,985.23	9,814.77
5580 · Phone - Mobile Devices-Verizon	31,710.00	22,286.62	9,423.38
<b>Total 5550 · UTILITIES</b>	91,519.00	58,541.79	32,977.21
<b>5600 · FLEET MAINTENANCE</b>			
5610 · Garage Tools	8,528.00	7,757.12	770.88
5615 · Garage Repairs Outside	7,462.00	8,864.11	(1,402.11)
5620 · Auto, Hotsy, Plug, Boat, Traile	22,921.00	16,278.14	6,642.86
5630 · Ops Equipment & Repairs	12,793.00	10,115.43	2,677.57
5635 · Vehicle Accident Insur Claims	10,661.00	1,398.33	9,262.67
<b>Total 5600 · FLEET MAINTENANCE</b>	62,365.00	44,413.13	17,951.87
<b>5700 · OPERATIONS</b>			
5705 · Pesticides	191,889.00	134,915.81	56,973.19
5715 · Helicopter	35,989.00	29,716.50	6,272.50
5720 · Safety Equipment	7,303.00	4,549.47	2,753.53
5725 · Apparel - Uniforms & Boots	15,458.00	11,816.96	3,641.04
5730 · Mosquito Fish	2,132.00	2,619.31	(487.31)
5735 · Fuel	62,204.00	61,921.05	282.95

**San Mateo County Mosquito & Vector Control District**  
**Profit & Loss Budget Performance**  
 July 1, 2021 through Jun 24, 2022

	Annual Budget	Jul 1, '21 - Jun 24, '22 Actual	Variance
<b>Total 5700 · OPERATIONS</b>	314,975.00	245,539.10	69,435.90
<b>5800 · LABORATORY</b>			
5805 · Disease Surveillance	12,000.00	7,068.54	4,931.46
5810 · Sentinel Chicken Flocks/Supply	3,000.00	2,985.26	14.74
5815 · Mosquito Blood	3,800.00	3,696.10	103.90
5820 · Dry Ice	8,500.00	9,037.78	(537.78)
5825 · Lab Supplies	8,500.00	6,697.61	1,802.39
5830 · Lab Biowaste Disposal	2,500.00	604.90	1,895.10
5835 · Lab Equip. Repair	2,000.00	1,571.69	428.31
5840 · Lab Equip. Maintenance	3,600.00	2,615.35	984.65
5845 · Lab PCR Supplies	27,000.00	26,092.04	907.96
5850 · Lab PCR Maintenance	7,000.00	9,804.00	(2,804.00)
<b>Total 5800 · LABORATORY</b>	77,900.00	70,173.27	7,726.73
<b>5900 · PUBLIC OUTREACH</b>			
5910 · Media and Network	69,488.00	61,473.34	8,014.66
5920 · Promotion & Printing	9,972.00	9,267.52	704.48
<b>Total 5900 · PUBLIC OUTREACH</b>	79,460.00	70,740.86	8,719.14
<b>6000 · CAPITAL IMPROVEMENTS</b>			
6005 · Real Estate Acquisition	7,800,000.00	7,543,113.25	256,886.75
6010 · Building Improvements	1,881,205.00	83,060.50	1,798,144.50
6020 · Equipment - Operations & Admin	69,590.00	86,252.36	(16,662.36)
6025 · Software	25,000.00	-	25,000.00
6030 · Vehicle Leases	70,000.00	79,130.45	(9,130.45)
6035 · Vehicle Purchases	-	-	-
<b>Total 6000 · CAPITAL IMPROVEMENTS</b>	9,845,795.00	7,791,556.56	2,054,238.44
<b>6500 · DEBT SERVICE</b>			
6510 · Principal Payments	-	-	-
6520 · Interest Payments	-	-	-
<b>Total 6500 · DEBT SERVICE</b>	-	-	-
<b>Total Expense</b>	15,065,475.00	12,482,976.85	2,582,498.15
<b>Net Ordinary Income</b>	(4,850,050.00)	(2,295,141.01)	(2,554,908.99)

**San Mateo County Mosquito & Vector Control District**  
**A/R Aging Summary**  
 As of May 31, 2022

05/31/2022

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
City of Foster City	5,622.90	0.00	127.88	0.00	0.00	5,750.78
City of Pacifica Public Works Wastewater	0.00	0.00	70.51	0.00	0.00	70.51
City of Redwood City, Public Works	4,445.50	0.00	2,139.55	0.00	0.00	6,585.05
City of San Francisco, Parks	0.00	0.00	7,245.80	707.81	0.00	7,953.61
City of San Francisco, Public Utilities	403.86	0.00	0.00	0.00	0.00	403.86
City of San Mateo, Public Works	18,659.00	0.00	0.00	0.00	0.00	18,659.00
City of San Mateo, Wastewater Treatment	144.42	0.00	0.00	0.00	0.00	144.42
City of South San Francisco Water Quality	191.00	0.00	95.50	0.00	0.00	286.50
San Francisco Int'l Airport	1,065.09	0.00	763.40	0.00	1,020.29	2,848.78
Sewer Authority Mid-Coastside	70.51	0.00	0.00	0.00	0.00	70.51
Silicon Valley Clean Water	299.38	0.00	321.21	0.00	144.42	765.01
<b>TOTAL</b>	<b><u>30,901.66</u></b>	<b><u>0.00</u></b>	<b><u>10,763.85</u></b>	<b><u>707.81</u></b>	<b><u>1,164.71</u></b>	<b><u>43,538.03</u></b>

**San Mateo County Mosquito & Vector Control District**  
**A/R Aging Summary**  
 As of June 24, 2022

06/24/2022

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
City of Pacifica Public Works Wastewater	0.00	0.00	70.51	0.00	0.00	70.51
City of Redwood City, Public Works	0.00	4,445.50	2,139.55	0.00	0.00	6,585.05
City of San Francisco, Parks	0.00	0.00	7,245.80	707.81	0.00	7,953.61
City of San Francisco, Public Utilities	0.00	403.86	0.00	0.00	0.00	403.86
City of San Mateo, Wastewater Treatment	0.00	144.42	0.00	0.00	0.00	144.42
San Francisco Int'l Airport	0.00	1,065.09	763.40	0.00	1,020.29	2,848.78
Sewer Authority Mid-Coastside	0.00	70.51	0.00	0.00	0.00	70.51
Silicon Valley Clean Water	0.00	299.38	0.00	0.00	144.42	443.80
<b>TOTAL</b>	<b><u>0.00</u></b>	<b><u>6,428.76</u></b>	<b><u>10,219.26</u></b>	<b><u>707.81</u></b>	<b><u>1,164.71</u></b>	<b><u>18,520.54</u></b>

**San Mateo County Mosquito and Vector Control District**  
**Cash Activity & Reconciliation to County Statement**  
**General Fund**  
**May 31, 2022**

<b>GF-May</b> <b>2022</b>
------------------------------

**Beginning Cash per District as of Apr 30, 2022** 7,581,331

<b>Reductions</b>	
Payroll Related (ADP)	(182,173)
Checks Written	(186,103)
Bank Fee	(91)
<b>Total Reductions</b>	<b>(368,367)</b>

<b>Additions</b>	
Transfer-In from Capital Fund	7,968
Abatement Services	3,765
Property Tax Revenue	296,232
ERAF Rebate	-
RDA/RPTTF	114,260
Special Benefit Assessment	135,437
Special Mosquito Tax	40,758
Misc Deposits	897
<b>Total Additions</b>	<b>599,318</b>

**Ending Cash per District as of May 31, 2022** 7,812,282

**Cash per County General Fund Statement** 7,812,282

Difference -

COUNTY OF SAN MATEO      Verbose      [D E T A I L E D    T R I A L    B A L A N C E]      05/01/2022-05/31/2022      Page 2  
 FRI, JUN 10, 2022, 12:56 PM --req: VALENCIR--leg: GL JL--loc: CONTROL---job:15458369 J1751---prog: GL501 <1.86>--report id: GLTBAL01

SORT ORDER: SUB ACCT within SUB UNIT

SELECT ORG SUB UNIT: 02705-02706

Lg SUB UNIT Title	Director	St Tr	FDGP	FUND	SUB FUND	DEPT	DIVISION	SECTION	PROGRAM	BUDGET
GL 02706 County Mosquito Abatemen	Controller	A	07	02706	02706	00140	00000	00000	00000	00000
<b>SUB ACCT</b>		<b>Date</b>	<b>Primary Ref.</b>	<b>Transaction Description</b>		<b>Debit</b>	<b>Credit</b>	<b>Balance</b>		
0111 Claim on Cash				Prior to 05/01/22		15,332,475.05	7,751,144.47	7,581,330.58		
		05/12/22	HOE5122	AutoID: ITX512A2 Job: 15379 JE		3,593.25	0.00	7,584,923.83		
		05/18/22	SPR5182	AutoID: ITX518B2 Job: 15405 JE		2,547.48	0.00	7,587,471.31		
		05/18/22	JE519110	AutoID: JQB518A2 Job: 15414 JE		0.00	91.01	7,587,380.30		
		05/21/22	RJ15CFT2	Daily Cash Float Tsfr-Op Fd JE		4,662.27	0.00	7,592,042.57		
		05/23/22	SPP5232	AutoID: ITX523A2 Job: 15405 JE		156.13	0.00	7,592,198.70		
		05/24/22	JE519473	AutoID: JTT524B2 Job: 15432 JE		91.57	0.00	7,592,290.27		
		05/24/22	JE519423	AutoID: JTT524A2 Job: 15443 JE		16,033.20	0.00	7,608,323.47		
		05/31/22	UNR5312	AutoID: ITX531H2 Job: 15428 JE		267.75	0.00	7,608,591.22		
		05/31/22	SPS5312	AutoID: ITX531I2 Job: 15428 JE		20,780.69	0.00	7,629,371.91		
		05/31/22	SEC5312	AutoID: ITX531W2 Job: 15432 JE		440,885.36	0.00	8,070,257.27		
		05/31/22	UNC5312	AutoID: ITX531U2 Job: 15432 JE		4,196.47	0.00	8,074,453.74		
		05/31/22	ABX5312K	AutoID: ITX531C2 Job: 15439 JE		98,165.41	0.00	8,172,619.15		
		05/31/22	JE519797	AutoID: JRV531B2 Job: 15443 JE		0.00	368,275.54	7,804,343.61		
		05/31/22	ABX5312K	AutoID: ITX531F2 Job: 15447 JE		14.23	0.00	7,804,357.84		
		05/31/22	JE519391	AutoID: JYA523C2 Job: 15452 JE		0.00	44.09	7,804,313.75		
		05/31/22	JE519925	AutoID: JRV601A2 Job: 15454 JE		7,968.00	0.00	7,812,281.75		
			DR	<b>* SUB ACCT Total *</b>		<b>15,931,836.86*</b>	<b>8,119,555.11*</b>	<b>7,812,281.75*</b>		

San Mateo County Mosquito and Vector Control District  
 Cash Activity & Reconciliation to County Statement  
 Capital Project Fund  
 May 31, 2022

<b>CPF-May 2022</b>
-------------------------

<b>Beginning Cash per District as of Apr 30, 2022</b>	842,713
<b>Reductions</b>	
Checks Written	(4,317)
Bank Fee	(36)
Transfer-Out to General Fund	(7,968)
<b>Total Reductions</b>	<u>(12,321)</u>
<b>Additions</b>	
Quarterly Interest	-
Transfer-In from General Fund	-
<b>Total Additions</b>	<u>-</u>
<b>Ending Cash per District as of May 31, 2022</b>	<u><u>830,392</u></u>
<b>Cash per County Capital Project Fund Statement</b>	830,392
Difference	-

COUNTY OF SAN MATEO      Verbose      [D E T A I L E D   T R I A L   B A L A N C E]      05/01/2022-05/31/2022      Page 1  
 FRI, JUN 10, 2022, 12:56 PM --req: VALENCIR--leg: GL JL--loc: CONTROL---job:15458369 J1751---prog: GL501 <1.86>--report id: GLTBAL01

SORT ORDER: SUB ACCT within SUB UNIT

SELECT ORG SUB UNIT: 02705-02706

Lg SUB UNIT Title	Director	St Tr	FDGP	FUND	SUB FUND	DEPT	DIVISION	SECTION	PROGRAM	BUDGET
=====										
GL 02705 SMC Mosq Abate-CP Proj	F Controller	A	07	02705	02705	00140	00000	00000	00000	00000
=====										
SUB ACCT	Date	Primary Ref.	Transaction Description	Debit	Credit	Balance				
=====										
0111 Claim on Cash			Prior to 05/01/22	1,052,638.29	209,925.02	842,713.27				
	05/18/22	JE519110	AutoID: JQB518A2 Job: 15414 JE	0.00	36.17	842,677.10				
	05/31/22	JE519797	AutoID: JRV531B2 Job: 15443 JE	0.00	4,316.87	838,360.23				
	05/31/22	JE519925	AutoID: JRV601A2 Job: 15454 JE	0.00	7,968.00	830,392.23				
	DR		* SUB ACCT Total *	1,052,638.29*	222,246.06*	830,392.23*				

**San Mateo County Mosquito and Vector Control District**  
**ADP Payroll Disbursement**  
**May 31, 2022**

<b>May 2022</b>
---------------------

	<b>May 13, 2022</b>	<b>May 27, 2022</b>	
<b>Payroll ACH Disbursement (including Net Pay &amp; Taxes )</b>			
Total Net Pay	66,944	68,400	
Federal W/H Tax	12,385	12,488	
Social Security Tax	622	1,090	← A
Medicare	3,022	3,070	
CA W/H Tax	5,094	5,112	
CA SUI/DI	1,654	1,709	
<b>Total</b>	<b>89,720</b>	<b>91,869</b>	
<b>ADP Process Fee PPE 4/9/22 &amp; 4/23/22</b>	<b>240</b>	<b>233</b>	
<b>ADP Time &amp; Attend Processing Chrg</b>	<b>-</b>	<b>110</b>	
<b>Total amount for the period</b>	<b>89,961</b>	<b>92,212</b>	
<b>Total amount for the month:</b>		<b>182,173</b>	

**Footnotes:**

A. Social Security expenditure incurred for seasonal employees and Trustees stipends

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<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Original Amount</u>
21849	05/06/2022	Charles P. Hansen	Retiree Health Insurance Reimb-May '22	1015 · Checking -Union Bank - GF x9757	-553.03
05012022	05/01/2022		Retiree Health Insurance Reimb-May '22	5160 · Retirees - HRA & Medical Reimb	553.03
TOTAL					553.03
21850	05/06/2022	Dennis J Jewell	Retiree Health Insurance Reimb-May '22	1015 · Checking -Union Bank - GF x9757	-553.03
05012022	05/01/2022		Retiree Health Insurance Reimb-May '22	5160 · Retirees - HRA & Medical Reimb	553.03
TOTAL					553.03
21851	05/06/2022	San Mateo County Retirement Assoc SM M.A.D.		1015 · Checking -Union Bank - GF x9757	-19,834.80
04232022	04/23/2022		Employee Contribution Pay Period 04/10/2022-04/23/2022	5115 · Retirement - Employee Contribut	8,220.35
			Employer Contribution Pay Period 04/10/2022-04/23/2022	5110 · Retirement - Employer Contribut	11,614.45
			Adjust for Eric Eckstein	5115 · Retirement - Employee Contribut	-0.01
			Adjust for Eric Eckstein	5110 · Retirement - Employer Contribut	0.01
TOTAL					19,834.80
21852	05/06/2022	U.S. Bank PARS Account # 67460224	Agency Name: San Mateo County Mosquito & Vector Control PPE 04/23/2022	1015 · Checking -Union Bank - GF x9757	-539.78
6746022400-PP4-23	04/23/2022		Alternate Retirement System for Richard Arrow PPE 04/23/2022	5116 · Alternate Retire-Employee Contr	539.78
TOTAL					539.78
21853	05/06/2022	ADP Screening & Selection Services Billing A/C: 1466165-8		1015 · Checking -Union Bank - GF x9757	-45.17
1466165-04-2022	04/25/2022		Background check for Seasonal Lab Asst	5310 · Background / drug screening	45.17
TOTAL					45.17
21854	05/06/2022	Aim To Please Janitorial Services	Invoice #46 - Apr 2022	1015 · Checking -Union Bank - GF x9757	-1,200.00
47	04/29/2022		1351 Rollins Janitorial Services-Apr 2022	5340 · Janitorial/Household Expense	1,200.00
TOTAL					1,200.00
21855	05/06/2022	Airgas Dry Ice	QAC40	1015 · Checking -Union Bank - GF x9757	-495.83
9124949626	04/19/2022		Dry Ice (250 lbs)	5820 · Dry Ice	247.79
9125193971	04/26/2022		Dry Ice (250 lbs)	5820 · Dry Ice	248.04



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<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Original Amount</u>
TOTAL					495.83
<b>21856</b>	<b>05/06/2022</b>	<b>Amazon Capital Services</b>	<b>Account # ARX6UTA334C06</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-3,617.59</b>
167J-66PT-1C39	05/01/2022		iPhone cases	5335 · Office Expense	151.24
			Shop tools	5610 · Garage Tools	410.48
			Fleet maint supply	5620 · Auto, Hotsy, Plug, Boat, Traile	500.33
			Trail cam batteries	5630 · Ops Equipment & Repairs	54.69
			Safety supplies	5720 · Safety Equipment	92.26
			Work boots for Seasonals	5725 · Apparel - Uniforms & Boots	427.14
			Fish pond salt	5730 · Mosquito Fish	70.81
			Lab supplies	5825 · Lab Supplies	422.25
			Books and outreach materials	5910 · Media and Network	1,488.39
TOTAL					3,617.59
<b>21857</b>	<b>05/06/2022</b>	<b>American Fidelity Assurance Compa Payor: 56840</b>		<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-1,553.82</b>
6050960	05/04/2022		Flexible Spending Account (Employee Contrib)	5170 · Actives - Other Benefits	1,553.82
TOTAL					1,553.82
<b>21858</b>	<b>05/06/2022</b>	<b>Angie Nakano</b>	<b>Reimb Noah's Bagels-Staff meeting</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-57.48</b>
Reimb4-25-22	04/25/2022		Reimb Noah's Bagels-Staff meeting	5335 · Office Expense	57.48
TOTAL					57.48
<b>21859</b>	<b>05/06/2022</b>	<b>Bay Alarm</b>	<b>A/C #4843626; Inv# 19533532</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-525.00</b>
19533532	04/15/2022		Security Alarm Monitoring 05/01/2022-07/31/2022 (1415 N Carolan Ave)	5385 · Security and fire alarm	525.00
TOTAL					525.00
<b>21860</b>	<b>05/06/2022</b>	<b>Black Mountain Properties, LLC</b>	<b>Acct. t0000505 San Mateo County-1323 Rollins Rd., Burlingame</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-72.62</b>
05/01/22 PGE	04/22/2022		PG&E 2/28-3/28/2022	5399 · Facility Lease	72.62
TOTAL					72.62
<b>21861</b>	<b>05/06/2022</b>	<b>Cintas Corporation #464</b>	<b>Payer #15914933</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-594.07</b>
15914933 Apr2022	04/30/2022		Uniform Services 04/06/22 Inv #4115611593	5725 · Apparel - Uniforms & Boots	154.95

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Num	Date	Name	Memo	Account	Original Amount
			Uniform Services 04/13/22 Inv #4116313434	5725 · Apparel - Uniforms & Boots	136.41
			Uniform Services 04/20/22 Inv #4116985956	5725 · Apparel - Uniforms & Boots	142.98
			Uniform Services 04/27/22 Inv #4117663319	5725 · Apparel - Uniforms & Boots	159.73
TOTAL					594.07
<b>21862</b>	<b>05/06/2022</b>	<b>Colorprint</b>		<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-2,136.61</b>
29861	04/01/2022		Airboat and drone signs	5920 · Promotion & Printing	544.97
29850	04/01/2022		Larva stickers (1,000 sheets)	5805 · Disease Surveillance	178.83
29841	04/08/2022		District business card magnet (Qty: 3,500)	5910 · Media and Network	1,245.96
29837	04/11/2022		Gift labels (1,000 sheets)	5920 · Promotion & Printing	166.85
TOTAL					2,136.61
<b>21863</b>	<b>05/06/2022</b>	<b>Comcast</b>	<b>A/C #8155200280283815</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-164.33</b>
8155200280283815I	05/03/2022		Business Internet 05/08/22-06/07/22 (1351 Rollins)	5575 · Phone - Land Line-AT&T/Comcast	164.33
TOTAL					164.33
<b>21864</b>	<b>05/06/2022</b>	<b>Custom Metal Manufacturing</b>	<b>Invoice #5796</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-2,746.88</b>
5796	04/19/2022		Table frames for lobby displays (5) PO#02706-1802	5910 · Media and Network	2,746.88
TOTAL					2,746.88
<b>21865</b>	<b>05/06/2022</b>	<b>De Martini / Arnott Painting Co., Inc.</b>	<b>SMCMVCD Lobby &amp; PR Off Walls</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-820.00</b>
04282022	04/28/2022		Entry lobby & PR office walls	5505 · Facility - Repairs & Maint	820.00
TOTAL					820.00
<b>21866</b>	<b>05/06/2022</b>	<b>Eco Medical Inc.</b>	<b>Invoice #11955</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-51.45</b>
11955	04/30/2022		Bio-waste container pick-up - Apr 2022	5830 · Lab Biowaste Disposal	49.00
			Temporary Fuel Charge 5%	5830 · Lab Biowaste Disposal	2.45
TOTAL					51.45
<b>21867</b>	<b>05/06/2022</b>	<b>Electro-Optix, Inc.</b>	<b>Invoice #4817523</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-677.70</b>
4817523	04/20/2022		5X Aspheric Round Handle Magnifier (30)	5910 · Media and Network	677.70
TOTAL					677.70

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21868	05/06/2022	Eppendorf North America, Inc.	Customer #4100002587	1015 · Checking -Union Bank - GF x9757	-61.65
4001175905	04/26/2022		Seal for Centrifuge Rotor	5840 · Lab Equip. Maintenance	61.65
TOTAL					61.65
21869	05/06/2022	Fastenal Company	Cust No. CAS180583	1015 · Checking -Union Bank - GF x9757	-69.48
CAS1836711	04/14/2022		Electrical crimp connectors	5620 · Auto, Hotsy, Plug, Boat, Traile	69.48
TOTAL					69.48
21870	05/06/2022	Flyers Energy, LLC	Account 700895	1015 · Checking -Union Bank - GF x9757	-2,689.99
CFS-2982710	04/30/2022		Fuels 04/16/2022-04/30/2022	5735 · Fuel	2,689.99
TOTAL					2,689.99
21871	05/06/2022	Grainger	809934680	1015 · Checking -Union Bank - GF x9757	-1,051.53
7099910452	04/05/2022		Building maint supplies	5505 · Facility - Repairs & Maint	116.42
			CB Jeeps sprayer valves	5620 · Auto, Hotsy, Plug, Boat, Traile	216.52
			Bva Tank plumbing parts	5705 · Pesticides	179.71
			Wasp & hornet sprays	5705 · Pesticides	191.81
			Ops safety supplies	5720 · Safety Equipment	326.71
			Mos fish room suuply	5730 · Mosquito Fish	20.36
TOTAL					1,051.53
21872	05/06/2022	Hashir Products, Inc.	Invoice #05-2304	1015 · Checking -Union Bank - GF x9757	-4,999.75
#1	03/14/2022		Tick removal tweezers (1,900)	5910 · Media and Network	4,999.75
TOTAL					4,999.75
21873	05/06/2022	Izmirian Roofing and Sheet Metal	Customer #20123	1015 · Checking -Union Bank - GF x9757	-7,380.00
11340	04/27/2022		Repair roof leak above locker room in fish bldg. (PO#02706-1787)	5505 · Facility - Repairs & Maint	7,380.00
TOTAL					7,380.00
21874	05/06/2022	James Barry	Inv #141946	1015 · Checking -Union Bank - GF x9757	-140.00

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141946	04/22/2022		Fish pond maintenance	5505 · Facility - Repairs & Maint	140.00
TOTAL					140.00
<b>21875</b>	<b>05/06/2022</b>	<b>O'Reilly Automotive, Inc.</b>	<b>Customer #1275593</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-372.58</b>
2581-411493	04/28/2022		Fluid and oil for fleet maintenance	5620 · Auto, Hotsy, Plug, Boat, Traile	372.58
TOTAL					372.58
<b>21876</b>	<b>05/06/2022</b>	<b>Occupational Health Centers of California</b>		<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-174.00</b>
75070929	04/20/2022		Drug test for Seasonal Lab Asst	5310 · Background / drug screening	61.00
75145588	05/05/2022		Respirator Fit Test Qualitative (Justin)	5720 · Safety Equipment	113.00
TOTAL					174.00
<b>21877</b>	<b>05/06/2022</b>	<b>Quench USA, Inc.</b>		<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-410.00</b>
INV03870795	04/01/2022		Water Dispenser Rental - Apr 2022	5335 · Office Expense	205.00
INV03955246	05/01/2022		Water Dispenser Rental - May 2022	5335 · Office Expense	205.00
TOTAL					410.00
<b>21878</b>	<b>05/06/2022</b>	<b>Rachel Curtis</b>	<b>Reimb outreach supply purchases</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-94.84</b>
ReimbExp4-28-2022	04/28/2022		Reimb outreach supply purchases	5910 · Media and Network	94.84
TOTAL					94.84
<b>21879</b>	<b>05/06/2022</b>	<b>Recology San Mateo County</b>	<b>A/C #731001072</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-456.00</b>
45685765	04/28/2022		Garbage Service - Apr 2022	5340 · Janitorial/Household Expense	456.00
TOTAL					456.00
<b>21880</b>	<b>05/06/2022</b>	<b>Regional Government Services</b>	<b>Inv #13058</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-127.00</b>
13353	03/31/2022		Mar '22-HR consulting to date \$14,431 against NTE of \$20k (1.27hr)	5325 · HR & Finance Consultant	127.00
TOTAL					127.00
<b>21881</b>	<b>05/06/2022</b>	<b>Spark Creative Design</b>	<b>Inv #2571</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-995.00</b>
2571	04/12/2022		Various re-design, layouts & graphics work	5910 · Media and Network	995.00

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<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Original Amount</u>
TOTAL					995.00
21882	05/06/2022	Standard Insurance Company	142979	1015 · Checking -Union Bank - GF x9757	-1,204.87
142979-0001 Apr22	04/18/2022		Long term disability due 05/01/2022	5165 · Long Term Disability - Standard	1,204.87
TOTAL					1,204.87
21883	05/06/2022	Streamline	Invoice No: 112D6F75-0015	1015 · Checking -Union Bank - GF x9757	-370.00
112D6F75-0015	05/01/2022		Streamline Web 5/1/2022-6/1/2022	5475 · Website Hosting / Microsoft	370.00
TOTAL					370.00
21884	05/06/2022	Vision Service Plan	12 173343 0001	1015 · Checking -Union Bank - GF x9757	-484.08
814956737	04/19/2022		Vision plan - May 2022	5145 · Actives - Vision Insurance	484.08
TOTAL					484.08
21885	05/06/2022	Verizon	A/C #271667168-00001	1015 · Checking -Union Bank - GF x9757	-2,048.27
9905093414	04/26/2022		Services for period 03/27-04/26/22 (CalNet) Upgrade iPhone for Matthew	5580 · Phone - Mobile Devices-Verizon 5580 · Phone - Mobile Devices-Verizon	1,621.28 426.99
TOTAL					2,048.27
21886	05/06/2022	U.S. Bank	4246-0445-5564-6391	1015 · Checking -Union Bank - GF x9757	-17,904.95
03222022	03/22/2022		District Credit Card Payment	1040 · US Bank Purchase Card	17,904.95
TOTAL					17,904.95
21887	05/10/2022	Allied Administrators for Delta Denta Group No. 7918-7257		1015 · Checking -Union Bank - GF x9757	-2,613.36
07918-07257-Jun22	05/09/2022		Dental Coverage-Jun '22	5135 · Actives - Dental Insurance	2,613.36
TOTAL					2,613.36
21888	05/10/2022	American Mosquito Control Associa	AMCA Membership Renewal	1015 · Checking -Union Bank - GF x9757	-6,885.00
300008289	05/09/2022		AMCA Membership Renewal	5330 · Memberships & Subscriptions	6,885.00
TOTAL					6,885.00

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<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Original Amount</u>
<b>21889</b>	<b>05/10/2022</b>	<b>City of Burlingame, Water</b>		<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-1,002.74</b>
53-133346-Apr22	04/25/2022		1 1/2 Inch 02/23/22-04/19/22	5565 · Water	681.55
53-310176-Apr22	04/25/2022		Fireline 02/23/22-04/19/22	5565 · Water	13.15
53-310184-Apr22	04/25/2022		3/4 Inch 02/23/22-04/19/22	5565 · Water	165.40
53-485494-Apr22	04/25/2022		1 Inch meter 02/23/22-4/19/22-1415 N. Carolan Ave	5565 · Water	142.64
TOTAL					1,002.74
<b>21890</b>	<b>05/10/2022</b>	<b>FDAC EBA</b>	<b>51 - SMCMVCD Jun-2022</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-28,573.95</b>
FDAC0622-SMCM	05/08/2022		Medical Insurance for Jun-2022	5125 · Actives - Medical Insurance	27,747.64
			Matthew Nienhuis (May '22 Premium)	5125 · Actives - Medical Insurance	826.31
TOTAL					28,573.95
<b>21891</b>	<b>05/10/2022</b>	<b>Lampire Biological Laboratories, Inc A/C # SANMAT</b>		<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-316.00</b>
443806	05/03/2022		Chicken Blood (PO# 02076-1779)	5815 · Mosquito Blood	316.00
TOTAL					316.00
<b>21892</b>	<b>05/10/2022</b>	<b>PG&amp;E</b>	<b>Account No. 5594119880-0</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-632.99</b>
5594119880-0 Apr-2	04/27/2022		PGE Elec & Gas for 1415 N Carolan 03/29/2022-04/27/2022	5560 · Gas & Electricity - PG&E	632.99
TOTAL					632.99
<b>21893</b>	<b>05/10/2022</b>	<b>San Mateo County Transit District</b>	<b>Invoice #253AC</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-50.00</b>
253AC	05/06/2022		SamTrans Advertising Posting Fee 5/30/22-9/5/22	5910 · Media and Network	50.00
TOTAL					50.00
<b>21894</b>	<b>05/19/2022</b>	<b>Great-West Life &amp; Annuity Co</b>	<b>Group No. 98368</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-7,517.49</b>
05072022	05/07/2022		Employee Deferred Comp PPE 05/07/2022	5185 · Actives - Deferred Compensation	7,517.49
TOTAL					7,517.49
<b>21895</b>	<b>05/19/2022</b>	<b>San Mateo County Retirement Assoc SM M.A.D.</b>		<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-19,554.79</b>
05072022	05/07/2022		Employee Contribution Pay Period 04/24/2022-05/07/2022	5115 · Retirement - Employee Contribut	8,083.11
			Employer Contribution Pay Period 04/24/2022-05/07/2022	5110 · Retirement - Employer Contribut	11,471.68

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<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Original Amount</u>
TOTAL					19,554.79
<b>21896</b>	<b>05/19/2022</b>	<b>U.S. Bank PARS Account # 67460224</b>	<b>Agency Name: San Mateo County Mosquito &amp; Vector Control PPE 05/07/2022</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-539.78</b>
6746022400-PP5-7-	05/07/2022		Alternate Retirement System for Richard Arrow PPE 05/07/2022	5116 · Alternate Retire-Employee Contr	539.78
TOTAL					539.78
<b>21897</b>	<b>05/19/2022</b>	<b>Aim To Please Janitorial Services</b>	<b>Invoice #48 - Apr 2022</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-162.50</b>
48	05/05/2022		1415 N Carolan Janitorial Services-Apr 2022	5340 · Janitorial/Household Expense	162.50
TOTAL					162.50
<b>21898</b>	<b>05/19/2022</b>	<b>Airgas Dry Ice</b>	<b>QAC40</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-508.43</b>
9125459795	05/03/2022		Dry Ice (256 lbs)	5820 · Dry Ice	253.68
9125700232	05/10/2022		Dry Ice (256 lbs)	5820 · Dry Ice	254.75
TOTAL					508.43
<b>21899</b>	<b>05/19/2022</b>	<b>American Fidelity Assurance</b>	<b>Payor: 56840</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-457.98</b>
D458245	05/19/2022		Life/Acc/Cancer EE Insurance for May-2022	5170 · Actives - Other Benefits	457.98
TOTAL					457.98
<b>21900</b>	<b>05/19/2022</b>	<b>Bay Alarm</b>	<b>A/C #4630126</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-289.71</b>
19612514	05/15/2022		Security Alarm Monitoring 06/01/22-09/01/22 (1323 Rollins Rd)	5385 · Security and fire alarm	289.71
TOTAL					289.71
<b>21901</b>	<b>05/19/2022</b>	<b>Black Mountain Properties, LLC</b>		<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-11,266.19</b>
05/10/22 PGE	05/10/2022		PG&E 3/29-4/27/2022	5399 · Facility Lease	90.19
Jun Rent/CAM	05/18/2022		Jun-2022 Rent-1323 Rollins Rd., Burlingame,CA	5399 · Facility Lease	7,944.00
			Est CAM	5399 · Facility Lease	3,232.00
TOTAL					11,266.19
<b>21902</b>	<b>05/19/2022</b>	<b>Colorprint</b>	<b>Inv #30233</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-41.93</b>
30233	05/13/2022		Uniform name badges (2 Seasonals)	5725 · Apparel - Uniforms & Boots	41.93

**San Mateo County Mosquito & Vector Control District  
Check Detail**

May 2022

<b>GF-May 2022</b>
------------------------

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Original Amount</u>
TOTAL					41.93
<b>21903</b>	<b>05/19/2022</b>	<b>Comcast</b>	<b>A/C #8155200280658818</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-174.28</b>
8155200280658818	05/15/2022		Business Internet 05/20/22-06/19/22 (1415 N Carolan)	5575 · Phone - Land Line-AT&T/Comcast	174.28
TOTAL					174.28
<b>21904</b>	<b>05/19/2022</b>	<b>Fisher Scientific</b>	<b>Account No. 058330-001</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-515.11</b>
2640911	05/10/2022		PCR Supply	5845 · Lab PCR Supplies	515.11
TOTAL					515.11
<b>21905</b>	<b>05/19/2022</b>	<b>Flyers Energy, LLC</b>	<b>Account 700895</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-2,560.57</b>
CFS-2994740	05/15/2022		Fuels 05/01/2022-05/15/2022	5735 · Fuel	2,560.57
TOTAL					2,560.57
<b>21906</b>	<b>05/19/2022</b>	<b>Fusion Cloud Company, LLC</b>	<b>Customer No. 3789973</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-500.03</b>
9502906	05/17/2022		Phone System Jun-2022	5570 · Phone - VOIP - Fusion/MegaPath	500.03
TOTAL					500.03
<b>21907</b>	<b>05/19/2022</b>	<b>Grainger</b>	<b>809934680</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-555.71</b>
7100610463	05/05/2022		Restroom cleaning supply	5340 · Janitorial/Household Expense	35.93
			Mirror for rollup door	5505 · Facility - Repairs & Maint	78.35
			Extension cord parts	5610 · Garage Tools	70.03
			Hose adapter for Hotsy	5620 · Auto, Hotsy, Plug, Boat, Traile	6.07
			BVA tank reapiir parts & field equip	5705 · Pesticides	103.27
			Safety supplies	5720 · Safety Equipment	154.41
			Cooler jugs for dry ice	5805 · Disease Surveillance	93.92
			Lab insectory supply	5825 · Lab Supplies	13.73
TOTAL					555.71
<b>21908</b>	<b>05/19/2022</b>	<b>Jarvis Fay LLP</b>	<b>Invoice #16416</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-1,323.00</b>
16416	04/30/2022		Board Matters (.6hr) - Legal Services thru Apr-2022	5350 · Legal Services	159.00
			Labor Negotiation (2.7hrs)	5350 · Legal Services	715.50



**San Mateo County Mosquito & Vector Control District  
Check Detail**

May 2022

<b>GF-May 2022</b>
------------------------

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Original Amount</u>
			Architectural RFP (1.9hrs)	5350 · Legal Services	448.50
TOTAL					1,323.00
<b>21909</b>	<b>05/19/2022</b>	<b>Occupational Health Centers of Calif Account #N23-1060276454</b>		<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-61.00</b>
75312620	05/11/2022		Drug test for Seasonal Tech	5310 · Background / drug screening	61.00
TOTAL					61.00
<b>21910</b>	<b>05/19/2022</b>	<b>PG&amp;E</b>	<b>Account No. 5584709654-6</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-490.98</b>
5584709654-6 Apr2	04/27/2022		1351 Rollins Site 03/29/2022-04/27/2022	5560 · Gas & Electricity - PG&E	490.98
TOTAL					490.98
<b>21911</b>	<b>05/19/2022</b>	<b>Public Agency Retirement Services ( Customer #SAN400</b>		<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-306.00</b>
50637	05/06/2022		PARS Alternate Retirement System Fees PE 03/31/2022	5325 · HR & Finance Consultant	306.00
TOTAL					306.00
<b>21912</b>	<b>05/19/2022</b>	<b>Redwood Trading Post</b>		<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-197.73</b>
1000253558	04/07/2022		Mud boots (3)	5725 · Apparel - Uniforms & Boots	148.30
1000253132	04/07/2022		Mud boots for Kim	5725 · Apparel - Uniforms & Boots	49.43
TOTAL					197.73
<b>21913</b>	<b>05/19/2022</b>	<b>Regional Government Services</b>	<b>Inv #13489</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-272.00</b>
13489	05/18/2022		Apr '22-HR consulting to date \$14,703 against NTE of \$20k (2.72hrs)	5325 · HR & Finance Consultant	272.00
TOTAL					272.00
<b>21914</b>	<b>05/19/2022</b>	<b>RMT Landscape Contractors, Inc.</b>	<b>Customer #M332</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-790.00</b>
20220551	05/10/2022		Landscape Maintenance May-2022 (1351 Rollins Rd)	5505 · Facility - Repairs & Maint	495.00
			Landscape Maintenance (1415 N Carolan Ave)	5505 · Facility - Repairs & Maint	295.00
TOTAL					790.00
<b>21915</b>	<b>05/19/2022</b>	<b>Target Specialty Products</b>	<b>Customer ID 5005852</b>	<b>1015 · Checking -Union Bank - GF x9757</b>	<b>-3,401.13</b>
INVP500793098	05/09/2022		Trapper T-Rex Sanp Trap Rat 12/Cs (50 Cases) (PO #02706-1806)	5705 · Pesticides	3,401.13

**San Mateo County Mosquito & Vector Control District  
Check Detail**

May 2022

<b>GF-May 2022</b>
------------------------

Num	Date	Name	Memo	Account	Original Amount
TOTAL					3,401.13
21916	05/19/2022	The Goodyear Tire & Rubber Co.	A/C #632593-0001	1015 · Checking -Union Bank - GF x9757	-420.94
184-1096764	04/25/2022		Tires for Airboat Trailer	5620 · Auto, Hotsy, Plug, Boat, Traile	420.94
TOTAL					420.94
21917	05/19/2022	U.S. Bank	4246-0445-5564-6391	1015 · Checking -Union Bank - GF x9757	-16,507.71
04222022	04/22/2022		District Credit Card Payment	1040 · US Bank Purchase Card	16,507.71
TOTAL					16,507.71
21918	05/19/2022	Bay Alarm	A/C #4843626; Inv# 19581819 & 19581491	1015 · Checking -Union Bank - GF x9757	-340.33
19581819/19581491	04/29/2022		Instrusion Alarm Monitoring Installation-2nd 1/2 Deposit (1415 N Carolan Ave)	5385 · Security and fire alarm	325.00
			Security Alarm Monitoring 4/29-4/30/2022 (Pro-rated)	5385 · Security and fire alarm	15.33
TOTAL					340.33
<b>CHECK TOTAL</b>					<b><u>186,102.54</u></b>

Note: Previous month's check numbers were 21784-21848. Current month's check numbers are 21849-21918 (70 checks).

**San Mateo County Mosquito & Vector Control District  
Check Detail**

May 2022

<b>CPF-May 2022</b>
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Num	Date	Name	Memo	Account	Original Amount
1083	05/06/2022	Enterprise FM Trust	Customer No. 458563	1025 · Checking -Union Bank -CPF x6913	-4,316.87
FBN4464970	05/04/2022		22NCN8-2018 NISS Frontier- May 2022	6030 · Vehicle Leases	298.49
			22NCNB-2018 NISS Frontier	6030 · Vehicle Leases	298.49
			22NCNF-2018 NISS Frontier	6030 · Vehicle Leases	33.70
			22NCNJ-2018 NISS Frontier	6030 · Vehicle Leases	33.70
			23CDWF-2020 Subaru Forester	6030 · Vehicle Leases	318.64
			23LVXF-2019 NISS Frontier (Kim)	6030 · Vehicle Leases	405.59
			23LW6S-2019 NISS Frontier (Lab)	6030 · Vehicle Leases	455.33
			23MNV2-2020 NISS Frontier	6030 · Vehicle Leases	391.87
			23MNV2-2020 NISS Frontier	6030 · Vehicle Leases	391.88
			23MNV3-2020 NISS Frontier	6030 · Vehicle Leases	391.88
			23MNV8-2020 NISS Frontier	6030 · Vehicle Leases	129.32
			25QSHX-2022 FORD Explorer (4-/4-4/30/22)	6030 · Vehicle Leases	422.46
			25QSHX-2022 FORD Explorer (May-2022)	6030 · Vehicle Leases	745.52
TOTAL					4,316.87
				<b>CHECK TOTAL</b>	<b>4,316.87</b>

Note: Previous month's check number was 1082. Current month's check number is 1083 (1 check).

**San Mateo County Mosquito & Vector Control  
Credit Card Transaction Detail by Account  
May 2022**

<b>May 2022</b>
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Type	Date	Num	Name	Memo	Split	Amount
<b>1040 · US Bank Purchase Card</b>						
<b>1045 · US Bank Visa Brian x8037</b>						
Credit Card Charge	04/23/2022	246921	Costco	Misc Office Supplies	5335 · Office Expense	156.26
				Janitorial Cleaning & Paper Supplies	5340 · Janitorial/Household Expense	142.90
Credit Card Charge	04/23/2022	246921	Misc-Lab	Caron-Maintenance kit for Environ. Chamber	5840 · Lab Equip. Maintenance	176.53
Credit Card Charge	04/25/2022	247893	Misc- Ops	Clearbags - 500 clear bags for mosq. fish	5730 · Mosquito Fish	59.97
Credit Card Charge	04/26/2022	246921	Misc-Lab	Caron - Filters for condensate recirculator	5840 · Lab Equip. Maintenance	410.67
Credit Card Charge	04/29/2022	244921	DocuSign	Add new user - IT Director Matthew	5465 · Computer Software	219.45
Credit Card Charge	05/08/2022	244309	Microsoft	Add'nl user to online email account	5475 · Website Hosting / Microsoft	38.63
Total 1045 · US Bank Visa Brian x8037						1,204.41
<b>1050 · US Bank Visa Admin x5992</b>						
Credit Card Charge	04/26/2022	244310	FasTrak	Replenish bridge tolls	5215 · Conferences / Workshops Staff	25.00
Credit Card Charge	04/26/2022	244921	Misc- Outreach	Safari LTD-Transport & display mosq. larvae for educ events	5910 · Media and Network	130.31
Credit Card Charge	04/27/2022	244310	Misc-Lab	Taylor and Francis-Reference document on ticks	5825 · Lab Supplies	55.00
Credit Card Charge	04/27/2022	247078	MISAC	Membership renewal 2021-2022 (IT)	5330 · Memberships & Subscriptions	130.00
Credit Card Charge	04/27/2022	247078	MISAC	Membership renewal 2022-2023 pro-rated (IT)	5330 · Memberships & Subscriptions	65.00
Credit Card Charge	04/28/2022	420785	Misc- Ops	Action Towing-Tow 1950 power wagon to 1415 N. Carolan	5615 · Garage Repairs Outside	240.00
Credit Card Charge	04/29/2022	242753	Misc- Ops	Allied Fluid-Gaskets for sealing both BVA tank lids	5705 · Pesticides	83.98
Credit Card Charge	05/02/2022	244921	Mosyle Business	Manage Apple iPads & Mac-May '22 Subscriptn	5465 · Computer Software	28.75
Credit Card Credit	05/03/2022	747078	MISAC	Refund membership renewal 2021-2022 (IT)	5330 · Memberships & Subscriptions	-130.00
Credit Card Credit	05/04/2022	243990	Best Buy	Credit for fraud charge claim	5335 · Office Expense	-212.49
Credit Card Charge	05/04/2022	244921	Misc- Ops	Trailpals-Door hold backs and fans for drone trailer	5620 · Auto, Hotsy, Plug, Boat, Traile	129.75
Credit Card Charge	05/05/2022	240095	Scholastic Inc.	Handouts for children outreach program	5910 · Media and Network	966.23
Credit Card Charge	05/11/2022	240113	Gaia GPS	Distance mapping for tick flagging	5805 · Disease Surveillance	19.99
Credit Card Charge	05/11/2022	246921	Costco	Misc Office Supplies	5335 · Office Expense	20.79
				Janitorial Cleaning & Paper Supplies	5340 · Janitorial/Household Expense	300.26
Credit Card Charge	05/12/2022	244921	Misc-Lab	DoMyOwn Pest Control-Insecticide for YJ baiting project	5825 · Lab Supplies	80.59
Credit Card Charge	05/18/2022	240552	Rock Auto	CB jeep fleet maintenance parts	5620 · Auto, Hotsy, Plug, Boat, Traile	313.19
Credit Card Charge	05/18/2022	244450	Summit Racing Equipme	Tie rod end boots & grease gun holders for fleet maint	5620 · Auto, Hotsy, Plug, Boat, Traile	166.41
Credit Card Charge	05/18/2022	244939	Lakeshore Learning	Educ outreach in collaboration with SMC library system	5910 · Media and Network	163.88
Total 1050 · US Bank Visa Admin x3805						2,576.64
<b>TOTAL 1040 · US Bank Purchase Card</b>						<b>3,781.05</b>



P.O. BOX 6343  
FARGO ND 58125-6343

May  
2022



000000886 01 SP 0.530 106481506153672 P  
SMCMVCD  
ATTN DISTRICT MANAGER  
1351 ROLLINS RD  
BURLINGAME CA 94010-2409

ACCOUNT NUMBER [REDACTED]  
STATEMENT DATE 05-23-2022  
AMOUNT DUE \$20,288.76  
NEW BALANCE \$20,288.76  
PAYMENT DUE ON RECEIPT

AMOUNT ENCLOSED  
\$ 3,781.05

Please make check payable to U.S. Bank

U.S. BANK CORPORATE PAYMENT SYSTEMS  
P.O. BOX 790428  
ST. LOUIS, MO 63179-0428

[REDACTED] 002028876 002028876

Please tear payment coupon at perforation.

CORPORATE ACCOUNT SUMMARY									
SMCMAD	Previous Balance	Purchases And Other Charges	Cash Advances	Cash Advance Fees	Late Payment Charges	Credits	Payments	New Balance	
[REDACTED]	\$34,412.66	\$4,123.54	\$0.00	\$0.00	\$0.00	\$342.49	\$17,904.95	\$20,288.76	

CORPORATE ACCOUNT ACTIVITY				
SMCMAD				TOTAL CORPORATE ACTIVITY
[REDACTED]				\$17,904.95 CR
Post Date	Tran Date	Reference Number	Transaction Description	Amount
05-16	05-14	7479826213800000000947	PAYMENT - THANK YOU 00000 C	17,904.95 PY

NEW ACTIVITY					
BRIAN WEBER		CREDITS	PURCHASES	CASH ADV	TOTAL ACTIVITY
[REDACTED]		\$0.00	\$1,204.41	\$0.00	\$1,204.41
Post Date	Tran Date	Reference Number	Transaction Description	Amount	
04-25	04-22	24692162112100312483062	COSTCO DELIVERY 654 800-788-0068 CA	299.16	
04-25	04-23	24692162113100004501818	CARON PRODUCTS & SERVI 740-374-2770 OH	176.53	
04-26	04-26	24692162118100418791885	CARON PRODUCTS & SERVI 740-374-2770 OH	410.67	
04-27	04-25	24789302118178900038205	CLEARBAGS 800-2332630 TN	59.97	
05-02	04-29	24492152120027413682867	DOCUSIGN 866-219-4318 WA	219.45	

CUSTOMER SERVICE CALL	ACCOUNT NUMBER		ACCOUNT SUMMARY	
	800-344-5696	[REDACTED]	PREVIOUS BALANCE	34,412.66
		PURCHASES & OTHER CHARGES	4,123.54	
	STATEMENT DATE	DISPUTED AMOUNT	CASH ADVANCES	.00
	05/23/22	.00	CASH ADVANCE FEES	.00
			LATE PAYMENT CHARGES	.00
			CREDITS	342.49
			PAYMENTS	17,904.95
			ACCOUNT BALANCE	20,288.76

SEND BILLING INQUIRIES TO:  
U.S. Bank National Association  
C/O U.S. Bancorp Purchasing Card Program  
P.O. Box 6335  
Fargo, ND 58125-6335

AMOUNT DUE  
20,288.76

May  
2022

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Company Name: SMCMVCD
Corporate Account Number: [REDACTED]
Statement Date: 05-23-2022

NEW ACTIVITY					
Post Date	Tran Date	Reference Number	Transaction Description	Amount	
05-09	05-08	24430992128400819014843	MSFT * E0100JXXK MSBILL.INFO WA	38.63	
<b>SMCMVCD ADMIN</b>		<b>CREDITS</b>	<b>PURCHASES</b>	<b>CASH ADV</b>	<b>TOTAL ACTIVITY</b>
[REDACTED]		\$342.49	\$2,919.13	\$0.00	\$2,576.64
Post Date	Tran Date	Reference Number	Transaction Description	Amount	
04-27	04-28	24431062118075036456111	FASTRAK CSC 415-486-8655 CA	25.00	
04-27	04-26	24492162117000004057447	SP SAFARILTD HTTPWWW.SAFA.FL	130.31	
04-28	04-27	24431062117200221100543	TAYLOR & FRANCIS 800-354-1420 FL	55.00	
04-29	04-28	24207852118031800063579	ACTION TOWING AND AUTO RE REDWOOD CITY CA	240.00	
04-29	04-27	24707802118030045392041	MISAC 714-738-5309 CA	130.00	
04-29	04-27	24707802118030045392058	MISAC 714-738-5309 CA	65.00	
05-02	04-29	24275392121900011576299	ALLIED FLUID PRODUCTS COR 510-6543274 CA	83.98	
05-03	05-02	24492162122000030763037	MOSYLE BUS* MOSYLE BUS HTTPSBUSINESS.FL	28.75	
05-04	02-22	24399002053503578957212	BESTBUY.COM806604960362 888BESTBUY MN	212.49 CR	
05-05	05-03	24707802124030044559357	MISAC 714-738-5309 CA	130.00 CR	
05-05	05-04	24492162124852232777754	TRAILPALS 844-296-5006 OR	129.75	
05-06	05-05	24009582126800139167096	SCHOLASTIC EDUCATION JEFFERSONCITY MO	966.23	
05-12	05-11	24011342131000029219844	GAIA GPS MEMBERSHIP WWW.GAIAGPS.CA	19.99	
05-12	05-11	24692162131100427556304	COSTCO DELIVERY 654 800-788-9968 CA	321.05	
05-13	05-12	24492162132745554360466	DO MY OWN 866-581-7378 CA	80.50	
05-18	05-18	24055232138819543964879	ROCK AUTO ROCKAUTO.COM WI	313.19	
05-19	05-18	24445002139600092525237	SUMMIT RACING MAIL ORDER 800-230-3030 OH	166.41	
05-19	05-18	24493982138700472560674	LAKESHORE LEARNING MATER 310-537-8600 CA	163.88	

Department: 00000 Total:  
Division: 00000 Total:

\$3,781.05  
\$3,781.05

Agenda Item 4B

**SUBJECT: Consider recommending the Board approve the Capital purchase of a QuantStudio 5 Real-Time PCR System**

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**SUMMARY**

Staff is asking the Finance Committee to recommend the Board approve the Capital Fund purchase of a Thermo Scientific QuantStudio 5 Real-Time PCR System. This equipment will be used by laboratory staff to test for the presence of pathogens such as West Nile virus (WNV) and *Borrelia burgdorferi*, in biological specimens.

**BACKGROUND AND STATUS**

The District began in-house molecular testing of mosquitoes and ticks for pathogens in 2013. Since then, the breadth of applications for this technology, as well as the number of samples processed per year, has steadily increased. In-house molecular testing allows for rapid results with a high level of sensitivity and specificity. These aspects are important in making decisions on critical public health interventions, such as conducting adult mosquito control applications.

Staff is requesting the approval of a purchase of a QuantStudio 5 Real-Time PCR System at a total cost of \$45,002.63. The District's current thermocycler, the ABI 7500 Fast Real-Time PCR System, has been a reliable workhorse for laboratory testing needs for the past nine years. However, while this instrument was state-of-the-art when it was introduced in 2005, many advancements in technology have been made since then. The QuantStudio 5 accommodates the latest fluorescent reporters used in multiplex PCR reactions and incorporates enhanced electronic record security features.

The proposed instrument was selected for several reasons. In addition to improved data accuracy and sensitivity in qPCR reactions, the QuantStudio 5 is designed to be used with the same (Thermo Fisher) reagents and protocols already in use by the District, the California Department of Public Health laboratory, and a majority of vector control districts statewide that perform in-house WNV testing. Keeping testing equipment and chemistry in line with other vector control

labs allows the District to collaborate on improved or modified protocols, help troubleshoot issues, and share resources when supply shortages of consumables occur, as was the case during the COVID-19 pandemic. Several other vector control laboratories that currently use the QuantStudio 5 were consulted on their experience and all gave positive feedback.

The QuantStudio 5 is manufactured and sold only by Thermo Fisher Scientific. A sole source document is attached. Pricing reflects a trade-in credit for the District’s ABI 7500 Fast Real-Time PCR System, on-site training, and a 1-year service and maintenance plan.

Item	List Price	Quote Price	Description
QuantStudio 5 Real-Time PCR System	\$ 51,200.00	\$ 51,200.00	Thermocycler and laptop control unit
RNase Verification Plate	\$ 834.00	\$ 0.00	Calibration tool
Optical Adhesive Covers	\$ 89.50	\$ 0.00	Startup consumables bundle
Fast 96W Hardshell Plates	\$ 131.00	\$ 0.00	
Smartstart QS 3/5, 1 Day	\$ 2,605.00	\$ 0.00	Orientation/Training Session
AB Assurance Plan	\$ 6,280.00	\$ 6,280.00	1-year service and maintenance agreement
Trade in Credit		<b>-\$ 13,000.00</b>	Trade in—ABI Fast 7500
Est. Shipping & Handling		\$ 522.63	
<b>Total</b>		<b>\$ 45,002.63</b>	

**STRATEGIC OBJECTIVES SUPPORTED:**

**Objective 2b.** Monitor the distribution of vector-borne diseases in local vectors.

**Objective 9b.** Adequately maintain and improve District physical assets and equipment and keep them up to date with the best technology available.

**REFERENCE MATERIALS ATTACHED:**

1. Quote for QuantStudio 5
2. Sole Source Statement from Thermo Fisher Quote for QuantStudio 5
3. QuantStudio 5 information brochure



To place an order from this quote, sign in to your account at [thermofisher.com](http://thermofisher.com)

Alternatively, you can email your order to  
[NAInstrumentOrders@thermofisher.com](mailto:NAInstrumentOrders@thermofisher.com)  
 or Fax it to 877-680-2537.

To ensure you receive your discount pricing, please clearly reference your quotation number on your purchase order. Please issue your **Purchase Order to: Life Technologies Corporation.**

We now offer highly competitive financing options with low monthly payments. Please contact your local sales representative for more information on how we can meet your financing needs.

**Life Technologies Corporation**

3175 Staley Road  
 Grand Island, New York 14072 USA  
 Fax No.: 1-800-331-2286 USA  
 To Order: 1-800-955-6288 USA  
[www.thermofisher.com](http://www.thermofisher.com)

<b>Valid From</b>	: 04/25/2022
<b>Valid To</b>	: 08/15/2022
<b>Freight Terms</b>	: FOB FACTORY - FRT QUOTED
<b>Payment Terms</b>	: Net 30

SAN MATEO COUNTY MVCD
.
1351 ROLLINS RD
BURLINGAME
CA 94010 US
<b>ATTN:</b>

WE ARE PLEASED TO QUOTE ON YOUR REQUIREMENT AS FOLLOWS

Item No	SKU	Description	Min Qty	List Price	Net Price	Extended Price
1	A28568	QS5 0.1ML QPCR SYSTEM, LAPTOP EACH Dell Laptop computer minimum specs: * Processor speed of 2.7GHz minimum * 4GB Ram memory minimum * Windows 10 Operating system * 250GB hard drive minimum * DVD RW drive	1	\$51,200.00	\$51,200.00	\$51,200.00
2	4351979	FAST 96 WELL RNASE P VERIF PLATE	1	\$834.00	\$0.00	\$0.00
3	4360954	OPTICAL ADHESIVE COVERS 25 PCS/ PACK	1	\$89.50	\$0.00	\$0.00

Item No	SKU	Description	Min Qty	List Price	Net Price	Extended Price
4	4483485	<p>FAST 96W HARDSHELL PLATE CLEAR ,20 PCS PK                      MicroAmp® EnduraPlate Optical 96-Well Fast Clear Reaction Plate with Barcode, 0.1mL, 20 plates</p> <p>Applied Biosystems® MicroAmp® EnduraPlate™ plastic consumables offer excellent PCR or qPCR performance in formats developed to meet your experimental needs. All of our plastic consumables are validated with Applied Biosystems® instruments for optimal fit and performance. With the new EnduraPlate™ reaction plates, there is now a solution for work that requires special handling and an even greater degree of durability for use with multi-instrument experiments</p>	1	\$131.00	\$0.00	\$0.00
5	S202	<p>TRADE-IN CREDIT EACH</p> <p>We are offering a \$13000.00 trade-in credit for the return of your Model 7500 fast pcr instrument. Serial number 275014989. The credit is being offered in advance and is contingent upon purchase of the new instrument and Life Technologies receiving good and clear title to, and possession of, the trade-in instrument accompanied by the original Certification of Decontamination (see below) Pickup at Delivery after installation of new instrument. You may take the credit for the return of the trade-in instrument off the dollar value of your purchase order. The purchase order must reflect the trade-in dollar amount as a separate line item. After your purchase order is received, you will receive a Return Authorization letter (RA), and a Certificate of Decontamination. The Certificate of Decontamination MUST be completed and faxed back to Life Technologies prior to the instrument return and the original Certificate of Decontamination must be placed on the on the outside of the crate. If our receipt of the trade-in instrument is not confirmed within 30 days after installation</p>	1	\$0.00	-\$13,000.00	-\$13,000.00

Item No	SKU	Description	Min Qty	List Price	Net Price	Extended Price
		of your new instrument, you will be invoiced for and must pay the amount of the advanced credit given.				
		PRICE FOR THE NEW INSTRUMENT AFTER TRADE-IN CREDIT HAS BEEN APPLIED WILL BE \$38200.00.				
6	A28807	SMARTSTART, QS 3/5, 1DAY, CS EACH	1	\$2,605.00	\$0.00	\$0.00
7	ZG11SCQS 5FAST	AB ASSURANCE,QSTUDIO5,0.1ML PC	1	\$6,280.00	\$6,280.00	\$6,280.00

Estimated Shipping & Handling : \$522.63

Total: \$45,002.63

This quotation, and Life Technologies' **GENERAL TERMS AND CONDITIONS OF SALE** (which are incorporated by reference into this quotation and any resulting contract), set out the terms on which Life Technologies is offering to sell the product(s) or service(s) listed in this quotation. By issuing a purchase order or otherwise ordering or accepting product(s) or services, you expressly confirm that you intend to be bound by and agree to the terms of this quotation and Life Technologies' General Terms and Conditions of Sale to the exclusion of all other terms not expressly agreed to in writing by an authorized representative of Life Technologies, and that the purchase and sale transaction between you and Life Technologies is subject to and will be governed by this quotation and Life Technologies' General Terms and Conditions of Sale.

Customers may be required to evaluate as a discount, for cost-reporting purposes, the value of any Product listed as \$0.00 on any invoice. The Product listed as \$0.00 represents an in-kind discount and is included in the total fair market value price for the instrument product.

Life Technologies' General Terms and Conditions of Sale can be found on Life Technologies' website at <http://www.thermofisher.com/termsandconditions> under the "terms and conditions" link at the bottom of the webpage.

NOTE: Customer MUST reference quotation number when ordering to receive discounts

#### ADDITIONAL TERMS AND CONDITIONS OF QUOTATION

1. This quotation shall apply only to direct order purchases. In order to receive quoted prices, the quotation number must be referenced at time of order. Credits will not be issued for orders not referencing quotation numbers.
2. The effective dates of this quotation appear on the first page unless otherwise noted.
3. Percentage discounts in this quotation will be calculated from our current price for the applicable product. Discounts will be calculated from single unit catalog price. We reserve the right to change our prices at any time. Any increase or decrease to the price of a product would result in a change to your discounted price. Certain discounts are based on categories of products (e.g., "Pricing Product Line" or "PPL" discounts) that might change over time. We reserve the right to re-align products within a category or add or remove products to or from a specific category at any time. Such realignment, addition or removal may result in a change to your discounted price for a particular product.
4. We may terminate this quotation upon written notice.
5. This quotation contains our confidential pricing information which if disclosed to third parties could cause competitive harm to us. Subject to overriding obligations to third party funding agencies or governmental entities, the customer agrees to keep all pricing information contained herein confidential.

**Jennifer Anderson**  
**Sales Representative**

## Applied Biosystems™ QuantStudio™ 5 Real-Time PCR System differentiating features

**Instrument Model Number:** Applied Biosystems QuantStudio 5 Real-Time PCR System

**Instrument Description:** The QuantStudio 5 Real-Time PCR System is available in either 0.1ml 96-well, 0.2ml 96-well, or 384-well plate block formats and is ideal for users who need superior performance, maximum dye versatility, and security options in a Real-Time PCR system that is affordable and easy to use. The optimized Design and Analysis software is suitable for both first-time and experienced users. When connected to the Thermo Fisher Cloud, you can access your data wherever and whenever you want. Utilizing proven OptiFlex™ technology (featuring a bright white LED with 5 coupled channels for 384-well or 6x6 decoupled channels for 96-well) and 6 Veriflex™ zones, the QuantStudio 5 System delivers superior data accuracy and sensitivity for a broad range of genomic applications. The QuantStudio 5 System also offers the built-in software feature of electronic record security and prevention of unauthorized instrument access supports compliance with 21 CFR Part 11 FDA guidelines.

**Manufacturer:** Life Technologies Corporation

Life Technologies is the sole manufacturer and vendor of the QuantStudio 5 Real-Time PCR System (Part Numbers A28138, A28139, A28140, A28568, A28569, A28570, A28573, A28574, A28575). Life Technologies does not have any authorized agents, distributors, or dealers in the United States or Canada for the above listed instrument systems.

### Technology overview

#### Real-Time PCR Overview

Polymerase Chain Reaction (PCR) is a powerful technology that amplifies DNA or cDNA targets up to a million-fold. Real-Time PCR amplifies the target in the presence of fluorescent dyes and the instrument captures the fluorescent signal in "real-time" to determine how many copies of DNA are present at each cycle. The ability of the real-time PCR instrument to monitor the amount of target that amplifies over the course of the run enables very precise, sensitive and accurate quantitative measurements to determine the number of starting copies in the reaction.

Real-Time PCR amplifies DNA exponentially, doubling the number of molecules present with each amplification cycle. The increase of fluorescent signal is directly proportional to the amount of PCR product generated in the exponential phase of the reaction. The number of cycles and the amount of PCR end-product can be used to calculate the initial quantity of genetic material by comparing the final quantity with a known standard.

Fluorescent reporters used include double-stranded DNA (dsDNA)-binding dyes, or dye molecules attached to PCR primers or probes that are incorporated into the product during amplification. By plotting

For Research Use Only. Not for use in diagnostic procedures.



# QuantStudio 3 and QuantStudio 5 Real-Time PCR Systems

Just the right everything



# Data within your reach

Applied Biosystems™ QuantStudio™ 3 and 5 Real-Time PCR Systems allow you to remotely monitor your runs, as well as easily access and securely share results with colleagues anywhere, anytime with Connect, our cloud-based platform. When your data are always within reach, the answers shaping the future of science are never far away.



## Interactivity

- Run and edit directly from touchscreen



## Accessibility\*

- Access experiment runs from any location, anytime, with remote monitoring
- Wi-Fi-enabled connectivity
- Utilize portable devices to quickly analyze data when you need to



## Connectivity\*

- Telemetry data monitoring to proactively anticipate maintenance needs
- Calendars to schedule time on shared instruments for the best utilization and return on investment
- Integration with scientific analysis apps and peer collaboration tools
- Remote support from our services team
- World-class data security on an Amazon Web Services™ platform



## Collaboration\*

- Quickly share data sets and protocols online
- Send large files securely around campus or around the world
- Integrate and analyze multiple data sets and data types into one project

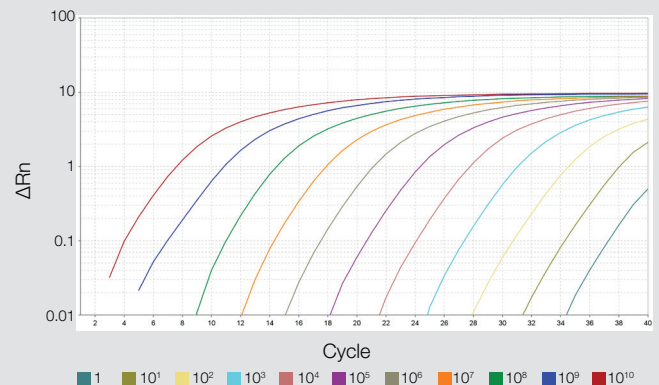
\* Internet access and Connect cloud-based account required.

**Obtain results you can trust**—Detect differences in target quantity as small as 1.5-fold in singleplex reactions and obtain 10 logarithmic units of linear dynamic range (Figure 1).



## Helps save valuable time—

Applied Biosystems™ VeriFlex™ Blocks with 3 or 6 independent temperature zones provide flexibility to run multiple experiments simultaneously. Fast thermal cycling is also available, enabling results in less than 30 minutes.



**Figure 1. Real-time PCR reproducibility.** This plot shows results from amplification of KAZ plasmid DNA in 10-fold dilutions using the 96-well block. The data show highly reproducible results over 10 logarithmic units of input template amount, illustrating the broad linear dynamic range of the system.



# Simple, intuitive interface—at your fingertips

The interactive touchscreen interface and simplified Applied Biosystems™ QuantStudio™ Design and Analysis Software make it easy to get started and stay organized.

- Software can be accessed either via desktop or online
- Easily identifiable icons guide you through the workflow to set up runs and analyze experiments
- Graphical interface allows easy editing of experimental conditions and viewing of plate layout (Figure 2A)

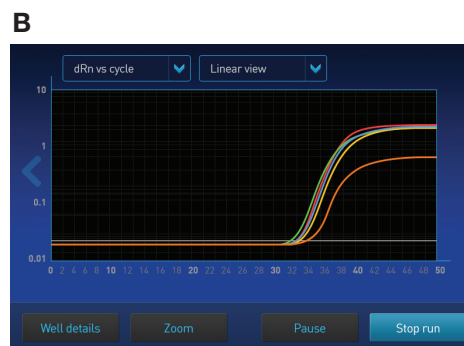
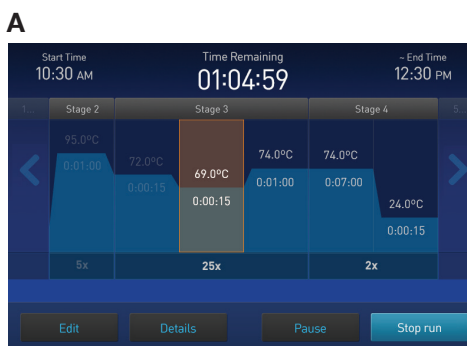
- Manipulate view to a particular graph or data point (Figure 2B)
- Option to pause a real-time PCR run on demand
- Preoptimized protocol templates allow quick selection of default protocols for standard applications
- Locked workflow feature allows for experimental consistency in tightly controlled environments

## Service and support plans designed for you

Our extended warranty plans are designed to maximize instrument performance and help ensure availability of critical systems with preventive maintenance, proactive instrument monitoring, remote diagnostic capabilities, and—should one of your instruments require repair—fast response. Benefits include:

- Guaranteed 2 business day response time\*
- Scheduled on-site planned maintenance (PM)
- Parts, labor, and travel for repair
- Remote instrument diagnostics
- Priority access to remote service engineer

To learn more about our services and support solutions, go to [thermofisher.com/instrumentservices](http://thermofisher.com/instrumentservices)



**Figure 2. Graphical interface.** Software allows (A) easy editing of thermal cycling conditions and viewing of plate layout, and (B) viewing of amplification plots and drilling down to a subset of sample wells.

\* Guaranteed response times vary by region.

**Get started quickly**—Instrument is factory-calibrated for optical and thermal accuracy, quick installation, and immediate use.

**Skip the learning curve**—Sign into EducationConnect with your Connect account for an online course on installing, operating, and maintaining your instrument. To begin the course, go to [thermofisher.com/quantstudio3-5training](http://thermofisher.com/quantstudio3-5training).

**Maximize benchtop space**—Compact instrument can be configured as a stand-alone unit or with a computer to fit most laboratory needs (instrument dimensions: 27 x 50 x 40 cm).



**Establish standard operating procedures and compliance with ease**—Locked protocol templates, in-run quality control (QC) feedback, and QC traceability of consumables

offer greater control of experimental data. Real-time data markup language (RDML) export is available for compatibility with MIQE guidelines.

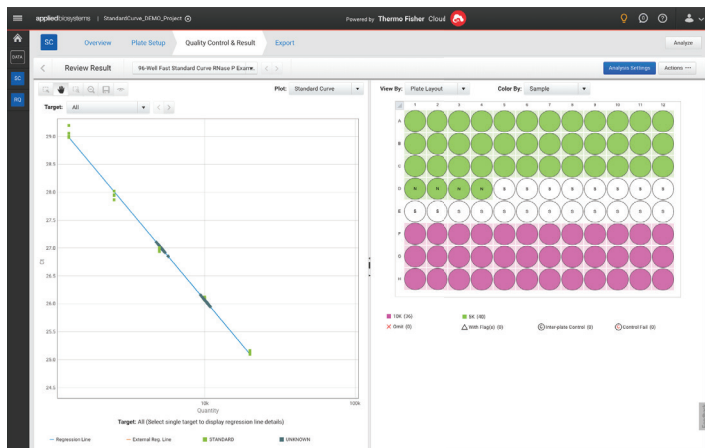
# Technical specifications



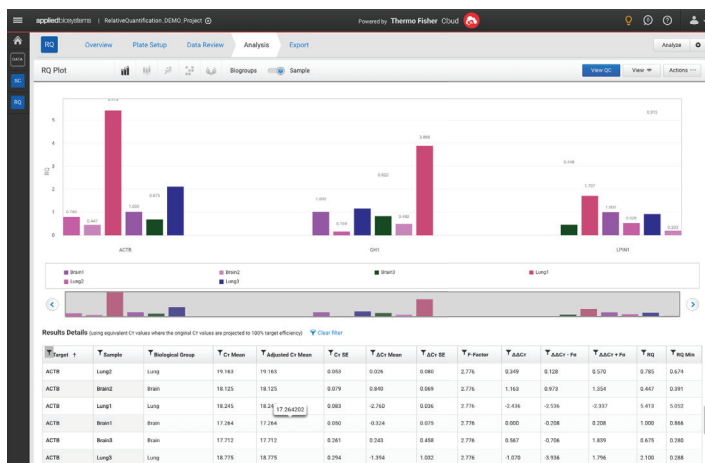
	QuantStudio 3 Real-Time PCR System	QuantStudio 5 Real-Time PCR System
Sample capacity (wells)	96	96 or 384
Reaction volume	0.1 mL block: 10–30 $\mu$ L 0.2 mL block: 10–100 $\mu$ L	96-well 0.1 mL block: 10–30 $\mu$ L 96-well 0.2 mL block: 10–100 $\mu$ L 384-well block: 5–20 $\mu$ L
Excitation source	Bright white LED	
Optical detection	4 coupled filters	96-well: 6 decoupled filters 384-well: 5 coupled filters
Excitation/detection range	450–600 nm/500–640 nm	96-well: 450–680 nm/500–730 nm 384-well: 450–650 nm/500–700 nm
Multiplexing	Up to 4 targets	96-well: up to 6 targets 384-well: up to 5 targets
Maximum block ramp rate	0.1 mL block: 9.0°C/sec 0.2 mL block: 6.5°C/sec	96-well 0.1 mL block: 9.0°C/sec 96-well 0.2 mL block: 6.5°C/sec 384-well block: 6.0°C/sec
Average sample ramp rate	3.66°C/sec	
Temperature uniformity	0.4°C	
Temperature accuracy	0.25°C	
Compatible dyes	FAM™/SYBR™ Green, VIC™/JOE™/HEX™/TET™, ABY™/NED™/TAMRA™/Cy®3, JUN™, ROX™/Texas Red™	FAM/SYBR Green, VIC/JOE/HEX/TET, ABY/NED/TAMRA/Cy3, JUN, ROX/Texas Red, Mustang Purple™, Cy®5/LIZ™, Cy®5.5
Security, auditing, and e-signature (SAE) features	No	Yes, with no additional fees

# Flexible, powerful secondary analysis software

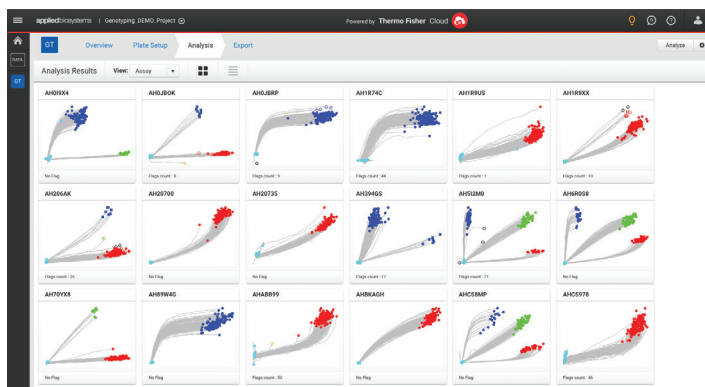
Applied Biosystems™ Analysis Modules are innovative cloud-based data analysis applications that bring together multiple data sets in one convenient place and render them in stunning data visualizations for enhanced analysis and insights (Figures 3–5).



**Figure 3. Absolute quantification module for gene expression analysis.** The module enables analysis of genes of interest with the use of a standard curve. Additional flexibility is achieved by importing standard curves from other experiments.



**Figure 4. Relative quantification module for gene expression analysis.** With this module, you can customize groupings of data within projects for a thorough comparison of data. The module also includes integrated correlation, volcano, and cluster plot analysis, with the ability to drill down to amplification plots.

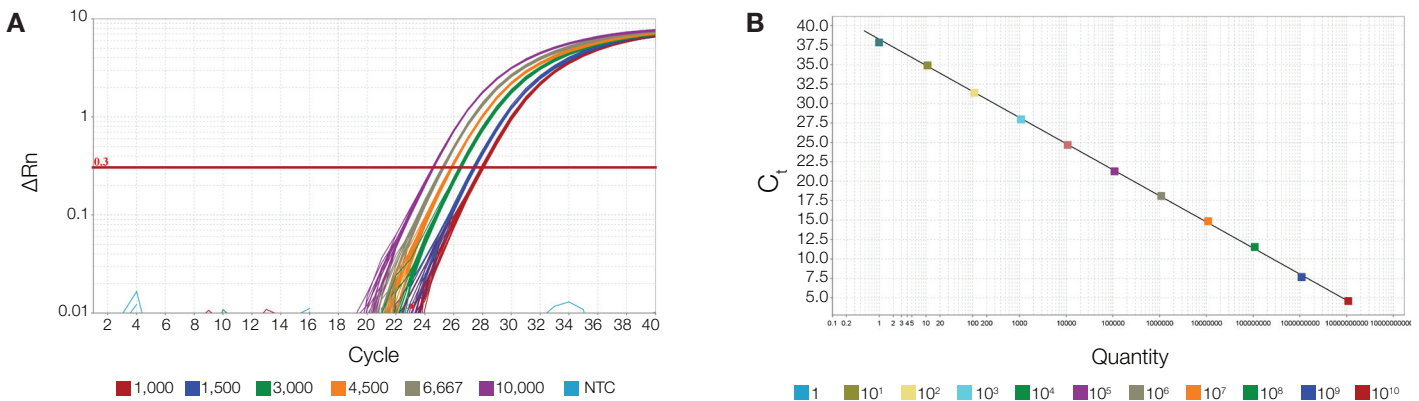


**Figure 5. Genotyping analysis module.** This module expands on existing Applied Biosystems™ TaqMan® Genotyper™ Software with improved visuals and integrated traces of allelic discrimination plots. The module allows for thorough quality control of single-nucleotide polymorphism (SNP) assays to accurately reflect true signals vs. background noise.



# High-quality data for a variety of applications

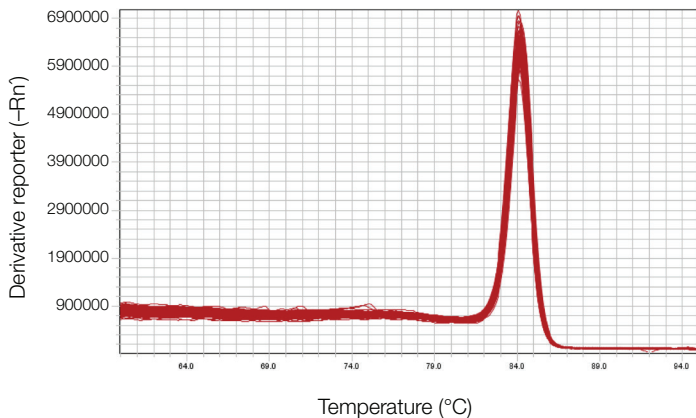
Utilizing proven Applied Biosystems™ OptiFlex™ technology and VeriFlex™ Blocks, QuantStudio 3 and 5 systems offer optimal data accuracy and sensitivity (Figure 6). Applications include analysis of gene expression, microRNAs and noncoding RNAs, SNPs, copy number variation, somatic mutations, drug metabolism enzymes, and protein expression.



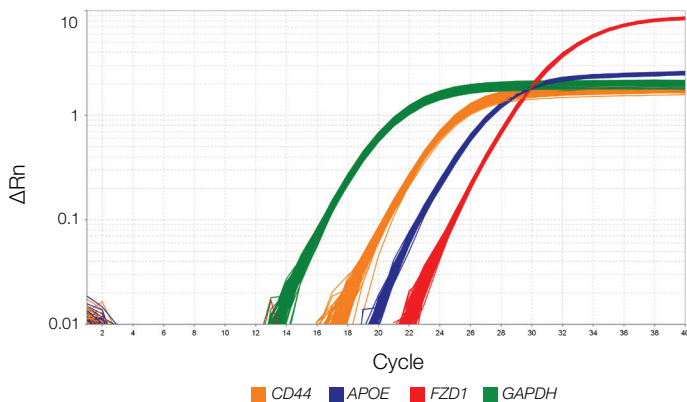
**Figure 6. The QuantStudio 3 and 5 systems provide sensitive detection and high-confidence target discrimination down to 1.5-fold differences.** (A) Amplification plots for 1.5-fold dilutions of a KAZ plasmid amplified with the Applied Biosystems™ PE2 TaqMan® Assay under fast run conditions using Applied Biosystems™ TaqMan® Fast Advanced Master Mix. Quantities assayed, and  $C_t$  (SD): 1,000 copies, 27.9 (0.063); 1,500 copies, 27.4 (0.059); 3,000 copies, 26.4 (0.060); 4,500 copies, 25.8 (0.047); 6,667 copies, 25.2 (0.049); 10,000 copies, 24.5 (0.041). NTC = no-template control. (B) Standard curve generated from the  $C_t$  values.

# Assay flexibility to support your application

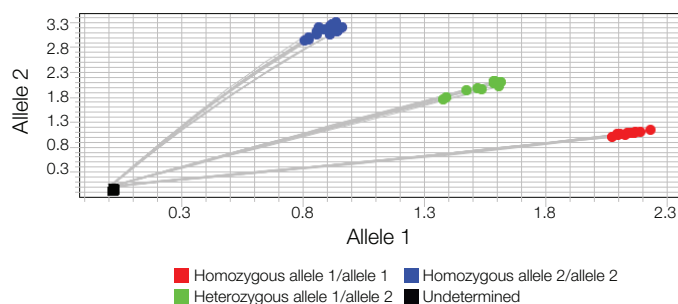
The QuantStudio 3 and 5 systems support probe-based assays as well as intercalating dyes (Figures 7–9). TaqMan probe-based assays, developed with powerful algorithms and optimized master mixes, enable outstanding specificity and sensitivity. Applied Biosystems™ SYBR™ Green chemistry is an economical alternative for target identification or initial qualification of assays.



**Figure 7. Melt curve analysis using the online version of the software.** In this experiment, 96 replicates of human genomic DNA were amplified using Applied Biosystems™ SYBR™ Select Master Mix with primers for the *RNase P* gene, followed by a dissociation step. The reactions were performed under fast run conditions, showing  $C_i$  uniformity with a mean of 25.7 (SD 0.077), and thermal uniformity as measured by the derivative peak with a melting temperature ( $T_m$ ) of 84.17°C (SD 0.07°C).



**Figure 8. Multiplex gene expression analysis of 4 targets.** Whole-plate amplification plots are shown of 96 replicates of cDNA made from universal human RNA (UHR) amplified under fast run conditions using Applied Biosystems™ TaqMan® Multiplex Master Mix with Mustang Purple passive reference dye. Targets and labels: *FZD1* labeled with FAM dye, *APOE* labeled with VIC dye, *CD44* labeled with ABY dye, *GAPDH* labeled with JUN dye.



**Figure 9. Genotyping analysis that includes cluster plots with data traces.** An allelic discrimination plot is shown of 44 gDNA samples and 4 no-template controls (NTCs) genotyped using Applied Biosystems™ TaqMan® SNP Genotyping Assay C\_29086771\_20, with both PCR and allelic discrimination performed on the QuantStudio 5 Real-Time PCR System. The novel use of real-time PCR data to plot SNP cluster progress aids in calling ambiguous samples and reduces run times by displaying the optimal number of cycles necessary for maximum cluster separation.

For more information about TaqMan Assays and formats, go to [thermofisher.com/taqman](http://thermofisher.com/taqman)

## Ordering information

Instruments	Cat. No.	Instrument with service—Cat. No.*
<b>QuantStudio 3 system configurations</b>		
QuantStudio 3 Real-Time PCR System (96-well, 0.1 mL block)**	A28136	A33777
QuantStudio 3 Real-Time PCR System (96-well, 0.2 mL block)**	A28137	A33779
<b>QuantStudio 5 system configurations</b>		
QuantStudio 5 Real-Time PCR System (96-well, 0.1 mL block)**	A28138	A33619
QuantStudio 5 Real-Time PCR System (96-well, 0.2 mL block)**	A28139	A33624
QuantStudio 5 Real-Time PCR System (384-well block)**	A28140	A33628

\* Extended warranty packages for the QuantStudio 3 and 5 Real-Time PCR Systems include the instrument, SmartStart™ Orientation, and a 1-year AB Assurance service plan with 1 planned maintenance (PM) visit. Packages are not available in all countries. Contact your local sales representative for availability information.

\*\* Does not include a computer. Additional Cat. No. are available that include a laptop or desktop computer.

Reagents	Quantity	Cat. No.
TaqMan Fast Advanced Master Mix	5 mL	4444557
TaqMan Fast Advanced Master Mix	50 mL	4444558
PowerUp SYBR Green Master Mix	5 mL	A25742
PowerUp SYBR Green Master Mix	50 mL	A25743
SuperScript IV VILO Master Mix	500 reactions	11756500
High-Capacity RNA-to-cDNA Kit	50 reactions	4387406

qPCR plastics	Quantity	Cat. No.
MicroAmp Optical 96-Well Reaction Plate	10 plates	N8010560
MicroAmp EnduraPlate Optical 96-Well Clear Reaction Plates with Barcode	20 plates	4483354
MicroAmp Fast Optical 96-Well Reaction Plate, 0.1 mL	10 plates	4346907
MicroAmp EnduraPlate Optical 96-Well Fast Clear Reaction Plates with Barcode	20 plates	4483485
MicroAmp Optical 384-Well Reaction Plate with Barcode	50 plates	4309849
MicroAmp EnduraPlate Optical 384-Well Clear Reaction Plates with Barcode	20 plates	4483285
MicroAmp Optical Adhesive Film	100 covers	4311971

Instrument qualification (IQ), operational qualification (OQ), and instrument performance verification (IPV) services†	Quantity	Cat. No.
IQ/OQ/IPV Service for QuantStudio 3 Real-Time PCR Systems, 96-well, 0.1 mL block	1 service	A28481
IQ/OQ/IPV Service for QuantStudio 3 Real-Time PCR Systems, 96-well, 0.2 mL block	1 service	A28480
IQ/OQ/IPV Service for QuantStudio 5 Real-Time PCR Systems, 96-well, 0.1 mL block	1 service	A28483
IQ/OQ/IPV Service for QuantStudio 5 Real-Time PCR Systems, 96-well, 0.2 mL block	1 service	A28482
IQ/OQ/IPV Service for QuantStudio 5 Real-Time PCR Systems, 384-well block	1 service	A28484

† OQ/IPV service is not available in all countries. Contact your local sales representative for availability information.

Find out more at [thermofisher.com/quantstudio3-5](https://thermofisher.com/quantstudio3-5)

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