

**COUNTY OF SAN
TREASURER-TAX COLLECTOR
POOLED INVESTMENT FUND
FINANCIAL STATEMENTS AND AUDIT REPORT**

For the Fiscal Year Ended June 30, 2019

**Jerome C. Wilverding
Auditor-Controller
County of San Joaquin**

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR
POOLED INVESTMENT FUND
FINANCIAL STATEMENTS AND AUDIT REPORT
For the Fiscal Year Ended June 30, 2019**

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JEROME C. WILVERDING
AUDITOR-
CONTROLLER
SAN JOAQUIN COUNTY



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PAYROLL ADMINISTRATOR
Lori Rolleri

November 13, 2019

Board of Supervisors
County of San Joaquin
44 N. San Joaquin St., Suite 627
Stockton, CA 95202

Dear Board Members:

We have audited the accompanying *Statement of Net Position* and the related *Statement of Changes in Net Position* of the San Joaquin County Treasurer-Tax Collector's (County Treasurer) Investment Fund, an investment pool for local government participants, as of and for the year ended June 30, 2019. These financial records and statements are the responsibility of the County Treasurer. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

As described in Note 7, the Auditor-Controller is mandated by various statutes within the California Government Code to perform certain accounting, auditing, and financial reporting functions. These activities, in themselves, necessarily impair the auditor's independence; however, we believe adequate safeguards and divisions of responsibility exist to mitigate the impairments.

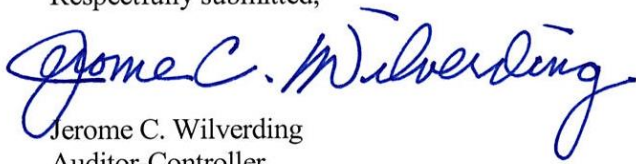
In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the County Treasury Investment Fund as of June 30, 2019, and the changes in net position for the year then ended in conformity with accounting principles generally accepted in the United States of America.

In accordance with *Government Auditing Standards*, we have also issued our report dated November 13, 2019 on our consideration of the County Treasurer's internal control over financial reporting and our tests of compliance with certain provisions of laws, regulations, contracts, and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and does not provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and important for assessing the results of our audit.

The "Management's Discussion and Analysis" on pages three through six, is not a required part of the basic financial statements but is supplementary information required by accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the County Treasurer Investment Fund's basic financial statements. The "Schedule of Investments Owned as of June 30, 2019" listed in the table of contents is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

Respectfully submitted,



Jerome C. Wilverding
Auditor-Controller
County of San Joaquin

JCW/jm

Management's Discussion and Analysis

The discussion and analysis of the financial performance of the Treasurer-Tax Collector's Investment Fund of the County of San Joaquin (County) provides an overview of the investment activities for the fiscal year ended June 30, 2019. We encourage readers to consider the information presented here in conjunction with the Investment Fund's financial statements and the accompanying notes to the financial statements.

Our main objective in managing the Investment Pool is to safeguard the principal of the funds under our control and to ensure the cash needs of depositors are met. Within this objective, we try to achieve the best return on the funds in our control.

As the County's Treasurer, we receive and account for all money that is deposited with us. Based on our cash flow analysis, we invest these monies in short and medium term instruments. As our main objective is to safeguard the principal, we do not take an aggressive approach in investing funds solely to maximize return. On a quarterly basis, we distribute the earnings, net of our investment expenses, to all Investment Pool participants, based on their average daily cash balance for that quarter.

Financial Highlights

- As of June 30, 2019, the Investment Pool had a net position of \$3.4 billion, a 4.2% increase from that of the prior year's \$3.2 billion.
- The net investment income, excluding changes in market appreciation in investments, was \$63.2 million, an increase of 44.7% from the prior year's \$43.7 million.
- The market value appreciation at year-end was \$0.4 million, which was greater by \$37.6 million or 101.1% than the \$(37.2) million depreciation for the prior year.
- The investment expense was approximately 1.5% of the gross investment income, versus 2.0% for the prior year.

Using this Annual Financial Report and Financial Statements

This annual report consists of two financial statements, the *Statement of Net Position* and the *Statement of Changes in Net Position*.

These statements present a snapshot of account balances at year-end and corresponding changes for the year on the accrual basis of accounting. The accrual basis of accounting provides information on the activities of the Investment Pool as a whole and presents a long-term view of the Investment Pool's finances. All of the current year's earnings and expenses are taken into account regardless of when cash is received or paid. All of the equity deposits and withdrawals include those commitments made on or before the end of the fiscal year.

Net Position

The net position – the difference between assets and liabilities – is one way to measure the Investment Pool’s financial health or position. Over time, increases or decreases in net position are one indicator of whether the Investment Pool’s financial health is improving or deteriorating. Other non-financial factors will also need to be considered. Those factors, among others, include the goals of the Investment Pool, economic conditions of the market, the cash needs of the depositors, etc.

A summary of the Investment Pool’s net position is presented below.

San Joaquin County Investment Pool CONDENSED STATEMENT OF NET POSITION

(amounts expressed in thousands, except percentages)

	As of June 30,		Variance 2019 vs. 2018	
	2019	2018	Amount	Percentage
ASSETS				
Cash & Investments at Fair Value	\$3,335,379	\$3,214,085	\$121,294	3.77%
Receivables	24,885	11,360	13,524	119.06%
TOTAL ASSETS	3,360,264	3,225,445	134,819	4.18%
LIABILITIES				
Investment Expenses Payable	0	223	(223)	(100.0%)
TOTAL LIABILITIES	0	223	(223)	(100.0%)
NET POSITION HELD IN TRUST FOR POOL PARTICIPANTS	\$3,360,264	\$3,225,222	\$135,042	4.19%

Changes in Net Position

The Statement of Changes in Net Position presents information on how the Investment Pool’s net position changed during fiscal year 2019. The increases include additions to investments, investment earnings and changes in fair value of investments. Unrealized gains or losses of securities are determined by taking the difference between amortized cost and the fair value of investments. The deductions consist of deductions from investment pool participant investments, distributions to the Investment Pool’s participants and administrative expenses.

All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, additions and deductions are reported in this statement for some items that will result in cash flows in future fiscal periods.

A summary of the changes in the Investment Pool’s net position is presented below.

San Joaquin County Investment Pool
CONDENSED STATEMENT OF CHANGES IN NET POSITION
(amounts expressed in thousands, except percentages)

	For the Fiscal Year Ended June 30,		Variance 2019 vs. 2018	
	2019	2018	Amount	Percentage
ADDITIONS				
Additions to Pooled Investments	\$8,901,445	\$10,892,131	\$(1,990,686)	-18.28%
Net Investment Income	63,223	43,697	19,526	44.68%
Allocation of Changes in Market Value	37,586	(22,277)	59,862	-268.72%
Appreciation/(Depreciation)				
TOTAL ADDITIONS	9,002,254	10,913,551	(1,911,297)	-17.51%
DEDUCTIONS				
Deductions from Pooled Investments	8,803,989	10,750,702	(1,946,713)	-18.11%
Investment Income Apportioned to Pool Participants	63,223	43,697	19,526	44.68%
TOTAL DEDUCTIONS	8,867,212	10,794,399	(1,927,187)	-17.85%
Changes in Net Position	135,042	119,152	15,890	13.34%
Net Position Beginning of Year	3,225,222	3,106,070	119,152	3.84%
NET POSITION END OF YEAR	\$3,360,264	\$3,225,222	\$135,042	4.19%

Net Investment Income

Net investment income increased by \$19.5 million from the prior year. Since we held all investments to their maturity, the income from changes in market value appreciation is excluded. If we include it, the net investment income then increased by \$79.4 million from that of the prior year.

Changes in investment income and investments owned from the prior year are shown below (in thousands, except percentages):

	<u>FY 2018-19</u>	<u>FY 2017-18</u>	<u>INCREASE / (DECREASE)</u>	
			<u>Amount</u>	<u>Percentage</u>
Investment income – excluding changes in market value appreciation (depreciation)	\$63,223	\$ 43,697	\$19,525	44.68%
Investments owned at year-end – Book Value	3,383,710	\$ 3,305,212	\$ 78,498	2.37 %
Investment income – including changes in market value appreciation (depreciation)	\$100,808	\$ 21,420	79,388	370.62%
Investments owned at year-end – Fair Value	3,384,101	3,268,017	\$ 116,084	3.55 %

Investment Yield and Income Apportionment Factor

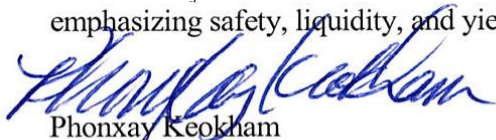
Based on our cash flow projections, 98% of the funds we hold are invested and the remaining cash and deposits are kept to meet the cash needs of the depositors. Hence, the investment yield is different from the income apportionment factor. The investment yield is the return on our investments, while the income apportionment factor is the actual return on total funds held by us.

	<u>FY 2018-19</u>	<u>FY 2017-18</u>
Investment yield – average	1.98%	1.40%
Income apportionment factor (ROR* on balance)	2.01%	1.43%
Investment yield as a % of ROR* on invested balance	98.45%	97.91%

*Rate of Return

Economic Factors and Next Year’s Projection

The economy once again saw a decrease in unemployment with a strong boost in job gains. Household spending also contributed to the strong economy. The Federal Funds Rate increased from 1.75% to 2.00%, and the prime rate moved from 5.00% to 5.50% for the period of July 2018 to June 2019. We estimate the investment yield to decrease as we anticipate rate cuts while we continue to maintain a balanced portfolio emphasizing safety, liquidity, and yield.



Phonxay Keokham
Treasurer-Tax Collector
County of San Joaquin

BASIC FINANCIAL STATEMENTS

**COUNTY OF SAN JOAQUIN
TREASURER–TAX COLLECTOR – POOLED INVESTMENT FUNDS
STATEMENT OF NET POSITION
JUNE 30, 2019**

	<u>Total Treasurer’s Investment Funds</u>
ASSETS	
Cash and Investments:	
Book value	\$ 3,334,988,298
Market value appreciation	<u>390,564</u>
Cash & investments (Fair Value)	<u>3,335,378,862</u>
Receivables:	
Investment income receivable	15,762,940
Investment income apportionment	<u>9,121,797</u>
Total receivables	<u>24,884,737</u>
TOTAL ASSETS	<u>3,360,263,598</u>
LIABILITIES	
Investment expenses payable	<u>0</u>
TOTAL LIABILITIES	<u>0</u>
NET POSITION HELD IN TRUST FOR POOL PARTICIPANTS	<u>\$ 3,360,263,598</u>

The accompanying notes are an integral part of the financial statements.

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
STATEMENT OF CHANGES IN NET POSITION
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

	<u>Total Treasurer's Investment Funds</u>
ADDITIONS	
Additions to funds managed by the Treasurer	\$ 8,901,444,817
Net investment income	63,222,708
Allocation of changes in market value appreciation/(depreciation)	<u>37,585,546</u>
Total Additions	<u>9,002,253,071</u>
DEDUCTIONS	
Deductions from funds managed by the Treasurer	8,803,988,775
Investment income apportioned to pool participants	<u>63,222,708</u>
Total Deductions	<u>8,867,211,483</u>
CHANGES IN NET POSITION	<u>135,041,588</u>
NET POSITION – BEGINNING OF YEAR	<u>3,225,222,010</u>
NET POSITION – ENDING	<u>\$ 3,360,263,598</u>

The accompanying notes are an integral part of the financial statements

NOTES TO THE FINANCIAL STATEMENTS

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

In accordance with Government Code (GC) §27000, the Treasurer of the County of San Joaquin (County) has the fiduciary responsibility of receiving and keeping safely “all money belonging to the County and all other money directed by law to be paid to him and apply and pay it out, rendering the account as required by law”. Pursuant to GC §53607, the County Treasurer, as delegated by the Board of Supervisors and the legislative body of other agencies, has the authority and responsibility to invest or reinvest funds so deposited with the County Treasury. This authority and responsibility are renewable annually and were first formalized by County Ordinance §2-2951 in March 1996. The most recent renewal was made on December 4, 2018 (Board Order B-18-727).

The County Treasurer manages the investments on a "pool" basis, unless special agreements call for an "individual" or "direct" investment. There were no such special agreements for FY 2018-19.

a. Investment Valuation

All investments, including those with remaining maturities of less than ninety days, are valued at the last quoted sales price on the market in accordance with Statement No. 31 of the Governmental Accounting Standards Board (GASB), *Accounting and Financial Reporting for Certain Investments and for External Investment Pools*.

b. Basis of Accounting

The County Treasurer maintains the accounting records of the investment income and distribution on the accrual basis of accounting, which provides that revenues be recognized when earned and expenditures, mainly the distribution of investment earnings, be recorded when the related liability is incurred.

Investments are recorded at cost, and where applicable includes amortization of investment premiums and discounts.

Investment transactions are accounted for on a trade date basis. Interest income includes amortization of investment premiums and discounts. The unrealized market appreciation/(depreciation) is not apportioned to pool participants as it is not available in the form of cash and the Treasurer does not liquidate the investment portfolio until the investments mature.

c. Investment Participants' Equity Transactions

The additions and reductions to the fund managed by the Treasurer represents the participants' deposits, disbursements, and withdrawals made in FY 2018-19. The deposits, disbursements, and withdrawals include all outstanding deposits and payables at year-end.

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

d. Investment Pool Participants

The Investment Pool participants are classified into two major groups: (1) Superior Court, Schools and Local Board Districts; and (2) County Funds. The Superior Court is governed by the State's Administrative Office of the Courts and the Schools and Local Board Districts represent all school districts and special districts governed by local boards within the County of San Joaquin. These entities are either required by law or have chosen to maintain funds with the County Treasurer.

County Funds include all of the County's operating and trust funds, the County's clearing (holding) accounts, and special districts' funds controlled by the County Board of Supervisors. The *Un-apportioned Interest Earnings Trust Fund*, a County holding fund, is presented separately on the financial statements to provide the accounting of the operational results of the pool investment.

e. Comparative Data

Comparative data for the prior year have been presented in certain sections of the accompanying financial statements in order to provide an understanding of changes in the Treasurer's Pooled Investment Funds financial position and operations.

NOTE 2: INVESTMENT POLICY

Pursuant to Government Code §27000.3(c) and §53600.3, the County Treasurer operates its temporary pooled surplus money investment program under the "Prudent Investor Standard." As required by Government Code §27000.5 and §53600.5 regarding funds controlled by the County Treasury, the Treasurer's investment policy sets three objectives in their order of priority as follows:

- Safety – safeguard the principal of the funds
- Liquidity – meet the cash needs of the depositor
- Yield – achieve a return on the funds

On average, the Treasurer invested approximately 98.86% of the total funds deposited in the Treasury during the audited period, approximately the same as prior year's 98.88%. The remaining funds were held in the bank as a compensated balance requirement. The Treasurer generally holds all investments to maturity.

**COUNTY OF SAN JOAQUIN
 TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
 NOTES TO THE FINANCIAL STATEMENTS
 FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

Government Code §53601 and §53635 restrict the types of investments in which the County Treasurer can invest. Based on these statutes, the County Treasurer investment policy lists the authorized investments as follows:

- US Treasury bills, notes, and bonds
- Registered California State Warrants or Bonds
- Federal Agency issues of FNMA, FHLMC, FFCB, and FHLB
- Medium Term Notes
- Time Deposits
- Commercial Paper
- Banker’s Acceptances
- Repurchase Agreements
- Mutual Funds
- Registered California State Warrants or Bonds
- Local Agency Investment Fund (LAIF)
- California Asset Management Program (CAMP)
- Government Code §53601(m) Specific Securities
- Bank Deposits

The investment policy also places certain restrictions on the structure of the Treasurer's investment portfolio. For example: (a) banker’s acceptances are limited to 40% of the investment portfolio and 30% of the banker’s acceptances of one commercial bank; (b) commercial paper is limited to 30% percent of the investment portfolio and maximum maturity of 270 days; and (c) certificates of deposit are limited to 30% of investments and maximum maturity of one year. Assuming all callable investments are held to maturity, the maturity structure of pooled investments as of June 30, 2018, and 2019 was as follows:

	<u>1 day - 30 days</u>	<u>31 days - 180 days</u>	<u>181 days - 1 year</u>	<u>More than one year</u>
06/30/18	14%	30%	8%	48%
06/30/19	25%	24%	10%	41%

The average number of days from the end of each fiscal year to the maturity date of the pooled investments held on hand at June 30, 2018, and 2019 were 482 and 396 days, respectively.

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

NOTE 3: CASH AND INVESTMENTS

The investment pool includes both voluntary and involuntary participation from external entities. Interest earned on investments is credited to individual funds based on their average daily cash balances. The Revolving Loan Fund Trusts and restricted Certificates of Participation proceeds are invested and managed separately from the pooled cash and investments.

As of June 30, 2019, the County’s cash, deposits, and investments were as follows:

	<u>Investment Pool</u>
Cash on hand	\$ 158,425
Imprest cash	332,345
Deposits with financial institutions	18,812,220
Outstanding warrants	(68,024,648)
Investments	<u>3,384,100,521</u>
Total	<u>\$ 3,335,378,862</u>

Investment Pool

The County Treasurer’s Pool is not SEC-registered, but is invested in accordance with California State Government Code and the County Treasurer’s Investment Policy. The California statutes and the County’s investment policy authorize the County to invest in obligations of the U.S. Treasury, certain Federal agencies, bankers’ acceptances, “prime” commercial paper, certificates of deposit, swaps and trades, Registered California State Warrants or Bonds, State Treasurer’s Local Agency Investment Fund, California Asset Management Program, and repurchase agreements. All of the County Treasurer’s investments are of a mid-term and short-term nature. California State Government Code provides for the formation of an Investment Oversight Committee, which is charged with overseeing activity in the pool for compliance to policy and code requirements. To this end, the Oversight Committee annually reviews the County’s investment policy and causes an audit of investments to occur.

The table below identifies the investment types that are authorized for public funds of the County by the California Government Code and the Investment Pool’s investment policy, whichever is more restrictive. The table also identifies certain provisions of the California Government Code that address interest rate risk, credit risk, and concentration of credit risk.

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

NOTE 3: CASH AND INVESTMENTS (CONTINUED)

Investment Types Authorized by State Law	Maximum Percentage Of Portfolio	Maximum Maturity	Maximum Investment in One Issuer
United States (U.S.) Treasury Obligations	None	5 Years	None
U.S. Government Sponsored Enterprise Securities	None	5 Years	None
Medium Term Notes	30%	3 Years	None
Time Deposits	30%	1 Year	None
Commercial Paper	30%	270 Days	\$50,000,000
Banker’s Acceptances	40%	N/A	30%
Repurchase Agreements	None	1 Year	None
Mutual Funds and Money Market Mutual Funds	20%	N/A	None
California State Warrants or Bonds	None	N/A	None
Negotiable Certificates of Deposit	30%	1 Year	10%
Bank Deposits	10%	N/A	\$100,000,000
Local Agency Investment Fund (LAIF)	None		\$ 65,000,000
California Asset Management Program (CAMP)	10%		\$150,000,000

Deposits

At year-end, the carrying amount of the County’s cash on hand and authorized deposits at various financial institutions was \$40.4 million. Of the total deposits, the first \$250,000 is insured by the Federal Depository Insurance Corporation. The remaining was uninsured but secured by the pledging banks and, therefore, was exposed to custodial credit risk. The custodial credit risk is the risk that in the event of a bank failure, the total deposits may not be returned to it.

Statutes and County investment policy allow the pool deposits be covered by federal depository insurance or by a multiple financial institution collateral pool, which is maintained at a minimum of 110% of the uninsured deposits with the pledging institution’s agent in the institution’s name. The County Treasurer has made no exceptions to this requirement during the current year.

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

NOTE 3: CASH AND INVESTMENTS (CONTINUED)

Investments

As of June 30, 2019, the County had the following pool investments:

	Fair Value ("FV")	Wtd. Avg. Maturities (Days)	FV as a % of the Pool Investments	Credit Rating S&P/MIS*
Commercial Paper	\$ 425,954,714	74	12.6%	A1 / P1
Federal Farm Credit Bank	592,183,487	592	17.5%	AA+ / AAA
Federal Home Loan Bank	990,371,199	334	29.3%	AA+ / AAA
Federal Home Loan Mortgage Corp.	550,884,352	776	16.3%	AA+ / AAA
Federal National Mortgage Assn.	372,565,098	539	11.0%	AA+ / AAA
California Asset Management Program	150,000,000	0	4.4%	NR / NR
Med. Term Note - IBM Corporation	9,821,718	320	0.3%	A1+ / A1
California GO Refunding Bonds	10,318,039	63	0.3%	NR /Aa2
Bank of the West Money Market Plus	50,000,000	N/A	1.5%	*A / *A3
Bank of the West Dreyfus Sweep Account	113,026,236	N/A	3.3%	**AA+ / **AAA
U.S. Treasuries	53,975,678	182	1.6%	AA+ / AAA
State Local Agency Investment Fund (LAIF)	65,000,000	N/A	1.9%	NR
Total	\$3,384,100,521	396	100.0%	

N/A – Not Applicable

* S&P - Standard and Poor's

NR – Not Rated

MIS - Moody's Investor Services

*The Money Market Account held at Bank of the West has no rating; however, we have listed the rating for the entire financial institution.

**The Sweep (Dreyfus) Account has no rating; however, its portfolio consists only of US Treasury and US Agency holdings, which are rated AA+ by S&P and AAA by Moody's.

Interest Rate Risk is the risk that changes in interest rates will adversely affect the fair value of an investment. In accordance with the County investment policy, the County Treasurer manages the exposure to declines in fair values by limiting the weighted average maturity of the investment portfolio to three years or less. As of June 30, 2019, the weighted average maturity of the pool investments was 396 days.

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

NOTE 3: CASH AND INVESTMENTS (CONTINUED)

Investments (Continued)

Credit Risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. California statutes and the County’s investment policy limit the County Treasurer investments to obligations of the U.S. Treasury, certain Federal agencies, registered California state warrants or bonds, banker’s acceptances, “prime” commercial paper, certificates of deposit, State Treasurer’s Local Agency Investment Fund (LAIF), medium-term notes, and repurchase agreements. Credit ratings of pool investments at June 30, 2019 are presented above.

Concentration of Credit Risk is the loss risk attributed to the magnitude of a government’s investment in a single issuer representing 5% or more of total investments. The County’s investment policy places a 30% maximum per commercial bank on banker’s acceptances. There are no limits per issuer on commercial paper and certificates of deposit but the total for each may not exceed 30% of the total investment portfolio as indicated in Note 2.

Investments in any one issuer (other than U.S. Treasury securities, mutual funds and external Investment Pools) representing 5% or more of the Investment Pool are as follows:

Issuer	Fair Value	% of Total Investments
Federal Home Loan Bank	990,371,200	29.3%
Federal Farm Credit Bank	592,183,487	17.5%
Federal Home Loan Mortgage Corp..	550,884,352	16.3%
Commercial Paper	425,954,714	12.6%
Federal National Mortgage Assn.	372,565,098	11.0%

The County is a participant in the Local Agency Investment Fund (LAIF), which is regulated by California Government Code Section 16429 under the oversight of the Treasurer of the State of California. Each entity may invest up to \$65,000,000 per account without limitation in special bond proceeds amounts. Investments in LAIF are highly liquid, as deposits can be converted to cash within 24 hours without loss of interest. The County withdraws money on a cost basis. The pool is not registered with the SEC. The County’s investments with LAIF at June 30, 2019 included a portion of the pool funds invested in structured notes and asset-backed securities, defined as follows:

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

NOTE 3: CASH AND INVESTMENTS (CONTINUED)

Investments (Continued)

Structured Notes – Debt securities (other than asset-backed securities) whose cash flow characteristics (coupon rate, redemption amounts, or stated maturity) depend upon one or more indices and/or that have embedded forwards or options.

Asset-Backed Securities – Generally mortgage-backed securities that entitle their purchasers to receive a share of the cash flows from a pool of assets such as principal and interest repayments from a pool of mortgages (for example, collateralized mortgage obligations) or credit card receivables.

Custodial Credit Risk is the risk that, in the event of the failure of the counterparty to a transaction, the County will not be able to recover the value of its investments or collateral securities that are in the possession of the outside party. There were no investments in repurchase agreements or securities lending transactions that exposed the County Treasurer investments to this type of risk.

Fair Value Measurements

The County categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the assets. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described as follows:

Level 1 – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the County has the ability to access.

Level 2 – Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means, such as matrix pricing.

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

NOTE 3: CASH AND INVESTMENTS (CONTINUED)

Investments (Continued)

Fair Value Measurements (Continued)

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair value measurement. Unobservable inputs reflect the County’s own assumptions about the inputs market participants would use in pricing the asset or liability (including assumptions about risk). Unobservable inputs are developed based on the best information available in the circumstances and may include the County’s own data.

The asset’s level within the hierarchy is based on the lowest level of input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs. The determination of what constitutes observable requires judgment by the County’s management. County management considers observable data to be that market data, which is readily available, regularly distributed or updated, reliable, and verifiable, not proprietary, and provided by multiple independent sources that are actively involved in the relevant market. The categorization of an investment within the hierarchy is based upon the relative observability of the inputs to its fair value measurement and does not necessarily correspond to County management’s perceived risk of that investment.

In instances where inputs used to measure fair value fall into different levels in the above fair value hierarchy, fair value measurements in their entirety are categorized based on the lowest level input that is significant to the valuation. The County’s assessment of the significance of particular inputs to these fair value measurements requires judgment and considers factors specific to each asset or liability.

Deposits and withdrawals in governmental investment pools, such as LAIF, are made on the basis of \$1 and not fair value. Accordingly, the County’s proportionate share in these types of investments is an uncategorized input not defined as a Level 1, Level 2, or Level 3 input.

The following is a description of the valuation methods and assumptions used by the County to estimate the fair value of its investments. There have been no changes in the methods and assumptions used at June 30, 2019. The methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. County management believes its valuation methods are appropriate and consistent with other market participants. The use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The County’s treasury pools asset market prices are derived from closing bid prices as of the last business day of the month as supplied by Interactive Data, Bloomberg, or Telerate. Where prices are not available from

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

NOTE 3: CASH AND INVESTMENTS (CONTINUED)

Investments (Continued)

Fair Value Measurements (Continued)

generally recognized sources, the securities are priced using a yield-based matrix system to arrive at an estimated market value. Prices that fall between data points are interpolated. Non-negotiable FDIC-insured bank certificates of deposit are priced at par.

When available, quoted prices are used to determine fair value. When quoted prices in active markets are available, investments are classified within Level 1 of the fair value hierarchy.

For investments classified with Level 2 of the fair value hierarchy, the County’s custodians generally use a multi-dimensional relational model. Inputs to their pricing models are based on observable market inputs in active markets. The inputs to the pricing models are typically benchmark yields, reported trades, broker-dealer quotes, issuer spreads, and benchmark securities, among others. The County does not have any investments that are measured using Level 3 Inputs.

The County has the following recurring fair value measurements as of June 30, 2019:

	Fair Value at June 30, 2019	Fair Value Measurements Using		
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Investments by Fair Value Level				
Commercial paper	\$ 425,954,714	\$ -	\$ 425,954,714	\$ -
Federal Farm Credit Bank	592,183,487	-	592,183,487	-
Federal Home Loan Banks	990,371,200	-	990,371,200	-
Federal Home Loan Mortgage Corporation	550,884,352	-	550,884,352	-
Federal National Mortgage Association	372,565,098	-	372,565,098	-
Medium Term Note - IBM	9,821,718	-	9,821,718	-
US T-Bills	29,565,333	-	29,565,333	-
US T-Strips	24,410,345	-	24,410,345	-
General Obligation Bonds - California	10,318,039	-	10,318,039	-
Total investments by fair value level	<u>3,006,074,286</u>	<u>\$ -</u>	<u>\$ 3,006,074,287</u>	<u>\$ -</u>
Investments not required to be leveled according to the hierarchy				
Money market account - Bank of the West	50,000,000			
Sweep account - Bank of the West	113,026,236			
California Asset Management Program (CAMP)	150,000,000			
State Local Agency Investment Fund (LAIF)	65,000,000			
Total investments	<u>\$ 3,384,100,522</u>			

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

NOTE 4: INTEREST EARNINGS

Tracker investment software is used by the County Treasurer to record all Investment Pool interest earned, including amortization of discounts and premiums, for the month regardless of whether the interest has been received or not (accrual basis of accounting). At the end of each quarter, the monthly interest earned is compiled to determine the quarter's interest earnings that will be apportioned to the Investment Pool participants.

With regard to direct investments, the interest income is directly credited to the investing entities upon receipt of the interest income. There were no direct investments for FY 2018-19.

NOTE 5: DISTRIBUTION OF NET INVESTMENT INCOME

The distribution or apportionment of net investment income to eligible funds in the Investment Pool is done quarterly pursuant to Government Code § 53647. It is computed by multiplying the average daily cash balance by the interest apportionment factor for the quarter.

The interest apportionment factor for a quarter is determined by dividing the investment earnings for the quarter by the average daily cash balances of all funds deposited with the County Treasurer for the quarter. The County's Tax & Revenue Anticipation Note (TRANS) proceeds, if any, are excluded from the computation of investment earnings and average daily cash balances in determining the apportionment factor since they are not part of the Investment Pool.

All funds are entitled to interest earnings with the exception of County clearing funds and funds specified by the Board of Supervisors or the Courts as non-interest bearing.

After all funds entitled to interest earnings have been apportioned their share, the remainder of the quarterly interest earned is credited to the County General Fund.

Interest apportioned to property tax funds is reallocated to all applicable agencies that receive property tax allocations based on a combined tax apportionment factor, which includes the 1% secured property tax, special assessments, and unsecured property taxes apportioned to each agency.

NOTE 6: TEETER PLAN

Pursuant to Revenue and Taxation Code §4701, the County has opted into the Alternative Method of Property Tax Distribution method since fiscal year 1993-94. This method is known as the *Teeter Plan*. Under the Teeter Plan, the County and all other taxing agencies receive 100% of the current secured tax levy and special assessments. In order to convert to the Teeter Plan, the County buys out the existing delinquent taxes owed to

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

NOTE 6: TEETER PLAN (CONTINUED)

each taxing agency at June 30 of each year and uses the inter-fund borrowing method to finance the buy-out on an annual basis.

Based on the Notes issued by the County Treasurer, the County agrees to pay interest on the note from the date of borrowing at the investment rate earned on investments held by the County Treasurer as specified on the *Treasurer’s Quarterly Interest Earnings Report*. The inter-fund borrowing is evidenced by the *Tax Resource Trust Fund*. The interest earned on the Teeter Note is apportioned to pool participants on a quarterly basis.

A Teeter Note was not needed for FY 2018-19. Prior years’ notes and their interest are as follows:

Teeter Plan FY	Date	\$ Amount	\$ Interest	Maturity Date
2007-2008	July 1, 2007	27,000,000	1,193,484	July 1, 2008
2008-2009	July 1, 2008	41,000,000	790,682	July 1, 2009
2009-2010	July 1, 2009	42,000,000	317,604	July 1, 2010
2010-2011	June 22, 2010	28,500,000	180,026	July 1, 2011
2011-2012	June 28, 2011	14,500,000	49,789	July 1, 2012
2012-2013	No Note Needed			
2013-2014	No Note Needed			
2014-2015	No Note Needed			
2015-2016	No Note Needed			
2016-2017	No Note Needed			
2017-2018	No Note Needed			

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
NOTES TO THE FINANCIAL STATEMENTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

NOTES TO THE FINANCIAL STATEMENTS (continued)

NOTE 7: AUDITOR INDEPENDENCE

As required by various statutes within the California Government Code, County Auditor-Controllers are mandated to perform certain accounting, auditing and financial reporting functions. These activities, in themselves, necessarily impair the auditor's independence. Specifically, "Auditors should not audit their own work or provide non-audit services in situations where the amounts or services involved are significant or material to the subject matter of the audit." Although the Office of the Auditor-Controller is statutorily obligated to maintain accounts of departments, districts or funds that are contained within the Investment Pool, we believe that adequate safeguards and divisions of responsibility exist to mitigate the impairment of independence. Therefore, we believe that subject to this qualification and disclosure, the reader can rely on the auditor's opinion contained in this report.

SUPPLEMENTAL INFORMATION

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
COMBINING STATEMENT OF NET POSITION
JUNE 30, 2019 (WITH COMPARATIVE TOTALS FOR JUNE 30, 2018)**

	Pool Investment			Total Treasurer's Investment Funds	
	Superior Court, School/Local Board Districts	Unapportioned Interest Earnings Trust	County Funds	FY 2018-19	FY 2017-18
ASSETS					
Cash and Investments:					
Book value	\$ 1,749,525,686	\$ 2,703,482	\$ 1,582,759,130	\$ 3,334,988,298	\$ 3,251,280,055
Market value appreciation (depreciation)	204,684	-	185,880	390,564	(37,194,982)
Cash & investments (Fair Value)	1,749,730,370	2,703,482	1,582,945,010	3,335,378,862	3,214,085,073
Receivables:					
Investment income receivable	-	15,762,940	-	15,762,940	11,359,854
Investment income apportionment receivable (payable)	9,121,797	(17,845,338)	17,845,338	9,121,797	-
Total receivables	9,121,797	(2,082,398)	17,845,338	24,884,737	11,359,854
TOTAL ASSETS	1,758,852,167	621,084	1,600,790,348	3,360,263,598	3,225,444,927
DEFERRED OUTFLOW OF RESOURCES	-	-	-	-	-
LIABILITIES					
Investment expenses payable	-	-	-	-	222,917
TOTAL LIABILITIES	-	-	-	-	222,917
DEFERRED INFLOW OF RESOURCES	-	-	-	-	-
NET POSITION HELD IN TRUST FOR POOL PARTICIPANTS	\$ 1,758,852,167	\$ 621,084	\$ 1,600,790,348	\$ 3,360,263,598	\$ 3,225,222,010

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
COMBINING STATEMENT OF CHANGES IN NET POSITION
FOR THE FISCAL YEAR ENDED JUNE 30, 2019**

	Pool Investment			Total Treasurer's Investment Funds
	Superior Court, School/Local Board Districts	Unapportioned Interest Earnings Trust	County Funds	FY 2018-19
ADDITIONS				
Additions to funds managed by the Treasurer	\$ 5,470,949,192	\$ 1,108,068	\$ 3,429,387,557	\$ 8,901,444,817
Net investment income	31,301,459	-	31,921,249	63,222,708
Allocation of changes in market value appreciation/(depreciation)	18,952,512	-	18,633,034	37,585,546
Total Additions	<u>5,521,203,163</u>	<u>1,108,068</u>	<u>3,479,941,840</u>	<u>9,002,253,071</u>
DEDUCTIONS				
Deductions from funds managed by the Treasurer	5,357,579,231	-	3,446,409,544	8,803,988,775
Investment income apportioned to pool participants	31,301,459	-	31,921,249	63,222,708
Total Deductions	<u>5,388,880,690</u>	<u>-</u>	<u>3,478,330,793</u>	<u>8,867,211,483</u>
CHANGES IN NET POSITION	<u>132,322,473</u>	<u>1,108,068</u>	<u>1,611,047</u>	<u>135,041,588</u>
NET POSITION - BEGINNING:				
Reserved for unrealized market value appreciation	(18,747,828)	-	(18,417,796)	(37,194,982)
Unrestricted	1,645,277,521	(486,984)	1,617,597,096	3,262,416,993
Adjustments to Beginning Net Position	-	-	-	-
NET POSITION - BEGINNING OF YEAR	<u>1,626,529,693</u>	<u>(486,984)</u>	<u>1,599,179,300</u>	<u>3,225,222,011</u>
NET POSITION - ENDING:				
Reserved for unrealized market value appreciation	204,684	-	185,880	390,564
Unreserved	1,758,647,483	621,084	1,600,604,468	3,359,873,035
NET POSITION - ENDING	<u>\$ 1,758,852,167</u>	<u>\$ 621,084</u>	<u>\$ 1,600,790,348</u>	<u>\$ 3,360,263,599</u>

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
SCHEDULE OF INVESTMENTS OWNED
JUNE 30, 2019**

Par Value	DATE		Description	Cost	Fair Value	% of Total Investments at Fair Value
	Settlement	Maturity				
COMMERCIAL PAPER:						
15,000,000.00	05/07/19	07/05/19	TOYOTA	14,940,508.33	14,938,899.00	0.44%
50,000,000.00	04/10/19	07/08/19	CHEVRON	49,703,333.33	49,698,330.00	1.47%
20,000,000.00	06/24/19	07/08/19	METLIFE	19,982,111.11	19,979,665.33	0.59%
50,000,000.00	04/08/19	07/09/19	PFIZER	49,688,222.22	49,683,887.22	1.47%
10,000,000.00	06/24/19	07/15/19	METLIFE	9,986,583.33	9,985,399.67	0.30%
20,000,000.00	06/26/19	07/15/19	METLIFE	19,975,933.33	19,973,399.33	0.59%
10,000,000.00	06/25/19	07/24/19	TOYOTA	9,981,472.22	9,980,338.56	0.29%
15,000,000.00	04/24/19	08/07/19	COCACOLA	14,894,562.50	14,893,386.33	0.44%
5,000,000.00	04/03/19	08/08/19	COCACOLA	4,955,902.78	4,956,010.95	0.15%
10,000,000.00	12/10/18	08/21/19	COCACOLA	9,798,211.11	9,804,332.22	0.29%
20,000,000.00	06/17/19	09/17/19	MERCK	19,885,000.00	19,884,344.00	0.59%
35,000,000.00	01/29/19	10/01/19	APPLE	34,380,694.44	34,412,889.78	1.02%
50,000,000.00	04/15/19	10/16/19	ELI LILLY	49,373,888.89	49,407,313.89	1.46%
25,000,000.00	04/11/19	11/13/19	NESTLE	24,640,000.00	24,660,049.17	0.73%
20,000,000.00	04/24/19	11/14/19	COCACOLA	19,716,666.67	19,737,672.45	0.58%
50,000,000.00	05/17/19	12/02/19	IBM	49,300,736.11	49,373,733.89	1.46%
10,000,000.00	04/08/19	12/31/19	TOYOTA	9,812,358.33	9,833,479.44	0.29%
15,000,000.00	04/10/19	01/02/20	TOYOTA	14,721,318.75	14,751,582.75	0.44%
\$ 430,000,000.00	Total Commercial Paper			\$ 425,737,503.45	\$ 425,954,713.96	12.59%

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
SCHEDULE OF INVESTMENTS OWNED
JUNE 30, 2019**

Par Value	DATE		Description	Cost	Fair Value	% of Total Investments at Fair Value
	Settlement	Maturity				
U.S. GOVERNMENT AGENCY OBLIGATIONS:						
25,000,000.00	12/05/17	09/05/19	FFCB-B	25,000,000.00	24,990,000.00	0.74%
10,000,000.00	11/05/15	11/05/19	FFCB-B	9,980,624.17	9,961,621.71	0.29%
10,000,000.00	06/05/18	12/05/19	FFCB-B	9,995,000.00	10,016,941.61	0.30%
10,000,000.00	12/12/17	12/12/19	FFCB-B	9,997,500.00	9,996,765.07	0.30%
25,000,000.00	04/06/17	04/06/20	FFCB-B	25,045,250.00	24,949,398.49	0.74%
10,000,000.00	06/11/18	06/11/20	FFCB-B	9,996,300.00	10,039,156.36	0.30%
10,000,000.00	06/15/15	06/15/20	FFCB-B	9,995,000.00	9,964,660.59	0.29%
10,000,000.00	12/14/18	12/14/20	FFCB-B	9,993,230.00	10,123,966.27	0.30%
10,000,000.00	04/16/19	12/16/20	FFCB-B	9,994,500.00	10,075,723.77	0.30%
25,000,000.00	12/28/16	12/28/20	FFCB-B	25,019,000.00	25,034,886.38	0.74%
20,000,000.00	05/10/18	05/10/21	FFCB-B	19,976,000.00	20,324,490.51	0.60%
25,000,000.00	06/24/19	06/24/21	FFCB-B	25,000,000.00	25,054,250.00	0.74%
20,000,000.00	07/02/18	07/02/21	FFCB-B	20,000,000.00	20,356,800.00	0.60%
10,000,000.00	11/02/17	11/02/21	FFCB-B	10,013,400.00	10,019,748.94	0.30%
25,000,000.00	11/01/17	11/01/22	FFCB-B	25,023,500.00	25,193,549.01	0.74%
15,000,000.00	04/17/19	01/17/23	FFCB-B	15,000,000.00	15,003,900.00	0.44%
10,000,000.00	02/15/17	08/15/19	FFCB-C	9,914,800.00	9,903,502.09	0.29%
20,000,000.00	09/06/16	09/06/19	FFCB-C	19,974,000.00	19,950,814.61	0.59%
10,000,000.00	01/06/17	01/06/20	FFCB-C	10,000,000.00	9,986,400.00	0.30%
23,000,000.00	01/06/17	01/06/20	FFCB-C	23,000,000.00	22,968,720.00	0.68%
10,000,000.00	02/10/17	02/10/20	FFCB-C	9,998,000.00	9,976,910.96	0.29%
15,000,000.00	12/14/17	12/14/20	FFCB-C	15,000,000.00	15,000,150.00	0.44%
10,000,000.00	04/12/19	01/12/21	FFCB-C	10,000,000.00	10,001,000.00	0.30%
10,000,000.00	08/17/16	02/17/21	FFCB-C	10,000,000.00	9,942,400.00	0.29%
25,000,000.00	04/09/19	04/09/21	FFCB-C	24,993,500.00	25,096,520.86	0.74%
10,000,000.00	06/24/19	06/24/21	FFCB-C	10,000,000.00	10,001,000.00	0.30%
15,000,000.00	07/26/16	07/26/21	FFCB-C	14,988,600.00	14,914,876.07	0.44%
10,000,000.00	11/01/17	11/01/21	FFCB-C	10,000,000.00	10,000,200.00	0.30%
9,550,000.00	12/06/17	12/06/21	FFCB-C	9,466,437.50	9,484,775.92	0.28%
15,000,000.00	06/27/19	06/27/22	FFCB-C	15,000,000.00	14,994,900.00	0.44%
25,000,000.00	11/01/17	11/01/22	FFCB-C	25,000,000.00	25,000,500.00	0.74%
20,000,000.00	06/05/19	12/05/22	FFCB-C	20,000,000.00	20,004,400.00	0.59%
10,000,000.00	06/19/19	06/19/23	FFCB-C	10,000,000.00	10,000,800.00	0.30%
25,000,000.00	12/11/18	08/09/19	FFCB-DN	24,578,250.00	24,588,500.00	0.73%
25,000,000.00	12/11/18	08/23/19	FFCB-DN	24,553,750.00	24,567,000.00	0.73%
25,000,000.00	09/26/16	09/26/19	FFCB-DN	24,986,250.00	24,941,605.02	0.74%
10,000,000.00	10/26/18	10/22/19	FFCB-DN	9,736,269.44	9,752,652.77	0.29%
592,550,000.00	Total FFCB			591,219,161.11	592,183,487.01	17.50%

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
SCHEDULE OF INVESTMENTS OWNED
JUNE 30, 2019**

Par Value	DATE		Description	Cost	Fair Value	% of Total Investments at Fair Value
	Settlement	Maturity				
15,000,000.00	11/01/16	11/01/19	FHLB	14,985,000.00	14,941,548.63	0.44%
15,000,000.00	11/01/16	11/01/19	FHLB	14,985,000.00	14,941,548.63	0.44%
20,000,000.00	09/30/16	09/30/21	FHLB	20,005,000.00	19,905,946.44	0.59%
25,000,000.00	04/06/17	07/15/19	FHLB-B	24,993,475.00	24,985,592.92	0.74%
20,000,000.00	01/29/18	01/29/20	FHLB-B	19,949,360.00	19,951,535.78	0.59%
25,000,000.00	03/27/19	03/27/20	FHLB-B	24,977,775.00	25,049,231.22	0.74%
10,000,000.00	11/29/17	05/29/20	FHLB-B	9,947,200.00	9,927,536.84	0.29%
10,000,000.00	12/12/17	06/12/20	FHLB-B	10,350,000.00	10,343,093.65	0.31%
10,000,000.00	04/02/19	07/02/20	FHLB-B	9,994,050.00	10,035,141.25	0.30%
25,000,000.00	04/04/18	07/15/20	FHLB-B	25,000,000.00	25,102,500.00	0.74%
15,500,000.00	04/04/18	08/07/20	FHLB-B	15,498,481.00	15,569,722.91	0.46%
25,000,000.00	12/11/17	12/11/20	FHLB-B	24,937,500.00	24,958,473.54	0.74%
25,000,000.00	12/11/18	12/11/20	FHLB-B	25,185,750.00	25,498,324.90	0.75%
20,000,000.00	06/14/19	06/14/24	FHLB-B	20,906,400.00	20,950,537.82	0.62%
25,000,000.00	09/27/17	09/27/19	FHLB-C	24,972,500.00	24,931,852.74	0.74%
10,000,000.00	10/29/15	04/29/20	FHLB-C	10,000,000.00	9,949,700.00	0.29%
25,000,000.00	10/30/17	05/15/20	FHLB-C	24,972,500.00	24,909,232.76	0.74%
10,000,000.00	04/09/19	10/09/20	FHLB-C	10,000,000.00	10,007,300.00	0.30%
10,000,000.00	12/29/17	12/29/20	FHLB-C	10,000,000.00	10,003,900.00	0.30%
15,000,000.00	03/27/19	01/29/21	FHLB-C	14,976,750.00	14,999,422.92	0.44%
25,000,000.00	09/01/16	09/01/21	FHLB-C	24,987,500.00	24,841,685.38	0.73%
25,000,000.00	11/23/16	11/23/21	FHLB-C	25,000,000.00	24,911,250.00	0.74%
25,000,000.00	11/30/16	11/24/21	FHLB-C	25,000,000.00	25,003,500.00	0.74%
8,000,000.00	11/30/17	11/30/21	FHLB-C	7,988,000.00	7,995,340.78	0.24%
25,000,000.00	12/15/17	12/15/21	FHLB-C	25,000,000.00	25,014,000.00	0.74%
10,000,000.00	04/22/19	04/22/22	FHLB-C	9,995,000.00	10,002,685.22	0.30%
15,000,000.00	12/13/17	12/13/22	FHLB-C	14,992,500.00	15,011,333.46	0.44%
10,000,000.00	06/29/18	06/29/23	FHLB-C	10,000,000.00	10,095,300.00	0.30%
20,000,000.00	06/06/19	06/06/24	FHLB-C	20,000,000.00	20,022,000.00	0.59%
25,000,000.00	05/14/19	07/01/19	FHLB-DN	24,921,333.33	24,922,972.22	0.74%
25,000,000.00	05/14/19	07/02/19	FHLB-DN	24,919,694.44	24,921,472.22	0.74%
25,000,000.00	07/05/19	07/05/19	FHLB-DN	24,914,777.78	24,916,972.22	0.74%
25,000,000.00	05/23/19	07/11/19	FHLB-DN	24,920,715.28	24,923,263.89	0.74%
25,000,000.00	04/10/19	07/12/19	FHLB-DN	24,846,291.67	24,849,375.00	0.73%
25,000,000.00	05/29/19	07/12/19	FHLB-DN	24,929,416.67	24,931,916.67	0.74%
25,000,000.00	05/24/19	07/17/19	FHLB-DN	24,913,750.00	24,916,402.78	0.74%
25,000,000.00	05/22/19	07/19/19	FHLB-DN	24,906,152.78	24,909,395.83	0.74%
25,000,000.00	06/17/19	07/23/19	FHLB-DN	24,944,875.00	24,946,593.75	0.74%
20,000,000.00	06/14/19	07/24/19	FHLB-DN	19,951,111.11	19,952,244.44	0.59%
20,000,000.00	09/26/18	07/26/19	FHLB-DN	19,587,583.33	19,592,372.22	0.58%
15,000,000.00	05/30/19	09/16/19	FHLB-DN	14,893,952.08	14,900,539.58	0.44%
25,000,000.00	12/12/18	09/20/19	FHLB-DN	24,500,625.00	24,524,333.33	0.72%
25,000,000.00	12/21/18	09/20/19	FHLB-DN	24,516,562.50	24,540,270.83	0.73%
20,000,000.00	12/13/18	10/04/19	FHLB-DN	19,582,083.33	19,605,683.33	0.58%
25,000,000.00	10/23/18	10/07/19	FHLB-DN	24,366,225.69	24,401,006.94	0.72%
25,000,000.00	11/21/18	11/21/19	FHLB-DN	24,351,111.11	24,398,611.11	0.72%
25,000,000.00	12/14/18	11/27/19	FHLB-DN	24,383,750.00	24,432,125.00	0.72%
25,000,000.00	11/28/18	05/28/20	FHLB-DN	24,947,000.00	25,112,015.08	0.74%
15,000,000.00	10/26/16	10/26/20	FHLB-DN	15,000,000.00	14,896,650.00	0.44%
10,000,000.00	09/27/16	09/27/21	FHLB-DN	9,995,000.00	9,917,745.35	0.29%
						0.00%
993,500,000.00	Total FHLB			989,891,752.10	990,371,199.59	29.27%

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
SCHEDULE OF INVESTMENTS OWNED
JUNE 30, 2019**

Par Value	DATE		Description	Cost	Fair Value	% of Total Investments at Fair Value
	Settlement	Maturity				
20,000,000.00	02/01/17	08/01/19	FHLMC-B	19,950,000.00	19,934,956.31	0.59%
25,000,000.00	11/01/17	05/01/20	FHLMC-B	24,850,000.00	24,757,578.95	0.73%
15,000,000.00	03/29/18	09/29/20	FHLMC-B	14,728,200.00	14,812,951.48	0.44%
10,000,000.00	11/28/16	08/28/19	FHLMC-C	9,950,000.00	9,935,841.18	0.29%
10,000,000.00	10/30/17	10/30/19	FHLMC-C	9,997,400.00	9,978,334.52	0.29%
10,000,000.00	11/28/16	11/27/19	FHLMC-C	9,989,900.00	9,966,384.83	0.29%
10,000,000.00	04/02/19	04/20/20	FHLMC-C	10,000,000.00	10,000,100.00	0.30%
25,000,000.00	09/29/17	09/29/20	FHLMC-C	25,000,000.00	24,949,500.00	0.74%
10,000,000.00	12/18/17	12/18/20	FHLMC-C	9,996,500.00	10,010,614.87	0.30%
15,000,000.00	12/18/17	03/18/21	FHLMC-C	15,000,000.00	15,007,350.00	0.44%
15,000,000.00	04/01/19	04/01/21	FHLMC-C	15,000,000.00	15,000,000.00	0.44%
15,000,000.00	04/15/19	04/15/21	FHLMC-C	15,000,000.00	15,003,150.00	0.44%
25,000,000.00	04/16/19	04/16/21	FHLMC-C	25,000,000.00	25,005,500.00	0.74%
10,000,000.00	12/28/17	12/28/21	FHLMC-C	10,000,000.00	10,002,000.00	0.30%
9,950,000.00	08/25/16	08/25/21	FHLMC-C	9,950,000.00	9,891,892.00	0.29%
25,000,000.00	08/30/16	08/27/21	FHLMC-C	24,993,903.50	24,860,292.08	0.73%
25,000,000.00	10/12/16	10/12/21	FHLMC-C	25,000,000.00	24,864,750.00	0.73%
20,000,000.00	10/18/16	10/18/21	FHLMC-C	20,000,000.00	19,910,400.00	0.59%
25,000,000.00	10/21/16	10/21/21	FHLMC-C	25,000,000.00	24,884,750.00	0.74%
25,000,000.00	11/15/16	11/15/21	FHLMC-C	25,000,000.00	24,881,500.00	0.74%
25,000,000.00	11/15/16	11/15/21	FHLMC-C	25,000,000.00	24,881,500.00	0.74%
25,000,000.00	09/29/17	09/29/22	FHLMC-C	24,975,000.00	25,009,001.37	0.74%
10,000,000.00	04/11/19	10/11/22	FHLMC-C	10,000,000.00	10,015,700.00	0.30%
15,000,000.00	04/17/19	10/17/22	FHLMC-C	15,000,000.00	15,003,300.00	0.44%
8,000,000.00	12/13/17	12/13/22	FHLMC-C	7,992,000.00	8,005,529.03	0.24%
25,000,000.00	06/26/24	06/26/24	FHLMC-C	25,012,500.00	24,981,763.70	0.74%
15,000,000.00	06/27/19	06/27/24	FHLMC-C	15,000,000.00	15,002,400.00	0.44%
25,000,000.00	10/18/19	10/18/19	FHLMC-DN	24,464,131.94	24,496,145.83	0.72%
25,000,000.00	09/14/16	09/14/20	FHLMC-DN	25,000,000.00	24,870,750.00	0.73%
25,000,000.00	08/02/16	08/02/21	FHLMC-STP	25,000,000.00	24,870,000.00	0.73%
10,140,000.00	08/18/16	02/21/20	FHLMC-ZERO	10,140,000.00	10,090,415.40	0.30%
						0.00%
						0.00%
553,090,000.00	Total FHLMC			551,989,535.44	550,884,351.54	16.28%

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
SCHEDULE OF INVESTMENTS OWNED
JUNE 30, 2019**

Par Value	DATE		Description	Cost	Fair Value	% of Total Investments at Fair Value
	Settlement	Maturity				
20,000,000.00	02/02/17	08/02/19	FNMA-B	19,757,400.00	19,741,987.93	0.58%
25,000,000.00	02/28/17	02/28/20	FNMA-B	24,967,500.00	24,878,712.33	0.74%
20,000,000.00	12/22/17	06/22/20	FNMA-B	19,780,000.00	19,764,265.06	0.58%
10,000,000.00	11/30/18	11/30/20	FNMA-B	9,748,850.00	9,878,163.06	0.29%
15,000,000.00	11/30/18	11/30/20	FNMA-B	14,617,500.00	14,815,569.77	0.44%
25,000,000.00	12/28/17	12/28/20	FNMA-B	24,898,600.00	24,945,207.48	0.74%
20,000,000.00	04/05/18	04/05/22	FNMA-B	19,490,000.00	19,878,366.74	0.59%
10,000,000.00	10/30/15	10/29/19	FNMA-C	10,000,000.00	9,978,200.00	0.29%
15,000,000.00	11/29/16	11/29/19	FNMA-C	14,854,500.00	14,807,647.26	0.44%
15,000,000.00	11/29/16	11/29/19	FNMA-C	14,854,500.00	14,807,647.26	0.44%
25,000,000.00	09/28/17	09/28/20	FNMA-C	24,995,000.00	24,937,330.29	0.74%
25,000,000.00	07/27/16	07/27/21	FNMA-C	25,000,000.00	24,918,250.00	0.74%
25,000,000.00	09/15/16	09/15/21	FNMA-C	24,975,000.00	24,860,812.43	0.73%
25,000,000.00	09/30/16	09/30/21	FNMA-C	25,000,000.00	24,843,000.00	0.73%
25,000,000.00	10/12/16	10/12/21	FNMA-C	25,000,000.00	24,871,250.00	0.73%
25,000,000.00	11/08/16	11/08/19	FNMA-DN	24,996,250.00	24,924,948.63	0.74%
25,000,000.00	08/24/16	08/24/21	FNMA-DN	24,987,500.00	24,876,380.61	0.74%
25,000,000.00	09/30/16	09/30/21	FNMA-DN	24,987,000.00	24,837,359.26	0.73%
375,000,000.00	Total FNMA			372,909,600.00	372,565,098.11	11.01%
\$ 2,514,140,000.00	Total US Government Agency Obligations			\$ 2,506,010,048.65	\$2,506,004,136.25	74.05%
US TREASURY SECURITIES:						
25,000,000.00	11/21/18	11/15/19	US T-STRIP	24,368,250.00	24,410,345.40	0.72%
20,000,000.00	12/06/18	12/05/19	US T-BILL	19,484,333.33	19,532,566.66	0.58%
10,000,000.00	11/30/18	05/31/20	US T-BILL	9,970,703.13	10,032,766.17	0.30%
\$ 55,000,000.00	Total US Treasury Securities			\$ 53,823,286.46	\$ 53,975,678.24	1.59%
MEDIUM TERM NOTES:						
10,000,000.00	05/15/18	05/15/20	MTN-IBM	9,785,000.00	9,821,717.65	0.29%
\$ 10,000,000.00	Total Medium Term Notes			\$ 9,785,000.00	\$ 9,821,717.65	0.29%

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
SCHEDULE OF INVESTMENTS OWNED
JUNE 30, 2019**

Par Value	DATE		Description	Cost	Fair Value	% of Total Investments at Fair Value
	Settlement	Maturity				
CALIFORNIA GENERAL OBLIGATION (GO) REFUNDING BONDS:						
10,385,000.00	12/21/16	09/01/19	CA GO BONDS	10,327,882.50	10,318,038.91	0.30%
\$ 10,385,000.00	Total CA General Obligation Bonds			\$ 10,327,882.50	\$ 10,318,038.91	0.30%
BANK ACCOUNTS:						
50,000,000.00	N/A	N/A	BOW MMP	50,000,000.00	50,000,000.00	1.48%
113,026,236.02	N/A	N/A	BOW Sweep Dreyfus	113,026,236.02	113,026,236.02	3.34%
\$ 163,026,236.02	Total Bank Accounts			\$ 163,026,236.02	\$ 163,026,236.02	4.82%
CALIFORNIA ASSET MANAGEMENT PROGRAM (CAMP):						
\$ 150,000,000.00	N/A	N/A	CAMP	\$ 150,000,000.00	\$ 150,000,000.00	4.43%
LOCAL AGENCY INVESTMENT FUND (LAIF):						
\$ 65,000,000.00	N/A	N/A	LAIF	\$ 65,000,000.00	\$ 65,000,000.00	1.92%
\$3,397,551,236.02	TOTAL INVESTMENTS			\$3,383,709,957.08	\$3,384,100,521.03	100.00%
	Cash on Hand				40,395,904.70	
	Less: Net Deposits in Transit and Outstanding Warrants				(89,117,564.20)	
	Cash and Investments (Fair Value)				\$3,335,378,861.53	

**COUNTY OF SAN JOAQUIN
TREASURER-TAX COLLECTOR – POOLED INVESTMENT FUNDS
SCHEDULE OF INVESTMENTS OWNED
JUNE 30, 2019**

Abbreviation	Description
BOW	Bank of the West
BOW MMP	Bank of the West - Money Market Plus
CAMP	California Asset Management Program
FFCB	Federal Farm Credit Bank
FFCB-B	Federal Farm Credit Bank - Bullet Note
FFCB-DN	Federal Farm Credit Bank - Discount Note
FHLB	Federal Home Loan Bank
FHLB-DN	Federal Home Loan Bank - Discount Note
FHLMC	Federal Home Loan Mortgage Corporation
FHLMC-C	Federal Home Loan Mortgage Corporation - Callable/Coupon
FHLMC-DN	Federal Home Loan Mortgage Corporation - Discount Note
FHLMC-STP	Federal Home Loan Mortgage Corporation - Step Note
FNMA	Federal National Mortgage Association
FNMA-C	Federal National Mortgage Association-Callable/Coupon
FNMA-DN	Federal National Mortgage Association-Discount Note
GE CO.	General Electric Company
GECC	General Electric Capital Corporation
US T-BILL	U.S. Treasury Bill
T-SLGS	U.S. Treasury Strips (Separate Trading of Registered Interest and Principal of Securities)

OTHER INDEPENDENT AUDITOR'S REPORT



**JEROME C. WILVERDING
AUDITOR-
CONTROLLER
SAN JOAQUIN COUNTY**



ASSISTANT AUDITOR-CONTROLLER
Jeffery M. Woltkamp, CPA

CHIEF DEPUTIES
Tod Hill – Accounting
Janice McCutcheon, CPA – Internal Audit
Stanley Lawrence, Property Tax

PAYROLL ADMINISTRATOR
Lori Rolleri

**REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING
AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN
AUDIT OF FINANCIAL STATEMENTS PERFORMED IN
ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

November 13, 2019

Board of Supervisors
County of San Joaquin
44 N. San Joaquin St., Suite 627
Stockton, CA 95202

Dear Board Members:

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the San Joaquin County (County) Treasurer-Tax Collector's (County Treasurer) Pooled Investment Fund (Investment Trust Fund), an Investment Trust Fund of the County, as of and for the year ended June 30, 2019, and the related notes to the financial statements, and have issued our report thereon dated November 13, 2019.

Internal Control over Financial Reporting

In planning and performing our audit, we considered the Treasurer's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the County Treasurer's internal control of financial reporting. Accordingly, we do not express an opinion on the effectiveness of the Treasurer's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance. A significant deficiency would

adversely affect the Treasurer's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the Treasurer's financial statements that is more than inconsequential will not be prevented or detected by the Treasurer's internal control.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

Compliance and Other Matters

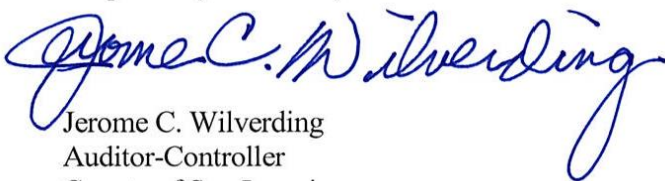
As part of obtaining reasonable assurance about whether the County Treasurer's financial statements are free from material misstatements, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grand agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

This report is intended solely for the information and use of management and the County Board of Supervisors and is not intended to be, and should not be, used by anyone other than these specified parties. However, this report is a matter of public record and its distribution is not limited.

Respectfully submitted,



Jerome C. Wilverding
Auditor-Controller
County of San Joaquin

JCW/jm