SACRAMENTO COUNTY
TREASURY OVERSIGHT COMMITTEE
Regular Meeting — Friday, November 17, 2017 / 9:00 a.m.
700 H Street, Hearing Room One, Room 1487
Sacramento, California 95814

## AGENDA

## ITEM SUBJECT

1. Call To Order And Introductions.
2. Comments From The Public.
3. Approval Of August 18, 2017, Meeting Minutes.
4. Discussion And Action On The Internal Audit Of Non-Pooled Investment Funds For The Quarter Ended September 30, 2017.
5. Status Report On Member Positions.
6. Discussion And Action On The Non-Pooled Funds Portfolio Report For The Quarter Ended September 30, 2017.
7. Discussion And Action On The Quarterly Report Of The Pooled Investment Fund For The Quarter Ended September 30, 2017, And Compliance With Investment Policy.
8. Overview Of Pooled Investment Fund Statistics From Various Jurisdictions For September 2017.
9. Discussion On The Recommended Change To The Community Reinvestment Act Program And The Investment Policy.
10. Discussion On Selection Of Banking And Custodian Services.
11. Next Meeting Reminder - Friday, February 16, 2018.
12. Adjournment.

CALL TO ORDER AND INTRODUCTIONS.

## NO WRITTEN REPORT

## ITEM 2

COMMENTS FROM THE PUBLIC.

## NO WRITTEN REPORT

## APPROVAL OF AUGUST 18, 2017, MEETING MINUTES.

SACRAMENTO COUNTY<br>TREASURY OVERSIGHT COMMITTEE<br>Regular Meeting — Friday, August 18, 2017 / 9:00 a.m.<br>700 H Street, Hearing Room One, Room 1487<br>Sacramento, California 95814

## MINUTES

PRESENT: Gerardo Castillo, Jeremy Edwards, Angelica Hernandez, Ben Lamera, Chris Parker, Ronald Seaman, Michael Smith, David Villanueva.

ABSENT: Brandon Rose.
STAFF: Peggy Marti, Alan Matré, Dave Matuskey, Bernard Santo Domingo.
GUESTS: Jerry Legg.

## 1. CALL TO ORDER AND INTRODUCTIONS.

Vice Chair Gerardo Castillo called the meeting to order at 9:00 a.m.
2. COMMENTS FROM THE PUBLIC.

Jerry Legg of Five Star Bank asked the committee to consider revising the bank credit rating requirements in the investment policy for the Community Reinvestment Act Program deposits.
3. APPROVAL OF MAY 19, 2017, MEETING MINUTES.

The minutes of the May 19, 2017, meeting were approved as amended on a motion made by Ronald Seaman, seconded by Chris Parker, and carried (7-0) with one abstention.
4. DISCUSSION AND ACTION ON THE INTERNAL AUDIT OF NON-POOLED INVESTMENT FUNDS FOR THE QUARTER ENDED JUNE 30, 2017.

Alan Matré reported for the quarter ended June 30, 2017, that fifteen issues, three of which were new and one of which was external, were reviewed and no instances of noncompliance were found.

The Internal Audit Of Non-Pooled Investment Funds For The Quarter ended June 30, 2017, was accepted on a motion made by Chris Parker, seconded by Jeremy Edwards, and unanimously carried (8-0).

## 5. STATUS REPORT ON MEMBER POSITIONS.

Dave Matuskey stated that the District 1 public member position is still vacant and that the District 3 and 4 public member representatives were reappointed for three-year terms expiring June 30, 2020. Mr. Matuskey also noted that Gerardo Castillo was reelected as the Schools and Community College District Representative for a three-year term also expiring June 30, 2020.
6. DISCUSSION AND ACTION ON THE QUARTERLY REPORT OF THE NONPOOLED FUNDS PORTFOLIO REPORT FOR THE QUARTER ENDED JUNE 30, 2017.

Bernard Santo Domingo presented the Quarterly Report of the Non-Pooled Funds Portfolio for the Quarter Ended June 30, 2017.

The Non-Pooled Funds Portfolio Reports For The Quarter Ended June 30, 2017, was accepted on a motion made by David Villanueva, seconded by Angelica Hernandez, and unanimously carried (8-0).

## 7. DISCUSSION AND ACTION ON THE QUARTERLY REPORT OF THE POOLED INVESTMENT FUND FOR THE QUARTER ENDED JUNE 30, 2017, AND COMPLIANCE WITH INVESTMENT POLICY.

Bernard Santo Domingo presented the Quarterly Report Of The Non-Pooled Funds Portfolio For The Quarter ended June 30, 2017, and Compliance with Investment Policy. He stated that the Pooled Investment Fund was in compliance with the investment policy and California Government Code.

Bernard Santo Domingo provided his economic commentary. He noted that the FOMC has raised the Fed Funds rate three times since December 2016, but the Fed Fund Futures show only a $33 \%$ chance of a rate hike by December 2017. He stated that the key factor in future interest rates is inflation, which isn't showing up in major indicators at a level the FOMC wants to see. He also stated that, due to the current market rates and the yields on maturing investments, he expects the pooled fund yield to continue to rise over the next three quarters.

Mr. Santo Domingo stated that counsel reviewed whether or not Wells Fargo could be used as a broker/dealer or its securities purchased by the pool due to it's CRA rating falling below satisfactory, and it was determined that Government Code Section 53635.2 applies to depository and not investment transactions. Peggy Marti stated that an RFP for banking services will be released soon and will require respondents to have a CRA rating of satisfactory or better. Ben Lamera stated the Department of Finance would reach out to the committee members to be involved in the bank selection.

The Quarterly Reports of the Pooled Investment Fund For The Quarter Ended June 30, 2017, were accepted on a motion made by Angelica Hernandez, seconded by Jeremy Edwards, and unanimously carried (8-0).

## 8. OVERVIEW OF POOLED INVESTMENT FUND STATISTICS FROM VARIOUS JURSIDICTION FOR JUNE 2017.

Bernard Santo Domingo presented the Investment Fund Statistics Questionnaire Results June 2017, Comparison of Various County Pooled Investment Funds and LAIF - 12Month Yield Performance as of June 2017, and Overview of Pooled Investment Fund Statistics from Various Jurisdictions - Comparison of Yields and Average Weighted Maturities from September 30, 2016 - June 30, 2017.

## 9. DISCUSSION AND ACTION ON REPORT OF COMPLIANCE WITH GOVERNMENT CODE SECTION 27133(c) AND INVESTMENT POLICY REGARDING POLITICAL CONTRIBUTIONS

Bernard Santo Domingo presented the Report of Compliance with Government Code Section 27133(c) and Investment Policy Regarding Political Contributions and stated that all broker/dealers and direct issuers were in compliance.

The Report of Compliance with Government Code Section 27133(c) and Investment Policy Regarding Political Contributions was accepted on a motion made by Chris Parker, seconded by David Villanueva, and unanimously carried (8-0).

## 10. DISCUSSION ON COMMERCIAL PAPER DEFAULT RISK.

Dave Matuskey presented research on the historical default rates of commercial paper meeting the pool's minimum credit rating requirements.
11. NEXT MEETING REMINDER.

Vice Chair Gerardo Castillo reminded the committee that the next regular meeting of the Treasury Oversight Committee is scheduled for Friday, November 17, 2017, in the County Administration Center’s Hearing Room One, Room 1487.

## 12. ADJOURNMENT.

The meeting was adjourned at 9:44 a.m.

Respectfully submitted:

Dave Matuskey
Investment Officer

Approved:

## Brandon Rose, Chair

Treasury Oversight Committee
cc: Treasury Oversight Committee Members
Department of Finance Staff

# COUNTY OF SACRAMENTO 

Treasury Oversight Committee<br>Non-Pooled Investments<br>Agreed-Upon Procedures Report

For the Quarter Ended September 30, 2017

## Audit Staff:

Alan A. Matré, C.P.A.<br>Kyle R. Hammon<br>Chief of Audits<br>Auditor

# COUNTY OF SACRAMENTO <br> TREASURY OVERSIGHT COMMITTEE <br> NON-POOLED INVESTMENTS AGREED-UPON PROCEDURES REPORT FOR THE QUARTER ENDED SEPTEMBER 30, 2017 

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## County of Sacramento

October 23, 2017
The Honorable Board of Supervisors and the
Sacramento County Treasury Oversight Committee
County of Sacramento, California

We have performed the procedures enumerated below and on the next page to a selected sample of the County of Sacramento (County), non-pooled investments, for the quarter ended September 30, 2017. The County of Sacramento, Treasury Oversight Committee (Committee) is responsible for establishing and maintaining effective internal controls, and compliance with the governing investment policy documents for the non-pooled investments. The sufficiency of the procedures is solely the responsibility of the Committee. Consequently, we make no representation regarding the sufficiency of the procedures described below and on the next page either for the purpose for which this report has been requested or for any other purpose. This report is applicable solely to procedures referred to below and on the next page and is not intended to pertain to any of the Committee's other operations, procedures, or compliance with laws and regulations.

The procedures we performed for the non-pooled investments for the quarter ended September 30, 2017 are summarized as follows below and on the next page:

1. We inspected the organization chart and written internal control procedures for investment and accounting of non-pooled investments to identify any conflicts of interest and inadequate segregation of duties.

Finding: We did not note any exceptions as a result of our procedures.
2. We verified that the SunGard Financial Services, Inc., Advanced Portfolio System II nonpooled investment balances agreed with the custodian statements.

Finding: We did not note any exceptions as a result of our procedures.
3. We inspected the portfolio monitoring report for ten selected investments and tested for accuracy.

Finding: We did not note any exceptions as a result of our procedures.
4. We verified that investments were made in accordance with the governing investment policy documents as described on the next page:

The Honorable Board of Supervisors and the
Sacramento County Treasury Oversight Committee
October 23, 2017
Page 2 of 2

## Non-Pooled Investment Policy

Non-Pooled Investments primarily consist of investments purchased with proceeds from Mello Roos Bonds (MR), Revenue Bonds (REV), General Obligation Bonds (GO), Assessment District Bonds (AD), Community Facilities District Bonds (CFD), Certificates of Participation Notes (COPs), and Tobacco Securitization Proceeds (TSP). The investment policy for the bonds is set forth in either the bond resolution, the bond indenture or by the bond insurer (governing investment policy document). The investment policy for the Tobacco Securitization Proceed is set forth in the Tobacco Securitization bond resolution and bond indenture.

The majority of the bond investments are limited to those authorized by California Government Code Section 53601 et seq. Any other authorized investments are indicated in the governing investment policy document.

Finding: We did not note any exceptions as a result of our procedures.
5. We selected ten non-pooled investments based upon outstanding issues at July 1, 2017, that included any new issues since July 1, 2017 to inspect for compliance with the governing investment policy documents described at Procedure Number 4.

Finding: We did not note any exceptions as a result of our procedures. See Schedule I, Sample of Non-Pooled Investments for sample tested.

This agreed-upon procedures engagement was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. We were not engaged to, and did not perform an audit, examination, or review, the objective of which would be the expression of an opinion or conclusion, respectively, on the Committee's non-pooled investments, or results of our procedures referred to above and on the previous page. Accordingly, we do not express such an opinion or conclusion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

This report is intended solely for the information and use of the County Board of Supervisors, County Treasury Oversight Committee and the Committee's management and should not be used for any other purpose. It 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.

Sincerely,
BEN LAMERA
DIRECTOR OF FINANCE


By: Alan A. Matré, C.P.A.
Chief of Audits

## COUNTY OF SACRAMENTO <br> SAMPLE OF NON-POOLED INVESTMENTS FOR QUARTER ENDED SEPTEMBER 30, 2017

| Issue ${ }^{(1)}$ | Book Value 09/30/17 |  | \% of Portfolio |
| :---: | :---: | :---: | :---: |
| Sac City USD Series 2017E (GO) | \$ | 118,466,524 | 18 \% |
| Airport System 2009 C\&D (REV) |  | 21,856,724 | 3 |
| Laguna Creek Refunding (MR) |  | 3,555,233 | 1 |
| Robla SD, Series 2015 A (GO) |  | 2,699,110 | $<1$ |
| Center USD, Series 2016E (GO) |  | 2,100,554 | $<1$ |
| Airport System 2008 D-E (REV) |  | 1,940,411 | $<1$ |
| Metro Air Park (MR) |  | 796,380 | $<1$ |
| REG SAN 2000 C SWAP (REV) |  | 768,158 | $<1$ |
| Tobacco Settlement Ref 2005 (TSP) |  | 513,600 | $<1$ |
| SASD Upper Lateral Loan Prog (SEP) |  | 464,675 | $<1$ |
| Total internally managed |  |  |  |
| Non-Pooled Investments tested ${ }^{(2)}$ | \$ | 153,161,369 | Approx. $23 \%$ |

(1) The selected sample of non-pooled investments for the quarter ended September 30, 2017 was selected based upon outstanding issues at July 1, 2017, plus any untested new issues since quarter ended July 1, 2017.
(2) The total amount of internally managed non-pooled investments for the quarter ended September 30, 2017 was $\$ 657,642,286$.
(3) The total amount of externally managed non-pooled investments for the quarter ended September 30, 2017 was $\$ 21,651,919$.

Fund Type
$\begin{array}{ll}\text { (GO) - General Obligation Bonds } & \text { (MR) - Mello Roos Bonds } \\ \text { (REV) - Revenue Bonds } & \text { (SEP) - Funds Held For Unique Purposes }\end{array}$
(TSP) - Tobacco Securitization Proceeds

## Indicates new issue

## STATUS REPORT ON MEMBER POSITIONS.

## Inter-Departmental Memorandum

November 17, 2017

To: Treasury Oversight Committee
From:


Subject: $\quad$ STATUS REPORT ON MEMBER POSITIONS

## First District

On June 9, 2015, Jaspreet Singh was removed from the First District public member position for nonattendance. The Clerk of the Board is still advertising the vacancy and has not received any applications.

## ITEM 6

DISCUSSION AND ACTION ON THE NON-POOLED FUNDS PORTFOLIO REPORT FOR THE QUARTER ENDED SEPTEMBER 30, 2017.


# COUNTY OF SACRAMENTO DEPARTMENT OF FINANCE 

NON-POOLED FUNDS
PORTFOLIO REPORT

# COUNTY OF SACRAMENTO <br> DEPARTMENT OF FINANCE 

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## PORTFOLIO CONCENTRATION \& CREDIT QUALITY

All Non-Pooled Funds

Appendix A: Detailed Listing Of Non-Pooled Funds 2

Appendix B: Glossary Of Investment Terms 3

# COUNTY OF SACRAMENTO 

Non-Pooled Funds - September 30, 2017

## Portfolio Sector Concentration Profile

ALL NON-POOLED FUNDS

| Sector | Credit Quality |  | Dollar Amount At Cost | Percent |
| :---: | :---: | :---: | :---: | :---: |
| GOVERNMENTS | AA+/Aaa/AAA |  |  |  |
| Treasury Bills |  | \$ | 136,646,988.15 | 20.12\% |
| Treasury Notes |  | \$ | - | 0.00\% |
| Treasury Bonds |  | \$ | - | 0.00\% |
| SLGs |  | \$ | 2,772,480.00 | 0.41\% |
| SUBTOTAL |  | \$ | 139,419,468.15 | 20.52\% |
| AGENCIES | AA+/Aaa/AAA |  |  |  |
| FHLB |  | \$ | - | 0.00\% |
| FHLB Discount Notes |  | \$ | 154,573,926.90 | 22.76\% |
| FNMA |  | \$ | - | 0.00\% |
| FNMA Discount Notes |  | \$ | - | 0.00\% |
| FFCB |  | \$ | - | 0.00\% |
| FFCB Discount Notes |  | \$ | 40,117,892.71 | 5.91\% |
| FHLMC |  | \$ | - | 0.00\% |
| FHLMC Discount Notes |  | \$ | 20,087,874.77 | 2.96\% |
| SUBTOTAL |  | \$ | 214,779,694.38 | 31.62\% |
| COMMERCIAL PAPER (CP) | $\begin{aligned} & \mathrm{A}-1 / \mathrm{P}-1 \text {, } \\ & \text { or } \mathrm{A}-1 / \mathrm{P}-1 / \mathrm{F} 1 \text {, } \\ & \text { or better } \end{aligned}$ | \$ | - | 0.00\% |
| CERTIFICATE OF DEPOSIT (CD) | $\begin{aligned} & \mathrm{A}-1 / \mathrm{P}-1, \\ & \text { or } \mathrm{A}-1 / \mathrm{P}-1 / \mathrm{F} 1 \text {, } \\ & \text { or better } \end{aligned}$ | \$ | - | 0.00\% |
| WASHINGTON SUPRANATIONALS (SUPRAS) | AAA/Aaa/AAA | \$ | 192,503,536.04 | 28.34\% |
| INVESTMENT AGREEMENTS (IA) | Not Rated | \$ | 39,887,197.40 | 5.87\% |
| LOCAL AGENCY INVESTMENT FUND (LAIF) | Not Rated | \$ | 11,150,000.00 | 1.64\% |
| MONEY MARKET FUNDS (MMF) | AAA | \$ | 81,554,308.85 | 12.01\% |
| SWEEP | Not Rated | \$ | - | 0.00\% |
| TOTAL |  | \$ | 679,294,204.82 | 100.00\% |

A detailed listing of all Non-Pooled Funds is provided in Appendix A on page 2 of this report.


# County of Sacramento Non-Pooled Investment Funds 

As of September 30, 2017

| Fund | Description | Type* | Funded Date | Maturity Date | Amount Issued | Book Value | Bond/Note TIC/NIC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal Agent Trustee Funds |  |  |  |  |  |  |  |
| 5030-35 | REG SAN 2000 C SWAP | REV | 1/2/2003 | 12/1/2030 | 100,000,000 | 768,158.44 | 3.740\% |
| 5174-75 | Robla SD, Series 2015 A | GO | 2/18/2015 | 8/1/2044 | 6,400,000 | 2,699,110.27 | 3.603\% |
| 5186-87 | San Juan USD, Elec 12, Ser 17 | GO | 3/14/2017 | 8/1/2028 | 70,000,000 | 68,123,552.48 | 2.225\% |
| 5277 | SASD Series 2015 Refunding | REV | 5/5/2015 | 8/1/2035 | 45,435,000 | 126.35 | 3.392\% |
| 5340-45 | 2006 Public Facilities Projects | COP | 5/11/2006 | 2/1/2036 | 40,860,000 | 2,231,006.08 | 4.708\% |
| 5367-69 | North Vineyard No. 12016 | MR | 6/8/2016 | 9/1/2045 | 13,410,000 | 10,340,763.59 | 3.740\% |
| 5390-93 | SRCSD REF 2005 | REV | 9/7/2005 | 12/1/2023 | 61,220,000 | 14.05 | 4.414\% |
| 5410 | Tobacco Settlement Ref 2005 | TSP | 12/6/2005 | 6/1/2045 | 255,486,288 | 513,600.22 | 5.807\% |
| 5450-54 | SRCSD 2006 | REV | 7/20/2006 | 12/1/2036 | 338,960,000 | 10,828,898.76 | 4.746\% |
| 5455-57 | SRCSD 2014A | REV | 7/10/2014 | 12/1/2044 | 378,510,000 | 21,625,427.75 | 3.823\% |
| 5510-14 | Water Financing Authority | REV | 5/9/2007 | 6/1/2039 | 413,420,000 | 25,716,252.87 | 4.260\% |
| 5520-23 | Metro Air Park 2007B | MR | 12/14/2007 | 8/1/2034 | 40,200,000 | 2,947,705.56 | 6.886\% |
| 5553 | Center USD, Series 2016E | GO | 8/16/2016 | 8/1/2031 | 4,996,601 | 2,100,554.24 | 2.744\% |
| 5624 | Galt JUSD Series 2017 | GO | 6/21/2017 | 8/1/2046 | 16,000,000 | 15,877,994.36 | 3.590\% |
| 5630-33 | Airport System 2008 A | REV | 5/1/2008 | 7/1/2041 | 169,575,000 | 1,940,818.86 | 5.353\% |
| 5696-97 | San Juan USD, Elec 02, Ser 17 | GO | 3/14/2017 | 8/1/2026 | 23,475,000 | 24,211,582.07 | 2.206\% |
| 5760-65 | Airport System 2008 B-C | REV | 5/1/2008 | 7/1/2039 | 326,620,000 | 4,519,890.65 | 5.353\% |
| 5770-73 | Airport System 2008 D-E | REV | 5/1/2008 | 7/1/2026 | 89,430,000 | 1,940,411.30 | 5.161\% |
| 5800-07 | Airport System 2009 A\&B | REV | 7/28/2009 | 7/1/2041 | 201,800,000 | 13,258,339.23 | 5.473\% |
| 5810-15 | Airport System 2009 C\&D | REV | 7/28/2009 | 7/1/2041 | 278,250,000 | 21,856,724.33 | 6.010\% |
| 5830-34 | 2010 Refunding COPs | COP | 3/12/2010 | 2/1/2030 | 126,105,000 | 11,585,872.90 | 5.097\% |
| 5860-63 | SASD Series 2010 A\&B | REV | 8/11/2010 | 8/1/2040 | 126,620,000 | 114.73 | 4.069\% |
| 5870-74 | Airport System 2010 | REV | 8/25/2010 | 7/1/2040 | 128,300,000 | 10,870,269.61 | 4.744\% |
| 5890-92 | San Juan USD, Elec 02, Ser 2011 | GO | 6/10/2011 | 6/1/2026 | 10,600,000 | 2,884,323.57 | 5.336\% |
| 5970-76 | North Vineyard No. 22016 | MR | 6/8/2016 | 9/1/2046 | 23,155,000 | 8,476,285.46 | 4.036\% |
| 6040 | SASD Upper Lateral Loan Prog | SEP | 9/11/2017 | n/a | 500,000 | 464,675.47 | n/a |
| 6100-01 | SAFCA CAD Series 2016 A\&B | AD | 12/7/2016 | 10/1/2047 | 278,195,000 | 95,144,773.66 | 3.977\% |
| 6120-25 | FCUSD SFID \#3,4,5 | GO | 12/22/2016 | 10/1/2041 | 83,000,000 | 43,139,915.18 | 4.114\% |
| 6130-31 | San Juan USD, Elec 16, Ser 17 | GO | 3/14/2017 | 8/1/2019 | 39,920,000 | 28,811,980.86 | 1.201\% |
| 6303-04 | Robla SD, Series 2015 B | GO | 11/5/2015 | 8/1/2045 | 10,100,000 | 10,040,809.97 | 4.015\% |
| 6305-06 | Robla SD, Series 2015 I | GO | 11/4/2015 | 8/1/2037 | 2,000,000 | 1,986,401.42 | 4.072\% |
| 6310-12 | Sac City USD Series 2015 | GO | 6/4/2015 | 8/1/2040 | 90,000,000 | 36,840,317.40 | 3.672\% |
| 6315-18 | Sac City USD Series 2016 | GO | 6/8/2016 | 8/1/2041 | 14,000,000 | 11,880,133.93 | 2.904\% |
| 6350-55 | Public Facilities, 94 (Coroner) | REV | 10/25/1994 | 10/1/2024 | 89,500,000 | 6,463,075.00 | 6.494\% |
| 6440-00 | LAIF, STA Transport. Authority | SEP | 11/15/1995 | n/a | n/a | 11,150,000.00 | n/a |
| 6581-84 | Elliott Ranch Refunding | MR | 8/13/1997 | 9/1/2021 | 21,415,000 | 2,502,052.44 | 6.231\% |
| 6600-04 | Laguna Creek Refunding | MR | 12/30/1997 | 12/1/2020 | 31,980,000 | 3,555,232.67 | 5.751\% |
| 6680-86 | Metro Air Park | MR | 12/30/1998 | 12/1/2021 | 5,310,000 | 796,380.11 | 7.000\% |
| 6720-27 | Regional Sanitation 2000-A/B | REV | 6/22/2000 | 12/1/2027 | 386,845,000 | 2.58 | 5.628\% |
| 6820-23 | Co. Sanitation Ser. 2001 | REV | 6/28/2001 | 12/1/2027 | 124,010,000 | 35.27 | n/a |
| 6890-92 | Tobacco Settlement 01A/B | TSP | 8/23/2001 | 6/1/2027 | 193,405,888 | 887,309.33 | n/a |
| 6980-84 | Metro Air Park 2004 A | MR | 4/8/2004 | 8/1/2034 | 63,460,000 | 7,289,326.12 | 6.890\% |
| 50A0 | Airport System Refund 2016A | REV | 12/21/2016 | 7/1/2041 | 89,000,000 | 1,117,627.93 | 4.332\% |
| 50B0 | Airport System Refund 2016B | REV | 12/21/2016 | 7/1/2041 | 92,790,000 | 1,164,973.00 | 4.373\% |
| 50C0 | Sac City USD Series 2017E | GO | 5/25/2017 | 5/1/2047 | 112,000,000 | 118,466,523.81 | 3.550\% |
| 50D0 | Sac City USD Series 2017C | GO | 5/25/2017 | 5/1/2047 | 10,000,000 | 10,622,941.72 | 3.599\% |
|  |  |  | Value Subtota | Fiscal Agent | Trustee Funds: | \$657,642,285.60 |  |
| Other Separate Trustees |  |  |  |  |  |  |  |
| 5410 | Tobacco Securitization Authority 2005 Refunding |  |  |  |  |  |  |
|  | Collection Account |  | 12/6/2005 | 6/1/2045 |  | 1,325.39 |  |
|  | Operating Account |  | 12/6/2005 | 6/1/2045 |  | 85,546.32 |  |
|  | Sr Debt Service Account |  | 12/6/2005 | 6/1/2045 |  | 5,762,419.92 |  |
|  | Sr Liquidity Reserve Account |  | 12/6/2005 | 6/1/2045 |  | 15,800,135.30 |  |
|  | Sr Turbo Redemption Account |  | 12/6/2005 | 6/1/2045 |  | 2,492.29 |  |
|  | Subtotal |  |  |  |  | 21,651,919.22 |  |
| Book Value Subtotal Of Funds Held By Other Separate Trustees: |  |  |  |  |  | \$21,651,919.22 |  |
|  |  | TOTAL NON-POOLED INVESTMENT FUNDS BOOK VALUE: |  |  |  | \$679,294,204.82 |  |
| New issues are reflected in blue. |  |  |  |  |  |  |  |
| *FUND TYPES: |  |  |  |  |  |  |  |
| TSP - T | acco Securitization Proceeds | MR - Mello Roos Bonds |  |  |  |  |  |
| TR - Ta | Revenue Anticipation Notes | GO-General Obligation Bonds |  |  |  |  |  |
| SEP - F | ds held for unique purposes | AD - Assessment District Bonds |  |  |  |  |  |
| REV - R | enue Bonds | COP - Certificates of Participation |  |  |  |  |  |
| TC - Ta | ollection Account |  |  |  |  |  |  |

## GLOSSARY OF INVESTMENT TERMS

A-1+/A-1 - Highest short-term credit ratings assigned by Standard \& Poor's.
AAA - Highest long-term credit rating assigned by Standard \& Poor’s and Fitch.
Aaa - Highest long-term credit rating assigned by Moody's.
$\mathbf{A A}+$ - Second highest long-term credit rating assigned by Standard \& Poor’s and Fitch.
Cash in Pool - Residual amounts of money invested in the Pooled Investment Fund that cannot be reasonably invested in separate investment securities (amounts typically less than $\$ 100,000$ per fund).

F1+/F1 - Highest short-term credit ratings assigned by Fitch.
FFCB - Federal Farm Credit Bank
FHLB - Federal Home Loan Bank
FHLMC - Federal Home Loan Mortgage Corporation
FNMA - Federal National Mortgage Association
Investment Agreement - A contract between a bond issuer and a financial institution that provides the issuer with a guaranteed interest rate for the duration of the contract.

LAIF - Local Agency Investment Fund is the State of California Treasurer’s Pool, which is created under Section 16429.1 of the Government Code. The County uses this account as a late draw savings account and as investments for TRANs proceeds.

P-1 - Highest short-term credit rating assigned by Moody's.
Sweep - A money market account at Wells Fargo that invests any residual dollars into overnight securities (similar to cash in pool).

Washington Supranational - A Washington, D.C.-based international organization formed by multiple central governments to promote economic development for the member countries.


# Quarterly Pooled Investment Fund Report As Prescribed By California Government Code Section 53646 

## For The Quarter Ended September 30, 2017

## Compliance to Investment Policy

Based on the Director of Finance's Review Group Month-End Reports, there were no items out of compliance with the Calendar Year 2017 Investment Policy during the quarter ended September 30, 2017.

| Portfolio Statistics | Quarter Ended 06/30/17 | Quarter Ended 09/30/17 |
| :--- | ---: | ---: |
| Average Daily Balance | $\$ 3,872,198,711$ | $\$ 3,331,146,624$ |
| Period-End Balance | $\$ 3,918,146,360$ | $\$ 3,173,198,716$ |
| Earned Interest Yield | $1.14 \%$ | $1.24 \%$ |
| Weighted Average Maturity | 277 Days | 340 Days |
| Duration in Years | 0.743 | 0.912 |
| Amortized Book Value | $\$ 3,916,434,418$ | $\$ 3,171,306,587$ |
| Market Value | $\$ 3,917,739,101$ | $\$ 3,170,962,315$ |
| Percent of Market to Cost | $100.03 \%$ | $99.99 \%$ |

The earned interest yield presented above does not have any costs deducted. The investment management costs in prior years and this year continue to be approximately 8 basis points or $0.08 \%$. The quarterly apportionment of earnings to participating funds will be made on a cash basis (as opposed to an accrual basis) for the first three quarters of the fiscal year. Earnings to participating funds will be annualized over the fiscal year based on a fund's cumulative average daily cash balance at each quarter end and fiscal year end. At fiscal year end (fourth quarter), the earnings of the Pool will be converted to an accrual basis for the fourth quarter earnings’ allocation.

Quarterly Pooled Investment Fund Report As Prescribed By California Government Code Section 53646
Page 2

## Portfolio Structure as of September 30, $2017^{1}$

| Investment Description | Percentage of Portfolio at Cost 06/30/17 | Percentage of Portfolio at Cost 09/30/17 | Percentage of Portfolio at Market 09/30/17 | Earned Interest Yield at 09/30/17 |
| :---: | :---: | :---: | :---: | :---: |
| US Agency, Treasury \& Municipal Notes (USATM): |  |  |  |  |
| US Agency Notes | 25.82\% | 27.31\% | 27.26\% | 1.470\% |
| Notes/Discount Notes FFCB | 3.31\% | 6.14\% | 6.12\% | 1.402\% |
| Notes/Discount Notes FHLB | 14.58\% | 12.96\% | 12.96\% | 1.454\% |
| Notes/Discount Notes FNMA | 5.47\% | 6.44\% | 6.45\% | 1.587\% |
| Notes/Discount Notes FHLMC | 2.45\% | 1.77\% | 1.73\% | 1.404\% |
| US Treasury Notes | 0.00\% | 0.00\% | 0.00\% | 0.000\% |
| Municipal Notes | 0.58\% | 0.57\% | 0.57\% | 1.143\% |
| Total USATM | 26.40\% | 27.88\% | 27.83\% | 1.464\% |
| Repurchase Agreements | 0.00\% | 0.00\% | 0.00\% | 0.000\% |
| Supranationals | 13.26\% | 13.54\% | 13.49\% | 1.214\% |
| Commercial Paper | 29.38\% | 26.81\% | 26.89\% | 1.244\% |
| Certificates of Deposit | 29.30\% | 29.72\% | 29.74\% | 1.219\% |
| LAIF | 1.66\% | 2.05\% | 2.05\% | 1.084\% |
| Money Market Accounts | 0.00\% | 0.00\% | 0.00\% | 0.00\% |

POOLED INVESTMENT FUND MATURITIES AS OF SEPTEMBER 30, 2017 \$3.173 Billion


[^0]Quarterly Pooled Investment Fund Report As Prescribed By California Government Code Section 53646
Page 3

## Projected Cash Flow

Based upon our cash flow model projection dated October 11, 2017, summarized below, we have sufficient cash flow to meet expenditures for the next 12 months.

| Month | Bank <br> Balance |  <br> Maturities | Disbursements | Difference | Less Investments <br> Beyond One Year | Funds Available for <br> Future Cash Flow Needs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dollar amounts represented in millions |  |  |  |  |  |  |
| Oct | 20.0 | $\$ 1,148.2$ | $\$ 768.9$ | $\$ 379.3$ | $\$ 45.0$ | $\$ 334.3$ |
| Nov | 20.0 | $\$ 1,143.4$ | $\$ 707.1$ | $\$ 436.3$ | $\$ 45.0$ | $\$ 391.3$ |
| Dec | 20.0 | $\$ 1,423.0$ | $\$ 780.3$ | $\$ 642.7$ | $\$ 45.0$ | $\$ 597.7$ |
| Jan | 20.0 | $\$ 1,259.9$ | $\$ 892.2$ | $\$ 367.7$ | $\$ 45.0$ | $\$ 322.7$ |
| Feb | 20.0 | $\$ 908.3$ | $\$ 605.1$ | $\$ 303.2$ | $\$ 45.0$ | $\$ 258.2$ |
| Mar | 20.0 | $\$ 936.5$ | $\$ 539.8$ | $\$ 396.7$ | $\$ 45.0$ | $\$ 351.7$ |
| Apr | 20.0 | $\$ 1,204.8$ | $\$ 709.8$ | $\$ 495.0$ | $\$ 45.0$ | $\$ 450.0$ |
| May | 20.0 | $\$ 816.9$ | $\$ 875.5$ | $(\$ 58.6)$ | $\$ 45.0$ | $(\$ 103.6)$ |
| Jun | 20.0 | $\$ 736.9$ | $\$ 612.9$ | $\$ 124.0$ | $\$ 45.0$ | $\$ 79.0$ |
| Jul | 20.0 | $\$ 472.6$ | $\$ 1,099.0$ | $(\$ 626.4)$ | $\$ 45.0$ | $(\$ 671.4)$ |
| Aug | 20.0 | $\$ 594.0$ | $\$ 826.6$ | $(\$ 232.6)$ | $\$ 45.0$ | $(\$ 277.6)$ |
| Sep | 20.0 | $\$ 702.8$ | $\$ 588.1$ | $\$ 114.7$ | $\$ 45.0$ | $\$ 69.7$ |

*Any excess net cash flow amounts in this column will be used to fund negative cash flow positions in later months.

## Detailed Listing of Investments

A complete detailed listing of all investments for the Pooled Investment Fund as of September 30, 2017, is contained in the back of this report. This report notes the type of investment; name of the security; the CUSIP; the purchase date; the maturity date; the coupon and the yield; the par value, book value and market value of each security; the pricing source for the market value; and the duration of each security.

External third-party investment manager(s) at September 30, 2017:

Investment
Local Agency Investment Fund State Treasurer's Office

Amount
\$65,000,000.00

The Fund uses an external investment accounting system called APS2 by FIS AvantGard. The market valuations are based upon the pricing of Interactive Data Corporation (IDC).

## Financial Markets Commentary

On September 20, 2017, the Federal Open Market Committee (FOMC) unanimously voted to hold the overnight federal funds at a range of $1.00 \%$ to $1.25 \%$. The FOMC has raised the rate two times so far this year and is expecting one more hike in December. The FOMC also announced that the start of the unwinding of their $\$ 4.5$ trillion Federal Reserve balance sheet will begin in late October. The strategy is to let $\$ 6$ billion in US Treasury bills and $\$ 4$ billion in mortgage-back securities (MBS) roll off every month and gradually increase the amount to \$30 billion US Treasuries and $\$ 20$ billion MBS per month. A projected reduction of $\$ 600$ billion by the end of next year would be a significant tightening of the money supply beyond any changes to the federal funds rate.

The FOMC still expresses confidence the US economy is at or near full employment and inflation expectations will near their 2 percent target. Economic releases over the next several months are going be clouded because of the devastating hurricanes that affected large chunks of the US economy including Texas and Florida. The US unemployment rate fell to its lowest level since 2001 at $4.2 \%$ in September despite hurricane induced job losses. Average hourly wages accelerated but were attributed to temporary stimulus from hurricane relief efforts. Food and energy prices increased from disruptions to the supply chain and may filter through to core inflation measures, at least temporarily.

The Federal Reserve expects a modest, gradual upward trend in interest rates with a forecast of three quarter-point rate hikes in 2018, two in 2019, and normalizing in 2020 at a range of $2.75 \%$ to $3.00 \%$. The interest rate forecast and future FOMC actions on its balance sheet will be data dependent as repeatedly stated by the FOMC and Chair Yellen. An important caveat to the current FOMC policy stance and forecast is that Federal Reserve Chair Janet Yellen’s term will expire in February 2018 and three positions on the committee remain vacant, and the makeup of the committee could be dramatically altered by President Trump's nominations. Over the next several quarters, we still expect the yield on the Pooled Investment Fund to rise at a moderate pace.



## Portfolio Management Strategy

During the past quarter, we continued to provide adequate liquidity to meet the cash flow needs of the Pooled Investment Fund participants. We are currently funding the cash flows for February 2018. We are purchasing two- and five-year U. S. Treasury, U.S. Agency, and Washington Supranational securities on a monthly basis for the "CORE" portfolio, which is composed of all securities maturing beyond one year. This laddered structure stabilizes the yield over longer periods. Over the next quarter, our quarterly yield should range between $1.35 \%$ and 1.45\%.

Respectfully submitted,
Bernard Santo Domingo
Chief Investment Officer

Concur,
Ben Lamera
Director of Finance

Attachment County of Sacramento Short-Term Investment Portfolio

COUNTY OF SACRAMENTO
SHORT-TERM INVESTMENT PORTFOLIO
POOLED FUNDS
AS OF 09/30/2017


VR-SAC COUNTY 14-15
VR-SAC COUNTY 15-16
VR-SAC COUNTY 16-17

## TOTAL VARIABLE RATE(MUNI)QUARTERLY

| FFCB NOTE (330) | $3133 E F W W 3$ | $1 /$ |
| :--- | :--- | ---: |
| FFCB NOTE (260) | $3133 E F V C 8$ | 11 |
| FFCB NOTE (170) | $3133 E G J 48$ | 11 |
| FFCB NOTE (45) | $3133 E G 2 S 3$ |  |
| FFCB NOTE (120) | $3133 E H U K 7$ | 8 |
| FFCB NOTE (170) | $3133 E H Y J 6$ | 9 |
| FFCB NOTE (260) | $3133 E E 5 Z 9$ | $8 / 1$ |
| FFCB NOTE (120) | $3133 E F L Z 8$ | $10 / 2$ |
| FFCB NOTE (86) | $3133 E F L Z 8$ | $10 / 2$ |
| FFCB NOTE (85) | $3133 E F Y Z 4$ | $2 / 1$ |
| FFCB NOTE (260) | $3133 E H T S 2$ |  |
| FFCB NOTE (120) | $3133 E H Y R 8$ |  |
|  |  |  |

## TOTAL FED FARM CREDIT BONDS(FFCB)

FHLB NOTE (30)
FHLB NOTE (120) FHLB NOTE (330) FHLB NOTE (120) FHLB NOTE (76) FHLB NOTE (85) FHLB NOTE (120) FHLB NOTE (120) FHLB NOTE (170) FHLB NOTE (170) FHLB NOTE (20) FHLB NOTE (330) FHLB NOTE (120) FHLB NOTE (170) FHLB NOTE (120)

| 3130A6LZ8 | $10 / 9 / 2015$ | $10 / 26 / 2017$ | $0.625 \%$ | $0.724 \%$ |
| :--- | ---: | ---: | ---: | ---: |
| 3130A6RD1 | $11 / 4 / 2015$ | $11 / 3 / 2017$ | $0.850 \%$ | $0.852 \%$ |
| 3130A6SW8 | $12 / 4 / 2015$ | $12 / 19 / 2017$ | $1.000 \%$ | $1.067 \%$ |
| 313378A43 | $4 / 26 / 2013$ | $3 / 9 / 2018$ | $1.375 \%$ | $0.843 \%$ |
| 313379DT3 | $6 / 10 / 2013$ | $6 / 8 / 2018$ | $1.250 \%$ | $1.265 \%$ |
| 313373UU4 | $7 / 25 / 2013$ | $6 / 8 / 2018$ | $2.750 \%$ | $1.615 \%$ |
| 313376BR5 | $12 / 24 / 2013$ | $12 / 14 / 2018$ | $1.750 \%$ | $1.778 \%$ |
| 313376BR5 | $12 / 1 / 2016$ | $12 / 14 / 2018$ | $1.750 \%$ | $1.209 \%$ |
| 3130AAS41 | $2 / 8 / 2017$ | $2 / 8 / 2019$ | $1.270 \%$ | $1.278 \%$ |
| 3133782M2 | $3 / 2 / 2017$ | $3 / 8 / 2019$ | $1.500 \%$ | $1.397 \%$ |
| 3130A2FH4 | $6 / 18 / 2014$ | $6 / 14 / 2019$ | $1.750 \%$ | $1.853 \%$ |
| 3130A2FH4 | $8 / 1 / 2014$ | $6 / 14 / 2019$ | $1.750 \%$ | $1.889 \%$ |
| 313379EE5 | $6 / 2 / 2017$ | $6 / 14 / 2019$ | $1.625 \%$ | $1.389 \%$ |
| 3130ABRP3 | $7 / 12 / 2017$ | $7 / 12 / 2019$ | $1.450 \%$ | $1.491 \%$ |
| 313383VN8 | $9 / 15 / 2014$ | $9 / 13 / 2019$ | $2.000 \%$ | $1.884 \%$ |

P
$1,706,729.18$
$3,924,569.67$
$5,068,162.17$
$7,411,964.46$
$18,111,425.48$
$0.57 \%$

| $1 / 27 / 2016$ | $12 / 27 / 2017$ | $0.875 \%$ | $0.949 \%$ |
| ---: | ---: | ---: | ---: |
| $1 / 25 / 2016$ | $1 / 19 / 2018$ | $1.000 \%$ | $0.952 \%$ |
| $11 / 16 / 2016$ | $11 / 16 / 2018$ | $0.890 \%$ | $0.982 \%$ |
| $1 / 5 / 2017$ | $1 / 3 / 2019$ | $1.280 \%$ | $1.301 \%$ |

5,000,000.00
$20,000,000.00$
$25,000,000.00$

| $8 / 14 / 2017$ | $8 / 14 / 2019$ | $1.400 \%$ | $1.448 \%$ |
| :--- | :--- | :--- | :--- |
| $9 / 12 / 2017$ | $9 / 12 / 2019$ | $1.375 \%$ | $1.398 \%$ |

$\begin{array}{rrrr}8 / 28 / 2015 & 8 / 4 / 2020 & 1.750 \% & 1.700 \% \\ 10 / 28 / 2015 & 10 / 28 / 2020 & 1.460 \% & 1.460 \%\end{array}$
$\begin{array}{llll}10 / 28 / 2015 & 10 / 28 / 2020 & 1.460 \% & 1.460 \% \\ 10 / 28 / 2015 & 10 / 28 / 2020 & 1.460 \% & 1.460 \%\end{array}$
$\begin{array}{rrrr}2 / 18 / 2016 & 2 / 10 / 2021 & 1.375 \% & 1.495 \% \\ 8 / 9 / 2017 & 8 / 3 / 2022 & 1.900 \% & 1.895 \%\end{array}$
$9 / 14 / 2017 \quad 9 / 13 / 2022 \quad 1.750 \% \quad 1.849 \%$

| PURCHASE | MATURITY |  |
| :---: | :---: | :---: |
| $\underline{\text { DATE }}$ | $\underline{\text { INTEREST }}$ | $\frac{\text { TRADING }}{\text { RATE }}$ |
| $\underline{\text { YIELD }}$ |  |  |

$25,000,000.00$
$25,000,000.00$
25,000,000.00
10,000,000.00
$5,000,000.00$
$5,000,000.00$
$10,000,000.00$
$20,000,000.00$
$20,000,000.00$
$20,000,000.00$
BOOK VALUE
MARKET VALUE SOURCE

| $1,706,729.18$ | BOOK | 0.835 |
| ---: | ---: | ---: |
| $3,924,569.67$ | BOOK | 1.830 |
| $5,068,162.17$ | BOOK | 2.827 |
| $7,411,964.46$ | BOOK | 3.788 |
|  |  |  |
| 18,111,425.48 |  | 2.817 |

0.57\%
0.241
0.304
1.121
1.249
1.249
1.851
1.930
2.780
2.780
3.003
3.003
3.290
3.290
4.635
4.761
$\begin{array}{rr}194,038,000.00 & 2.254 \\ 6.12 \% & \\ & \end{array}$

| $24,993,250.00$ | SUNGARD | 0.071 |
| ---: | :--- | :--- |
| $24,996,250.00$ | SUNGARD | 0.093 |
| $24,995,750.00$ | SUNGARD | 0.219 |
| $5,004,350.00$ | SUNGARD | 0.438 |
| $4,998,750.00$ | SUNGARD | 0.686 |
| $5,049,350.00$ | SUNGARD | 0.682 |
| $5,018,000.00$ | SUNGARD | 1.193 |
| $25,090,000.00$ | SUNGARD | 1.193 |
| $24,907,000.00$ | SUNGARD | 1.346 |
| $25,010,750.00$ | SUNGARD | 1.428 |
| $5,015,900.00$ | SUNGARD | 1.680 |
| $5,015,900.00$ | SUNGARD | 1.680 |
| $25,041,250.00$ | SUNGARD | 1.682 |
| $24,950,000.00$ | SUNGARD | 1.762 |
| $10,090,400.00$ | SUNGARD | 1.923 |


| DESCRIPTION | CUSIP | $\frac{\text { PURCHASE }}{\text { DATE }}$ | $\frac{\text { MATURITY }}{\underline{\text { DATE }}}$ | $\frac{\text { INTEREST }}{\text { RATE }}$ | $\frac{\text { TRADING }}{\underline{\text { YIELD }}}$ | PAR VALUE | BOOK VALUE | MARKET VALUE | SOURCE | $\frac{\text { DURATION }}{\text { (YEARS) }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FHLB NOTE (330) | $313383 \mathrm{VN8}$ | 10/20/2014 | 9/13/2019 | 2.000\% | 1.653\% | 10,000,000.00 | 10,162,300.00 | 10,090,400.00 | SUNGARD | 1.923 |
| FHLB NOTE (120) | 3130A0JR2 | 12/16/2014 | 12/13/2019 | 2.375\% | 1.713\% | 10,000,000.00 | 10,315,650.00 | 10,170,200.00 | SUNGARD | 2.145 |
| FHLB NOTE (20) | 313378 J77 | 4/23/2015 | 3/13/2020 | 1.875\% | 1.455\% | 10,000,000.00 | 10,197,500.00 | 10,059,300.00 | SUNGARD | 2.407 |
| FHLB NOTE (120) | $313383 \mathrm{HU8}$ | 6/12/2015 | 6/12/2020 | 1.750\% | 1.903\% | 10,000,000.00 | 9,927,290.00 | 10,016,600.00 | SUNGARD | 2.636 |
| FHLB NOTE (45) | 313383HU8 | 7/14/2015 | 6/12/2020 | 1.750\% | 1.851\% | 10,000,000.00 | 9,952,800.00 | 10,016,600.00 | SUNGARD | 2.636 |
| FHLB NOTE (330) | $3130 A 5 Z 77$ | 9/28/2015 | 7/29/2020 | 1.830\% | 1.600\% | 10,000,000.00 | 10,106,700.00 | 10,030,000.00 | SUNGARD | 2.764 |
| FHLB NOTE (45) | 3130AABG2 | 12/16/2016 | 11/29/2021 | 1.875\% | 2.228\% | 20,000,000.00 | 19,670,800.00 | 20,016,400.00 | SUNGARD | 3.999 |
| FHLB NOTE (170) | 313378CR0 | 3/13/2017 | 3/11/2022 | 2.250\% | 2.129\% | 20,000,000.00 | 20,114,200.00 | 20,261,000.00 | SUNGARD | 4.253 |
| FHLB NOTE (120) | 313379Q69 | 6/13/2017 | 6/10/2022 | 2.125\% | 1.888\% | 20,000,000.00 | 20,225,000.00 | 20,127,800.00 | SUNGARD | 4.466 |
| FHLB NOTE (120) | 3130 ABS23 | 7/14/2017 | 7/14/2022 | 2.000\% | 2.000\% | 20,000,000.00 | 20,000,000.00 | 19,988,000.00 | SUNGARD | 4.572 |
| TOTAL FED HOME LOAN BANKS |  |  |  | 1.596\% | 1.491\% | 380,000,000.00 | 381,383,494.95 | 380,953,200.00 |  | 1.938 |
|  |  |  |  |  |  | 11.96\% | 12.02\% | 12.01\% |  |  |
| FNMA NOTE (76) | 3135GOPQ0 | 10/26/2012 | 10/26/2017 | 0.875\% | 0.959\% | 5,000,000.00 | 4,979,550.00 | 4,999,450.00 | SUNGARD | 0.071 |
| FNMA NOTE (77) | 3135GORT2 | 12/20/2012 | 12/20/2017 | 0.875\% | 0.885\% | 5,000,000.00 | 4,997,550.00 | 4,997,600.00 | SUNGARD | 0.222 |
| FNMA NOTE (92) | 3135GOTG8 | 2/28/2013 | 2/8/2018 | 0.875\% | 0.894\% | 5,000,000.00 | 4,995,435.00 | 4,993,350.00 | SUNGARD | 0.359 |
| FNMA NOTE (330) | 3135G0J61 | 3/4/2016 | 3/28/2018 | 0.875\% | 0.933\% | 25,000,000.00 | 24,970,250.00 | 24,962,750.00 | SUNGARD | 0.490 |
| FNMA NOTE (76) | 3135GOWJ8 | 5/21/2013 | 5/21/2018 | 0.875\% | 1.013\% | 5,000,000.00 | 4,966,370.00 | 4,987,200.00 | SUNGARD | 0.639 |
| FNMA NOTE (120) | 3135G0YM9 | 9/18/2013 | 9/18/2018 | 1.875\% | 2.091\% | 10,000,000.00 | 9,897,900.00 | 10,048,500.00 | SUNGARD | 0.962 |
| FNMA NOTE (85) | 3135GOYT4 | 11/27/2013 | 11/27/2018 | 1.625\% | 1.578\% | 10,000,000.00 | 10,022,500.00 | 10,013,000.00 | SUNGARD | 1.146 |
| FNMA NOTE (330) | 3135GOZA4 | 2/21/2014 | 2/19/2019 | 1.875\% | 1.724\% | 10,000,000.00 | 10,071,800.00 | 10,055,600.00 | SUNGARD | 1.372 |
| FNMA NOTE (330) | 3135GOZY2 | 11/26/2014 | 11/26/2019 | 1.750\% | 1.836\% | 10,000,000.00 | 9,958,950.00 | 10,038,000.00 | SUNGARD | 2.113 |
| FNMA NOTE (20) | 3135G0A78 | 1/30/2015 | 1/21/2020 | 1.625\% | 1.431\% | 10,000,000.00 | 10,092,965.20 | 10,012,600.00 | SUNGARD | 2.268 |
| FNMA NOTE (120) | 3135G0A78 | 2/13/2015 | 1/21/2020 | 1.625\% | 1.658\% | 10,000,000.00 | 9,984,400.00 | 10,012,600.00 | SUNGARD | 2.268 |
| FNMA (330) | 3135G0UU5 | 3/24/2015 | 3/6/2020 | 1.750\% | 1.544\% | 10,000,000.00 | 10,097,580.00 | 10,027,600.00 | SUNGARD | 2.390 |
| FNMA NOTE (120) | 3135GOH55 | 12/28/2015 | 12/28/2020 | 1.875\% | 1.836\% | 10,000,000.00 | 10,018,400.00 | 10,051,600.00 | SUNGARD | 3.148 |
| FNMA NOTE (20) | 3135G0Q89 | 10/13/2016 | 10/7/2021 | 1.375\% | 1.497\% | 20,000,000.00 | 19,883,440.00 | 19,622,600.00 | SUNGARD | 3.898 |
| FNMA NOTE (45) | 3135G0Q89 | 11/16/2016 | 10/7/2021 | 1.375\% | 1.775\% | 20,000,000.00 | 19,626,600.00 | 19,622,600.00 | SUNGARD | 3.897 |
| FNMA NOTE (45) | 3135GOS38 | 1/17/2017 | 1/5/2022 | 2.000\% | 2.043\% | 20,000,000.00 | 19,959,800.00 | 20,050,800.00 | SUNGARD | 4.090 |
| FNMA NOTE (120) | 3135G0T45 | 5/9/2017 | 4/5/2022 | 1.875\% | 2.005\% | 20,000,000.00 | 19,878,800.00 | 19,954,600.00 | SUNGARD | 4.315 |
| TOTAL FED NAT MORT ASSOC |  |  |  | 1.522\% | 1.587\% | 205,000,000.00 | 204,402,290.20 | 204,450,450.00 |  | 2.432 |
|  |  |  |  |  |  | 6.45\% | 6.44\% | 6.45\% |  |  |
| FHLB D.N. (50) | 313385MN3 | 9/29/2017 | 10/4/2017 | 0.975\% | 0.975\% | 30,000,000.00 | 29,995,937.50 | 29,998,500.00 | SUNGARD | 0.011 |
| TOTAL FHLB DISC NOTES |  |  |  | 0.975\% | 0.975\% | 30,000,000.00 | 29,995,937.50 | 29,998,500.00 |  | 0.011 |
|  |  |  |  |  |  | 0.94\% | 0.95\% | 0.95\% |  |  |


| DESCRIPTION | CUSIP | $\frac{\text { PURCHASE }}{\text { DATE }}$ | MATURITY DATE | $\frac{\text { INTEREST }}{\text { RATE }}$ | $\frac{\text { TRADING }}{\underline{\text { YIELD }}}$ | PAR VALUE | BOOK VALUE | MARKET VALUE | SOURCE | $\frac{\text { DURATION }}{\text { (YEARS) }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FHLMC NOTE (92) | 3137EABA6 | 11/28/2012 | 11/17/2017 | 5.125\% | 0.800\% | 5,000,000.00 | 6,051,620.00 | 5,025,300.00 | SUNGARD | 0.131 |
| FHLMC NOTE (88) | 3137EADN6 | 1/28/2013 | 1/12/2018 | 0.750\% | 0.963\% | 5,000,000.00 | 4,948,575.00 | 4,994,150.00 | SUNGARD | 0.285 |
| FHLMC NOTE (86) | 3137EADP1 | 3/12/2013 | 3/7/2018 | 0.875\% | 1.028\% | 5,000,000.00 | 4,962,900.00 | 4,992,900.00 | SUNGARD | 0.433 |
| FHLMC NOTE (120) | 3137EACA5 | 3/27/2014 | 3/27/2019 | 3.750\% | 1.832\% | 5,000,000.00 | 5,456,250.00 | 5,165,400.00 | SUNGARD | 1.465 |
| FHLMC NOTE (120) | 3137EADG1 | 5/30/2014 | 5/30/2019 | 1.750\% | 1.655\% | 10,000,000.00 | 10,045,460.00 | 10,043,500.00 | SUNGARD | 1.641 |
| FHLMC NOTE (85) | 3137EADK2 | 8/20/2014 | 8/1/2019 | 1.250\% | 1.727\% | 5,000,000.00 | 4,887,300.00 | 4,976,250.00 | SUNGARD | 1.817 |
| FHLMC NOTE (120) | $3137 E A D R 7$ | 5/20/2015 | 5/1/2020 | 1.375\% | 1.625\% | 10,000,000.00 | 9,881,500.00 | 9,945,400.00 | SUNGARD | 2.535 |
| FHLMC NOTE (170) | 3137EAEC9 | 8/17/2016 | 8/12/2021 | 1.125\% | 1.314\% | 10,000,000.00 | 9,908,900.00 | 9,745,800.00 | SUNGARD | 3.789 |
| TOTAL FHLMC |  |  |  | 1.923\% | 1.404\% | 55,000,000.00 | 56,142,505.00 | 54,888,700.00 |  | 1.787 |
|  |  |  |  |  |  | 1.73\% | 1.77\% | 1.73\% |  |  |
| IFC NOTE (45) | 45950VHL3 | 2/11/2016 | 2/12/2018 | 0.850\% | 0.850\% | 25,000,000.00 | 25,000,000.00 | 24,952,500.00 | SUNGARD | 0.370 |
| IFC NOTE (45) | 45950VJB3 | 4/18/2016 | 4/18/2018 | 0.876\% | 0.876\% | 25,000,000.00 | 25,000,000.00 | 25,000,000.00 | SUNGARD | 0.548 |
| IFC NOTE (45) | 45950VJD9 | 5/12/2016 | 5/12/2018 | 0.870\% | 0.870\% | 25,000,000.00 | 25,000,000.00 | 25,000,000.00 | SUNGARD | 0.615 |
| IBRD NOTE (45) | 45905UWZ3 | 6/20/2016 | 6/20/2018 | 0.890\% | 0.890\% | 25,000,000.00 | 25,000,000.00 | 24,924,750.00 | SUNGARD | 0.720 |
| IFC NOTE (45) | 45950KCC2 | 7/18/2016 | 7/16/2018 | 1.250\% | 0.816\% | 9,000,000.00 | 9,077,130.00 | 8,984,430.00 | SUNGARD | 0.791 |
| IBRD NOTE (170) | 45905UUL6 | 7/14/2016 | 7/26/2018 | 1.200\% | 0.841\% | 16,000,000.00 | 16,115,520.00 | 16,115,520.00 | SUNGARD | 0.819 |
| IFC NOTE (45) | 45950VJR8 | 8/12/2016 | 8/12/2018 | 0.880\% | 0.880\% | 25,000,000.00 | 25,000,000.00 | 24,881,000.00 | SUNGARD | 0.864 |
| IFC NOTE (170) | 45950VJY3 | 9/15/2016 | 9/14/2018 | 0.925\% | 0.925\% | 25,000,000.00 | 25,000,000.00 | 24,878,250.00 | SUNGARD | 0.953 |
| IADB NOTE (23) | 4581X0CK2 | 10/7/2016 | 9/25/2018 | 1.500\% | 0.991\% | 14,000,000.00 | 14,138,320.00 | 14,004,480.00 | SUNGARD | 0.982 |
| IBRD NOTE (45) | 459058ERO | 10/7/2016 | 10/5/2018 | 1.000\% | 0.977\% | 11,000,000.00 | 11,005,060.00 | 10,956,880.00 | SUNGARD | 1.006 |
| IBRD NOTE (20) | 459058DL4 | 4/11/2017 | 3/15/2019 | 1.876\% | 1.412\% | 25,000,000.00 | 25,219,750.00 | 25,122,500.00 | SUNGARD | 1.444 |
| IADB NOTE (45) | 458182DX7 | 5/8/2017 | 5/13/2019 | 1.000\% | 1.438\% | 25,000,000.00 | 24,783,500.00 | 24,738,750.00 | SUNGARD | 1.604 |
| IADB NOTE (45) | 4581X0CD8 | 11/12/2015 | 11/9/2020 | 2.125\% | 1.887\% | 10,000,000.00 | 10,112,900.00 | 10,084,100.00 | SUNGARD | 3.000 |
| IBRD NOTE (45) | 45905UUY8 | 2/4/2016 | 2/4/2021 | 1.550\% | 1.550\% | 10,000,000.00 | 10,000,000.00 | 9,841,900.00 | SUNGARD | 3.265 |
| IBRD NOTE (45) | 459058EW9 | 3/9/2016 | 3/9/2021 | 1.626\% | 1.667\% | 10,000,000.00 | 9,979,880.00 | 9,925,500.00 | SUNGARD | 3.358 |
| IBRD NOTE(45) | 459058EW9 | 4/22/2016 | 3/9/2021 | 1.626\% | 1.413\% | 10,000,000.00 | 10,099,780.00 | 9,925,500.00 | SUNGARD | 3.358 |
| IBRD NOTE (170) | 459058FH1 | 5/24/2016 | 5/24/2021 | 1.376\% | 1.376\% | 10,000,000.00 | 9,980,400.00 | 9,820,500.00 | SUNGARD | 3.556 |
| IBRD NOTE (170) | 459058FH1 | 6/17/2016 | 5/24/2021 | 1.376\% | 1.376\% | 10,000,000.00 | 10,030,300.00 | 9,820,500.00 | SUNGARD | 3.556 |
| IBRD NOTE (170) | 45905UXP4 | 7/26/2016 | 7/26/2021 | 1.300\% | 1.305\% | 10,000,000.00 | 9,997,500.00 | 9,692,300.00 | SUNGARD | 3.733 |
| IADB NOTE (170) | 4581X0CV8 | 9/16/2016 | 9/14/2021 | 1.250\% | 1.439\% | 20,000,000.00 | 19,818,800.00 | 19,460,200.00 | SUNGARD | 3.869 |
| IRBD NOTE (85) | 459058DY6 | 2/15/2017 | 2/10/2022 | 1.626\% | 2.177\% | 20,000,000.00 | 19,481,600.00 | 19,688,400.00 | SUNGARD | 4.217 |
| IBRD NOTE (170) | 45905 UH 23 | 4/27/2017 | 4/27/2022 | 1.930\% | 1.942\% | 20,000,000.00 | 19,989,000.00 | 19,989,000.00 | SUNGARD | 4.365 |
| TOTAL SUPRANATIONALS |  |  |  | 1.244\% | 1.224\% | 380,000,000.00 | 379,829,440.00 | 377,806,960.00 |  | 1.865 |
|  |  |  |  |  |  | 11.96\% | 11.97\% | 11.91\% |  |  |

COUNTY OF SACRAMENTO SHORT-TERM INVESTMENT PORTFOLIO POOLED FUNDS
AS OF 09/30/2017

CUSIP

TOTAL SUPRANATIONALS D.N.
CP-BK OF MONTREAL(45)
CP-BANK OF MONTREAL(45) CP-BK OF MONTREAL(45) CP-APPLE (85) CP-TORONTO (20) CP-MICROSOFT (85) CP-TORONTO (20) CP-TOYOTA (270) CP-TORONTO (20) CP-TOYOTA (270) CP-COCA COLA (85) CP-TOYOTA (270) CP-APPLE (85) CP-TOYOTA (270) CP-COCA COLA (85) CP-APPLE (85) CP-APPLE (85) CP-TOYOTA (270) CP-TORONTO (20) CP-TORONTO (20) CP-TORONTO (20) CP-COCA COLA (85) CP-MICROSOFT (85) CP-MICROSOFT (85) CP-MICROSOFT (85)
CP-COCA COLA (85) CP-GE CAP TREAS (118) CP-GE CAP TREAS (118)

TOTAL COMMERCIAL PAPER DISC

CD-RABOBANK (280)
CD-SVENSKA (260)
21685VXT1
4/13/2017 10/2/2017
4/18/2017 1
10/2/2017

| PURCHASE |  |
| :--- | :--- |
| $\underline{\text { DATE }}$ | $\frac{\text { MATURITY }}{\underline{\text { DATE }}} \frac{\text { INTEREST }}{} \frac{\text { TRADING }}{\underline{\text { RATE }}} \frac{\underline{Y I E L D}}{}$ |


| PAR VALUE | BOOK VALUE | MARKET VALUE | SOURCE | DURATION (YEARS) |
| :---: | :---: | :---: | :---: | :---: |
| 50,000,000.00 | 49,753,597.22 | 49,913,500.00 | SUNGARD | 0.170 |
| 50,000,000.00 | 49,753,597.22 | 49,913,500.00 |  | 0.170 |
| 1.57\% | 1.57\% | 1.57\% |  |  |
| 35,000,000.00 | 34,827,819.44 | 34,997,666.67 | SUNGARD | 0.008 |
| 40,000,000.00 | 39,810,844.44 | 39,996,000.00 | SUNGARD | 0.011 |
| 45,000,000.00 | 44,775,750.00 | 44,992,500.00 | SUNGARD | 0.016 |
| 35,000,000.00 | 34,833,050.00 | 34,963,833.33 | SUNGARD | 0.088 |
| 20,000,000.00 | 19,898,000.00 | 19,978,666.67 | SUNGARD | 0.090 |
| 25,000,000.00 | 24,881,000.00 | 24,970,000.00 | SUNGARD | 0.101 |
| 30,000,000.00 | 29,837,075.00 | 29,962,000.00 | SUNGARD | 0.107 |
| 30,000,000.00 | 29,848,750.00 | 29,957,000.00 | SUNGARD | 0.120 |
| 30,000,000.00 | 29,850,900.00 | 29,948,000.00 | SUNGARD | 0.145 |
| 65,000,000.00 | 64,694,933.33 | 64,859,022.22 | SUNGARD | 0.178 |
| 50,000,000.00 | 49,721,305.56 | 49,837,250.00 | SUNGARD | 0.257 |
| 25,000,000.00 | 24,862,777.78 | 24,913,375.00 | SUNGARD | 0.274 |
| 20,000,000.00 | 19,900,600.00 | 19,929,300.00 | SUNGARD | 0.279 |
| 15,000,000.00 | 14,925,287.50 | 14,946,450.00 | SUNGARD | 0.282 |
| 15,000,000.00 | 14,931,250.00 | 14,946,450.00 | SUNGARD | 0.282 |
| 20,000,000.00 | 19,897,100.00 | 19,927,900.00 | SUNGARD | 0.285 |
| 20,000,000.00 | 19,899,200.00 | 19,927,900.00 | SUNGARD | 0.285 |
| 20,000,000.00 | 19,898,950.00 | 19,925,100.00 | SUNGARD | 0.296 |
| 40,000,000.00 | 39,805,000.00 | 39,847,400.00 | SUNGARD | 0.301 |
| 15,000,000.00 | 14,932,266.67 | 14,940,150.00 | SUNGARD | 0.315 |
| 10,000,000.00 | 9,954,844.44 | 9,959,750.00 | SUNGARD | 0.318 |
| 45,000,000.00 | 44,771,200.00 | 44,815,725.00 | SUNGARD | 0.323 |
| 15,000,000.00 | 14,930,866.67 | 14,938,575.00 | SUNGARD | 0.323 |
| 30,000,000.00 | 29,862,750.00 | 29,877,150.00 | SUNGARD | 0.323 |
| 50,000,000.00 | 49,771,250.00 | 49,795,250.00 | SUNGARD | 0.323 |
| 30,000,000.00 | 29,867,733.33 | 29,877,150.00 | SUNGARD | 0.323 |
| 35,000,000.00 | 34,825,670.83 | 34,835,704.17 | SUNGARD | 0.356 |
| 45,000,000.00 | 44,762,400.00 | 44,774,025.00 | SUNGARD | 0.381 |
| 855,000,000.00 | 850,778,574.99 | 852,639,293.06 |  | 0.219 |
| 26.92\% | 26.81\% | 26.89\% |  |  |
| 20,000,000.00 | 20,000,000.00 | 20,000,093.13 | SUNGARD | 0.005 |
| 25,000,000.00 | 25,000,576.78 | 25,000,068.30 | SUNGARD | 0.005 |

COUNTY OF SACRAMENTO
SHORT-TERM INVESTMENT PORTFOLIO
POOLED FUNDS
AS OF 09/30/2017

| DESCRIPTION | CUSIP | $\frac{\text { PURCHASE }}{\text { DATE }}$ | $\frac{\text { MATURITY }}{\text { DATE }}$ | $\frac{\text { INTEREST }}{\text { RATE }}$ | $\frac{\text { TRADING }}{\underline{\text { YIELD }}}$ | PAR VALUE | BOOK VALUE | MARKET VALUE | SOURCE | $\frac{\text { DURATION }}{\text { (YEARS) }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CD-NORDEA (260) | 65590AGA8 | 4/28/2017 | 10/2/2017 | 1.120\% | 1.120\% | 30,000,000.00 | 30,000,000.00 | 30,000,024.49 | SUNGARD | 0.005 |
| CD-SVENSKA (260) | 86958JMS5 | 5/2/2017 | 10/2/2017 | 1.155\% | 1.150\% | 25,000,000.00 | 25,000,528.67 | 25,000,068.98 | SUNGARD | 0.005 |
| CD-SVENSKA (260) | 86958JMU0 | 5/5/2017 | 10/2/2017 | 1.175\% | 1.170\% | 15,000,000.00 | 15,000,310.98 | 15,000,058.07 | SUNGARD | 0.005 |
| CD-ROYAL BK CANADA(260) | 78009NT48 | 5/9/2017 | 10/6/2017 | 1.135\% | 1.135\% | 25,000,000.00 | 25,000,000.00 | 25,000,125.00 | SUNGARD | 0.016 |
| CD-ROYAL BK CANADA (260) | 78009NT55 | 5/10/2017 | 10/10/2017 | 1.135\% | 1.135\% | 40,000,000.00 | 40,000,000.00 | 40,000,333.68 | SUNGARD | 0.027 |
| CD-SKANDINAVISKA(260) | 83050FUL3 | 5/12/2017 | 10/12/2017 | 1.140\% | 1.140\% | 30,000,000.00 | 30,000,000.00 | 30,000,350.76 | SUNGARD | 0.033 |
| CD-SKANDINAVISKA (120) | 83050FUS8 | 5/15/2017 | 10/16/2017 | 1.140\% | 1.140\% | 30,000,000.00 | 30,000,000.00 | 30,000,469.01 | SUNGARD | 0.044 |
| CD-SKANDINAVISKA (120) | 83050FUY5 | 5/17/2017 | 10/20/2017 | 1.140\% | 1.140\% | 40,000,000.00 | 40,000,000.00 | 40,000,783.14 | SUNGARD | 0.055 |
| CD-SKANDINAVISKA (260) | 83050FVA6 | 5/18/2017 | 10/23/2017 | 1.140\% | 1.140\% | 25,000,000.00 | 25,000,000.00 | 25,000,563.38 | SUNGARD | 0.063 |
| CD-ROYAL BK CANADA (260) | 78009NT71 | 5/22/2017 | 10/24/2017 | 1.125\% | 1.125\% | 30,000,000.00 | 30,000,000.00 | 30,000,409.64 | SUNGARD | 0.066 |
| CD-WELLS FARGO (170) | 94989RLS5 | 5/26/2017 | 11/1/2017 | 1.100\% | 1.100\% | 60,000,000.00 | 60,000,000.00 | 59,999,772.56 | SUNGARD | 0.088 |
| CD-SWEDBANK (120) | 87019UK32 | 6/1/2017 | 11/3/2017 | 1.130\% | 1.130\% | 50,000,000.00 | 50,000,000.00 | 50,001,218.11 | SUNGARD | 0.093 |
| CD-RABOBANK (280) | 21685VZAO | 6/7/2017 | 11/7/2017 | 1.250\% | 1.250\% | 28,000,000.00 | 28,000,000.00 | 28,004,298.52 | SUNGARD | 0.104 |
| CD-SVENSKA (260) | 86958JQAO | 6/19/2017 | 11/17/2017 | 1.305\% | 1.300\% | 40,000,000.00 | 40,000,834.34 | 40,010,698.60 | SUNGARD | 0.131 |
| CD-ROYAL BK CAN (260) | 78009NU95 | 6/23/2017 | 11/17/2017 | 1.265\% | 1.265\% | 30,000,000.00 | 30,000,000.00 | 30,006,437.49 | SUNGARD | 0.131 |
| CD-ROYAL BK CANADA(260) | 78009NV94 | 6/28/2017 | 11/20/2017 | 1.275\% | 1.275\% | 35,000,000.00 | 35,000,000.00 | 35,008,482.29 | SUNGARD | 0.140 |
| CD-RABOBANK (280) | 21685VZW2 | 7/5/2017 | 12/1/2017 | 1.290\% | 1.290\% | 25,000,000.00 | 25,000,000.00 | 25,008,017.72 | SUNGARD | 0.170 |
| CD-RABOBANK (280) | 21685VA66 | 7/7/2017 | 12/1/2017 | 1.300\% | 1.300\% | 35,000,000.00 | 35,000,000.00 | 35,011,829.62 | SUNGARD | 0.170 |
| CD-RABOBANK (280) | 21685VA90 | 7/10/2017 | 12/1/2017 | 1.280\% | 1.280\% | 10,000,000.00 | 10,000,000.00 | 10,003,039.01 | SUNGARD | 0.170 |
| CD-RABOBANK (280) | 21685VD48 | 8/3/2017 | 12/6/2017 | 1.330\% | 1.330\% | 40,000,000.00 | 40,000,000.00 | 40,016,912.13 | SUNGARD | 0.183 |
| CD-SVENSKA (260) | 86958JRZ4 | 7/28/2017 | 1/2/2018 | 1.335\% | 1.330\% | 55,000,000.00 | 55,001,199.94 | 55,021,790.40 | SUNGARD | 0.257 |
| CD-SWEDBANK (120) | 87019UV48 | 8/3/2017 | 1/4/2018 | 1.300\% | 1.300\% | 35,000,000.00 | 35,000,000.00 | 35,010,934.92 | SUNGARD | 0.263 |
| CD-SWEDBANK (120) | 87019UW47 | 8/10/2017 | 1/9/2018 | 1.300\% | 1.300\% | 25,000,000.00 | 25,000,000.00 | 25,008,236.97 | SUNGARD | 0.277 |
| CD-NORDEA (120) | 65590AKM7 | 8/14/2017 | 1/9/2018 | 1.300\% | 1.300\% | 25,000,000.00 | 25,000,000.00 | 25,008,248.89 | SUNGARD | 0.277 |
| CD-NORDEA (120) | 65590ALH7 | 9/8/2017 | 1/26/2018 | 1.300\% | 1.300\% | 40,000,000.00 | 40,000,000.00 | 40,015,550.28 | SUNGARD | 0.323 |
| CD-NORDEA (260) | 65590ALW4 | 9/27/2017 | 2/1/2018 | 1.290\% | 1.290\% | 40,000,000.00 | 40,000,000.00 | 40,015,076.80 | SUNGARD | 0.335 |
| CD-SWEDBANK (120) | 87019U3N7 | 9/28/2017 | 2/1/2018 | 1.250\% | 1.250\% | 35,000,000.00 | 35,000,000.00 | 35,008,394.89 | SUNGARD | 0.335 |
| TOTAL CERT. OF DEPOSIT/THRIFT NOTES |  |  |  | 1.220\% | 1.219\% | $\begin{array}{r} 943,000,000.00 \\ 29.69 \% \end{array}$ | $\begin{array}{r} 943,003,450.71 \\ 29.72 \% \end{array}$ | $\begin{array}{r} 943,162,286.78 \\ 29.74 \% \end{array}$ |  | 0.139 |
| LAIF POOL |  | 7/31/1997 | 3/31/2018 | 1.084\% | 1.084\% | 65,000,000.00 | 65,000,000.00 | 65,000,000.00 | BOOK | 0.497 |
| TOTAL PASSBOOK ACCOUNTS |  |  |  | 1.084\% | 1.084\% | $\begin{array}{r} 65,000,000.00 \\ 2.05 \% \end{array}$ | $\begin{array}{r} 65,000,000.00 \\ 2.05 \% \end{array}$ | $\begin{array}{r} 65,000,000.00 \\ 2.05 \% \end{array}$ |  | 0.497 |
| Grand Total |  |  |  | 1.307\% | 1.290\% | 3,176,111,425.48 | 3,173,198,716.05 | 3,170,962,315.32 |  | 0.912 |



# Department of Finance <br> BEN LAMERA, DIRECTOR OF FINANCE POOLED INVESTMENT FUND 

## Monthly Review — September 2017

## PORTFOLIO COMPLIANCE

Based on the Director of Finance Review Group Month-End Report, the entire portfolio was in full compliance with the Sacramento County Annual Investment Policy for the Pooled Investment Fund for Calendar Year 2017 and California Government Code. ${ }^{1}$

## PORTFOLIO STATISTICS

$\begin{array}{lr}\text { Portfolio's Month-End Balance } & \$ 3,173,198,716 \\ \text { Earned Income Yield for the Month } & 1.30 \% \\ \text { Weighted Average Maturity (Days) } & 340 \\ \text { Estimated Duration (Years) } & 0.912 \\ \text { Amortized Book Value } & \$ 3,171,306,587 \\ \text { Month-End Market Value } & \$ 3,170,962,315 \\ \text { Percent of Market to Book Value }{ }^{2} & 99.99 \%\end{array}$
External third party Investment Manager(s) at month end:
State Treasurer's Office (LAIF)

## Investment Objectives

- Safety of Principal
- Liquidity
- Public Trust
- Maximum Rate of Return


## PORTFOLIO STRUCTURE ${ }^{3}$

| Investment Description | Portfolio <br> at Cost | Yield <br> at <br> Enth <br> End |
| :--- | :---: | :---: |
| US Agency, Treasury \& Municipal Notes (USATM): |  |  |
| US Agency Notes | $27.31 \%$ | $\mathbf{1 . 4 7 0 \%}$ |
| US Treasury Notes | $0.00 \%$ | $\mathbf{0 . 0 0 0 \%}$ |
| Municipal Notes | $0.57 \%$ | $\mathbf{1 . 1 4 3 \%}$ |
| Total USATM | $27.88 \%$ | $\mathbf{1 . 4 6 4 \%}$ |
| Supranationals (SUPRAS) | $13.54 \%$ | $\mathbf{1 . 2 1 4 \%}$ |
| Commercial Paper (CP) | $26.81 \%$ | $\mathbf{1 . 2 4 4 \%}$ |
| Certificates of Deposit (CD) | $29.72 \%$ | $\mathbf{1 . 2 1 9 \%}$ |
| LAIF/Money Market Funds (MMF) | $2.05 \%$ | $\mathbf{1 . 0 8 4 \%}$ |
| Repurchase Agreements (REPO) | $0.00 \%$ | $\mathbf{0 . 0 0 0 \%}$ |


| US Agency Notes Breakdown <br> Percent of Portfolio at Cost |  |
| :--- | ---: |
| FFCB Notes/Discount Notes | $6.14 \%$ |
| FHLB Notes/Discount Notes | $12.96 \%$ |
| FNMA Notes/Discount Notes | $6.44 \%$ |
| FHLMC Notes/Discount Notes | $1.77 \%$ |
| Total US Agency Notes | $\mathbf{2 7 . 3 1 \%}$ |

[^1]
## YIELD HISTORY

The earned interest yield history represents gross yields; costs have not been deducted. The estimated investment management costs in the prior year were approximately 8 basis points or $0.08 \%$. The quarterly apportionment of earnings to participating funds will be made on a cash basis (as opposed to an accrual basis) for the first three quarters of the fiscal year. Earnings to participating funds will be annualized over the fiscal year based on a fund's cumulative average daily cash balance at each quarter end and fiscal year end. At fiscal year end (fourth quarter), the earnings of the pool will be converted to an accrual basis for the fourth quarter earnings' allocation.

YIELD TRENDS ${ }^{4}$

| Earned Income Yield |  |  |
| :---: | :---: | :---: |
| History |  |  |
| MONTH | POOL | LAIF |
| Sep-16 | $0.91 \%$ | $0.63 \%$ |
| Oct-16 | $0.92 \%$ | $0.65 \%$ |
| Nov-16 | $0.95 \%$ | $0.68 \%$ |
| Dec-16 | $0.98 \%$ | $0.72 \%$ |
| Jan-17 | $1.01 \%$ | $0.75 \%$ |
| Feb-17 | $1.11 \%$ | $0.78 \%$ |
| Mar-17 | $1.10 \%$ | $0.82 \%$ |
| Apr-17 | $1.12 \%$ | $0.88 \%$ |
| May-17 | $1.14 \%$ | $0.93 \%$ |
| Jun-17 | $1.17 \%$ | $0.98 \%$ |
| Jul-17 | $1.18 \%$ | $1.05 \%$ |
| Aug-17 | $1.24 \%$ | $1.08 \%$ |
| Sep-17 | $1.30 \%$ | $1.11 \%$ |



Earned Interest Yield Over Last 12 Months

## CASH FLOW PROJECTION

The Pooled Investment Fund cash requirements are based on a 14 -month historical cash flow model. The model has been adjusted for expected non-reoccurring participant liquidity needs. This projection, updated on October 11, 2017, is sufficient to meet cash flow expenditures for the next six months.

| Month | Beginning Bank <br> Balance | Receipts \& Maturities | Disbursements | Difference | Less Investments Beyond 1 year | Funds Available to Invest for Future Cash Flow Needs ${ }^{5}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dollar amounts represented in millions |  |  |  |  |  |  |
| Oct | 20.0 | \$1,148.2 | \$768.9 | \$379.3 | \$45.0 | \$334.3 |
| Nov | 20.0 | \$1,143.4 | \$707.1 | \$436.3 | \$45.0 | \$391.3 |
| Dec | 20.0 | \$1,423.0 | \$780.3 | \$642.7 | \$45.0 | \$597.7 |
| Jan | 20.0 | \$1,259.9 | \$892.2 | \$367.7 | \$45.0 | \$322.7 |
| Feb | 20.0 | \$908.3 | \$605.1 | \$303.2 | \$45.0 | \$258.2 |
| Mar | 20.0 | \$936.5 | \$539.8 | \$396.7 | \$45.0 | \$351.7 |

If you have any questions about the Pooled Investment Fund, please call Chief Investment Officer Bernard Santo Domingo at (916) 874-7320 or Investment Officer Dave Matuskey at (916) 874-4251.

[^2]
## Inter-Departmental Memorandum

November 17, 2017

To: Treasury Oversight Committee
From: Bernard Santo Domingo Chief Investment Officer


Subject: INVESTMENT APPROVED LISTS
Attached for your review is a report of the changes made to the Investment Approved Lists for the quarter ended September 30, 2017. The report reflects additions, deletions, and reaffirmations of investment providers for the following approved lists:

- Domestic Banks for All Legal Investments;
- Foreign Banks for All Legal Investments;
- Commercial Paper and Medium-Term Note Programs;
- Community Reinvestment Banks and Credit Unions;
- Firms for Purchase and Sale of Securities (Broker/Dealers and Direct Issuers); and
- Money Market Funds.

If you have any questions regarding these changes, please don't hesitate to call me at (916) 874-7320.

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Changes to the Investment Approved Lists For the Quarter Ended September 30, 2017

| Reaffirmed | Added ${ }^{1}$ | Deleted |
| :--- | :--- | :--- | :--- |
| Domestic Banks for all Legal Investments |  |  |

[^3]
# OVERVIEW OF POOLED INVESTMENT FUND STATISTICS FROM VARIOUS JURISDICTIONS FOR SEPTEMBER 2017. 

## Investment Fund Statistics Questionnaire Results September 2017

| Name of Fund | Earned Interest Yield | Portfolio Size (in millions) | Weighted <br> Average <br> Maturity <br> (in days) | Percent Market Value |
| :---: | :---: | :---: | :---: | :---: |
| Sacramento County (Pooled) | 1.30\% | \$3,071.5 | 340 | $\mathbf{9 9 . 9 9 \%}$ |
| Sacramento County (All) | 1.29\% | \$3,728.1 | 368 | N/A |
| Local Agency Investment Fund (LAIF) | 1.11\% | \$20,431.1 | 190 | $\mathbf{9 9 . 9 0 \%}$ |
| Contra Costa County (Pooled) | 1.32\% | \$2,191.3 | 173 | 100.11\% |
| Contra Costa County (All) | 1.30\% | \$2,831.9 | 208 | 100.05\% |
| Fresno County | 1.74\% | \$3,114.0 | 800 | 100.01\% |
| Los Angeles County | 1.42\% | \$25,421.0 | 674 | 99.34\% |
| Merced County | 1.45\% | \$769.0 | 538 | 99.84\% |
| Nevada County | 1.63\% | \$173.1 | 909 | 99.76\% |
| Orange County | 1.15\% | \$3,855.9 | 354 | $\mathbf{9 9 . 7 9 \%}$ |
| Orange County (Schools) | 1.14\% | \$4,306.1 | 323 | $\mathbf{9 9 . 8 1 \%}$ |
| Riverside County | 1.25\% | \$6,159.2 | 445 | 99.83\% |
| San Diego County | 1.34\% | \$7,655.9 | 469 | 99.62\% |
| San Francisco City and County | 1.43\% | \$8,100.9 | 521 | $\mathbf{9 9 . 8 9 \%}$ |
| San Luis Obispo County | 1.22\% | \$795.8 | 303 | $\mathbf{9 9 . 8 8 \%}$ |
| Solano County | 1.19\% | \$1,024.3 | 485 | 99.85\% |
| Sonoma County (Pooled) | 1.31\% | \$1,905.9 | 511 | 99.67\% |
| Sonoma County (All) | 1.36\% | \$1,930.1 | 540 | 100.45\% |

## COMPARISON OF VARIOUS COUNTY POOLED INVESTMENT FUNDS AND LAIF 12-MONTH YIELD PERFORMANCE AS OF SEPTEMBER 2017

|  | Jurisdiction | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | Contra Costa | 0.97\% | 0.99\% | 1.01\% | 1.03\% | 1.12\% | 1.11\% | 1.15\% | 1.17\% | 1.22\% | 1.25\% | 1.31\% | 1.32\% |
| - | Fresno | 1.42\% | 1.50\% | 1.42\% | 1.48\% | 1.75\% | 1.59\% | 1.56\% | 1.56\% | 1.62\% | 1.62\% | 1.67\% | 1.74\% |
| - | LAIF | 0.65\% | 0.68\% | 0.72\% | 0.75\% | 0.78\% | 0.82\% | 0.88\% | 0.93\% | 0.98\% | 1.05\% | 1.08\% | 1.11\% |
| - | Los Angeles | 1.00\% | 1.03\% | 1.01\% | 1.11\% | 1.29\% | 1.21\% | 1.27\% | 1.29\% | 1.37\% | 1.37\% | 1.39\% | 1.42\% |
| - | Merced | 1.02\% | 1.08\% | 1.09\% | 1.17\% | 1.33\% | 1.25\% | 1.32\% | 1.32\% | 1.36\% | 1.38\% | 1.35\% | 1.45\% |
| * | Nevada | 1.28\% | 1.20\% | 1.15\% | 1.30\% | 1.35\% | 1.38\% | 1.35\% | 1.46\% | 1.48\% | 1.56\% | 1.59\% | 1.63\% |
| - | Orange | 0.79\% | 0.79\% | 0.78\% | 0.85\% | 0.94\% | 0.91\% | 0.93\% | 1.00\% | 1.06\% | 1.08\% | 1.11\% | 1.15\% |
| - | Riverside | 0.73\% | 0.77\% | 0.78\% | 0.85\% | 0.90\% | 0.95\% | 0.99\% | 1.03\% | 1.12\% | 1.18\% | 1.22\% | 1.25\% |
| $\square$ | Sacramento | 0.92\% | 0.95\% | 0.98\% | 1.01\% | 1.10\% | 1.10\% | 1.12\% | 1.14\% | 1.17\% | 1.18\% | 1.24\% | 1.30\% |
| $\wedge$ | San Diego | 1.00\% | 1.04\% | 1.05\% | 1.12\% | 1.19\% | 1.16\% | 1.21\% | 1.22\% | 1.26\% | 1.27\% | 1.30\% | 1.34\% |
| - | San Francisco | 0.78\% | 0.78\% | 0.82\% | 0.90\% | 0.97\% | 0.95\% | 1.05\% | 1.07\% | 1.19\% | 1.30\% | 1.42\% | 1.43\% |
| * | San Luis Obispo | 0.79\% | 0.79\% | 0.81\% | 0.83\% | 0.84\% | 0.89\% | 0.95\% | 1.01\% | 1.12\% | 1.18\% | 1.19\% | 1.22\% |
| - | Solano | 0.82\% | 0.78\% | 0.79\% | 0.86\% | 0.98\% | 0.91\% | 0.94\% | 1.04\% | 1.09\% | 1.09\% | 1.12\% | 1.19\% |
| - | Sonoma | 1.03\% | 1.03\% | 1.09\% | 1.14\% | 1.27\% | 1.18\% | 1.24\% | 1.23\% | 1.28\% | 1.26\% | 1.27\% | 1.31\% |



NOTE:
This graph is for illustration purposes only. When comparing performance returns, it is important to consider the cash flow needs of the individual pool fund participants in relation to the objectives of each county's investment policy.

Overview of Pooled Investment Fund Statistics from Various Jurisdictions Comparison of Yields and Average Weighted Maturities

December 31, 2016 to September 30, 2017


## DISCUSSION ON THE RECOMMENDED CHANGE TO THE COMMUNITY REINVESTMENT ACT PROGRAM AND THE INVESTMENT POLICY.

## County of Sacramento

November 17, 2017

To: Treasury Oversight Committee
From: Bernard Santo Domingo
Chief Investment Officer
Subject: COMMUNITY REINVESTMENT ACT PROGRAM UPDATE
The purpose of this communication is to respond back to the Committee with an overview of the Community Reinvestment Act Program and the requirements and restrictions as defined in the Annual Investment Policy of the Pooled Investment Fund. The Director of Finance will be making a recommendation to the Board of Supervisors on December 5, 2017, to update the Community Reinvestment Act program. It is important to note regarding the proposed recommended changes to the Investment Policy, the Director of Finance is not asking for a recommendation from the Committee and this is only informational. As a reminder, the Treasury Oversight Committee may not direct investment decisions to the Director of Finance and its main responsibility is to cause the annual audit to determine the Director of Finance's compliance with the Investment Policy.

## OVERVIEW OF THE CRA PROGRAM

In May 1992, the County of Sacramento Board of Supervisors adopted an outreach program now known as the CRA Program. To encourage banks to be active in supporting the community, the Board instructed the Director of Finance to design and implement a program to acknowledge and reward banks active in lending to the local community, specifically to low- and moderate-income neighborhoods of the County. The Director of Finance has allocated a portion of the County's Pooled Investment Fund to deposits with banks that meet the lending criteria in low- and moderate-income neighborhoods within Sacramento County. Qualified banks must also meet minimum credit and federal CRA ratings.

## HISTORY

The first increase in the CRA program balance occurred in 2002 when we modified the collateral requirements for deposits over the FDIC-insured amount, then $\$ 100,000$. Previously, we requested banks to have individual collateralized accounts, which many banks could not accommodate. In 2002, we changed our investment guidelines to allow banks to collateralize deposits in the pooled account they use to collateralize other local agency deposits. Depending
on the types of securities pledged, banks must pledge collateral worth between $110 \%$ and $150 \%$ of the value of all local agency deposits.

The next significant increase to the CRA program occurred in 2003, when we amended the Investment Policy to lower the credit requirements for CRA Program banks. In the Investment Policy, the minimum required Standard \& Poor's, Moody's and Fitch credit ratings were lowered from A-1, P-1, and F-1 to A-2, P-2, and F-2 respectively. These changes to the short-term rating requirements did not diminish the safety of principal. All deposits over the FDIC-insured amount still must be collateralized by securities worth $110 \%$ to $150 \%$ of the value of the deposit, and, for further safety, the collateral must be placed in a third-party custodial trust company, the Federal Reserve Bank, or the Home Loan Bank of San Francisco.

In 2006, we modified the CRA program to increase the maximum deposit per bank from $\$ 5$ million to $\$ 10$ million. Banks need to achieve a higher level of activity to receive $\$ 10$ million by demonstrating a higher level of small business and mortgage loan activity in low- and moderateincome areas in Sacramento County. Cumulatively, these changes have greatly enhanced our ability to effectively promote lending by banks to the local community, specifically for the lowand moderate-income neighborhoods of the County.

CRA Bank participation peaked in 2009 at $\$ 65$ million; currently we do not have any CRA related bank deposits. Some of our CRA Banks fell below the minimum credit ratings and/or experienced reduced demand for small business and mortgage loan activity in low- and moderate-income areas in Sacramento County as required by our CRA investment guidelines. In the wake of the mortgage and banking crisis of 2008, the cost of collateralization also increased, making CRA investments by banks less attractive, causing them to lower their interest rates on CDs below the minimums as required by the investment guidelines.

## PROPOSED CHANGES

The recommended change to the Investment Policy for 2018 that will be brought to the Board of Supervisors on December 5, 2017, is to allow for the purchase of certificates of deposits with banks using placement services such as Certificate of Deposit Account Registry Service (CDARS). CDARS is a private sector entity that assists in the placement of deposits with multiple banks to achieve FDIC insurance coverage on the full deposit and accrued interest. These deposits are initiated with a bank the County chooses which, with the assistance of the placement service, deposits amounts below the FDIC-insured limit, currently $\$ 250,000$, with other banks, making the County's full deposit covered by FDIC insurance.

At our previous Treasury Oversight Committee meeting, an employee of a local community bank asked the Committee to drop all credit rating requirements for CRA Program deposits because of the collateral requirements of the imposed on them by the State of California. The collateral requirements may address the safety of collateralized bank deposits but it would still pose a liquidity concern regarding the uncertainty of when we will receive our deposits in the event of a bank failure. This makes unrated bank deposits an unsuitable option. Forty California-based banks have failed since 2008. The California Government Code, our Investment Policy and our
internal guidelines rely heavily on credit agencies to help in the monitoring of our investments. Removing them completely from monitoring one class of investments would significantly handicap the Investment staff from meeting its fiduciary responsibilities of monitoring the assets in the County Treasury.

## NO WRITTEN REPORT

## ITEM 11

NEXT MEETING REMINDER - FRIDAY, FEBRUARY 16, 2018.

## NO WRITTEN REPORT

## ADJOURNMENT

## NO WRITTEN REPORT


[^0]:    ${ }^{1}$ Percentages may not add up to $100 \%$ due to rounding

[^1]:    ${ }^{1}$ This monthly review complies with all of the elements required by California Government Code §53646(b), with the exception of a detailed listing of each investment. A complete copy of the Quarterly Pooled Investment Fund Report, including a detailed listing of each investment, is available on the Department of Finance, Investment Division Web page at http://www.finance.saccounty.net/Investments/RptQuarterly.asp.
    ${ }^{2}$ Percent of market to book value is calculated using amortized book value. The GASB 31 fair value reported in the CAFR is calculated using the book value at purchase.
    ${ }^{3}$ Percentages may not add up to totals due to rounding

[^2]:    ${ }^{4}$ The earned income yield is the total net earnings divided by the average daily portfolio balance multiplied by 365 and then divided by the actual number of days in the month. The reported yield fluctuates based upon the number of days in the month, thus resulting in the anomaly of higher yields being reported for months with fewer days. February's yield is a prime example of such an anomaly.
    ${ }^{5}$ Any excess net cash flow amounts in this column will be used to fund the negative cash flow positions in later months.

[^3]:    ${ }^{1}$ This company or fund satisfies the Annual Investment Policy of the Pooled Investment Fund's minimum credit rating requirement.

