

BOARD OF SUPERVISORS
Yolo County, California

To: Fin. Svcs. ✓

CONSENT CALENDAR

Excerpt of Minute Order No. 19-13 Item No. 15, of the Board of Supervisors' meeting of January 29, 2019.

MOTION: Sandy. SECOND: Villegas. AYES: Sandy, Provenza, Chamberlain, Villegas, Saylor.

15.

Receive and file the County Treasurer's Investment Report for the quarter ended December 31, 2018. (No general fund impact) (Rinde)

Approved recommended action on Consent.



County of Yolo

www.yolocounty.org

To: The Chair and Members of the Board of Supervisors

Consent-General Government # 15.

Board of Supervisors

Financial Services

Meeting Date: 01/29/2019

Brief Title: Treasurer's Report on Investments

From: Chad Rinde, Chief Financial Officer, Department of Financial Services

Staff Contact: Edward Burnham, Accounting Manager, Department of Financial Services, x8212

Subject

Receive and file the County Treasurer's Investment Report for the quarter ended December 31, 2018. (No general fund impact) (Rinde)

Recommended Action

Receive and file the Yolo County Treasurer's Report on Investments for the quarter ended December 31, 2018.

Strategic Plan Goal(s)

Operational Excellence

Reason for Recommended Action/Background

The County treasury investment portfolio is summarized in Attachment A (Investment Summary), and includes the Treasurer's Investment Pool and the investment accounts managed by the Treasury that are not pooled together for investment returns. The pooled portfolio includes County funds, deposits from special districts, and school districts totaling \$510 million as of December 31, 2018. The portfolio consisted of 4.4% (\$22.3 million) in cash at bank, 47.4% (\$241.9 million) in short term investments in government investment pools such as the Local Agency Investment Fund (LAIF) and the California Asset Management Program (CAMP), and 48.2% (\$245.6 million) in an investment pool that is actively managed by professional investment advisor PFM Asset Management, LLP (PFM). These investments consist mostly of fixed income securities as authorized by government code, such as: U.S. Treasuries; securities issued by federal agencies such as Fannie Mae, Freddie Mac and Federal Home Loan Bank; corporate notes; commercial papers; and certificates of deposit. The detail of investments in the Pooled Portfolio is shown in Attachment B (PFM Performance Report).

The non-pooled portfolio of \$71.2 million consists of specific investments for various entities and programs. These include \$27.6 million in government medium-term funds (LAIF and CAMP) for various districts, \$31.3 million in investments managed by PFM for various county programs (Landfill Closure, Lease Revenue Bonds, etc.), \$12.2 million in section 115 trusts held by PARS for County OPEB and pension purposes, and \$40 thousand in cash in bank. The non-pooled investment holdings are shown in Attachment C (Non-Pooled Holdings). In their quarterly investment review for the 4th quarter of calendar year 2018, PFM believes the path of future Fed rate hikes is less clear than in recent years, they expect future tightening (additional Fed rate hikes) to be modest. Further, political gridlock adds additional uncertainty moving into calendar year 2019. As a result, PFM plans to seek to increase portfolio duration to be more in line with (neutral to) the County's benchmark.

CASH BALANCES

Attachment D (Cash Balances) depicts the cash balances of the three major operation funds of the County, and their combined balance. On December 31, 2018, this unaudited balance was \$51.6 million, which increased \$12.9 million from the prior quarter due to normal operating expenditures and additional revenue collection of property tax payments installments due in December.

Collaborations (including Board advisory groups and external partner agencies)

Other agencies having deposits in the pool include: school districts, special districts and cities. A copy of the report is posted and available on the Department of Financial Services' website. The Board of Supervisors Investment Committee reviews the investment activity and strategy monthly; the Financial Oversight Committee reviews investment performance quarterly. All reports from the County's investment advisor PFM Asset Management LLC are available in the County Treasurer's office.

Competitive Bid Process

N/A

Attachments

[Att. A. Investment Summary](#)

[Att. B. PFM Performance Report](#)

[Att. C. Nonpooled Holdings](#)

[Att. D. Cash Balances](#)

Form Review

Inbox	Reviewed By	Date
Constance Robledo	Constance Robledo	01/22/2019 03:35 PM
Financial Services	Becky Porter	01/22/2019 05:02 PM
County Counsel	Hope Welton	01/22/2019 05:02 PM
Form Started By: Edward Burnham		Started On: 01/15/2019 02:19 PM
Final Approval Date: 01/22/2019		

COUNTY OF YOLO
Treasury Pooled Portfolio
Investment Summary
For the Three Months Ended December 31, 2018

	December 31, 2018	November 30, 2018	October 31, 2018
<u>GOVERNMENT INVESTMENT POOLS</u>			
Local Agency Investment Fund (LAIF) Accounts:			
County Pooled Account	\$ 16,977,089	\$ 16,977,089	\$ 16,977,089
Total Held in LAIF	16,977,089	16,977,089	16,977,089
California Asset Management Program (CAMP):			
County Pooled Account	224,881,023	139,279,988	71,625,887
Total Held in CAMP	224,881,023	139,279,988	71,625,887
Total Government Investment Pools	241,858,112	156,257,077	88,602,977
<u>INVESTMENTS MANAGED BY PFM (NOTE 2)</u>			
County Pooled Account at Market Value	244,210,638	243,662,947	244,882,383
Accrued Interest	1,431,717	1,123,346	981,889
Total Managed by PFM	245,642,355	244,786,294	245,864,272
<u>CASH IN BANKS</u>			
River City Bank - County Pool MMA	15,502,316	15,473,608	15,446,895
Bank of America - County Pool Checking Account	2,748,316	5,669,631	7,894,025
US BANK - County Pool Checking Account	4,000,000	9,311,086	10,861,726
Total Cash in Banks	22,250,632	30,454,325	34,202,646
<u>CASH IN TREASURY</u>			
Total Pooled Portfolio	312,208	106,456	134,184
	\$ 510,063,307	\$ 431,604,151	\$ 368,804,078

NOTES:

- 1 The interest apportioned on an amortized cost basis for the quarter net of Treasury fees ended September 30, 2018 was an quarterly rate of 0.4851% which is an annualized rate of 1.940%. The interest apportionment for the quarter ended December 31, 2018 will be completed and distributed in January 2019.
- 2 Market values are determined by PFM Asset Management LLC (PFM), and are not materially different from those reported by Bank of New York Mellon, the third party custodian of county investments.

COUNTY OF YOLO
Non-Pooled Portfolio
Investment Summary
For the Three Months Ended December 31, 2018

	December 31, 2018	November 30, 2018	October 31, 2018
<u>GOVERNMENT INVESTMENT POOLS</u>			
Local Agency Investment Fund (LAIF) Accounts:			
Yolo County Public Agency Risk Management Insurance Authority	\$ 5,953,139	\$ 4,053,139	\$ 4,853,139
Sacramento-Yolo Mosquito & Vector Control District	4,419,081	5,019,081	12,419,081
Washington JUSD - Scholarship	41,503	41,503	41,503
Davis JUSD CFD #1	31,428	31,428	31,428
Davis JUSD CFD #2	2,756,660	2,756,660	2,756,660
Total Held in LAIF	<u>13,201,811</u>	<u>11,901,811</u>	<u>20,101,811</u>
California Asset Management Program (CAMP):			
2017A Lease Revenue Bonds	14,279,522	14,249,704	14,222,135
Willowbank Water	94,305	94,108	93,926
Total Held in CAMP	<u>14,373,827</u>	<u>14,343,812</u>	<u>14,316,062</u>
Total Government Investment Pools	<u>27,575,638</u>	<u>26,245,623</u>	<u>34,417,872</u>
<u>INVESTMENTS MANAGED BY PFM (NOTE 1)</u>			
Landfill Closure Trust Fund	17,055,424	16,918,365	16,862,686
Cache Creek	1,685,289	1,671,150	1,665,235
Demeter Fund	3,628,055	3,611,760	2,628,608
Ceres Endowment Account (NOTE 3)	8,802,953	8,761,820	8,723,631
Reported by PFM at Market Value	<u>31,171,721</u>	<u>30,963,095</u>	<u>29,880,159</u>
Accrued Interest - Landfill Closure Trust Fund	67,359	80,455	60,827
Accrued Interest - Cache Creek	8,216	7,579	5,451
Accrued Interest - Demeter Fund	12,154	16,028	12,877
Accrued Interest - Ceres Endowment Account (NOTE 3)	39,681	39,910	44,764
Accrued Interest - 2017A Lease Revenue Bonds	29,818	27,568	27,405
Total Managed by PFM	<u>31,328,948</u>	<u>31,134,635</u>	<u>30,031,483</u>
<u>INVESTMENTS MANAGED BY PARS (NOTE 2)</u>			
PARS OPEB TRUST Account	11,465,964	12,257,120	12,070,721
PARS PENSION TRUST Account	775,617	791,556	785,244
Total Managed by PARS	<u>12,241,580</u>	<u>13,048,676</u>	<u>12,855,965</u>
<u>CASH IN BANKS</u>			
Bank of New York Mellon - Demeter MMA	40,188	17,361	989,077
Total Cash in Banks	<u>40,188</u>	<u>17,361</u>	<u>989,077</u>
Total Non-Pooled Portfolio	<u>\$ 71,186,354</u>	<u>\$ 70,446,295</u>	<u>\$ 78,294,397</u>

NOTES:

- 1 Market values are determined by PFM Asset Management LLC (PFM), and are not materially different from those reported by Bank of New York Mellon, the third party custodian of county investments.
- 2 Market values are determined by Public Agency Retirement Services (PARS), and are not materially different from those reported by US BANK, the third party custodian of county investments.
- 3 In July 2002, the Board of Supervisors approved the investment of proceeds from the securitization of Tobacco Settlement Receipts in a Capital account and an Endowment Account. The Capital Account was used to finance part of the cost of the Bauer Building and the cost of the Energy Conservation Project and has been closed. The Endowment Account (shown above) is in the custody of a trustee and generates semi-annual deallocations that fund the Pomona Fund and are appropriated annually.

In April 2006, Yolo County received \$9,139,612 from participation in the sale of Series 2006 Tobacco Securitization Program. These funds are earmarked for capital projects in accordance with bond documents. In August 2009 the Board approved the purchase of the Bauer Building using \$9.7 million of the 2006 Capital Account funds. This account has been closed.

The Ceres endowment has approximately \$4M in money market securities that will be reinvested in longer duration securities in accordance with bond documents and as authorized by the Yolo County Investment Policy.



YOLO COUNTY

Investment Performance Review For the Quarter Ended December 31, 2018

Client Management Team

Sarah Meacham, Managing Director
Kenneth Schiebel, CFA, Managing Director
Allison Kaune, Senior Managing Consultant
Joseph Creason, Portfolio Manager

PFM Asset Management LLC

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San Francisco, CA 94111
415-982-4513

213 Market Street
Harrisburg, PA 17101-2141
717-232-2723

Market Update

Treasury Yields Fall from Recent Highs

- The sell-off in equity markets in the fourth quarter sparked a flight to quality as investors sought the relative safety of U.S. Treasury obligations, pushing yields lower.
- As was widely expected, the Federal Reserve raised the federal funds target rate by 25 basis points for the fourth time in 2018 at its December meeting, but the consequential bump in yields was overcome by continued equity market uncertainty.
- The 2-year Treasury decreased by 33 basis points to end the quarter at 2.49%.

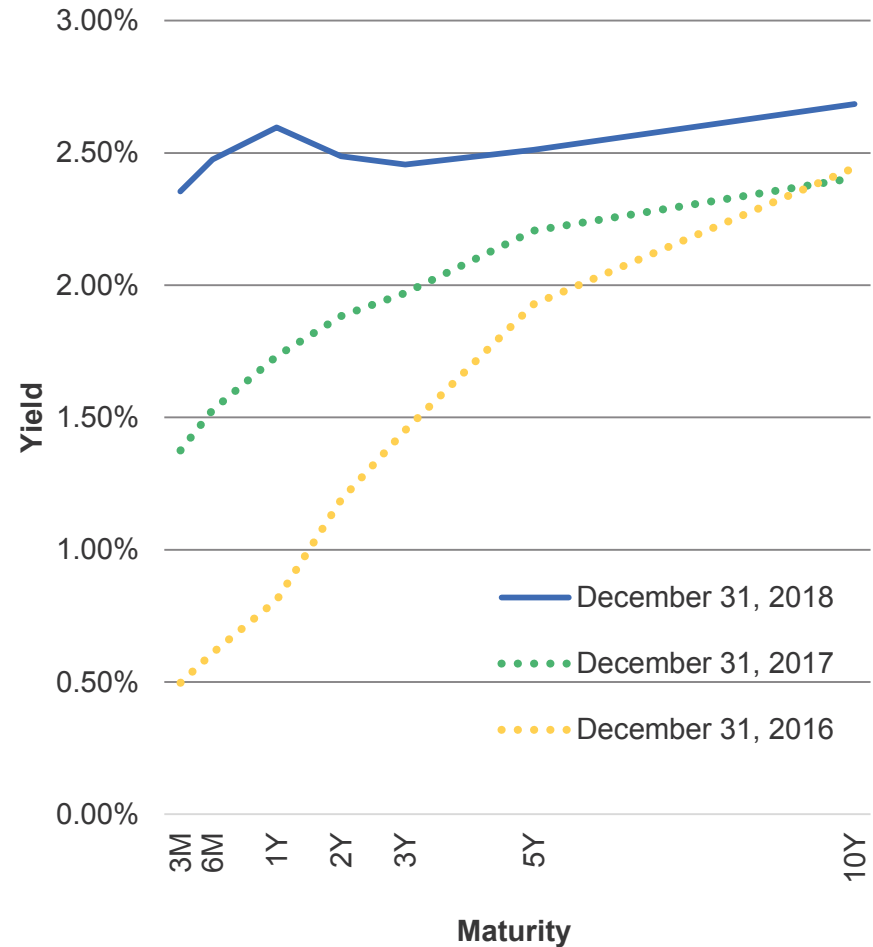
2-Year U.S. Treasury



Source: Bloomberg, as of 12/31/2018.

U.S. Treasury Curve

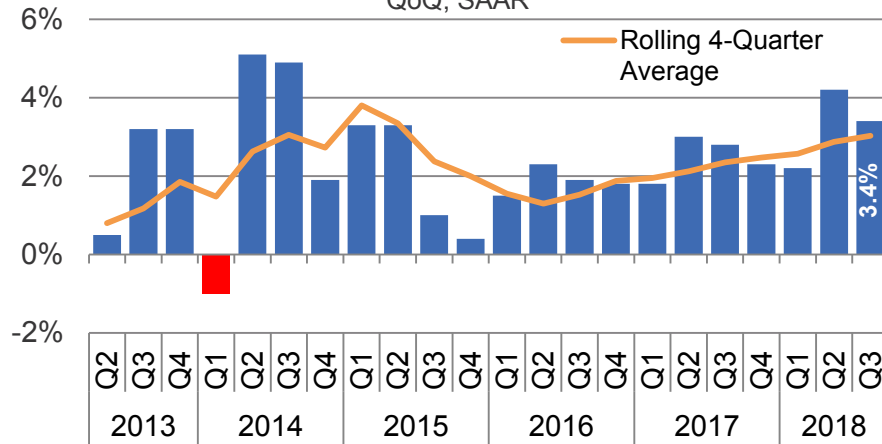
	4Q2018 12/31/18	4Q2017 12/31/17	4Q2016 12/31/16
3-month	2.35%	1.38%	0.50%
6-month	2.48%	1.53%	0.61%
1-year	2.60%	1.73%	0.81%
2-year	2.49%	1.88%	1.19%
3-year	2.46%	1.97%	1.45%
5-year	2.51%	2.21%	1.93%
10-year	2.68%	2.41%	2.44%



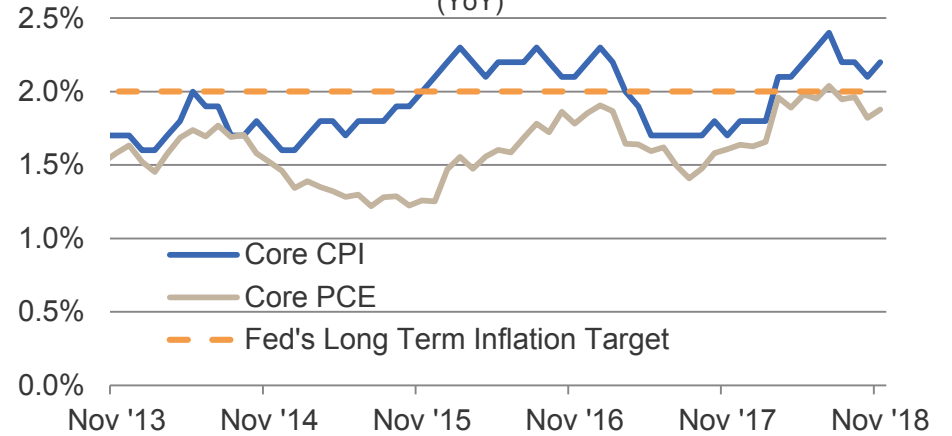
Source: Bloomberg, as of 12/31/2018.

Economic Summary

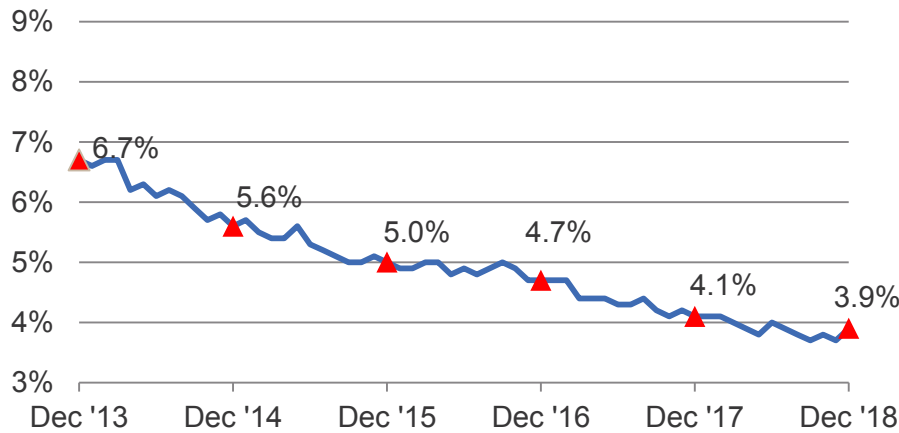
U.S. Real GDP
QoQ, SAAR



Inflation Measures
(YoY)



Unemployment Rate



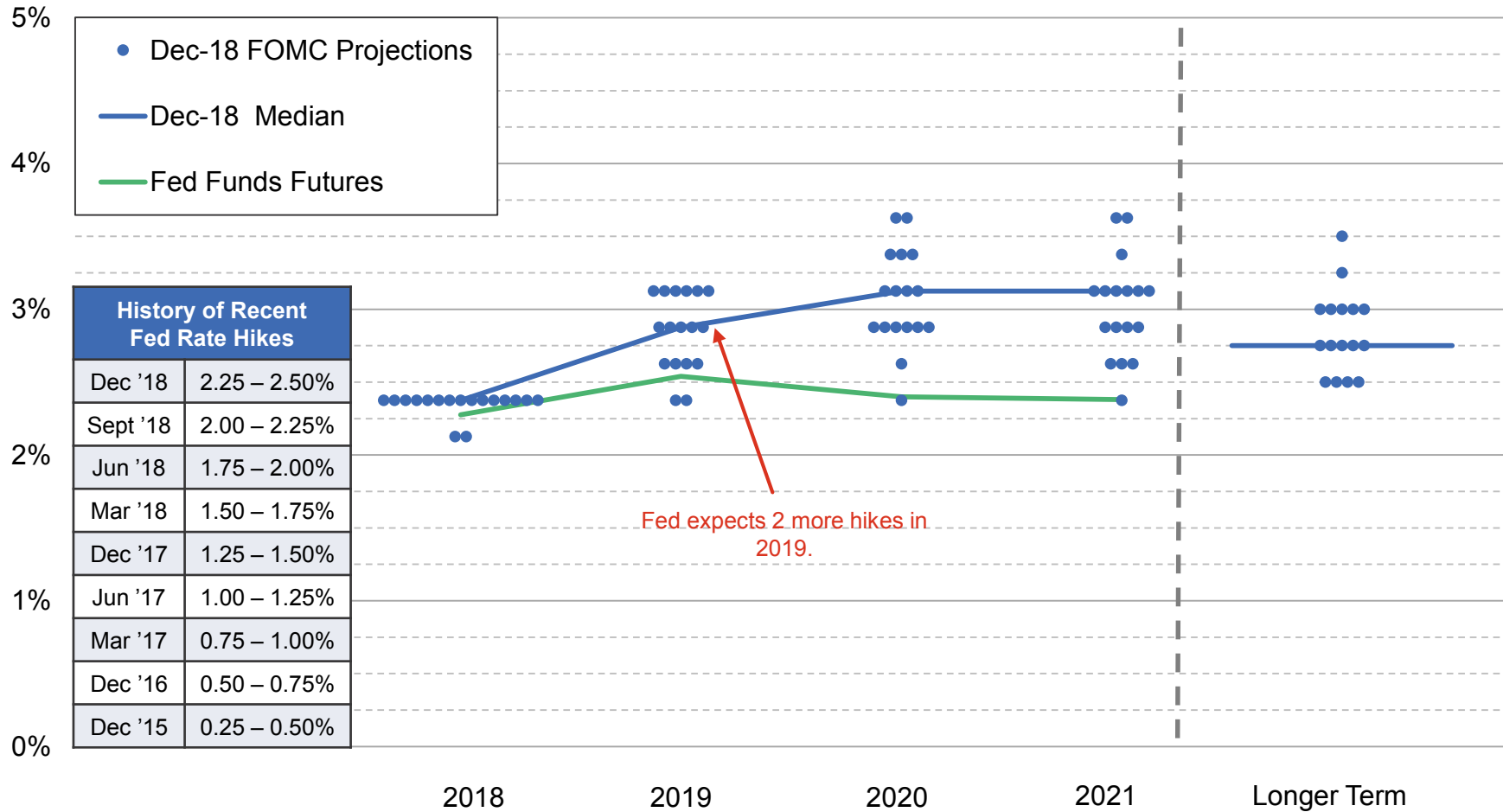
Consumer Confidence



Source: Bloomberg, latest data available as of 12/31/2018.

FOMC “Dot Plot” – A Fourth 2018 Rate Hike in December

Fed Participants’ Assessments of “Appropriate” Monetary Policy
December 2018



Source: Federal Reserve and Bloomberg. Individual dots represent each Fed members’ judgement of the midpoint of the appropriate target range for the federal funds rate at each year-end. Fed funds futures as of 12/19/2018.

Investment Performance Review

Portfolio Recap

- Investors gravitated toward lower-risk assets through the final months of 2018 as volatility surged, stocks lost their footing, credit spreads widened, and the belly of the curve (maturities between one and five years) began trading at rates lower than shorter and longer-term securities (maturities one year or less and maturities greater than five years). U.S. Treasury yields reversed course during the quarter as maturities beyond one year declined 30-40 basis points (0.30% to 0.40%).
- For the past several quarters we have positioned the portfolio with a duration less than that of the benchmark. This benefited the portfolio for most of 2018 as the Fed raised rates and yields across the curve increased. However, in the fourth quarter, sudden shifts in market sentiment that caused interest rates to fall eroded those benefits, negatively impacting portfolio performance versus the benchmark, however, the declines in longer-term yields positively impacted the portfolio's absolute performance.
 - Our strategy over the past several months was to actively reduce exposure to credit sectors (and increase allocations to safer U.S. Treasuries), which helped to reduce relative underperformance versus the benchmark, as U.S. Treasuries outperformed credit sectors for the quarter.
 - The federal agency sector generated positive returns for the fourth quarter, adding to the overall performance of the portfolio, while underperforming comparable U.S. Treasuries.
 - Incremental income from supranationals contributed to positive performance for the quarter.
 - Corporates felt the pressure of wider spreads across all industries. As a result, the sector underperformed most fixed income alternatives in the quarter. While portfolio allocations to the sector detracted from performance relative to the benchmark, our shift to a more defensive bias at the beginning of the quarter – favoring higher quality issuers, active selling of lower-yielding issues, and shorter durations – helped mitigate the underperformance.
 - After actively adding asset-backed securities (ABS) in prior quarters, the portfolio's allocation was maintained in the fourth quarter. We continue to view ABS as a favorable sector that offers incremental income and enhanced credit quality. Although the sector generated returns that were less than those of similar duration Treasuries in the fourth quarter, the AAA-rated ABS sector generated attractive relative performance compared to corporates.
 - After narrowing to 12-month tights in the third quarter, spreads on negotiable bank certificates of deposit and commercial paper issuers rebounded in the fourth quarter. As a result, in the fourth quarter the portfolio benefitted from additional allocations to these high-quality, short-term credit instruments at attractive yields.

Investment Strategy Outlook

- While the path of future Fed rate hikes is less clear than in recent years, we expect future tightening (additional Fed rate hikes) to be modest. Further, political gridlock adds additional uncertainty. As a result, we will seek to increase portfolio duration to be more in line with (neutral to) the benchmark.
- Our outlooks for the major investment-grade fixed income sectors are as follows:
 - Despite the outperformance from the federal agency sector in the fourth quarter, federal agency spreads (incremental yield) remain very narrow as most maturities offer less than five basis points (0.05%) of incremental yield relative to U.S. Treasuries. We will continue to moderate use of agencies where spreads are tight, seeking better relative value in either Treasuries or other sectors. Callable agencies will continue to be evaluated and, where analyses indicate strong value, we will seek to utilize these securities as portfolio diversifiers.
 - Supranational issuance is expected to increase during the first quarter 2019. We will seek to take advantage of attractively priced new issues through the first several months of the year.
 - Although it appears that volatility may not dissipate quickly, the significant sell-off in the corporate sector (resulting in wider spreads) presents an opportunity to selectively add to the sector. Our preference is for high-quality, defensive issuers with a focus on one to three year maturities. We continue to prefer financials (specifically domestic issuers) and to remain selective in industrial issuers.
 - Allocations to AAA-rated Asset-Backed Securities (ABS) will be maintained. The sector continues to offer attractive incremental income compared to government securities while also serving as a lower volatility credit alternative. Further, as issuance is expected to increase through the beginning of the year, opportunities may arise to add exposure.
 - Short-term money market investors continue to reap the rewards of current monetary policy as the fed funds effective rate now nears two and a half percent. Short-term negotiable bank certificates of deposit and commercial paper have since normalized off of year-end tightness and once again provide an attractive, high-quality source of incremental income.

Sector Allocation and Compliance

- The portfolio is in compliance with the County's Investment Policy and California Government Code.

Security Type	Market Value as of 12/31/18	% of Portfolio	% Change vs. 9/30/18	Permitted by Policy	In Compliance
U.S. Treasury	\$51,767,252	10.4%	-3.1%	100%	✓
Federal Agency	\$20,713,918	4.1%	-0.1%	100%	✓
Federal Agency CMOs	\$3,817,809	0.8%	-0.8%	100%	✓
Supranationals	\$27,059,533	5.4%	-3.2%	30%	✓
Negotiable CDs	\$54,179,764	10.9%	-5.2%	30%	✓
Corporate Notes	\$58,070,870	11.6%	-5.5%	30%	✓
Commercial Paper	\$9,442,369	1.9%	-0.8%	40%	✓
Asset-Backed Securities	\$19,159,122	3.8%	-2.1%	20%	✓
Securities Sub-Total	\$244,210,638	48.9%			
Accrued Interest	\$1,431,717				
Securities Total	\$245,642,355				
CAMP	\$224,881,023	45.0%	+25.3%	100%	✓
LAIF - Total	\$30,178,900	6.0%	-4.4%	\$65 million per account	✓
Total Investments	\$500,702,277	100.0%			

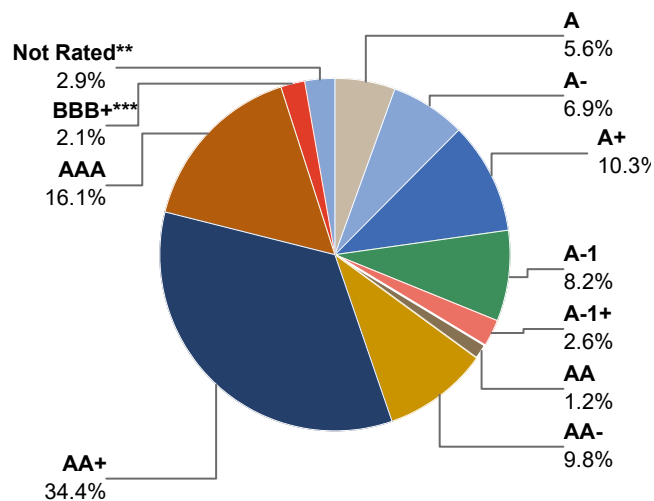
Market values, excluding accrued interest. Detail may not add to total due to rounding. Current investment policy as of June 30, 2017.

Portfolio Statistics

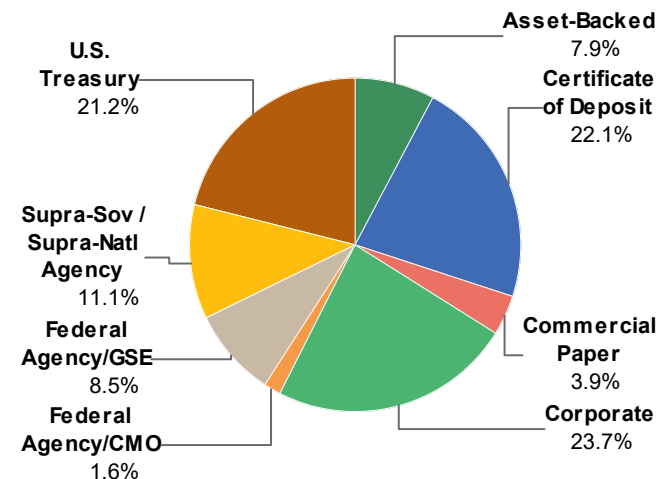
As of December 31, 2018

Par Value:	\$247,099,850
Total Market Value:	\$245,642,355
Security Market Value:	\$244,210,638
Accrued Interest:	\$1,431,717
Cash:	-
Amortized Cost:	\$246,352,793
Yield at Market:	2.74%
Yield at Cost:	2.22%
Effective Duration:	1.91 Years
Duration to Worst:	1.97 Years
Average Maturity:	2.17 Years
Average Credit: *	AA

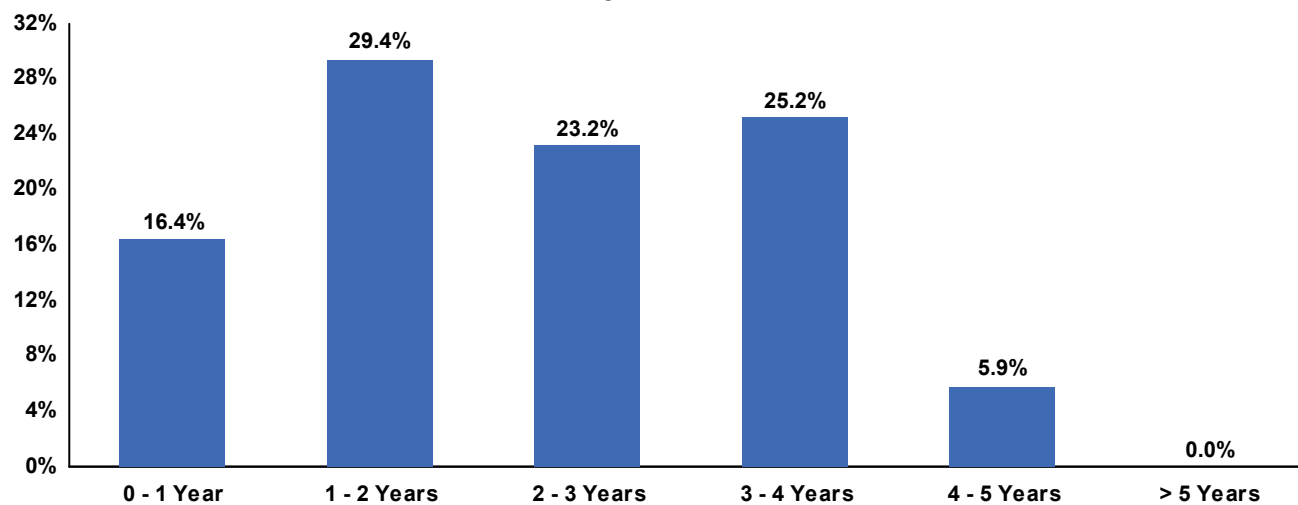
Credit Quality (S&P Ratings)



Sector Allocation



Maturity Distribution



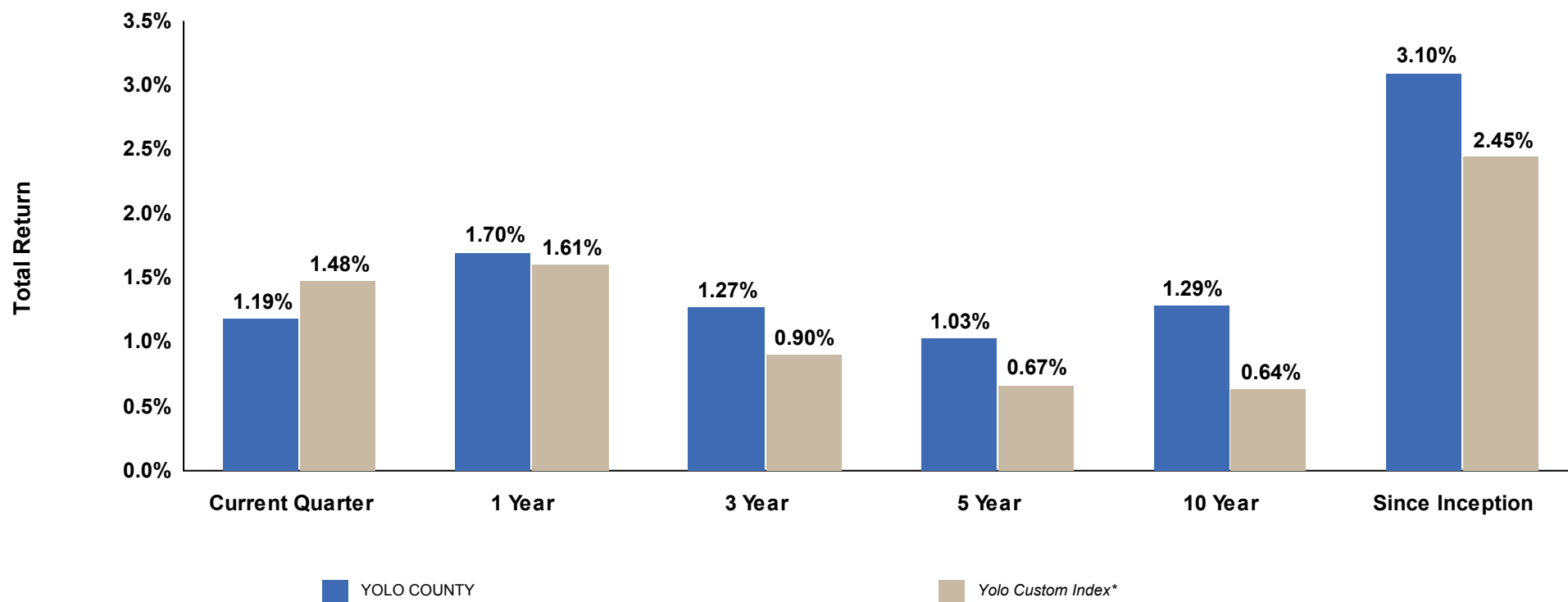
*An average of each security's credit rating assigned a numeric value and adjusted for its relative weighting in the portfolio.

**The "Not Rated" category comprises asset-backed securities rated Aaa by Moody's.

***The "BBB+" category comprises securities rated A- or better by Moody's and/or Fitch.

Portfolio Performance (Total Return)

Portfolio/Benchmark	Effective Duration	Current Quarter	Annualized Return				Since Inception (06/30/98)
			1 Year	3 Year	5 Year	10 Year	
YOLO COUNTY	1.91	1.19%	1.70%	1.27%	1.03%	1.29%	3.10%
Yolo Custom Index*	2.09	1.48%	1.61%	0.90%	0.67%	0.64%	2.45%
Difference		-0.29%	0.09%	0.37%	0.36%	0.65%	0.65%



*The County's benchmark is the ICE Bank of America Merrill Lynch (BAML) 0-5 Year U.S. Treasury Index, as of September 30, 2017. From March 31, 2015 to September 30, 2017 the benchmark was a blend of 30% BAML 3-month Treasury index and 70% BAML 1-3 year U.S. Treasury Index. From March 31, 2002 to March 31, 2015 the benchmark was a blend of 50% BAML 1-3 Year U.S. Treasury index and 50% BAML 3-month Treasury Bill index. Prior to March 31, 2002 the benchmark was the BAML 1-3 Year U.S. Treasury index.

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
US TREASURY NOTES DTD 09/30/2015 1.375% 09/30/2020	912828L65	1,170,000.00	AA+	Aaa	3/15/2017	3/17/2017	1,150,484.76	1.86	4,110.27	1,160,223.13	1,147,011.84
US TREASURY NOTES DTD 10/31/2016 1.250% 10/31/2021	912828T67	525,000.00	AA+	Aaa	8/1/2017	8/2/2017	514,479.49	1.74	1,123.96	517,906.64	507,486.53
US TREASURY NOTES DTD 11/30/2016 1.750% 11/30/2021	912828U65	1,520,000.00	AA+	Aaa	9/25/2017	9/25/2017	1,518,159.38	1.78	2,338.46	1,518,713.17	1,489,362.88
US TREASURY NOTES DTD 01/31/2017 1.875% 01/31/2022	912828V72	2,340,000.00	AA+	Aaa	7/6/2017	7/11/2017	2,335,703.90	1.92	18,360.73	2,337,060.52	2,298,319.92
US TREASURY NOTES DTD 03/31/2015 1.750% 03/31/2022	912828J76	5,150,000.00	AA+	Aaa	8/30/2017	8/31/2017	5,162,875.00	1.69	23,026.44	5,159,236.27	5,034,526.70
US TREASURY NOTES DTD 03/31/2017 1.875% 03/31/2022	912828W89	4,515,000.00	AA+	Aaa	8/1/2018	8/3/2018	4,366,851.56	2.82	21,629.21	4,382,953.63	4,430,343.75
US TREASURY NOTES DTD 03/31/2017 1.875% 03/31/2022	912828W89	1,500,000.00	AA+	Aaa	1/3/2018	1/4/2018	1,481,660.16	2.18	7,185.78	1,485,821.61	1,471,875.00
US TREASURY NOTES DTD 03/31/2017 1.875% 03/31/2022	912828W89	4,050,000.00	AA+	Aaa	12/1/2017	12/6/2017	4,009,341.80	2.12	19,401.61	4,019,134.10	3,974,062.50
US TREASURY NOTES DTD 03/31/2017 1.875% 03/31/2022	912828W89	3,780,000.00	AA+	Aaa	7/17/2017	7/17/2017	3,786,349.22	1.84	18,108.17	3,784,463.20	3,709,125.00
US TREASURY NOTES DTD 07/31/2015 2.000% 07/31/2022	912828XQ8	5,100,000.00	AA+	Aaa	8/30/2017	8/31/2017	5,164,546.88	1.73	42,684.78	5,147,583.36	5,015,931.60
US TREASURY NOTES DTD 09/30/2015 1.750% 09/30/2022	912828L57	5,115,000.00	AA+	Aaa	6/4/2018	6/6/2018	4,906,204.10	2.76	22,869.95	4,932,592.86	4,979,933.31
US TREASURY NOTES DTD 09/30/2015 1.750% 09/30/2022	912828L57	3,160,000.00	AA+	Aaa	10/3/2017	10/6/2017	3,133,090.63	1.93	14,128.85	3,139,548.64	3,076,557.04
US TREASURY N/B NOTES DTD 10/31/2017 2.000% 10/31/2022	9128283C2	5,990,000.00	AA+	Aaa	5/2/2018	5/4/2018	5,790,177.34	2.80	20,518.23	5,818,075.08	5,883,773.34
US TREASURY NOTES DTD 02/01/2016 1.750% 01/31/2023	912828P38	3,395,000.00	AA+	Aaa	10/2/2018	10/4/2018	3,232,941.80	2.93	24,862.84	3,241,523.08	3,296,731.73
US TREASURY NOTES DTD 02/29/2016 1.500% 02/28/2023	912828P79	5,675,000.00	AA+	Aaa	7/2/2018	7/5/2018	5,369,082.03	2.74	28,923.69	5,399,883.38	5,452,210.85

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Security Type Sub-Total		52,985,000.00					51,921,948.05	2.30	269,272.97	52,044,718.67	51,767,251.99
Supra-National Agency Bond / Note											
INTL BANK OF RECON AND DEV SN NOTE DTD 07/13/2016 0.875% 08/15/2019	459058FK4	2,340,000.00	AAA	Aaa	7/6/2016	7/13/2016	2,339,508.60	0.88	7,735.00	2,339,899.31	2,314,026.00
INTL BANK OF RECONSTRUCTION&DEV NOTES DTD 10/07/2014 1.875% 10/07/2019	459058DW0	2,500,000.00	AAA	Aaa	9/27/2017	9/29/2017	2,513,500.00	1.60	10,937.50	2,505,167.68	2,483,435.00
INTL BANK OF RECONSTRUCTION AND DEV NOTE DTD 09/19/2017 1.561% 09/12/2020	45905UP32	5,000,000.00	AAA	Aaa	9/12/2017	9/19/2017	4,988,000.00	1.64	23,631.81	4,993,093.65	4,908,380.00
INTER-AMERICAN DEVELOPMENT BANK DTD 11/08/2013 2.125% 11/09/2020	4581X0CD8	5,260,000.00	AAA	Aaa	10/2/2017	10/10/2017	5,308,755.49	1.81	16,145.28	5,289,705.27	5,210,908.42
INTERNATIONAL FINANCE CORPORATION NOTE DTD 01/25/2018 2.250% 01/25/2021	45950KCM0	2,115,000.00	AAA	Aaa	1/18/2018	1/25/2018	2,108,781.90	2.35	20,621.25	2,110,670.57	2,101,119.26
INTERNATIONAL FINANCE CORPORATION NOTE DTD 03/16/2018 2.635% 03/09/2021	45950VLQ7	3,890,000.00	AAA	Aaa	3/9/2018	3/16/2018	3,887,082.50	2.66	31,889.36	3,887,826.58	3,885,592.63
INTL BANK OF RECONSTRUCTION AND DEV NOTE DTD 07/25/2018 2.750% 07/23/2021	459058GH0	3,685,000.00	AAA	Aaa	7/18/2018	7/25/2018	3,676,377.10	2.83	43,912.92	3,677,578.63	3,699,986.90
INTL BANK OF RECONSTRUCTION AND DEV NOTE DTD 01/26/2017 2.000% 01/26/2022	459058FY4	2,500,000.00	AAA	Aaa	9/6/2017	9/8/2017	2,528,050.00	1.73	21,527.78	2,519,875.65	2,456,085.00
Security Type Sub-Total		27,290,000.00					27,350,055.59	1.98	176,400.90	27,323,817.34	27,059,533.21
Federal Agency Collateralized Mortgage Obligation											
FNMA SERIES 2015-M15 ASQ2 DTD 11/01/2015 1.898% 01/01/2019	3136AQSW1	29,945.36	AA+	Aaa	11/6/2015	11/30/2015	30,244.81	1.20	47.37	29,945.36	29,882.80

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Federal Agency Collateralized Mortgage Obligation											
FNMA SERIES 2015-M10 FA DTD 06/01/2015 2.532% 03/01/2019	3136ANA98	101,221.48	AA+	Aaa	6/12/2015	6/30/2015	101,192.18	0.43	213.58	101,221.48	101,054.38
FNMA SERIES 2016-M9 ASQ2 DTD 06/01/2016 1.785% 06/01/2019	3136ASPX8	15,788.86	AA+	Aaa	6/9/2016	6/30/2016	15,946.74	1.05	23.49	15,793.96	15,710.08
FANNIE MAE SERIES 2015-M13 ASQ2 DTD 10/01/2015 1.646% 09/01/2019	3136AQDQ0	176,420.23	AA+	Aaa	10/7/2015	10/30/2015	178,186.88	1.08	241.99	176,534.94	175,351.32
FNMA SERIES 2015-M12 FA DTD 09/01/2015 2.622% 04/01/2020	3136AP3Z3	504,549.24	AA+	Aaa	9/10/2015	9/30/2015	504,367.60	0.54	1,102.44	504,549.24	504,053.17
FNA 2018-M5 A2 DTD 04/01/2018 3.560% 09/25/2021	3136B1XP4	1,616,986.26	AA+	Aaa	4/11/2018	4/30/2018	1,649,149.73	2.27	4,797.06	1,643,046.35	1,635,148.09
FHLMC MULTIFAMILY STRUCTURED P POOL DTD 12/01/2015 3.090% 08/25/2022	3137BM6P6	1,350,000.00	AA+	Aaa	4/4/2018	4/9/2018	1,361,496.09	2.61	3,476.25	1,359,291.60	1,356,608.66
Security Type Sub-Total		3,794,911.43					3,840,584.03	2.05	9,902.18	3,830,382.93	3,817,808.50
Federal Agency Bond / Note											
FREDDIE MAC GLOBAL NOTES DTD 10/02/2012 1.250% 10/02/2019	3137EADM8	1,120,000.00	AA+	Aaa	6/21/2017	6/23/2017	1,114,668.80	1.46	3,461.11	1,118,219.52	1,108,427.04
FANNIE MAE GLOBAL NOTES DTD 10/25/2016 1.000% 10/24/2019	3135G0R39	3,035,000.00	AA+	Aaa	1/3/2017	1/5/2017	2,992,054.75	1.52	5,648.47	3,022,352.00	2,994,771.08
FREDDIE MAC NOTES DTD 01/17/2017 1.500% 01/17/2020	3137EAEE5	4,250,000.00	AA+	Aaa	4/3/2017	4/5/2017	4,247,790.00	1.52	29,041.67	4,249,171.17	4,202,327.75
FREDDIE MAC NOTES DTD 01/17/2017 1.500% 01/17/2020	3137EAEE5	2,355,000.00	AA+	Aaa	2/1/2017	2/3/2017	2,348,241.15	1.60	16,092.50	2,352,577.51	2,328,583.97
FHLMC AGENCY NOTES DTD 04/20/2017 1.375% 04/20/2020	3137EAEF2	1,635,000.00	AA+	Aaa	4/19/2017	4/20/2017	1,629,408.30	1.49	4,433.80	1,632,541.92	1,610,249.37
FHLB NOTES DTD 09/08/2017 1.375% 09/28/2020	3130ACE26	390,000.00	AA+	Aaa	1/3/2018	1/4/2018	382,999.50	2.05	1,385.31	385,498.06	382,114.20
FANNIE MAE NOTES DTD 04/13/2018 2.500% 04/13/2021	3135G0U27	2,545,000.00	AA+	Aaa	4/12/2018	4/13/2018	2,541,207.95	2.55	13,785.42	2,542,088.75	2,542,923.28

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Federal Agency Bond / Note											
FANNIE MAE NOTES DTD 09/14/2018 2.875% 09/12/2023	3135G0U43	5,480,000.00	AA+	Aaa	12/3/2018	12/6/2018	5,468,930.40	2.92	46,827.36	5,469,114.75	5,544,521.52
Security Type Sub-Total		20,810,000.00					20,725,300.85	2.03	120,675.64	20,771,563.68	20,713,918.21
Corporate Note											
AMERICAN HONDA FINANCE CORP NOTES DTD 02/23/2016 1.700% 02/22/2019	02665WBA8	615,000.00	A+	A2	2/18/2016	2/23/2016	614,877.00	1.71	3,746.38	614,994.06	613,871.48
BERKSHIRE HATHAWAY INC CORPORATE NOTES DTD 08/15/2016 1.300% 08/15/2019	084664CK5	1,200,000.00	AA	Aa2	8/8/2016	8/15/2016	1,198,836.00	1.33	5,893.33	1,199,754.86	1,187,403.60
CISCO SYSTEMS INC CORP NOTES DTD 09/20/2016 1.400% 09/20/2019	17275RBG6	2,460,000.00	AA-	A1	9/13/2016	9/20/2016	2,457,269.40	1.44	9,662.33	2,459,334.84	2,437,931.34
WELLS FARGO & CO CORP BONDS DTD 02/02/2015 2.150% 01/30/2020	94974BGF1	3,000,000.00	A-	A2	2/1/2017	2/3/2017	2,992,740.00	2.23	27,054.17	2,997,323.94	2,967,375.00
APPLE INC BONDS DTD 02/09/2017 1.900% 02/07/2020	037833CK4	3,505,000.00	AA+	Aa1	2/2/2017	2/9/2017	3,503,282.55	1.92	26,638.00	3,504,357.25	3,474,566.09
AMERICAN EXPRESS CREDIT (CALLABLE) NOTE DTD 03/03/2017 2.200% 03/03/2020	0258M0EE5	1,605,000.00	A-	A2	2/28/2017	3/3/2017	1,603,330.80	2.24	11,573.83	1,604,334.84	1,587,744.65
TOYOTA MOTOR CREDIT CORP DTD 04/17/2017 1.950% 04/17/2020	89236TDU6	1,985,000.00	AA-	Aa3	4/11/2017	4/17/2017	1,984,086.90	1.97	7,956.54	1,984,599.61	1,960,346.30
UNILEVER CAPITAL CORP BONDS DTD 05/05/2017 1.800% 05/05/2020	904764AV9	375,000.00	A+	A1	5/2/2017	5/5/2017	373,803.75	1.91	1,050.00	374,455.67	369,419.25
AMERICAN EXP CREDIT CORP NT (CALLABLE) DTD 05/26/2015 2.375% 05/26/2020	0258M0DT3	2,875,000.00	A-	A2	9/7/2017	9/11/2017	2,914,617.50	1.85	6,638.45	2,895,154.53	2,844,849.88
IBM CREDIT CORP NOTE DTD 09/08/2017 1.800% 01/20/2021	44932HAB9	2,700,000.00	A	A1	9/8/2017	9/12/2017	2,692,062.00	1.89	21,735.00	2,695,072.80	2,624,300.10

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate Note											
BRANCH BANKING & TRUST (CALLABLE) NOTES DTD 10/26/2017 2.150% 02/01/2021	05531FAZ6	1,375,000.00	A-	A2	10/23/2017	10/26/2017	1,374,367.50	2.17	12,317.71	1,374,578.49	1,346,064.50
JP MORGAN CHASE & CO CORP NT (CALLABLE) DTD 03/01/2016 2.550% 03/01/2021	46625HQJ2	3,025,000.00	A-	A2	7/10/2017	7/13/2017	3,043,936.50	2.37	25,712.50	3,036,339.82	2,982,347.50
EXXON MOBIL CORPORATE (CALLABLE) NOTES DTD 03/03/2016 2.222% 03/01/2021	30231GAV4	4,255,000.00	AA+	Aaa	9/6/2017	9/8/2017	4,314,910.40	1.80	31,515.37	4,292,177.00	4,193,736.51
BANK OF NEW YORK MELLON CORP (CALLABLE) DTD 02/19/2016 2.500% 04/15/2021	06406FAA1	5,000,000.00	A	A1	9/7/2017	9/11/2017	5,088,600.00	1.99	26,388.89	5,056,397.75	4,938,430.00
BANK OF AMERICA CORP NOTE DTD 04/19/2016 2.625% 04/19/2021	06051GFW4	2,635,000.00	A-	A3	11/1/2017	11/3/2017	2,654,736.15	2.40	13,833.75	2,648,301.77	2,599,161.37
AMERICAN EXPRESS CREDIT (CALLABLE) NOTES DTD 05/05/2016 2.250% 05/05/2021	0258M0EB1	1,375,000.00	A-	A2	8/8/2017	8/11/2017	1,377,956.25	2.19	4,812.50	1,376,875.23	1,345,537.88
AMERICAN HONDA FINANCE DTD 07/12/2016 1.650% 07/12/2021	02665WBF7	2,000,000.00	A+	A2	8/8/2017	8/11/2017	1,968,900.00	2.06	15,491.67	1,979,643.90	1,926,748.00
GOLDMAN SACHS GROUP CORP NOTES DTD 07/27/2011 5.250% 07/27/2021	38141GGQ1	2,380,000.00	BBB+	A3	11/3/2017	11/7/2017	2,608,218.20	2.53	53,450.83	2,540,022.37	2,470,661.34
AMERICAN HONDA FINANCE CORP NOTES DTD 09/09/2016 1.700% 09/09/2021	02665WBG5	2,500,000.00	A+	A2	9/6/2017	9/8/2017	2,476,050.00	1.95	13,222.22	2,483,711.05	2,403,400.00
CITIGROUP INC CORP (CALLABLE) NOTE DTD 12/08/2016 2.900% 12/08/2021	172967LC3	2,635,000.00	BBB+	Baa1	11/20/2017	11/22/2017	2,652,997.05	2.72	4,882.07	2,648,176.98	2,592,386.78
NATIONAL RURAL UTIL COOP CORP NOTES DTD 02/02/2012 3.050% 02/15/2022	637432MQ5	540,000.00	A	A1	4/3/2018	4/5/2018	539,325.00	3.08	6,222.00	539,458.52	538,077.06

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate Note											
CHEVRON CORP CORP (CALLABLE) NOTES DTD 03/03/2017 2.498% 03/03/2022	166764BN9	1,650,000.00	AA	Aa2	8/8/2017	8/11/2017	1,671,136.50	2.20	13,510.02	1,664,810.57	1,618,164.90
BB&T CORP (CALLABLE) NOTES DTD 03/21/2017 2.750% 04/01/2022	05531FAX1	1,225,000.00	A-	A2	4/3/2018	4/5/2018	1,202,251.75	3.25	8,421.88	1,206,255.76	1,204,247.28
NATIONAL RURAL UTIL COOP CORP NOTES DTD 04/25/2017 2.400% 04/25/2022	637432NM3	540,000.00	A	A1	4/3/2018	4/5/2018	525,231.00	3.12	2,376.00	527,792.64	525,476.70
TOYOTA MOTOR CREDIT CORP DTD 09/08/2017 2.150% 09/08/2022	89236TEC5	3,400,000.00	AA-	Aa3	9/8/2017	9/12/2017	3,391,840.00	2.20	22,945.28	3,393,889.93	3,256,234.40
VISA INC (CALLABLE) NOTE DTD 09/11/2017 2.150% 09/15/2022	92826CAG7	2,700,000.00	AA-	A1	9/21/2017	9/25/2017	2,684,070.00	2.28	17,092.50	2,687,968.21	2,613,413.70
UNITED PARCEL SERVICE CORP NOTES DTD 09/27/2012 2.450% 10/01/2022	911312AQ9	1,480,000.00	A+	A1	3/1/2018	3/5/2018	1,443,162.80	3.04	9,065.00	1,449,439.75	1,448,974.76
Security Type Sub-Total		59,035,000.00					59,352,595.00	2.14	403,208.22	59,235,222.14	58,070,870.37
Commercial Paper											
JP MORGAN SECURITIES LLC COMM PAPER DTD 05/22/2018 0.000% 01/17/2019	46640QNH0	3,250,000.00	A-1	P-1	7/20/2018	7/20/2018	3,209,966.32	2.48	0.00	3,246,461.11	3,246,187.75
CREDIT AGRICOLE CIB NY COMM PAPER DTD 07/23/2018 0.000% 01/22/2019	22533UNN9	4,415,000.00	A-1	P-1	7/24/2018	7/24/2018	4,360,984.93	2.45	0.00	4,408,767.48	4,408,315.69
BNP PARIBAS NY BRANCH COMM PAPER DTD 11/06/2018 0.000% 06/05/2019	09659CT57	1,810,000.00	A-1	P-1	12/7/2018	12/7/2018	1,784,569.50	2.85	0.00	1,788,101.52	1,787,865.51
Security Type Sub-Total		9,475,000.00					9,355,520.75	2.54	0.00	9,443,330.11	9,442,368.95
Certificate of Deposit											

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Certificate of Deposit											
SVENSKA HANDELSBANKEN NY CD DTD 01/12/2017 1.890% 01/10/2019	86958JHB8	6,445,000.00	A-1+	P-1	1/10/2017	1/12/2017	6,445,000.00	1.91	59,213.44	6,445,000.00	6,444,033.25
SUMITOMO MITSUI BANK NY CD DTD 05/04/2017 2.050% 05/03/2019	86563YVN0	3,045,000.00	A-1	P-1	5/3/2017	5/4/2017	3,045,000.00	2.05	9,883.56	3,045,000.00	3,037,829.03
SKANDINAV ENSKILDA BANKEN NY CD DTD 08/04/2017 1.840% 08/02/2019	83050FXT3	5,000,000.00	A-1	P-1	8/3/2017	8/4/2017	4,998,050.00	1.85	38,844.44	4,999,429.45	4,972,065.00
MUFG BANK LTD/NY CERT DEPOS DTD 09/27/2017 2.070% 09/25/2019	06539RGM3	2,700,000.00	A-1	P-1	9/25/2017	9/27/2017	2,700,000.00	2.07	15,214.50	2,700,000.00	2,681,162.10
CREDIT SUISSE NEW YORK CERT DEPOS DTD 02/08/2018 2.670% 02/07/2020	22549LFR1	2,620,000.00	A	A1	2/7/2018	2/8/2018	2,620,000.00	2.67	62,764.28	2,620,000.00	2,615,517.18
NORDEA BANK AB NY CD DTD 02/22/2018 2.720% 02/20/2020	65590ASN7	3,910,000.00	AA-	Aa3	2/20/2018	2/22/2018	3,910,000.00	2.72	38,700.31	3,910,000.00	3,907,622.72
UBS AG STAMFORD CT LT CD DTD 03/06/2018 2.900% 03/02/2020	90275DHG8	3,890,000.00	A+	Aa2	3/2/2018	3/6/2018	3,890,000.00	2.93	37,289.97	3,890,000.00	3,892,201.74
CREDIT AGRICOLE CIB NY FLT CERT DEPOS DTD 04/10/2018 2.884% 04/10/2020	22532XHT8	2,545,000.00	A+	A1	4/6/2018	4/10/2018	2,545,000.00	2.85	16,923.74	2,545,000.00	2,545,636.25
CANADIAN IMP BK COMM NY FLT CERT DEPOS DTD 04/10/2018 2.814% 04/10/2020	13606BVF0	3,105,000.00	A+	Aa2	4/6/2018	4/10/2018	3,105,000.00	2.78	20,146.51	3,105,000.00	3,110,769.09
BANK OF NOVA SCOTIA HOUSTON CD DTD 06/07/2018 3.080% 06/05/2020	06417GU22	4,400,000.00	A+	Aa2	6/5/2018	6/7/2018	4,398,328.00	3.10	9,787.56	4,398,788.99	4,412,865.60
WESTPAC BANKING CORP NY CD DTD 08/07/2017 2.050% 08/03/2020	96121T4A3	4,490,000.00	AA-	Aa3	8/3/2017	8/7/2017	4,490,000.00	2.05	36,818.00	4,490,000.00	4,429,097.64
BANK OF MONTREAL CHICAGO CERT DEPOS DTD 08/03/2018 3.190% 08/03/2020	06370REU9	4,450,000.00	A+	Aa2	8/1/2018	8/3/2018	4,450,000.00	3.23	59,542.24	4,450,000.00	4,444,815.75

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Certificate of Deposit											
SUMITOMO MITSUI BANK NY CERT DEPOS DTD 10/18/2018 3.390% 10/16/2020	86565BPC9	2,455,000.00	A	A1	10/16/2018	10/18/2018	2,451,661.20	3.46	16,876.08	2,451,990.78	2,471,932.14
SWEDBANK (NEW YORK) CERT DEPOS DTD 11/17/2017 2.270% 11/16/2020	87019U6D6	5,315,000.00	AA-	Aa2	11/16/2017	11/17/2017	5,315,000.00	2.30	15,416.45	5,315,000.00	5,214,216.97
Security Type Sub-Total		54,370,000.00					54,363,039.20	2.51	437,421.08	54,365,209.22	54,179,764.46
Asset-Backed Security / Collateralized Mortgage Obligation											
TOYOTA ABS 2016-A A3 DTD 03/02/2016 1.250% 03/15/2020	89237KAD5	375,688.39	AAA	Aaa	2/23/2016	3/2/2016	375,667.09	1.25	208.72	375,683.01	374,511.06
NISSAN ABS 2015-B A3 DTD 07/22/2015 1.340% 03/15/2020	65475WAD0	168,174.60	NR	Aaa	7/15/2015	7/22/2015	168,161.23	1.34	100.16	168,171.81	167,960.45
TOYOTA ABS 2016-C A3 DTD 08/10/2016 1.140% 08/15/2020	89237WAD9	360,832.87	AAA	Aaa	8/1/2016	8/10/2016	360,823.21	1.14	182.82	360,829.56	358,464.83
HYUNDAI ABS 2016-A A3 DTD 03/30/2016 1.560% 09/15/2020	44930UAD8	341,718.66	AAA	Aaa	3/22/2016	3/30/2016	341,652.36	1.57	236.92	341,696.75	340,433.01
NISSAN ABS 2016-B A3 DTD 04/27/2016 1.320% 01/15/2021	65478VAD9	338,990.94	NR	Aaa	4/18/2016	4/27/2016	338,938.36	1.33	198.87	338,971.27	336,281.18
TOYOTA ABS 2017-A A3 DTD 03/15/2017 1.730% 02/15/2021	89238MAD0	629,313.76	AAA	Aaa	3/7/2017	3/15/2017	629,239.69	1.74	483.87	629,272.71	624,829.58
JOHN DEERE ABS 2017-A A3 DTD 03/02/2017 1.780% 04/15/2021	47787XAC1	572,455.49	NR	Aaa	2/22/2017	3/2/2017	572,373.97	1.79	452.88	572,400.15	568,365.24
ALLY ABS 2017-1 A3 DTD 01/31/2017 1.700% 06/15/2021	02007PAC7	715,439.32	NR	Aaa	1/24/2017	1/31/2017	715,376.79	1.70	540.55	715,405.72	710,491.77
HONDA ABS 2017-1 A3 DTD 03/28/2017 1.720% 07/21/2021	43814TAC6	1,039,284.89	NR	Aaa	3/21/2017	3/28/2017	1,039,223.04	1.72	496.55	1,039,238.75	1,030,349.53
ALLY ABS 2017-2 A3 DTD 03/29/2017 1.780% 08/15/2021	02007HAC5	1,928,039.56	NR	Aaa	3/21/2017	3/29/2017	1,927,812.24	1.79	1,525.29	1,927,908.11	1,913,422.32

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Asset-Backed Security / Collateralized Mortgage Obligation											
HYUNDAI ABS 2017-A A3 DTD 03/29/2017 1.760% 08/15/2021	44931PAD8	1,185,000.00	AAA	NR	3/22/2017	3/29/2017	1,184,904.13	1.76	926.93	1,184,912.59	1,173,302.15
HONDA ABS 2017-2 A3 DTD 06/27/2017 1.680% 08/15/2021	43811BAC8	2,750,000.00	AAA	Aaa	6/20/2017	6/27/2017	2,749,762.13	1.68	2,053.33	2,749,845.97	2,721,565.28
JOHN DEERE ABS 2017-B A3 DTD 07/15/2017 1.820% 10/15/2021	47788BAD6	800,000.00	NR	Aaa	7/11/2017	7/18/2017	799,941.44	1.82	647.11	799,959.45	790,961.44
HAROT 2017-4 A3 DTD 11/29/2017 2.050% 11/21/2021	43813FAC7	1,480,000.00	NR	Aaa	11/22/2017	11/29/2017	1,479,791.47	2.06	842.78	1,479,846.30	1,465,352.88
TAOT 2017-D A3 DTD 11/15/2017 1.930% 01/15/2022	89238KAD4	1,650,000.00	AAA	Aaa	11/7/2017	11/15/2017	1,649,847.87	2.26	1,415.33	1,649,887.83	1,627,011.21
HYUNDAI ABS 2017-B A3 DTD 08/16/2017 1.770% 01/15/2022	44932GAD7	2,095,000.00	AAA	Aaa	8/9/2017	8/16/2017	2,094,636.94	1.78	1,648.07	2,094,746.80	2,067,009.33
ALLYA 2017-5 A3 DTD 11/22/2017 1.990% 03/15/2022	02007YAC8	2,060,000.00	AAA	Aaa	11/14/2017	11/22/2017	2,059,840.14	1.99	1,821.96	2,059,879.86	2,039,491.05
HART 2018-A A3 DTD 04/18/2018 2.790% 07/15/2022	44891KAD7	850,000.00	AAA	Aaa	4/10/2018	4/18/2018	849,871.99	2.80	1,054.00	849,892.41	849,319.83
Security Type Sub-Total		19,339,938.48					19,337,864.09	1.85	14,836.14	19,338,549.05	19,159,122.14
Managed Account Sub Total		247,099,849.91					246,246,907.56	2.22	1,431,717.13	246,352,793.14	244,210,637.83
Securities Sub-Total		\$247,099,849.91					\$246,246,907.56	2.22%	\$1,431,717.13	\$246,352,793.14	\$244,210,637.83
Accrued Interest											\$1,431,717.13
Total Investments											\$245,642,354.96

Bolded items are forward settling trades.

IMPORTANT DISCLOSURES

This material is based on information obtained from sources generally believed to be reliable and available to the public; however, PFM Asset Management LLC cannot guarantee its accuracy, completeness or suitability. This material is for general information purposes only and is not intended to provide specific advice or a specific recommendation. All statements as to what will or may happen under certain circumstances are based on assumptions, some, but not all of which, are noted in the presentation. Assumptions may or may not be proven correct as actual events occur, and results may depend on events outside of your or our control. Changes in assumptions may have a material effect on results. Past performance does not necessarily reflect and is not a guaranty of future results. The information contained in this presentation is not an offer to purchase or sell any securities.

- Market values that include accrued interest 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 generally recognized sources, the securities are priced using a yield based matrix system to arrive at an estimated market value.
- In accordance with generally accepted accounting principles, information is presented on a trade date basis; forward settling purchases are included in the monthly balances, and forward settling sales are excluded.
- Performance is presented in accordance with the CFA Institute's Global Investment Performance Standards (GIPS). Unless otherwise noted, performance is shown gross of fees. Quarterly returns are presented on an unannualized basis. Returns for periods greater than one year are presented on an annualized basis. Past performance is not indicative of future returns.
- Bank of America/Merrill Lynch Indices provided by Bloomberg Financial Markets.
- Money market fund/cash balances are included in performance and duration computations.
- Standard & Poor's is the source of the credit ratings. Distribution of credit rating is exclusive of money market fund/LGIP holdings.
- Callable securities in the portfolio are included in the maturity distribution analysis to their stated maturity date, although, they may be called prior to maturity.
- MBS maturities are represented by expected average life.

GLOSSARY

- **ACCRUED INTEREST:** Interest that is due on a bond or other fixed income security since the last interest payment was made.
- **AGENCIES:** Federal agency securities and/or Government-sponsored enterprises.
- **AMORTIZED COST:** The original cost of the principal of the security is adjusted for the amount of the periodic reduction of any discount or premium from the purchase date until the date of the report. Discount or premium with respect to short-term securities (those with less than one year to maturity at time of issuance) is amortized on a straight line basis. Such discount or premium with respect to longer-term securities is amortized using the constant yield basis.
- **BANKERS' ACCEPTANCE:** A draft or bill of exchange accepted by a bank or trust company. The accepting institution guarantees payment of the bill as well as the insurer.
- **COMMERCIAL PAPER:** An unsecured obligation issued by a corporation or bank to finance its short-term credit needs, such as accounts receivable and inventory.
- **CONTRIBUTION TO DURATION:** Represents each sector or maturity range's relative contribution to the overall duration of the portfolio measured as a percentage weighting. Since duration is a key measure of interest rate sensitivity, the contribution to duration measures the relative amount or contribution of that sector or maturity range to the total rate sensitivity of the portfolio.
- **DURATION TO WORST:** A measure of the sensitivity of a security's price to a change in interest rates, stated in years, computed from cash flows to the maturity date or to the put date, whichever results in the highest yield to the investor.
- **EFFECTIVE DURATION:** A measure of the sensitivity of a security's price to a change in interest rates, stated in years.
- **EFFECTIVE YIELD:** The total yield an investor receives in relation to the nominal yield or coupon of a bond. Effective yield takes into account the power of compounding on investment returns, while nominal yield does not.
- **FDIC:** Federal Deposit Insurance Corporation. A federal agency that insures bank deposits to a specified amount.
- **INTEREST RATE:** Interest per year divided by principal amount and expressed as a percentage.
- **MARKET VALUE:** The value that would be received or paid for an investment in an orderly transaction between market participants at the measurement date.
- **MATURITY:** The date upon which the principal or stated value of an investment becomes due and payable.
- **NEGOTIABLE CERTIFICATES OF DEPOSIT:** A CD with a very large denomination, usually \$1 million or more, that can be traded in secondary markets.
- **PAR VALUE:** The nominal dollar face amount of a security.

GLOSSARY

- **PASS THROUGH SECURITY:** A security representing pooled debt obligations that passes income from debtors to its shareholders. The most common type is the mortgage-backed security.
- **REPURCHASE AGREEMENTS:** A holder of securities sells these securities to an investor with an agreement to repurchase them at a fixed price on a fixed date.
- **SETTLE DATE:** The date on which the transaction is settled and monies/securities are exchanged. If the settle date of the transaction (i.e., coupon payments and maturity proceeds) occurs on a non-business day, the funds are exchanged on the next business day.
- **TRADE DATE:** The date on which the transaction occurred; however, the final consummation of the security transaction and payment has not yet taken place.
- **UNSETTLED TRADE:** A trade which has been executed; however, the final consummation of the security transaction and payment has not yet taken place.
- **U.S. TREASURY:** The department of the U.S. government that issues Treasury securities.
- **YIELD:** The rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.
- **YTM AT COST:** The yield to maturity at cost is the expected rate of return based on the original cost, the annual interest receipts, maturity value, and the time period from purchase date to maturity, stated as a percentage on an annualized basis.
- **YTM AT MARKET:** The yield to maturity at market is the rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.



Managed Account Detail of Securities Held

For the Month Ending **December 31, 2018**

YOLO COUNTY - CERES ENDOWMENT ACCOUNT - 97425100

Security Type/Description	Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Municipal Bond / Note												
WI ST T/E GO BONDS DTD 11/07/2013 5.000% 05/01/2019		97705L3P0	425,000.00	AA	Aa1	10/11/13	11/07/13	497,398.75	1.73	3,541.67	429,592.39	429,522.00
WA ST T/E GO BONDS DTD 02/05/2013 5.000% 07/01/2019		93974C7X2	400,000.00	AA+	Aa1	01/24/13	02/05/13	495,668.00	1.12	10,000.00	407,716.06	406,412.00
NASSAU CNTY INT FIN AUTH, NY T/E REV BND DTD 10/11/2012 5.000% 11/15/2019		631663NV9	250,000.00	AAA	NR	10/04/12	10/11/12	315,000.00	1.17	1,597.22	258,281.54	257,062.50
MINNEAPOLIS, MN T/E GO BONDS DTD 10/30/2012 2.000% 12/01/2019		60374Y3D7	425,000.00	AAA	Aa1	09/26/12	10/30/12	446,547.50	1.25	708.33	427,894.79	425,952.00
MS ST T/E GO BONDS DTD 10/30/2012 4.000% 12/01/2020		605581CP0	400,000.00	AA	Aa2	10/17/12	10/30/12	476,212.00	1.49	1,333.33	418,897.03	415,992.00
NYC, NY T/E GO BONDS DTD 10/23/2012 4.000% 08/01/2021		64966J2V7	400,000.00	AA	Aa2	10/04/12	10/23/12	465,812.00	1.95	6,666.67	420,552.53	421,028.00
ROCKLIN SCH DIST, CA T/E GO BONDS DTD 08/07/2003 0.000% 08/01/2021		773754FO4	480,000.00	AA-	Aa2	07/23/03	08/07/03	184,761.60	5.38	0.00	418,484.21	456,345.60
GA ST T/E GO BONDS DTD 01/08/2013 5.000% 10/01/2021		373384ZW9	280,000.00	AAA	Aaa	06/28/13	07/03/13	338,573.20	2.21	3,500.00	300,726.79	303,802.80
OR DEPT ADMIN LOTTERY T/E REV BONDS DTD 04/16/2013 4.000% 04/01/2022		68607VC37	400,000.00	AAA	Aa2	04/04/13	04/16/13	469,608.00	1.88	4,000.00	426,605.90	426,300.00
TN ST T/E GO BONDS DTD 03/15/2012 5.000% 08/01/2022		880541SP3	400,000.00	AAA	Aaa	06/27/13	07/02/13	484,392.00	2.40	8,333.33	435,500.33	443,420.00
SHASTA SCH DIST, CA T/E GO BONDS DTD 05/21/2003 0.000% 08/01/2024		820174EJ5	930,000.00	AA-	Baa2	05/21/03	05/27/03	326,113.80	5.01	0.00	705,498.73	810,095.10
Security Type Sub-Total			4,790,000.00					4,500,086.85	2.61	39,680.55	4,649,750.30	4,795,932.00
Money Market Mutual Fund												
MONEY MARKET FUND		IA0005669	4,007,021.38	AAAm	NR	12/04/18	12/04/18	4,007,021.38	0.00	0.00	4,007,021.38	4,007,021.38
Security Type Sub-Total			4,007,021.38					4,007,021.38		0.00	4,007,021.38	4,007,021.38



Managed Account Detail of Securities Held

For the Month Ending **December 31, 2018**

YOLO COUNTY - CERES ENDOWMENT ACCOUNT - 97425100

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Managed Account Sub-Total		8,797,021.38					8,507,108.23	1.42	39,680.55	8,656,771.68	8,802,953.38
Securities Sub-Total		\$8,797,021.38					\$8,507,108.23	2.61%	\$39,680.55	\$8,656,771.68	\$8,802,953.38
Accrued Interest											\$39,680.55
Total Investments											\$8,842,633.93



Managed Account Detail of Securities Held

For the Month Ending **December 31, 2018**

YOLO COUNTY - DEMETER ENDOWMENT FUND - 97425400

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U55Treasury Bond / Note											
US TREASURY NOTES DTD 12/31/2012 1.125% 12/31/2019	912828UF5	875,000.00	AA+	Aaa	08/01/16	08/04/16	882,929.69	0.85	27.19	877,346.83	862,113.88
US TREASURY NOTES DTD 06/01/2015 1.500% 05/31/2020	912828XE5	475,000.00	AA+	Aaa	08/23/16	08/26/16	483,683.59	1.00	626.37	478,298.00	468,023.20
Security Type Sub-Total		1,350,000.00					1,377,713.28	0.91	7.357	1,355,744.83	1,330,136.98
Federal Agency Mortgage-Backed Security											
FNMA POOL #AC1637 DTD 08/01/2009 5.000% 09/01/2039	31417KZB6	111,246.89	AA+	Aaa	12/15/14	12/18/14	123,762.14	3.92	463.53	123,561.81	118,048.39
FNMA POOL #AU6744 DTD 10/01/2013 4.000% 10/01/2043	3138X6P66	286,747.39	AA+	Aaa	11/21/13	11/26/13	300,188.65	3.60	955.82	298,423.73	294,257.52
FHLMC POOL #G08551 DTD 10/01/2013 4.000% 10/01/2043	3128MJTH3	290,688.28	AA+	Aaa	11/21/13	11/26/13	303,360.46	3.64	968.96	301,741.46	297,661.99
Security Type Sub-Total		788,782.57					626,311.25	3.56	2,388.31	623,626.00	609,976.90
Federal Agency Bond / Note											
FANNIE MAE NOTES DTD 11/01/2018 2.875% 10/30/2020	3135G0U84	195,000.00	AA+	Aaa	11/13/18	11/14/18	194,721.15	2.95	934.38	194,739.58	196,069.77
FEDERAL HOME LOAN BANKS NOTES DTD 10/12/2018 3.000% 10/12/2021	3130AF5B9	195,000.00	AA+	Aaa	11/13/18	11/14/18	194,935.65	3.01	1,283.75	194,939.30	197,487.42
FANNIE MAE NOTES DTD 09/14/2018 2.875% 09/12/2023	3135G0U43	200,000.00	AA+	Aaa	11/13/18	11/14/18	197,734.00	3.13	1,709.03	197,792.85	202,354.80
Security Type Sub-Total		590,000.00					586,390.80	3.03	3,926.17	596,471.73	595,911.99
Corporate Note											
BANK OF AMERICA CORP NOTE DTD 04/01/2014 2.650% 04/01/2019	06051GFD6	100,000.00	A-	A3	07/21/16	07/26/16	102,438.00	1.72	662.50	100,231.76	99,895.30



Managed Account Detail of Securities Held

For the Month Ending **December 31, 2018**

YOLO COUNTY - DEMETER ENDOWMENT FUND - 97425400

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate Note											
CISCO SYSTEMS INC CORP NOTES DTD 06/17/2015 2.450% 06/15/2020	17275RAX0	100,000.00	AA-	A1	07/21/16	07/26/16	104,258.00	1.32	108.89	101,620.56	99,469.30
BONY MELLON CORP NOTE (CALLABLE) DTD 11/27/2015 2.450% 11/27/2020	06406HDF3	100,000.00	A	A1	08/16/16	08/19/16	102,974.00	1.72	231.39	101,320.60	98,836.70
JP MORGAN CHASE & CO CORP NT (CALLABLE) DTD 03/01/2016 2.550% 03/01/2021	46625HJ2	100,000.00	A-	A2	08/16/16	08/19/16	102,151.00	2.05	850.00	101,031.64	98,590.00
WELLS FARGO CORP NOTES DTD 03/04/2016 2.500% 03/04/2021	949746RS2	100,000.00	A-	A2	08/16/16	08/19/16	102,572.00	1.91	812.50	101,259.31	98,357.30
AMERICAN EXPRESS CREDIT (CALLABLE) NOTES DTD 05/05/2016 2.250% 05/05/2021	0258M0EB1	100,000.00	A-	A2	08/16/16	08/19/16	101,742.00	1.86	350.00	100,870.01	97,857.30
BLACKROCK INC CORP NOTES DTD 05/25/2012 3.375% 06/01/2022	09247XAJ0	100,000.00	AA-	Aa3	11/13/18	11/15/18	99,982.00	3.38	281.25	99,983.72	100,745.50
WAL-MART STORES INC CORP (CALLABLE) NOTE DTD 10/20/2017 2.350% 12/15/2022	931142DU4	100,000.00	AA	Aa2	11/13/18	11/15/18	95,982.00	3.41	104.44	96,101.16	97,410.90
TOYOTA MOTOR CREDIT CORP CORP NOTES DTD 09/20/2018 3.450% 09/20/2023	89236TFN0	100,000.00	AA-	Aa3	11/13/18	11/15/18	99,080.00	3.66	967.92	99,103.46	100,166.80
AMERICAN HONDA FINANCE CORP NOTES DTD 10/10/2018 3.625% 10/10/2023	02665WCO2	100,000.00	A+	A2	11/13/18	11/15/18	99,864.00	3.66	815.63	99,868.02	100,708.70
Security Type Sub-Total		1,000,000.00					1,011,043.90	2.516	1,184.52	1,001,390.54	992,036.80
Managed Account Sub-Total		3,728,782.57					3,792,383.83	2.522	12,135.1	3,778,233.80	3,728,045.6
Securities Sub-Total		\$3,728,782.57					\$3,792,383.83	2.522%	\$12,135.1	\$3,778,233.80	\$3,728,045.6
Accrued Interest											\$12,135.1
Total Investments											\$3,740,208.92



Managed Account Detail of Securities Held

For the Month Ending **December 31, 2018**

YOLO COUNTY LANDFILL CLOSURE TRUST FUND - 97420120

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
TSY INFL IX N/B DTD 01/31/2014 0.625% 01/15/2024	912828B25	2,275,000.00	AA+	Aaa	01/17/17	01/18/17	2,532,107.32	0.22	7,118.49	2,515,858.70	2,426,967.67
UNITED STATES TREASURY INFL IX BONDS DTD 07/31/2015 0.375% 07/15/2025	912828XL9	2,139,000.00	AA+	Aaa	04/27/17	04/27/17	2,292,526.57	0.31	3,951.22	2,290,483.66	2,198,829.69
Security Type Sub-Total		4,414,000.00					4,824,633.89	0.26	11,069.71	4,806,342.36	4,625,797.36
Federal Agency Bond / Note											
FNMA BENCHMARK NOTES DTD 04/27/2015 1.500% 06/22/2020	3135G0D75	4,070,000.00	AA+	Aaa	09/28/15	09/28/15	4,063,325.20	1.54	1,526.25	4,067,877.33	4,010,459.97
FANNIE MAE NOTES DTD 01/09/2017 2.000% 01/05/2022	3135G0S38	2,420,000.00	AA+	Aaa	01/17/17	01/18/17	2,423,678.40	1.97	23,662.22	2,422,275.70	2,384,191.26
FANNIE MAE NOTES DTD 04/10/2017 1.875% 04/05/2022	3135G0T45	2,215,000.00	AA+	Aaa	04/27/17	04/27/17	2,209,528.95	1.93	9,921.35	2,211,334.24	2,170,423.13
FANNIE MAE AGENCY NOTES DTD 10/06/2017 2.000% 10/05/2022	3135G0T78	1,765,000.00	AA+	Aaa	12/08/17	12/12/17	1,747,579.45	2.22	8,432.78	1,751,252.72	1,731,634.44
Security Type Sub-Total		10,470,000.00					10,444,112.00	1.83	43,542.60	10,452,739.99	10,296,708.80
Corporate Note											
JP MORGAN CHASE & CO CORP NOTE DTD 10/22/2014 2.200% 10/22/2019	48127HAA7	175,000.00	A-	A2	12/08/17	12/12/17	175,239.75	2.12	737.92	175,106.10	173,532.10
AMERICAN EXPRESS CO CORP (CALLABLE) NOTE DTD 10/30/2017 2.200% 10/30/2020	025816BP3	175,000.00	BBB+	A3	12/08/17	12/12/17	173,888.75	2.43	652.36	174,287.15	171,841.78
GOLDMAN SACHS GRP INC CORP NT (CALLABLE) DTD 03/27/2017 2.600% 12/27/2020	38141GWG5	175,000.00	BBB+	A3	12/08/17	12/12/17	175,460.25	2.51	50.56	175,226.31	171,724.00
BANK OF NEW YORK MELLON CORP (CALLABLE) DTD 02/19/2016 2.500% 04/15/2021	06406FAA1	260,000.00	A	A1	01/03/18	01/05/18	260,824.20	2.40	1,372.22	260,579.69	256,798.36



Managed Account Detail of Securities Held

For the Month Ending **December 31, 2018**

YOLO COUNTY LANDFILL CLOSURE TRUST FUND - 97420120

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate Note											
AMERICAN HONDA FINANCE CORP NOTES DTD 09/09/2016 1.700% 09/09/2021	02665WBG5	175,000.00	A+	A2	12/08/17	12/12/17	170,731.75	2.38	925.56	171,897.04	168,238.00
MORGAN STANLEY BONDS DTD 11/17/2016 2.625% 11/17/2021	61746BED4	175,000.00	BBB+	A3	12/08/17	12/12/17	174,504.75	2.70	561.46	174,633.76	170,804.73
CITIGROUP INC DTD 11/01/2011 4.500% 01/14/2022	172967FT3	165,000.00	BBB+	Baa1	12/08/17	12/12/17	176,223.30	2.73	3,444.38	173,453.63	168,586.11
HOME DEPOT INC CORP (CALLABLE) NOTES DTD 06/02/2015 2.625% 06/01/2022	437076BG6	175,000.00	A	A2	12/08/17	12/12/17	176,566.25	2.41	382.81	176,206.08	173,164.95
TOYOTA MOTOR CREDIT CORP DTD 09/08/2017 2.150% 09/08/2022	89236TEC5	350,000.00	AA-	Aa3	12/11/17	12/13/17	344,554.00	2.50	2,362.01	345,712.11	335,200.60
APPLE INC CORP (CALLABLE) NOTES DTD 09/12/2017 2.100% 09/12/2022	037833DC1	355,000.00	AA+	Aa1	12/08/17	12/12/17	348,592.25	2.51	2,257.21	349,953.36	343,027.27
Security Type Sub-Total		2,180,000.00					2,176,585.25	2.47	12,746.49	2,177,055.23	2,132,917.90
Managed Account Sub-Total		17,064,000.00					17,445,331.14	1.49	67,358.80	17,436,137.58	17,055,424.06
Securities Sub-Total		\$17,064,000.00					\$17,445,331.14	1.49%	\$67,358.80	\$17,436,137.58	\$17,055,424.06
Accrued Interest											\$67,358.80
Total Investments											\$17,122,782.86

Yolo County Treasurer Cash Balances of Major Funds Three Year Trend to Dec 2018

