

BOARD OF SUPERVISORS
Yolo County, California

To: DFS ✓

CONSENT CALENDAR

Excerpt of Minute Order No. 18-182, Item No. 11, of the Board of Supervisors' meeting of October 23, 2018.

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

11.

Receive and file the County Treasurer's Investment Report for the quarter ended September 30, 2018. (No general fund impact) (Newens)

Approved recommended action on Consent.



County of Yolo

www.yolocounty.org

To: Supervisor Oscar Villegas, Chair
and Members of the Board of Supervisors

Consent-General Government # 11.

Board of Supervisors

Financial Services

Meeting Date: 10/23/2018

Brief Title: 3rd Quarter Treasurer's Report on Investments

From: Howard Newens, 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 September 30, 2018. (No general fund impact) (Newens)

Recommended Action

Receive and file the Yolo County Treasurer's Report on Investments for the quarter ended September 30, 2018.

Strategic Plan Goal(s)

Operational Excellence

Reason for Recommended Action/Background

INVESTMENT PORTFOLIO

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 \$359.9 million as of September 30, 2018. The portfolio consisted of 7.3% (\$26.3 million) in cash at bank, 24.0% (\$86.4 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 68.7% (\$247.2 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 \$78.9 million consist of specific investments for various entities and programs. These include \$20.1 million in government medium-term funds (LAIF and CAMP) for various districts, \$44.2 million in investments managed by PFM for various county programs (Landfill Closure, Lease Revenue Bonds, etc.), \$13.6 million in section 115 trusts held by PARS for County OPEB and pension purposes, and \$1 million in cash in bank. The Non-pooled investment holdings are shown in Attachment C (Non-pooled Holdings).

In their quarterly investment review for the 3rd quarter of calendar year 2018, PFM believes the current strength of the U.S. economy, coupled with a strong labor market and rising inflation, will cause the Fed to continue raising rates at a pace of about ¼ percent hike per quarter well into 2019. Therefore, they plan to maintain a defensive duration posture to mitigate a portion of interest rate risk relative to the benchmark.

CASH BALANCES

Attachment D (Case Balances) depicts the cash balances of the three major operation funds of the County, and their combined balance. On September 30, 2018, this unaudited balance was \$38.67 million, which increased \$1.4 million from the prior quarter due to normal operating revenues and expenditures.

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
Howard Newens	Howard Newens	10/16/2018 11:54 AM
Constance Robledo	Constance Robledo	10/16/2018 12:41 PM
Financial Services	Becky Porter	10/16/2018 01:53 PM
County Counsel	Hope Welton	10/16/2018 03:48 PM

Form Started By: Edward Burnham
Final Approval Date: 10/16/2018

Started On: 10/09/2018 02:40 PM

COUNTY OF YOLO
Treasury Pooled Portfolio
Investment Summary
For the Three Months Ended September 30, 2018

	September 30, 2018	August 31, 2018	July 31, 2018
<u>GOVERNMENT INVESTMENT POOLS</u>			
Local Agency Investment Fund (LAIF) Accounts:			
County Pooled Account	\$ 16,885,333	\$ 16,885,333	\$ 16,885,333
Total Held in LAIF	<u>16,885,333</u>	<u>16,885,333</u>	<u>16,885,333</u>
California Asset Management Program (CAMP):			
County Pooled Account	69,557,872	65,662,328	62,550,431
Total Held in CAMP	<u>69,557,872</u>	<u>65,662,328</u>	<u>62,550,431</u>
Total Government Investment Pools	<u>86,443,205</u>	<u>82,547,660</u>	<u>79,435,764</u>
<u>INVESTMENTS MANAGED BY PFM (NOTE 2)</u>			
County Pooled Account at Market Value	246,244,123	247,949,775	248,680,509
Accrued Interest	983,319	1,310,750	1,268,475
Total Managed by PFM	<u>247,227,442</u>	<u>249,260,524</u>	<u>249,948,985</u>
<u>CASH IN BANKS</u>			
River City Bank - County Pool MMA	15,420,304	15,395,387	15,370,767
Bank of America - County Pool Checking Account	6,549,074	3,092,444	4,514,103
US BANK - County Pool Checking Account	4,298,907	5,513,694	8,394,757
Total Cash in Banks	<u>26,268,285</u>	<u>24,001,525</u>	<u>28,279,627</u>
<u>CASH IN TREASURY</u>	39,131	119,643	19,481
Total Pooled Portfolio	<u>\$ 359,978,062</u>	<u>\$ 355,929,353</u>	<u>\$ 357,683,857</u>

NOTES:

- 1 The interest apportioned on an amortized cost basis for the quarter net of Treasury fees ended June 30, 2018 was an quarterly rate of 0.3837% which is an annualized rate of 1.5348%. The interest apportionment for the quarter ended September 30, 2018 will be completed and distributed in October 2018.
- 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 September 30, 2018

	September 30, 2018	August 31, 2018	July 31, 2018
<u>GOVERNMENT INVESTMENT POOLS</u>			
Local Agency Investment Fund (LAIF) Accounts:			
Yolo County Public Agency Risk Management Insurance Authority	\$ 4,836,117	\$ 3,036,117	\$ 3,036,117
Sacramento-Yolo Mosquito & Vector Control District	12,351,955	12,351,955	12,351,955
Washington JUSD - Scholarship	41,279	41,279	41,279
Davis JUSD CFD #1	31,258	31,258	31,258
Davis JUSD CFD #2	2,741,763	2,741,763	2,741,763
Total Held in LAIF	20,002,371	18,202,371	18,202,371
California Asset Management Program (CAMP):			
Willowbank Water	93,745	93,580	93,412
Total Held in CAMP	93,745	93,580	93,412
Total Government Investment Pools	20,096,116	18,295,952	18,295,783
<u>INVESTMENTS MANAGED BY PFM (NOTE 1)</u>			
Landfill Closure Trust Fund	16,917,277	17,004,759	16,931,421
Cache Creek	1,667,255	1,672,118	1,666,312
Demeter Fund	2,648,153	2,668,303	2,673,777
Ceres Endowment Account (NOTE 3)	8,663,716	8,695,034	8,707,430
2017A Lease Revenue Bonds	14,194,731	14,144,170	16,613,066
Reported by PFM at Market Value	44,091,132	44,184,385	46,592,006
Accrued Interest - Landfill Closure Trust Fund	84,360	71,424	49,444
Accrued Interest - Cache Creek	3,322	4,036	10,345
Accrued Interest - Demeter Fund	11,576	11,516	8,882
Accrued Interest - Ceres Endowment Account (NOTE 3)	47,743	35,722	41,701
Accrued Interest - 2017A Lease Revenue Bonds	24,943	25,618	29,724
Total Managed by PFM	44,263,076	44,332,701	46,732,103
<u>INVESTMENTS MANAGED BY PARS (NOTE 2)</u>			
PARS OPEB TRUST Account	12,844,212	12,858,830	11,628,976
PARS PENSION TRUST Account	807,033	809,047	801,141
Total Managed by PARS	13,651,245	13,667,878	12,430,117
<u>CASH IN BANKS</u>			
Bank of New York Mellon - Demeter MMA	971,611	954,087	939,411
Total Cash in Banks	971,611	954,087	939,411
Total Non-Pooled Portfolio	\$ 78,982,049	\$ 77,250,617	\$ 78,397,414

NOTES:

- 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.
- 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.
- 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 September 30, 2018

Client Management Team

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

50 California Street, Suite 2300
San Francisco, CA 94111
415-982-5544

PFM Asset Management LLC

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

Market Update

Treasury Yields Continue to Rise

- The third quarter marked the tenth straight quarterly rise in the 2-year yield as the U.S. economy remained strong and the Federal Reserve continued quantitative tightening, raising the federal funds target rate by 25 basis points for the third time this year at its September meeting.
- The 2-year Treasury increased by 29 basis points to 2.82% in the third quarter.

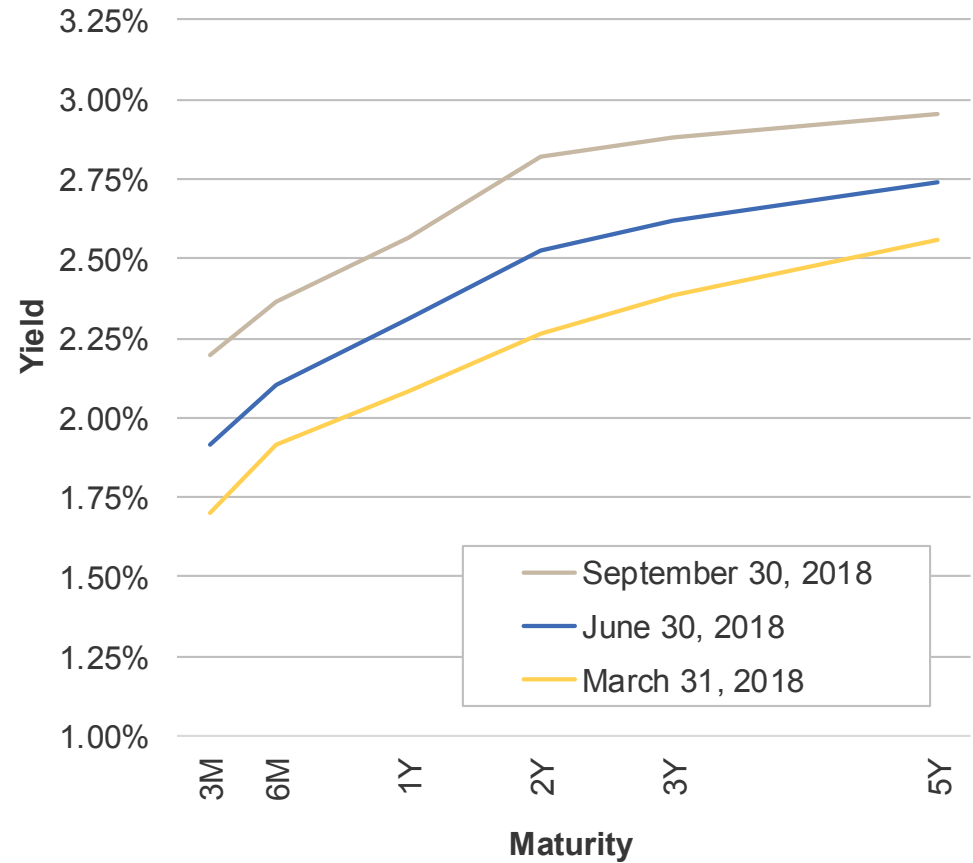
2-Year U.S. Treasury



Source: Bloomberg, as of 9/30/2018.

U.S. Treasury Curve

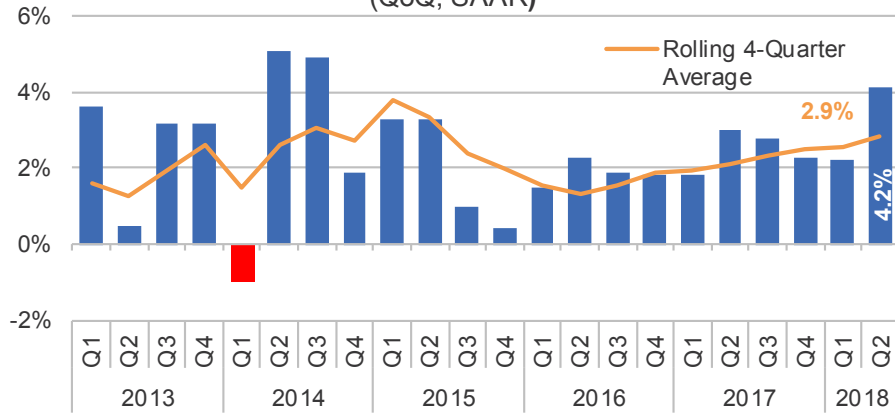
	3Q2018 9/30/18	2Q2018 6/30/18	1Q2018 3/31/18
3 month	2.20%	1.91%	1.70%
6 month	2.36%	2.10%	1.91%
1 year	2.56%	2.31%	2.08%
2 year	2.82%	2.53%	2.27%
3 year	2.88%	2.62%	2.38%
5 year	2.95%	2.74%	2.56%



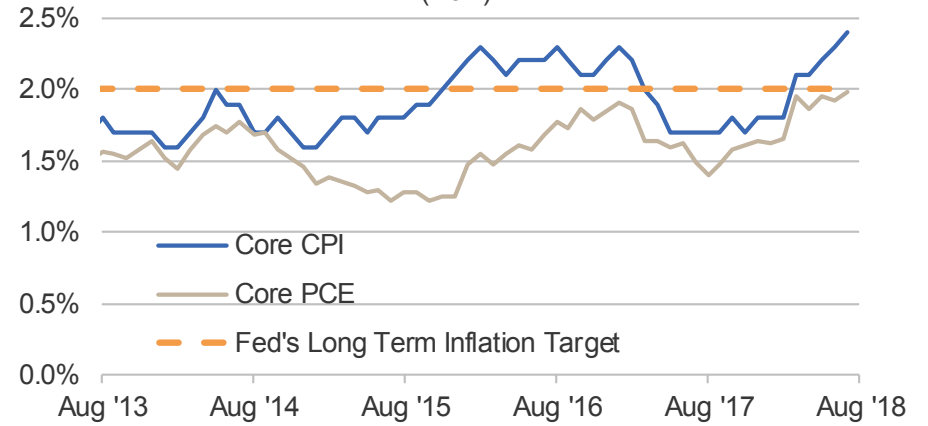
Source: Bloomberg, as of 9/30/2018.

Economic Summary

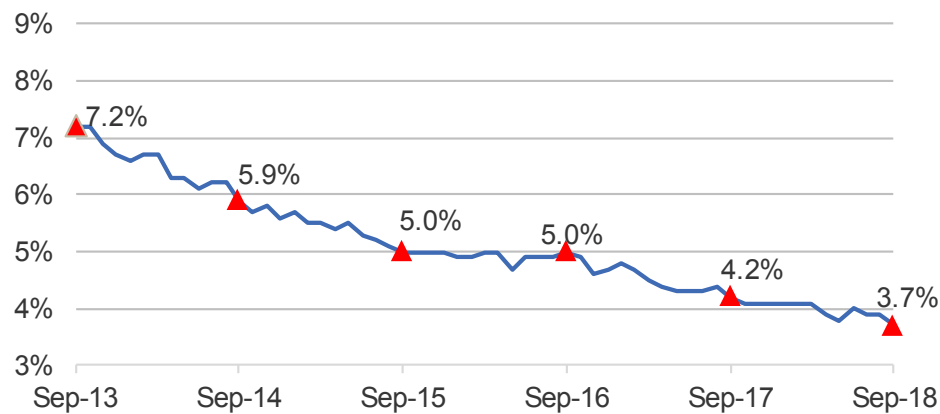
U.S. Real GDP
(QoQ, SAAR)



Inflation Measures
(YoY)



Unemployment Rate



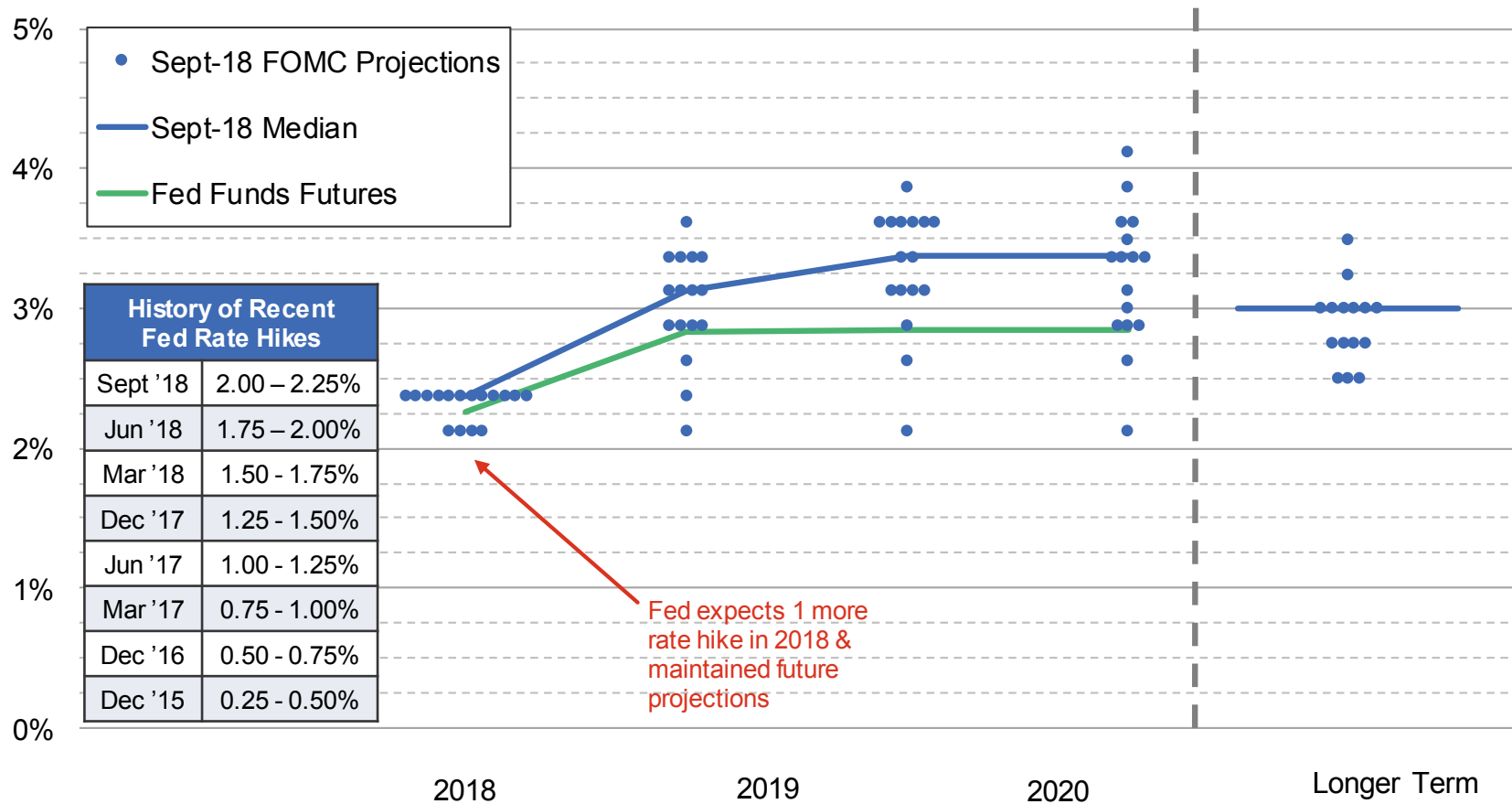
Consumer Confidence



Source: Bloomberg, data available as of 9/30/18. SAAR is seasonally adjusted annualized rate.

FOMC "Dot Plot" – A Third 2018 Rate Hike in September

Fed Participants' Assessments of 'Appropriate' Monetary Policy
September 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 9/26/18.

Investment Performance Review

Portfolio Recap

- After a weaker second quarter, strong economic fundamentals gave investors confidence in corporate and other non-government sectors. Most investment-grade sectors contributed positive excess returns (returns in excess of similar-duration Treasuries) to fixed-income portfolios for the third quarter.
- Our strategy continued to favor broad diversification generally including the widest range of permitted investments.
 - As has been the case for some time, federal agency yield spreads remained extremely narrow throughout the quarter. The very flat yield curve also creates better return prospects for callable agencies, a sector we had previously been avoiding.
 - We continued to find value in supranationals, despite a decline in issuance causing yield spreads to narrow. The narrowing of spreads resulted in strong performance for the sector.
 - In the corporate sector, strong economic tailwinds created a favorable investment landscape. Strong investor demand amid pro-credit conditions caused yield spreads to narrow and re-approach post-recession tights. Throughout the quarter, we were a bit more cautious, generally maintaining corporate allocations. Corporate returns dominated their government counterparts, adding significant value to the portfolio in the third quarter.
 - The asset-backed security (ABS) sector remained a high-quality diversifier to corporate allocations, providing incremental income, with a high degree of downside protection given the sector's strong structural protections and AAA ratings. During the third quarter, the sector provided attractive excess returns.
 - Although yield spreads between Treasuries and commercial paper and negotiable CDs narrowed during the quarter, short-term credit instruments continued to offer value and we made additional purchases during the quarter.

Investment Outlook and Strategy

- ◆ We believe the current strength of the U.S. economy, coupled with a strong labor market and rising inflation, will cause the Fed to continue raising rates at a pace of about one ¼ percent hike per quarter well into 2019. Therefore, we plan to maintain a defensive duration posture to mitigate a portion of interest rate risk relative to the benchmark. While diversification away from U.S. Treasury securities has added significant value over the last several quarters, very narrow spreads across most investment-grade sectors give us reason to turn a bit more cautious.
- ◆ Our outlook for each of the major investment-grade fixed-income sectors are as follows:
 - Federal agency securities remain expensive, as most maturities offer less than five basis points of incremental yield relative to U.S. Treasuries. We will continue to reduce agency exposure where spreads are tight, seeking better relative value in other sectors. As an alternative, we may selectively add callable agency issues because we view them as providing better value in today's market in addition to favorable diversification and income benefits.
 - Issuance in the supranational sector is very light, and spreads have narrowed sharply. We will likely wait until the first quarter of next year, when seasonal issuance typical surges (as these multinational corporations begin preparing for new fiscal year funding initiatives), to aggressively increase allocations at what we expect will be much wider spreads.
 - Corporate sector earnings remain solid, fundamentals are stable, and the domestic backdrop is strong, all of which support credit spreads. However, increased balance sheet leverage, headwinds from tariffs, merger and acquisition uncertainty, and higher short-term yields may be headwinds for future performance. In conjunction with tight spreads, we plan to be more selective and defensive with corporate positioning. Our preference continues to favor financials and select industrial issuers with stronger balance sheets and fair valuations, which we think can better withstand the current phase of the credit cycle.
 - In conjunction with our slightly defensive credit posture, asset-backed securities (ABS) offer attractive incremental income compared to government security alternatives. Further, where allocations to the corporate sector are trimmed, we may seek to reinvest a portion of those assets in AAA-rated ABS.
- ◆ Short-term money market investors continue to reap the rewards of current monetary policy tightening. In addition, increased projections for U.S. Treasury debt issuance over the next several quarters may continue to pressure short-term yields higher in both the government and short-term credit spaces.

Investment Outlook and Strategy

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

Security Type	Market Value as of 9/30/18	% of Portfolio	% Change vs. 6/30/18	Permitted by Policy	In Compliance
U.S. Treasury	\$47,640,609	13.5%	+3.5%	100%	✓
Federal Agency	\$15,086,645	4.3%	-0.5%	100%	✓
Federal Agency CMOs	\$5,693,875	1.6%	-0.2%	100%	✓
Supranationals	\$30,308,937	8.6%	+2.3%	30%	✓
Negotiable CDs	\$56,711,918	16.1%	+2.7%	30%	✓
Corporate Notes	\$60,536,565	17.2%	+1.8%	30%	✓
Commercial Paper	\$9,384,275	2.7%	+0.5%	40%	✓
Asset-Backed Securities	\$20,881,299	5.9%	+0.7%	20%	✓
Securities Sub-Total	\$246,244,123	69.8%			
Accrued Interest	\$983,319				
Securities Total	\$247,227,442				
CAMP	\$69,557,872	19.7%	-12.8%	100%	✓
LAIF - Total	\$36,887,704	10.5%	+2.2%	\$65 million per account	✓
Total Investments	\$353,673,018	100.0%			

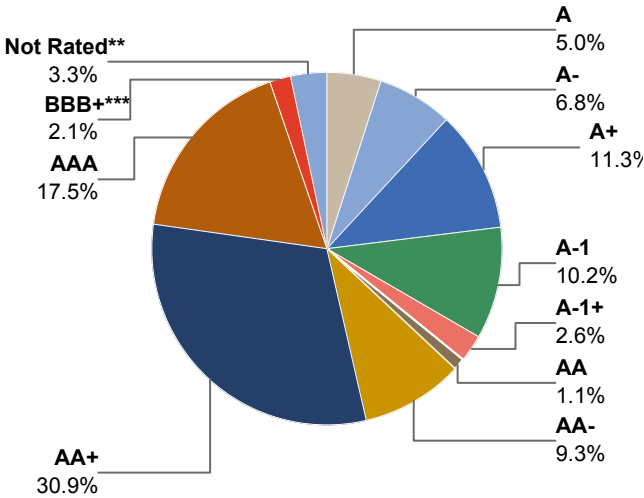
Current Investment Policy as presented in June 30, 2017 CAFR
LAIF balances provided by the County

Portfolio Statistics

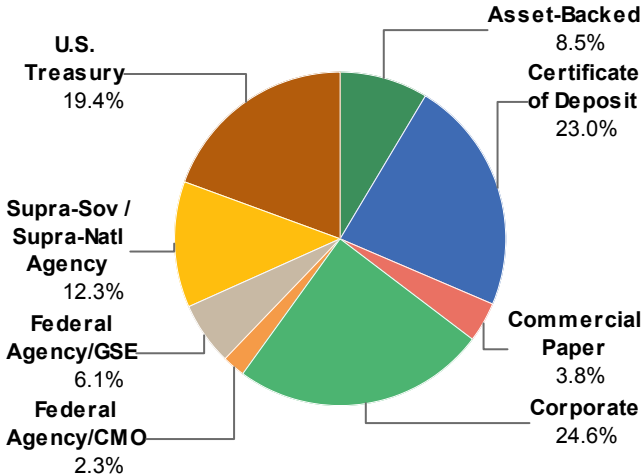
As of September 30, 2018

Par Value:	\$250,617,151
Total Market Value:	\$247,227,442
Security Market Value:	\$246,244,123
Accrued Interest:	\$983,319
Cash:	-
Amortized Cost:	\$249,979,221
Yield at Market:	2.86%
Yield at Cost:	2.14%
Effective Duration:	1.94 Years
Duration to Worst:	2.03 Years
Average Maturity:	2.24 Years
Average Credit: *	AA

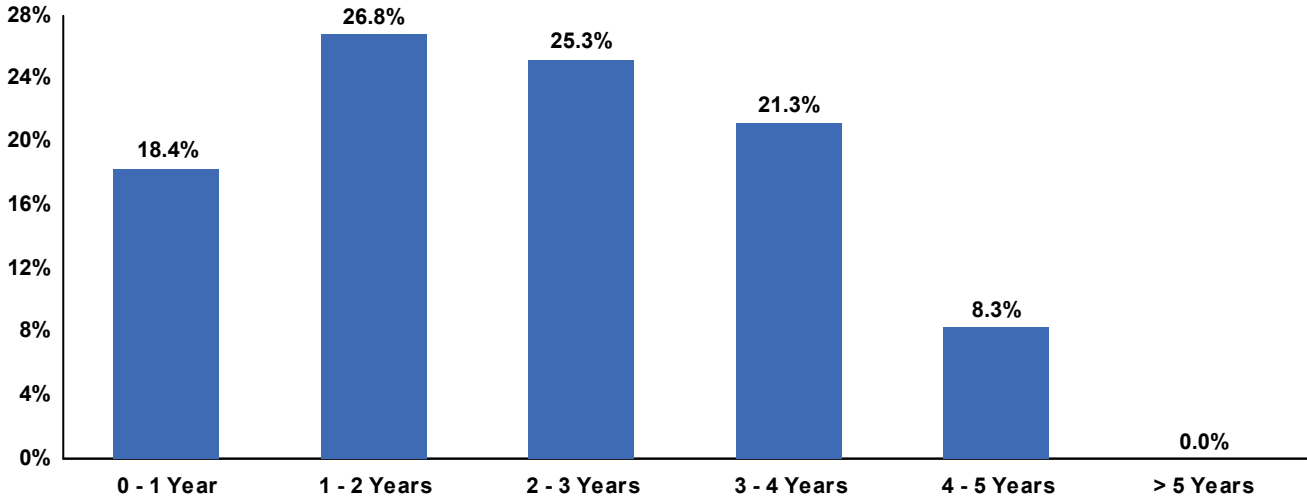
Credit Quality (S&P Ratings)



Sector Allocation



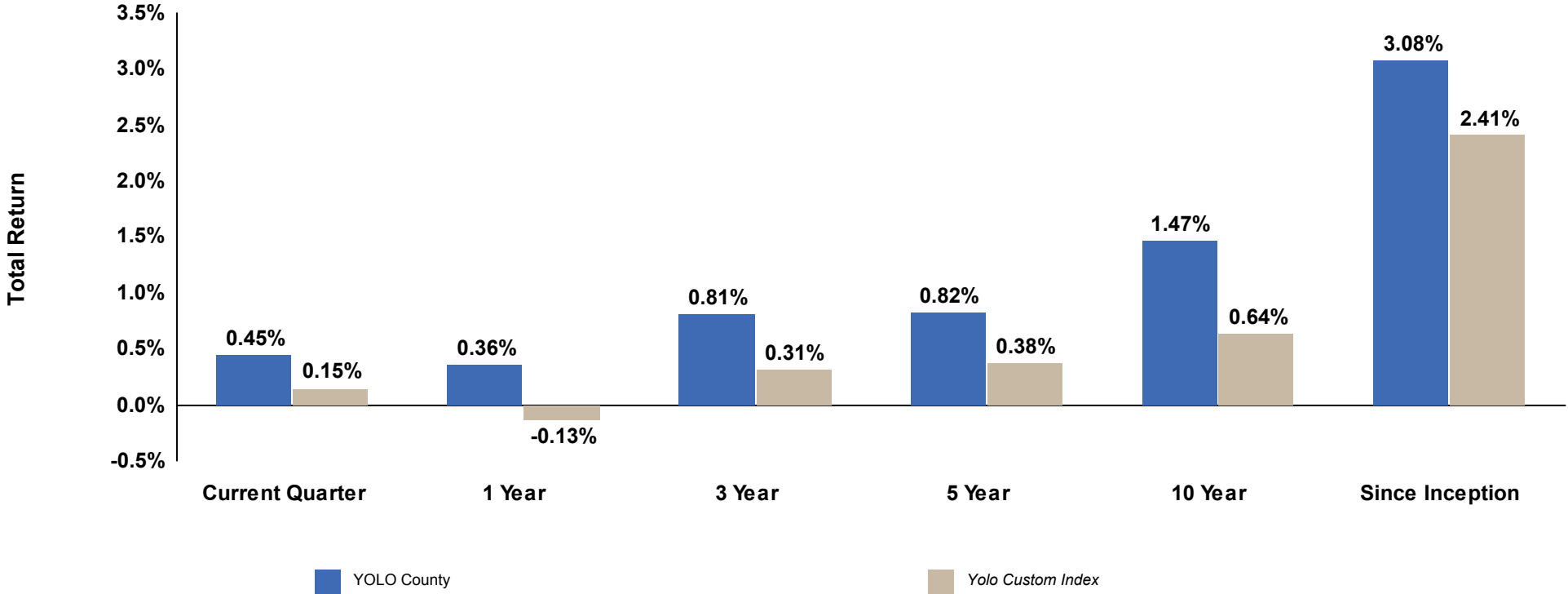
Maturity Distribution



*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	1.94	0.45%	0.36%	0.81%	0.82%	1.47%	3.08%
Yolo Custom Index	2.09	0.15%	-0.13%	0.31%	0.38%	0.64%	2.41%
Difference		0.30%	0.49%	0.50%	0.44%	0.83%	0.67%



Portfolio performance is gross of fees unless otherwise indicated. **Since Inception performance is not shown for periods less than one year.

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	44.20	1,158,829.12	1,137,185.01
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	2,746.26	517,288.93	499,713.90
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	8,939.34	1,518,605.02	1,467,394.32
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	7,391.98	2,336,829.70	2,263,493.70
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	232.57	4,373,127.14	4,360,149.05
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	208.62	4,016,810.74	3,911,097.15
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	194.71	3,784,800.68	3,650,357.34
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	247.60	5,159,936.31	4,952,044.30
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	77.27	1,484,755.40	1,448,554.50
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	17,184.78	5,150,794.32	4,929,869.10
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	151.92	3,138,217.17	3,019,651.76
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	245.91	4,920,900.74	4,887,822.39
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	50,133.70	5,807,336.63	5,775,671.81
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	7,289.71	5,384,046.55	5,337,604.23
Security Type Sub-Total		49,590,000.00					48,689,006.25	2.25	95,088.57	48,752,278.45	47,640,608.56

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
Supra-National Agency Bond / Note											
INTER-AMERICAN DEVELOPMENT BANK DTD 04/12/2016 1.000% 05/13/2019	458182DX7	3,500,000.00	AAA	Aaa	4/5/2016	4/12/2016	3,489,500.00	1.10	13,416.67	3,497,872.84	3,465,406.00
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	2,616.25	2,339,858.99	2,304,593.46
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	22,656.25	2,506,843.13	2,479,312.50
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	4,119.31	4,992,091.00	4,868,665.00
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	44,089.03	5,293,634.33	5,173,867.50
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	8,724.38	2,110,161.51	2,081,479.37
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	6,263.98	3,887,585.79	3,854,834.40
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	18,578.54	3,676,885.45	3,662,248.81
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	9,027.78	2,521,447.23	2,418,530.00
Security Type Sub-Total		30,790,000.00					30,839,555.59	1.88	129,492.19	30,826,380.27	30,308,937.04
Federal Agency Collateralized Mortgage Obligation											

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-M8 FA DTD 05/01/2015 2.327% 11/01/2018	3136ANMF1	55,256.44	AA+	Aaa	5/13/2015	5/29/2015	55,243.34	0.36	107.14	55,256.44	55,238.85
FNMA SERIES 2015-M15 ASQ2 DTD 11/01/2015 1.898% 01/01/2019	3136AQSW1	71,048.00	AA+	Aaa	11/6/2015	11/30/2015	71,758.46	1.20	112.38	71,048.00	70,786.62
FNMA SERIES 2015-M10 FA DTD 06/01/2015 2.409% 03/01/2019	3136ANA98	255,565.10	AA+	Aaa	6/12/2015	6/30/2015	255,491.14	0.43	513.15	255,565.10	255,191.16
FNMA SERIES 2016-M9 ASQ2 DTD 06/01/2016 1.785% 06/01/2019	3136ASPX8	144,435.12	AA+	Aaa	6/9/2016	6/30/2016	145,879.40	1.05	214.85	144,600.12	143,520.50
FANNIE MAE SERIES 2015-M13 ASQ2 DTD 10/01/2015 1.646% 09/01/2019	3136AQDQ0	507,115.03	AA+	Aaa	10/7/2015	10/30/2015	512,193.22	1.08	695.59	507,788.65	505,185.96
FNMA SERIES 2015-M12 FA DTD 09/01/2015 2.502% 04/01/2020	3136AP3Z3	1,494,322.04	AA+	Aaa	9/10/2015	9/30/2015	1,493,784.07	0.54	3,116.25	1,494,322.04	1,493,409.31
FNA 2018-M5 A2 DTD 04/01/2018 3.560% 09/25/2021	3136B1XP4	1,807,953.68	AA+	Aaa	4/11/2018	4/30/2018	1,843,915.69	2.27	5,363.60	1,839,973.12	1,825,008.11
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	1,360,073.67	1,345,534.07
Security Type Sub-Total		5,685,695.41					5,739,761.41	1.65	13,599.21	5,728,627.14	5,693,874.58
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	6,961.11	1,117,631.13	1,104,567.52
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	13,235.97	3,018,492.42	2,981,860.19
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	7,261.25	2,352,004.25	2,318,259.65
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	13,104.17	4,248,974.90	4,183,695.75
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	10,054.11	1,632,074.99	1,600,125.45

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											
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	44.69	384,863.16	379,019.55
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	29,691.67	2,541,779.28	2,519,117.35
Security Type Sub-Total		15,330,000.00					15,256,370.45	1.71	80,352.97	15,295,820.13	15,086,645.46
Corporate Note											
JOHN DEERE CAPITAL CORP NOTE DTD 01/08/2016 1.950% 01/08/2019	24422ETE9	1,245,000.00	A	A2	1/5/2016	1/8/2016	1,244,925.30	1.95	5,597.31	1,244,993.13	1,243,088.93
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	1,132.63	614,983.57	612,677.15
BERKSHIRE HATHAWAY INC NOTES DTD 03/15/2016 1.700% 03/15/2019	084664CG4	1,435,000.00	AA	Aa2	3/8/2016	3/15/2016	1,433,909.40	1.73	1,084.22	1,434,830.81	1,430,060.73
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	1,993.33	1,199,656.91	1,185,529.20
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	1,052.33	2,459,104.83	2,427,869.94
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	10,929.17	2,996,714.28	2,964,489.00
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	9,989.25	3,504,213.06	3,463,679.56
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	2,746.33	1,604,195.00	1,587,024.00
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	17,633.42	1,984,523.30	1,955,022.53
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	2,737.50	374,355.87	367,783.50

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											
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	23,708.77	2,898,921.90	2,839,384.50
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	9,585.00	2,694,486.36	2,619,750.60
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	4,927.08	1,374,529.20	1,342,023.38
JP MORGAN CHASE & CO CORP NT (CALLABLE) DTD 03/01/2016 2.550% 03/01/2021	46625HQJ2	3,025,000.00	A-	A3	7/10/2017	7/13/2017	3,043,936.50	2.37	6,428.13	3,037,661.68	2,970,713.35
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	7,878.84	4,296,546.88	4,170,448.90
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	57,638.89	5,062,645.10	4,909,405.00
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	31,125.94	2,649,707.12	2,592,700.35
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	12,546.88	1,377,076.10	1,340,279.88
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	7,241.67	1,977,693.38	1,918,148.00
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	22,213.33	2,555,012.30	2,491,852.86
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	2,597.22	2,482,237.18	2,394,082.50

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											
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	23,985.82	2,649,279.43	2,580,358.01
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	2,104.50	539,417.35	534,811.14
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	3,205.77	1,665,966.32	1,611,418.05
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	16,843.75	1,204,887.71	1,199,787.05
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	5,616.00	526,920.51	521,826.30
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	4,670.28	3,393,492.50	3,242,491.60
VISA INC (CALLABLE) NOTE DTD 09/11/2017 2.150% 09/15/2022	92826CAG7	2,700,000.00	A+	A1	9/21/2017	9/25/2017	2,684,070.00	2.28	2,580.00	2,687,190.66	2,588,992.20
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	18,130.00	1,447,514.89	1,430,866.96
Security Type Sub-Total		61,715,000.00					62,031,429.70	2.13	317,923.36	61,938,757.33	60,536,565.17
Commercial Paper											
BNP PARIBAS NY BRANCH COMM PAPER DTD 03/14/2018 0.000% 12/07/2018	09659CM70	1,785,000.00	A-1	P-1	6/7/2018	6/7/2018	1,763,585.95	2.39	0.00	1,777,159.89	1,777,215.62
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	3,226,112.50	3,225,989.00

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
Commercial Paper											
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	4,381,463.17	4,381,070.73
Security Type Sub-Total		9,450,000.00					9,334,537.20	2.45	0.00	9,384,735.56	9,384,275.35
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	28,084.09	6,445,000.00	6,428,371.90
BANK OF MONTREAL CHICAGO CERT DEPOS DTD 02/09/2017 1.880% 02/07/2019	06427KRC3	1,995,000.00	A-1	P-1	2/8/2017	2/9/2017	1,995,000.00	1.90	5,625.90	1,995,000.00	1,993,058.87
BANK OF NOVA SCOTIA HOUSTON LT CD DTD 04/06/2017 1.910% 04/05/2019	06417GUE6	585,000.00	A-1	P-1	4/5/2017	4/6/2017	585,000.00	1.91	5,555.71	585,000.00	582,936.12
SUMITOMO MITSUI BANK NY CD DTD 05/04/2017 2.050% 05/03/2019	86563YVN0	5,500,000.00	A-1	P-1	5/3/2017	5/4/2017	5,500,000.00	2.05	47,292.36	5,500,000.00	5,485,909.00
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	15,333.33	4,999,183.05	4,967,600.00
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	931.50	2,700,000.00	2,677,830.30
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	45,275.78	2,620,000.00	2,618,834.10
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	12,112.31	3,910,000.00	3,893,847.79
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	8,460.75	3,890,000.00	3,899,312.66
CREDIT AGRICOLE CIB NY FLT CERT DEPOS DTD 04/10/2018 2.801% 04/10/2020	22532XHT8	2,545,000.00	A	A1	4/6/2018	4/10/2018	2,545,000.00	2.85	16,437.84	2,545,000.00	2,549,886.40

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											
CANADIAN IMP BK COMM NY FLT CERT DEPOS DTD 04/10/2018 2.731% 04/10/2020	13606BVF0	3,105,000.00	A+	Aa2	4/6/2018	4/10/2018	3,105,000.00	2.78	19,553.70	3,105,000.00	3,112,846.34
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	42,914.67	4,398,584.65	4,421,247.60
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	23,264.85	4,450,000.00	4,444,290.65
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	13,806.75	4,490,000.00	4,425,550.54
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	46,249.36	5,315,000.00	5,210,395.49
Security Type Sub-Total		56,950,000.00					56,946,378.00	2.42	330,898.90	56,947,767.70	56,711,917.76
Asset-Backed Security / Collateralized Mortgage Obligation											
NISSAN ABS 2015-B A3 DTD 07/22/2015 1.340% 03/15/2020	65475WAD0	433,675.67	NR	Aaa	7/15/2015	7/22/2015	433,641.19	1.34	258.28	433,666.82	432,719.07
TOYOTA ABS 2016-A A3 DTD 03/02/2016 1.250% 03/15/2020	89237KAD5	646,719.76	AAA	Aaa	2/23/2016	3/2/2016	646,683.09	1.25	359.29	646,708.44	644,241.72
TOYOTA ABS 2016-C A3 DTD 08/10/2016 1.140% 08/15/2020	89237WAD9	497,750.25	AAA	Aaa	8/1/2016	8/10/2016	497,736.92	1.14	252.19	497,744.86	494,421.79
HYUNDAI ABS 2016-A A3 DTD 03/30/2016 1.560% 09/15/2020	44930UAD8	512,370.72	AAA	Aaa	3/22/2016	3/30/2016	512,271.32	1.57	355.24	512,332.09	510,350.24
NISSAN ABS 2016-B A3 DTD 04/27/2016 1.320% 01/15/2021	65478VAD9	439,197.62	NR	Aaa	4/18/2016	4/27/2016	439,129.50	1.33	257.66	439,168.55	435,766.74
TOYOTA ABS 2017-A A3 DTD 03/15/2017 1.730% 02/15/2021	89238MAD0	700,000.00	AAA	Aaa	3/7/2017	3/15/2017	699,917.61	1.74	538.22	699,949.19	695,045.61
JOHN DEERE ABS 2017-A A3 DTD 03/02/2017 1.780% 04/15/2021	47787XAC1	650,000.00	NR	Aaa	2/22/2017	3/2/2017	649,907.44	1.79	514.22	649,929.36	644,954.38

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											
ALLY ABS 2017-1 A3 DTD 01/31/2017 1.700% 06/15/2021	02007PAC7	888,478.80	NR	Aaa	1/24/2017	1/31/2017	888,401.15	1.70	671.30	888,432.37	882,240.97
HONDA ABS 2017-1 A3 DTD 03/28/2017 1.720% 07/21/2021	43814TAC6	1,263,263.24	NR	Aaa	3/21/2017	3/28/2017	1,263,188.07	1.72	603.56	1,263,200.83	1,252,161.81
ALLY ABS 2017-2 A3 DTD 03/29/2017 1.780% 08/15/2021	02007HAC5	2,205,000.00	NR	Aaa	3/21/2017	3/29/2017	2,204,740.03	1.79	1,744.40	2,204,833.96	2,188,479.04
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	2,749,831.87	2,715,470.73
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	1,184,904.13	1,172,178.77
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	799,956.46	789,038.40
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	1,479,833.53	1,462,783.75
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	2,094,726.73	2,061,890.20
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	1,649,878.96	1,622,107.08
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	2,059,870.84	2,032,162.40
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	849,885.12	845,286.50
Security Type Sub-Total		21,106,456.06					21,104,212.43	1.82	15,963.87	21,104,854.11	20,881,299.20
Managed Account Sub Total		250,617,151.47					249,941,251.03	2.14	983,319.07	249,979,220.69	246,244,123.12
Securities Sub-Total		\$250,617,151.47					\$249,941,251.03	2.14%	\$983,319.07	\$249,979,220.69	\$246,244,123.12
Accrued Interest											\$983,319.07
Total Investments											\$247,227,442.19

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 **September 30, 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	8,854.17	433,026.84	432,488.50
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	5,000.00	411,552.60	409,116.00
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	4,722.22	260,640.56	258,765.00
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	2,833.33	428,678.35	425,289.00
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	5,333.33	421,321.29	416,160.00
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	2,666.67	422,486.02	420,320.00
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	412,966.66	451,804.80
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	7,000.00	302,555.13	303,892.40
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	8,000.00	428,591.26	425,080.00
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	3,333.33	437,863.60	442,156.00
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	696,824.96	785,375.70
Security Type Sub-Total		4,790,000.00					4,500,086.85	2.59	47,743.05	4,656,507.27	4,770,447.40
Money Market Mutual Fund											
MONEY MARKET FUND	IA0005669	3,893,268.42	AAAm	NR	05/15/18	05/15/18	3,893,268.42	0.00	0.00	3,893,268.42	3,893,268.42
Security Type Sub-Total		3,893,268.42					3,893,268.42		0.00	3,893,268.42	3,893,268.42



Managed Account Detail of Securities Held

For the Month Ending **September 30, 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		8,683,268.42					8,393,355.27	1.43	47,743.05	8,549,775.69	8,663,715.82
Securities Sub-Total		\$8,683,268.42					\$8,393,355.27	2.59%	\$47,743.05	\$8,549,775.69	\$8,663,715.82
Accrued Interest											\$47,743.05
Total Investments											\$8,711,458.87



Managed Account Detail of Securities Held

For the Month Ending **September 30, 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
U.S. Treasury 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	2,487.69	877,931.54	858,012.75
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	2,394.47	478,881.17	465,054.45
Security Type Sub-Total		1,350,000.00					1,366,613.28	0.91	4,882.16	1,356,812.71	1,323,067.20
Federal Agency Mortgage-Backed Security											
FNMA POOL #AC1637 DTD 08/01/2009 5.000% 09/01/2039	31417KZB6	121,284.10	AA+	Aaa	12/15/14	12/18/14	134,928.54	3.92	505.35	134,737.08	128,981.87
FNMA POOL #AU6744 DTD 10/01/2013 4.000% 10/01/2043	3138X6P66	295,331.41	AA+	Aaa	11/21/13	11/26/13	309,175.05	3.60	984.44	307,370.52	299,891.73
FHLMC POOL #G08551 DTD 10/01/2013 4.000% 10/01/2043	3128MJTH3	300,460.06	AA+	Aaa	11/21/13	11/26/13	313,558.23	3.64	1,001.53	311,897.83	304,857.53
Security Type Sub-Total		717,075.57					757,661.82	3.67	2,491.32	754,005.43	733,731.13
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	1,325.00	100,463.51	100,007.20
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	721.39	101,895.53	99,207.30
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	843.89	101,498.44	98,520.60
JP MORGAN CHASE & CO CORP NT (CALLABLE) DTD 03/01/2016 2.550% 03/01/2021	46625HOJ2	100,000.00	A-	A3	08/16/16	08/19/16	102,151.00	2.05	212.50	101,152.56	98,205.40
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	187.50	101,400.92	97,939.20



Managed Account Detail of Securities Held

For the Month Ending **September 30, 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												
AMERICAN EXPRESS CREDIT (CALLABLE) NOTES	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	912.50	100,964.10	97,474.90
Security Type Sub-Total			600,000.00					616,135.00	1.76	4,202.78	607,375.06	591,354.60
Managed Account Sub-Total			2,667,075.57					2,740,410.10	1.86	11,576.26	2,718,193.20	2,648,152.93
Securities Sub-Total			\$2,667,075.57					\$2,740,410.10	1.86%	\$11,576.26	\$2,718,193.20	\$2,648,152.93
Accrued Interest												\$11,576.26
Total Investments												\$2,659,729.19



Managed Account Detail of Securities Held

For the Month Ending **September 30, 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	2,523,689.82	0.22	3,254.98	2,509,744.54	2,424,057.87
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	2,284,719.22	0.31	1,806.71	2,283,010.96	2,200,124.83
Security Type Sub-Total		4,414,000.00					4,808,409.04	0.26	5,061.69	4,792,755.50	4,624,182.70
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	16,788.75	4,067,522.79	3,983,097.36
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	11,562.22	2,422,458.26	2,350,139.44
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	20,304.17	2,211,061.93	2,136,739.62
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	17,257.78	1,750,376.36	1,697,831.16
Security Type Sub-Total		10,470,000.00					10,444,112.00	1.83	65,912.92	10,451,419.34	10,167,807.58
Corporate Note											
JP MORGAN CHASE & CO CORP NOTE DTD 10/22/2014 2.200% 10/22/2019	48127HAA7	175,000.00	A-	A3	12/08/17	12/12/17	175,239.75	2.12	1,700.42	175,138.62	173,805.45
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	1,614.86	174,192.08	171,307.50
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	1,188.06	175,282.51	172,190.38
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	2,997.22	260,643.35	255,289.06



Managed Account Detail of Securities Held

For the Month Ending **September 30, 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	181.81	171,617.98	167,585.78
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	1,709.90	174,603.26	170,154.25
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	1,588.13	174,117.65	169,665.87
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	1,531.25	176,292.50	171,456.60
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	480.76	345,434.80	333,785.90
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	393.46	349,627.94	340,045.98
Security Type Sub-Total			2,180,000.00					2,176,585.25	2.47	13,385.87	2,176,950.69	2,125,286.77
Managed Account Sub-Total			17,064,000.00					17,429,106.29	1.48	84,360.48	17,421,125.53	16,917,277.05
Securities Sub-Total			\$17,064,000.00					\$17,429,106.29	1.48%	\$84,360.48	\$17,421,125.53	\$16,917,277.05
Accrued Interest												\$84,360.48
Total Investments												\$17,001,637.53

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

