

Quarterly Investment Report

December 31, 2016

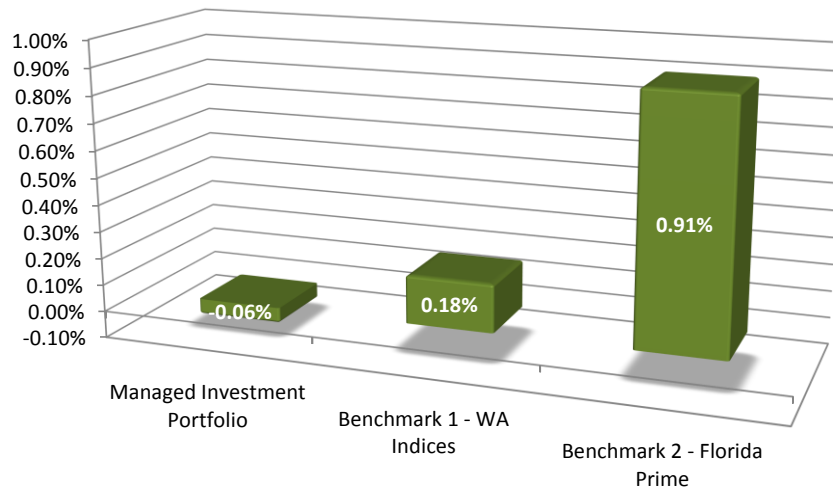


prepared by Cash Management Department

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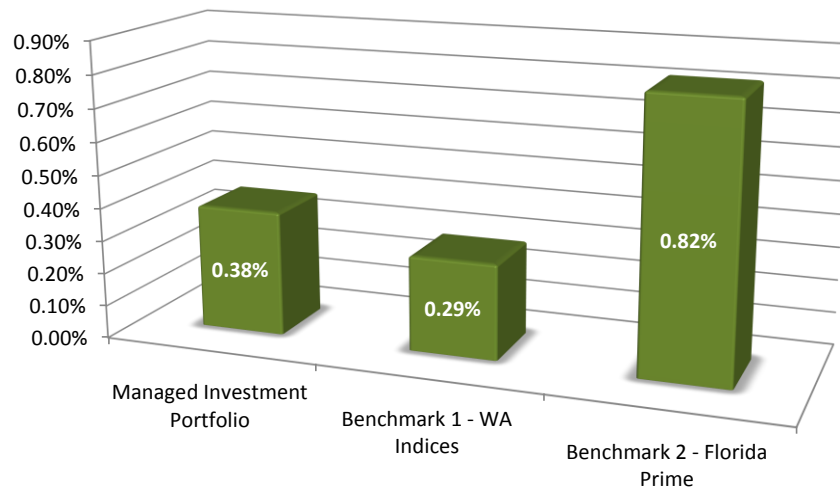
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Yield Comparison December 31, 2016



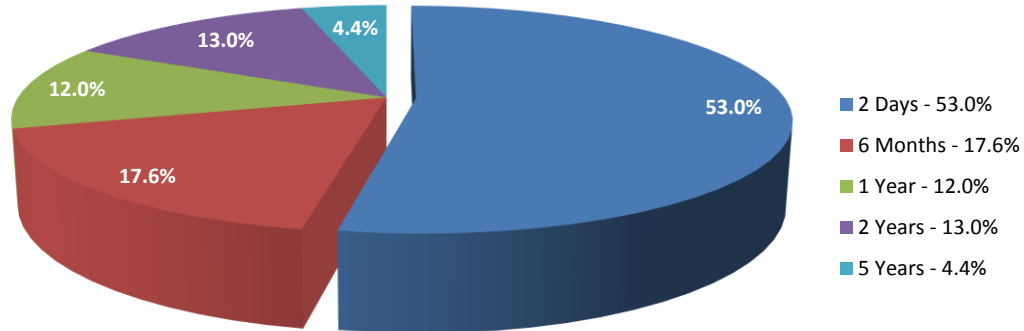
The yield on the district’s managed investment program was -0.06% for the quarter ended December 31, 2016.

Yield Comparison Year to Date through December 31, 2016



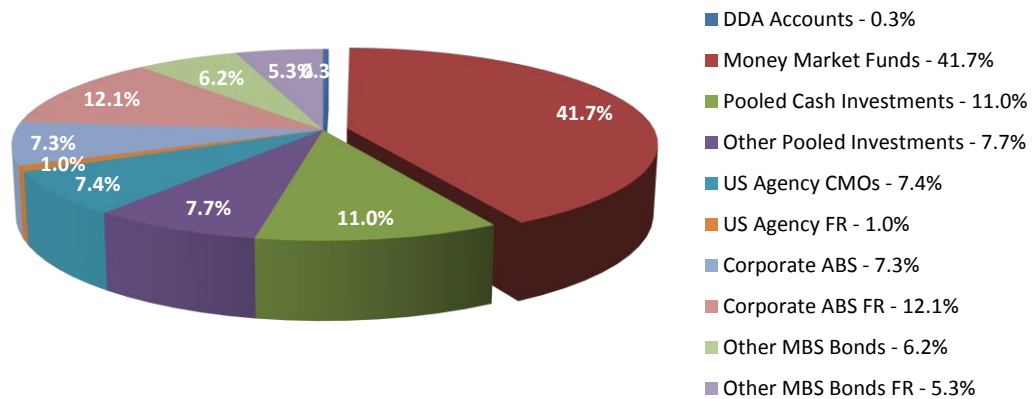
The yield on the district’s managed investment program was 0.38% for the fiscal year ended December 31, 2016.

Investments by Duration December 31, 2016



The above chart breaks down the duration of the district’s investment by time frame. The largest category, 2 days duration, represents liquid cash that can be accessed within 2 days. The other categories represent investments whose modified duration falls within that time frame.

Investments by Type December 31, 2016



The above chart breaks down the district’s portfolio by investment type. For example, the largest category is Agency, GNMA, FNMA, FHLMC, etc..., Mortgage-Backed Securities (MBS) representing 41.7% of the portfolio.

Portfolio Assets	12/31/16	6/30/16	
Investment in U.S. Treasury and Agency Securities:			
Investments (securities at market value)	\$178,640,060	\$202,483,371	
Other Pooled Investments	35,234,879	32,114,690	
State Board of Administration Fund B	0	38,381	
Accrued Interest Receivable and Prepaid Interest	502,905	443,507	
Total U.S. Treasury and Agency Securities	\$214,377,845	\$235,079,949	
Cash Investments			
Money market funds	189,727,306	6,594,056	
Pooled Cash Investments	50,022,277	0	
Bank accounts (DDA & MMA)	1,563,572	6,726,605	
Total Cash Investments	\$241,313,155	\$13,320,662	
Total Managed Investment Portfolio Value	\$455,691,000	\$248,400,610	
	Quarter End	Y-T-D	Prior Year
	12/31/16	12/31/16	6/30/16
Portfolio Income			
Interest Earned			
U.S. Government Securities & Other Pooled Accounts	387,481	891,893	5,641,219
Money Market Funds	183,600	218,050	25,941
Bank Accounts	0	0	30,051
Total Interest Earned	571,081	1,109,943	5,697,211
Net increase/(decrease) in fair value of investments - Note 2	(604,859)	(675,743)	(1,761,967)
Total Managed Investment Portfolio Earnings	(\$33,778)	\$434,200	\$3,935,244
	Quarter End	Y-T-D	Prior Year
	12/31/16	12/31/16	6/30/16
Yield Comparison - Page 5			
<i>Managed Investment Portfolio</i>			
Annualized Rate of Return	-0.06%	0.38%	0.95%
<i>Benchmark 1 - Weighted Average of Comparable Indices</i>			
Annualized Rate of Return	0.18%	0.29%	0.31%
Managed Investment Portfolio Yield vs. Benchmark 1	-0.24%	0.09%	0.64%
<i>Benchmark 2 - Florida Prime MMF (SBA LGIP)</i>			
Annualized Rate of Return	0.91%	0.82%	0.18%
Managed Investment Portfolio Yield vs. Benchmark 2	-0.97%	-0.44%	0.77%

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Total Investment Value

Security Description	CUSIP	Book Value	Market Value	Unrealized Gain/Loss	Prepaid & Accrued Interest	Total Investment Value	Rtg	Mod. Dur.	% of Port
US Agency CMOs									
FHMS K711 A2	3137AVE86	20,118,750	19,982,600	(136,150)	28,833	\$20,011,433	Aaa	2.33	4.4%
GNR 13-130 JA	38378UBS5	13,546,071	13,559,498	13,427	27,868	\$13,587,366	Aaa	1.38	3.0%
subtotal		\$33,664,821	\$33,542,098	(\$122,723)	\$56,702	\$33,598,800	AAA	1.95	7.4%
US Agency FR									
FNR 07-114 A6	31396X3Q5	211,024	211,325	300	56	\$211,381	Aaa	1.91	0.0%
FNR 04-79 FP	31394BFD1	4,318,191	4,313,185	(5,006)	635	\$4,313,820	Aaa	0.15	0.9%
subtotal		\$4,529,215	\$4,524,510	(\$4,705)	\$691	\$4,525,201	AAA	0.23	1.0%
Corporate ABS									
CNH 14-A A4	12591BAD7	10,027,782	10,008,100	(19,682)	6,667	\$10,014,767	Aaa	1.20	2.2%
FORDF 12-5 A	34528QBY9	23,077,863	23,039,560	(38,303)	15,231	\$23,054,791	Aaa	0.70	5.1%
subtotal		\$33,105,645	\$33,047,660	(\$57,985)	\$21,898	\$33,069,558	AAA	0.85	7.3%
Corporate ABS FR									
AMOT 15-2 A1	02005AFD5	15,018,666	15,030,900	12,234	7,850	\$15,038,750	Aaa	0.21	3.3%
AMOT 14-5 A1	02005AEQ7	10,030,856	10,029,400	(1,456)	5,638	\$10,035,038	Aaa	0.21	2.2%
FORDF 14-2 A	34528QDA9	10,900,167	10,908,556	8,389	5,340	\$10,913,896	Aaa	0.21	2.4%
FORDF 14-4 A2	34528QDM3	10,516,186	10,511,340	(4,846)	4,404	\$10,515,744	AAA	0.21	2.3%
NGN 2010-R3 1A	62888WAA4	8,715,583	8,673,280	(42,303)	6,560	\$8,679,839	Aaa	0.19	1.9%
subtotal		\$55,181,458	\$55,153,475	(\$27,982)	\$29,791	\$55,183,266	AAA	0.20	12.1%
Other MBS Bonds									
JPMCC 04-LN2 A2	46625YCV3	375,491	367,159	(8,331)	1,568	\$368,727	Aaa	0.19	0.1%
LBUBS 08-C1 A2	50180LAC4	15,048,835	14,930,477	(118,357)	48,907	\$14,979,384	Aaa	0.92	3.3%
WBCMT 07-C31 A5	92978TAF8	13,021,260	12,952,981	(68,278)	59,065	\$13,012,047	Aaa	0.19	2.8%
subtotal		\$28,445,585	\$28,250,618	(\$194,967)	\$109,541	\$28,360,159	AAA	0.58	6.2%

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December 31, 2016
Total Investment Value

Security Description	CUSIP	Book Value	Market Value	Unrealized Gain/Loss	Prepaid & Accrued Interest	Total Investment Value	Rtg	Mod. Dur.	% of Port
Other MBS Bonds FR									
SBA 522179	83165AUC6	7,601,825	7,484,989	(116,836)	48,320	\$7,533,309	Aaa	0.44	1.6%
SBA 522328	83165AYZ1	16,766,815	16,636,710	(130,105)	108,710	\$16,745,420	AAA	0.56	3.7%
subtotal		\$24,368,640	\$24,121,699	(\$246,941)	\$157,030	\$24,278,729	AAA	0.52	5.3%
Cash, MMFs, & Investment Pools									
Bank Accounts ¹	N/A	1,563,572	1,563,572	0	0	1,563,572	NR	1d	0.3%
Money Market Funds ¹	N/A	189,734,697	189,727,306	(7,391)	81,699	189,809,005	AAAm	33d	41.7%
FL FIT (CP Portfolio) ¹	140021420B	50,022,277	50,022,277	0	0	50,022,277	AAAf	110d	11.0%
FL FIT (1-3 Yr Portfolio)	140021420	35,288,538	35,234,879	(53,658)	0	35,234,879	AA	1.13	7.7%
subtotal		\$276,609,084	\$276,548,035	(\$61,049)	\$81,699	\$276,629,734	AA-	1.13	60.8%
Managed Investment Program		\$455,904,448	\$455,188,095	(\$716,353)	\$457,350	\$455,645,445	AA+	0.82	

¹Figure shown is Weighted Average Maturity, or WAM, instead of Modified Duration
Unrealized Gain/Loss as a percent of total market value:

-0.16%

	Quarter End 12/31/16	Y-T-D 12/31/16	Prior Year 6/30/16
Average Invested Value of Managed Investment Portfolio	\$231,470,566	\$227,287,511	\$415,617,146
Managed Investment Portfolio Yield			
Total Managed Investment Portfolio Earnings	(\$33,778)	\$434,200	\$3,935,244
<i>Managed Investment Portfolio Annualized Rate Of Return</i>	-0.06%	0.38%	0.95%
Benchmark 1 - Weighted Average of Comparable Indices			
Pro Forma Interest Earnings:			
Quarter Ended 6/30/17			1,295,583
Quarter Ended 3/31/17			
Quarter Ended 12/31/16	103,736	103,736	
Quarter Ended 9/30/16		230,970	
Total Pro Forma Benchmark 1 Earnings	\$103,736	\$334,706	\$1,295,583
<i>Benchmark 1 Annualized Rate Of Return</i>	0.18%	0.29%	0.31%
Benchmark 2 - Florida Prime (SBA LGIP)			
Pro Forma Interest Earnings:			
Quarter Ended 6/30/17			554,804
Quarter Ended 3/31/17			
Quarter Ended 12/31/16	532,358	532,358	
Quarter Ended 9/30/16		410,737	
Total Pro Forma Benchmark 2 Earnings	\$532,358	\$943,095	\$554,804
<i>Benchmark 2 Annualized Rate Of Return</i>	0.91%	0.82%	0.18%
Earnings Comparison			
<i>Annualized Rate of Return</i>			
Managed Investment Portfolio vs. Benchmark 1	-0.24%	0.09%	0.64%
Managed Investment Portfolio vs. Benchmark 2	-0.97%	-0.44%	0.77%
<i>Dollar Earnings</i>			
Managed Investment Portfolio vs. Benchmark 1	(\$137,513)	\$99,494	\$2,639,661
Managed Investment Portfolio vs. Benchmark 2	(\$566,135)	(\$508,895)	\$3,380,440

Note 1 – Securities Valuation

Starting June 30, 1997, Investments are valued at current market value. Prior to August 12, 1992 all cash was invested with the SBA. The Managed Investment Program (MIP) refers to assets actively managed for higher earnings than what would be achieved if all surplus district cash were held in a deposit account. Cash needed for current expenditures is held in interest bearing deposit accounts, money market funds, and pooled investment accounts. Bonds are priced by comparing the current coupon to the yield an investor would get if they purchased a similar bond in the open market as of the pricing date. An inverse relationship exists between yield and price. When yields rise, market prices fall, conversely when yields fall, market prices rise. The district uses the custodian’s market prices to value its securities at month-end. The custodian purchases its pricing from IDC, Interactive Data Corporation. IDC is a provider of global investment market data to the financial industry.

Note 2 – Calculation of Net increase/(decrease) in fair value of investments

The Governmental Accounting Standards Board (GASB) Statement 31 requires that all Governmental entities must adjust the book value of most investment securities to current market value. Securities with a fixed coupon and a final maturity of less than one year are exempt. Since most securities held by money market funds meet the above criteria, investments in money market funds are also exempt. The amount of the adjustment will be netted against interest earned for the reporting period. Securities exempt from GASB 31 will be recorded on the books at amortized cost.

At month end, the market prices from the district’ custodian, will be used to calculate the change in fair value from the prior month. The changes in value and interest earnings are booked to the general ledger in separate revenue functions. Since the district’s strategy is to buy and hold, over time, the net of the change in value and interest earnings should closely approximate the purchase yield of the portfolio. The following table summarizes the relationship between realized gains and losses and the adjustment to fair value per GASB 31.

December 31, 2016	<u>Quarter End</u>	<u>Fiscal Y-T-D</u>	<u>Prior Fiscal Year</u>
Realized Gains/Losses	3,160	110,484	(4,736,553)
MV Adjustment for Period	(608,019)	(786,227)	2,974,586
Net Incr/(Decr) in fair value of investments	<u>(604,859)</u>	<u>(675,743)</u>	<u>(1,761,967)</u>

Note 3 – Cumulative Return Over the SBA

For the fiscal year-to-date, the Managed Investment Portfolio’s (MIP) earnings were less than the State Board of Administration’s (SBA) local government investment pool by (\$508,895). Since August 1992, the MIP’s cumulative earnings were over the SBA by 34,510,092.

Note 4 – Effect of Unrealized Gains and Losses on Income

The district’s MIP currently has an unrealized loss of \$716,353. This figure has been netted against interest income. If the district’s bonds were priced at par (100) as of December 31, 2016, the district’s cumulative earnings over the SBA would be \$35,226,445.

Note 5 – Implied Ratings on US Agency Mortgage-Backed Securities

Mortgage-backed securities (MBS), including pools and Collateralized Mortgage Obligations (CMO), issued by US government agencies (GNMA, FNMA, and FHLMC) are not rated by the any rating agency. This is due to the implicit, in the case of FNMA and FHLMC, and explicit, in the case of GNMA, backing of the United States government. An implied rating based on the sovereign rating of US government issued debt is used. Currently this rating is AAA.

Credit Risk

The district's Investment Policy (6144) permits investments in US government and US government guaranteed bonds, Federal agency (Government Sponsored Enterprise, GSE) bonds, collateralized bonds, and short-term, money market investments. The district has \$88,201,135 in corporate asset-backed securities. The credit enhancements, short duration, and high ratings of these bonds demonstrate the safety and liquidity of these bonds. Securities in the Exempt category include U.S. Government obligations and obligations with an explicit U.S. Government guarantee. The non-compliant category consists of the district's investment in SBA Fund B accounts. This investment is frozen by the SBA. Money is distributed as the investments in the fund return principal or mature.

Credit Risk

Investment Category	Market Value	Average Rating
Cash	\$276,548,035	AA-
US Agency CMOs	\$33,542,098	AAA
US Agency FR	\$4,524,510	AAA
Corporate ABS	\$33,047,660	AAA
Corporate ABS FR	\$55,153,475	AAA
Other MBS Bonds	\$28,250,618	AAA
Other MBS Bonds FR	\$24,121,699	AAA
Portfolio	\$455,188,095	AA+

Concentration of Credit Risk

The district's Investment Policy (6144) permits investments in US government and US government guaranteed bonds, Federal agency (Government Sponsored Enterprise, GSE) bonds, collateralized bonds, and short-term, money market investments. For this reason, the Policy does not separately address concentration of credit risk. The Manager, Cash & Investments is allowed to invest up to 5% of the total portfolio value in bonds that are not otherwise permitted under the Funds Management Policy. The concentration risk of these investments is 5%.

Securities exempt from Concentration of Credit Risk disclosure include U.S. Government obligations and obligations with an explicit U.S. Government guarantee. In addition, investment pools and money market fund investments are also exempt.

Concentration of Credit Risk

Issuer	Percent of Total	Market Value	Issuer Full Name
EX	60.75%	\$276,548,035	Exempt
FORDF	9.77%	44,459,456	Ford Credit Floorplan Master O
ALLY	5.51%	25,060,300	ALLY Master Owner Trust
SBA	5.30%	24,121,699	State Board of Administration

Securities Where Issuer Represents More Than 5% of Portfolio

Issuer	CUSIP	Market Value	Description
FORDF	34528QBY9	23,039,560.00	FORDF 12-5 A
SBA	83165AYZ1	16,636,710.09	SBA 522328
ALLY	02005AFD5	15,030,900.00	AMOT 15-2 A1
FORDF	34528QDA9	10,908,555.84	FORDF 14-2 A
FORDF	34528QDM3	10,511,340.00	FORDF 14-4 A2
ALLY	02005AEQ7	10,029,400.00	AMOT 14-5 A1
SBA	83165AUC6	7,484,989.07	SBA 522179

Interest Rate Risk

The district's Investment Policy (6144) requires the average duration of the portfolio to be less than five years.

Modified Duration Risk

Modified duration expresses the amount of time in years until half of the principal is returned. This calculation takes into account the coupon rate, interest and principal payment frequency, call options, and sensitivity of price to changes in interest rates. Factors that extend the return of principal, or make it more time uncertain, increase the duration. Factors that quicken the return of principal, or make it more time certain, decrease the duration. Duration will also change as the level of interest rates in the economy rise and fall. With the current level of interest rates, the above table indicates that the district will receive 50% of invested principal in 0.82 years, or 9.84 months.

Floating/Adjustable Interest Rate Risk

The district currently has \$83,799,684 invested in securities with floating or adjustable interest rate risk. \$83,799,684 is invested in floating rate bonds. The coupon on these bonds resets monthly, or quarterly, based on an index rate. The coupons on these bonds range from 0.41% to 4.38%.

Call Option Risk

There are three types of call options, "one-time" calls, "discrete" calls and "continuous" calls. These are listed in order of increasing risk. A one-time call means that at one specified time before maturity, the issuer of a bond has the option to call the bond, or buy it back from investors. A discrete call means that at specific times, usually either quarterly or semi-annually, before maturity, the issuer can call the bond. A continuous call means that starting at a specified point in time, usually an interest payment date, and at any time thereafter, up to the maturity date, the issuer can call the bond. The district currently has no callable bonds.

MBS/ABS Prepayment Risk

There are two types of Mortgage-Backed Securities (MBSs) in which the district invests. Agency pools are collections, or pools, of mortgages in which the investor receives the principal and interest payments in the same proportion as the borrowers pay them. CMO bonds are backed by mortgage pools, however, the principal payment of the bond has been altered to be either more or less time certain than the underlying mortgages. ABS bonds are securities that are collateralized by financial products other than residential mortgages. For example car loans/leases, commercial mortgages, or credit card loans.

MBSs have a unique type of "call" risk, in that homeowners may opt to prepay their mortgage at any time. While there are many factors which determine whether a homeowner will prepay their mortgage, one of the most significant is the level of interest rates. When rates fall it is more advantageous to the homeowner to refinance their mortgage to a lower rate. When rates rise, this type of prepayment will decrease.

The duration on the District's portfolio ranges from 0 years to 2.33 years. The duration on the District's ABS/MBS bonds ranges from 0.15 years to 2.33 years.

Interest Rate Risk

Investment Category	Market Value	Mod. Dur.
Exempt	\$241,313,155	0.00
Investment Pool	\$35,234,879	1.13
US Agency CMOs	\$33,542,098	1.95
US Agency FR	\$4,524,510	0.23
Corporate ABS	\$33,047,660	0.85
Corporate ABS FR	\$55,153,475	0.20
Other MBS Bonds	\$28,250,618	0.58
Other MBS Bonds FR	\$24,121,699	0.52
Portfolio	\$455,188,095	0.82