# **Quarterly Investment Report**

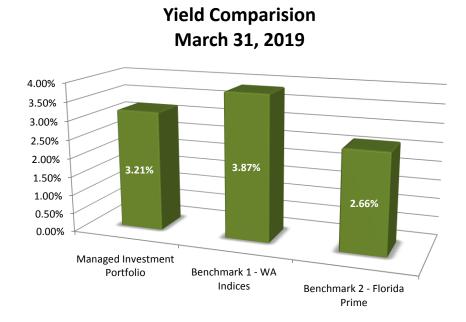
# March 31, 2019



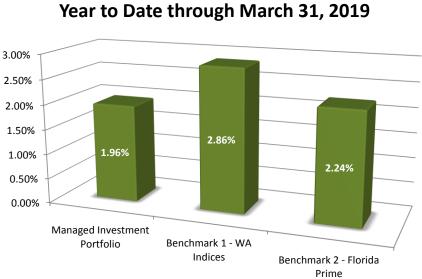
prepared by Cash Management Department

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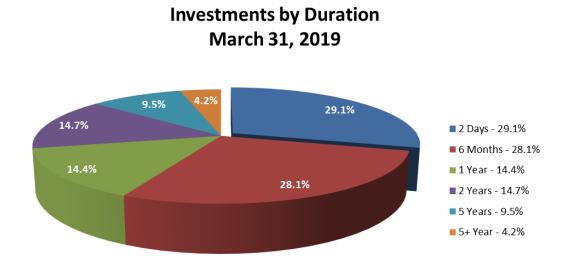


The yield on the district's managed investment program was 3.21% for the quarter ended March 31, 2019.

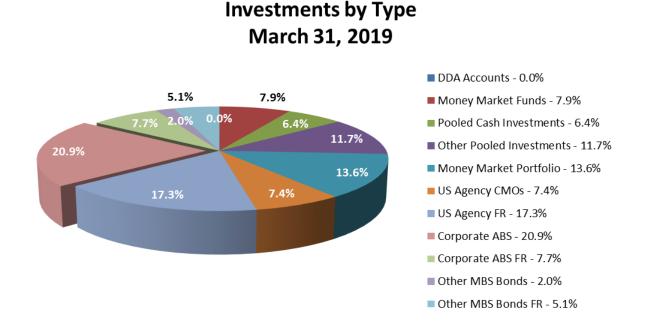


Yield Comparision Year to Date through March 31, 2019

The yield on the district's managed investment program was 1.96% for the fiscal year ended March 31, 2019.



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.



The above chart breaks down the district's portfolio by investment type. For example, the largest category is Corporate Asset-Backed Securities (ABS) representing 20.9% of the portfolio.

Portfolio Assets	3/31/19		6/30/18
Investment in U.S. Treasury and Agency Securities: Investments (securities at market value) Other Pooled Investments Accrued Interest Receivable and Prepaid Interest	\$351,913,175 55,722,203 774,954	_	\$208,878,831 35,405,452 456,833
Total U.S. Treasury and Agency Securities	\$408,410,332		\$244,741,115
Cash Investments Money market funds Pooled Cash Investments Bank accounts (DDA & MMA)	37,433,094 30,265,877 58,089	_	16,464,374 0 1,859,682
Total Cash Investments	\$67,757,059		\$18,324,056
Total Managed Investment Portfolio Value	\$476,167,391	=	\$263,065,171
Portfolio Income	Quarter End 3/31/19	Y-T-D 3/31/19	Prior Year 6/30/18
Interest Earned U.S. Government Securities & Other Pooled Accounts Money Market Funds Bank Accounts	2,534,380 558,660 0	5,038,811 923,370 0	4,802,050 628,060 0
Total Interest Earned	3,093,040	5,962,181	5,430,109
Net increase/(decrease) in fair value of investments - Note 2	854,409	(768,601)	(3,122,155)
Total Managed Investment Portfolio Earnings	\$3,947,449	\$5,193,580	\$2,307,954
Yield Comparison - Page 5	Quarter End 3/31/19	Y-T-D 3/31/19	Prior Year 6/30/18
Managed Investment Portfolio Annualized Rate of Return Benchmark 1 - Weighted Average of Comparable Indices	3.21%	1.96%	0.68%
Annualized Rate of Return	3.87%	2.86%	0.85%
Managed Investment Portfolio Yield vs. Benchmark 1	-0.66%	-0.90%	-0.17%
Benchmark 2 - Florida Prime MMF (SBA LGIP) Annualized Rate of Return	2.66%	2.24%	1.36%
Managed Investment Portfolio Yield vs. Benchmark 2	0.55%	-0.28%	-0.68%

The notes on page 8 are an integral part of this statement.

Security Description	CUSIP	Book Value	Market Value	Unrealized Gain/Loss	Prepaid & Accrued Interest	Total Investment Value	Rtg	Mod. Dur.	% of Port
Money Market Portfolio	_								
ANGLES 0% 05/19	0347M3SN5	19,926,879	19,926,879	0	0	\$19,926,879	P-1	0.06	4.2%
CHESM 0% 06/19	16536JTQ0	24,850,102	24,850,102	0	0	\$24,850,102	P-1	0.23	5.2%
WHTPCO 0% 06/19	96437UTJ3	19,881,399	19,881,399	0	0	\$19,881,399	P-1	0.22	4.2%
subtotal		\$64,658,379	\$64,658,379	\$0	\$0	\$64,658,379	P-1	0.17	13.6%
US Agency CMOs									
GNR 2011-110 D	38376G3H1	3,013,979	2,961,701	(52,278)	9,217	\$2,970,918	Aaa	0.92	0.6%
GNR 2013-73 A	38378KPU7	3,231,545	3,171,680	(59,865)	2,717	\$3,174,398	Aaa	1.31	0.7%
GNR 2018-132 AH	38380MNK3	19,493,887	19,612,861	118,974	45,375	\$19,658,237	Aaa	2.02	4.1%
GNR 2013-162 AD	38378NEY5	9,413,686	9,411,557	(2,130)	14,117	\$9,425,673	Aaa	1.38	2.0%
subtotal		\$35,153,097	\$35,157,799	\$4,702	\$71,426	\$35,229,226	AAA	1.69	7.4%
US Agency FR	_								
FH 2B1392	31326FRM2	5,019,079	5,001,634	(17,445)	34,012	\$5,035,647	Aaa	1.24	1.1%
FN AL1278	3138EHM41	11,719,777	11,630,494	(89,283)	42,422	\$11,672,916	Aaa	1.73	2.4%
FN AL8226	3138ETD86	13,250,703	13,056,161	(194,542)	48,578	\$13,104,739	Aaa	2.37	2.7%
FN AL3676	3138ELCN1	20,072,637	20,068,866	(3,771)	34,290	\$20,103,155	Aaa	5.52	4.2%
FH 840632	31347AVZ4	12,565,584	12,578,756	13,171	50,916	\$12,629,671	Aaa	2.83	2.6%
SBA POOL 522179	83165AUC6	3,598,703	3,559,064	(39,639)	34,512	\$3,593,575		0.49	0.7%
SBA POOL 522500	83165A7M0	16,155,054	16,143,791	(11,263)	141,433	\$16,285,224	AAA	0.67	3.4%
subtotal		\$82,381,537	\$82,038,765	(\$342,772)	\$386,163	\$82,424,928	AAA	2.63	17.3%
Corporate ABS	_								
AESOP 2014-2A A	05377RBV5	13,507,306	13,532,913	25,607	10,368	\$13,543,280	Aaa	0.66	2.8%
CFII 2018-2A A1	165183BN3	8,302,552	8,343,490	40,938	11,895	\$8,355,385	Aaa	1.22	1.8%
DRIVE 2017-3 C	26207KAF8	18,350,000	18,348,532	(1,468)	22,836	\$18,371,368	Aaa	0.47	3.9%
FCAT 17-3 A	33844KAA4	2,888,594	2,881,515	(7,079)	2,418	\$2,883,932	AAA	0.41	0.6%
FORDF 2016-5 A1	34528QFD1	14,883,662	14,925,000	41,338	13,000	\$14,938,000	Aaa	0.61	3.1%
HERTZ 2016-3A A	42806DAY5	19,551,237	19,587,174	35,937	7,426	\$19,594,600	Aaa	0.31	4.1%
HERTZ 2016-2A	42806DAU3	13,759,112	13,833,862	74,750	6,832	\$13,840,694	Aaa	1.90	2.9%
VZOT 2016-1A A	92347XAA4	8,109,969	8,106,135	(3,834)	3,526	\$8,109,660	AAA	0.20	1.7%
subtotal		\$99,352,431	\$99,558,619	\$206,188	\$78,300	\$99,636,919	AAA	0.72	20.9%

Security Description	CUSIP	Book Value	Market Value	Unrealized Gain/Loss	Prepaid & Accrued Interest	Total Investment Value	Rtg	Mod. Dur.	% of Port
Corporate ABS FR	-								
BCARD 2018-1A A	38406EAG4	9,039,524	9,018,360	(21,164)	12,289	\$9,030,649	Aaa	1.27	1.9%
FORDF 2016-3 A2	34528QEV2	15,049,087	15,017,850	(31,237)	21,985	\$15,039,835	Aaa	0.00	3.2%
MOTEL 2017-MTL6	61975FAA7	2,969,493	2,963,735	(5,758)	4,785	\$2,968,520	AAA	0.36	0.6%
NAVSL	63939DAB1	2,443,195	2,437,164	(6,031)	1,386	\$2,438,550	Aaa	0.29	0.5%
VALET 2018-2A2B	92869BAC6	7,150,000	7,152,503	2,503	6,310	\$7,158,813	Aaa	0.70	1.5%
subtotal		\$36,651,299	\$36,589,612	(\$61,687)	\$46,755	\$36,636,367	AAA	0.50	7.7%
Other MBS Bonds									
GNR 2014-70 AC	38378N4C4	3,199,347	3,186,861	(12,486)	5,135	\$3,191,996	Aaa	1.11	0.7%
GNR 2014-64 AC	38378NY56	1,523,118	1,523,956	837	2,907	\$1,526,862	Aaa	1.14	0.3%
GNR 2014-143 AC	38378XSA0	4,954,549	4,943,896	(10,653)	8,375	\$4,952,271	Aaa	1.24	1.0%
subtotal		\$9,677,014	\$9,654,712	(\$22,301)	\$16,416	\$9,671,129	AAA	1.18	2.0%
Other MBS Bonds FR	_								
SBA 510021	83164MD22	13,825,329	13,456,022	(369,307)	101,321	\$13,557,343	Aaa	0.65	2.8%
SBA 510189	83164MKA6	10,898,644	10,799,266	(99,378)	52,052	\$10,851,318	Aaa	0.50	2.3%
subtotal		\$24,723,973	\$24,255,288	(\$468,685)	\$153,374	\$24,408,661	AAA	0.58	5.1%
Cash, MMFs, & Investment Poo	s								
Bank Accounts <sup>1</sup>	N/A	58,089	58,089	0	0	58,089	NR	1d	0.0%
Money Market Funds <sup>1</sup>	N/A	37,427,103	37,433,094	5,990	22,521	37,455,615	AAAm	0d	7.9%
FL FIT (CP Portfolio) <sup>1</sup>	140021420B	30,265,877	30,265,877	0	0	30,265,877	AA	0d	6.4%
Pooled Investments	N/A	55,561,958	55,722,203	160,245	0	55,722,203	AAA-	0.59	11.7%
subtotal		\$123,313,027	\$123,479,262	\$166,235	\$22,521	\$123,501,784	AA-	0.00	26.0%
Managed Investment Program	=	\$475,910,757	\$475,392,437	(\$518,320)	\$774,954	\$476,167,391	AAA-	0.99	=

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

-0.11%

	Quarter End 3/31/19	Y-T-D 3/31/19	Prior Year 6/30/18
Average Invested Value of Managed Investment Portfolio	\$498,459,453	\$356,711,070	\$337,620,471
Managed Investment Portfolio Yield Total Managed Investment Portfolio Earnings	\$3,941,138	\$5,248,446	\$2,307,954
Managed Investment Portfolio Annualized Rate Of Return	3.21%	1.96%	0.68%
Benchmark 1 - Weighted Average of Comparable Indices Pro Forma Interest Earnings: Quarter Ended 6/30/19 Quarter Ended 3/31/19 Quarter Ended 12/31/18 Quarter Ended 9/30/18	4,755,304	4,755,304 2,139,667 772,227	2,867,693
Total Pro Forma Benchmark 1 Earnings	\$4,755,304	\$7,667,198	\$2,867,693
Benchmark 1 Annualized Rate Of Return	3.87%	2.86%	0.85%
Benchmark 2 - Florida Prime (SBA LGIP) Pro Forma Interest Earnings: Quarter Ended 6/30/19 Quarter Ended 3/31/19 Quarter Ended 12/31/18 Quarter Ended 9/30/18	3,270,826	3,270,826 1,435,121 1,282,652	4,585,917
Total Pro Forma Benchmark 2 Earnings	\$3,270,826	\$5,988,599	\$4,585,917
Benchmark 2 Annualized Rate Of Return	2.66%	2.24%	1.36%
Earnings Comparison			
Annualized Rate of Return Managed Investment Portfolio vs. Benchmark 1 Managed Investment Portfolio vs. Benchmark 2	-0.66% 0.55%	-0.90% -0.28%	-0.17% -0.68%
Dollar Earnings Managed Investment Portfolio vs. Benchmark 1 Managed Investment Portfolio vs. Benchmark 2	(\$814,686) \$670,312	(\$2,418,752) (\$740,153)	(\$559,739) (\$2,277,963)

#### 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.

March 31, 2019	Quarter End	Fiscal Y-T-D	Prior Fiscal Year
Realized Gains/Losses	0	(814,622)	(1,051,444)
MV Adjustment for Period	854,409	100,886	(2,070,711)
Net Incr/(Decr) in fair value of investments	854,409	(713,736)	(3,122,155)

#### 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 (\$740,153). Since August 1992, the MIP's cumulative earnings were over the SBA by 31,608,089.

#### Note 4 – Effect of Unrealized Gains and Losses on Income

The district's MIP currently has an unrealized loss of \$518,320. This figure has been netted against interest income. If the district's bonds were priced at par (100) as of March 31, 2019, the district's cumulative earnings over the SBA would be \$32,126,409.

#### 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 \$136,148,231 in corporate assetbacked 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.

Investment Category	Market Value	Average Rating
Cash	\$123,479,262	AA-
Money Market Portfolio	\$64,658,379	P-1
US Agency CMOs	\$35,157,799	AAA
US Agency FR	\$82,038,765	AAA-
Corporate ABS	\$99,558,619	AAA
Corporate ABS FR	\$36,589,612	AAA
Other MBS Bonds	\$9,654,712	AAA
Other MBS Bonds FR	\$24,255,288	AAA
Portfolio	\$475,392,437	AAA-

#### **Credit Risk**

### **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 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

lssuer	Percent of Total	Market Value	Issuer Full Name
EX	25.97%	\$123,479,262	Exempt
CHESHA	5.23%	24,850,102	Chesham Finance LLC
GNMA	9.43%	44,812,512	Government National Mtge Assoc
FNMA	12.06%	57,334,276	Federal National Mtge Assoc
SBAD	9.25%	43,958,143	Small Business Administration
FORDF	6.30%	29,942,850	Ford Credit Floorplan Master O
HERTZ	7.03%	33,421,036	Hertz Vehicle Financing, LLC

#### Securities Where Issuer Represents More Than 5% of Portfolio

Issuer	CUSIP	Market Value	Description
CHESHA	16536JTQ0	24,850,101.60	CHESM 0% 06/19
FNMA	3138ELCN1	20,068,865.66	FN AL3676
GNMA	38380MNK3	19,612,861.46	GNR 2018-132 AH
HERTZ	42806DAY5	19,587,173.76	HERTZ 2016-3A A
SBAD	83165A7M0	16,143,791.26	SBA POOL 522500
FORDF	34528QEV2	15,017,850.00	FORDF 2016-3 A2
FORDF	34528QFD1	14,925,000.00	FORDF 2016-5 A1
HERTZ	42806DAU3	13,833,862.00	HERTZ 2016-2A
SBAD	83164MD22	13,456,021.81	SBA 510021
FNMA	3138ETD86	13,056,160.86	FN AL8226
FNMA	31347AVZ4	12,578,755.73	FH 840632
FNMA	3138EHM41	11,630,493.84	FN AL1278
SBAD	83164MKA6	10,799,266.01	SBA 510189
GNMA	38378NEY5	9,411,556.63	GNR 2013-162 AD
GNMA	38378XSA0	4,943,895.88	GNR 2014-143 AC
SBAD	83165AUC6	3,559,063.58	SBA POOL 522179
GNMA	38378N4C4	3,186,860.96	GNR 2014-70 AC
GNMA	38378KPU7	3,171,680.23	GNR 2013-73 A
GNMA	38376G3H1	2,961,700.90	GNR 2011-110 D
GNMA	38378NY56	1,523,955.50	GNR 2014-64 AC

#### **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 0.99 years, or 11.88months.

#### Floating/Adjustable Interest Rate Risk

The district currently has \$142,883,665 invested in securities with floating or adjustable interest rate risk. \$142,883,665 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 1.84% to 6.01%.

#### **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 5.52 years. The duration on the District's ABS/MBS bonds ranges from 0.2 years to 5.52 years.

Investment Category	Market Value	Mod. Dur.
Exempt	\$67,757,059	0.00
Investment Pool	\$55,722,203	0.00
Money Market Portfolio	\$64,658,379	0.17
US Agency CMOs	\$35,157,799	1.69
US Agency FR	\$82,038,765	2.63
Corporate ABS	\$99,558,619	0.72
Corporate ABS FR	\$36,589,612	0.50
Other MBS Bonds	\$9,654,712	1.18
Other MBS Bonds FR	\$24,255,288	0.58
Portfolio	\$475,392,437	0.99

#### **Interest Rate Risk**