

Quarterly Investment Report

September 30, 2021

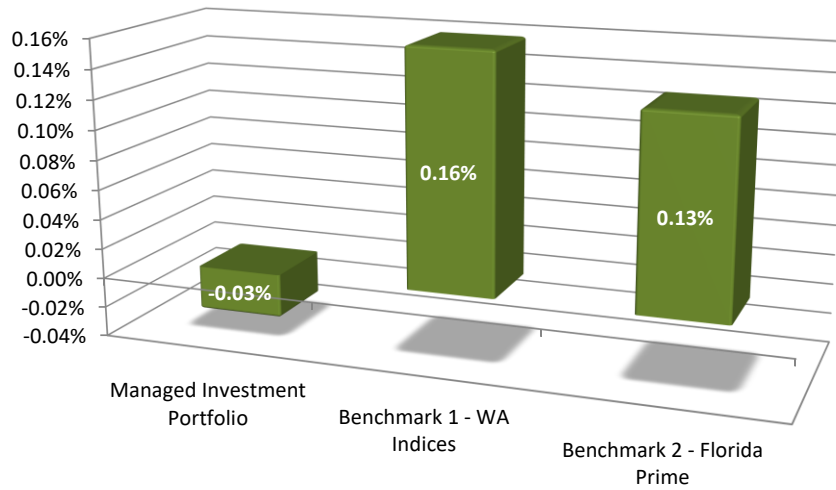


prepared by Cash Management Department

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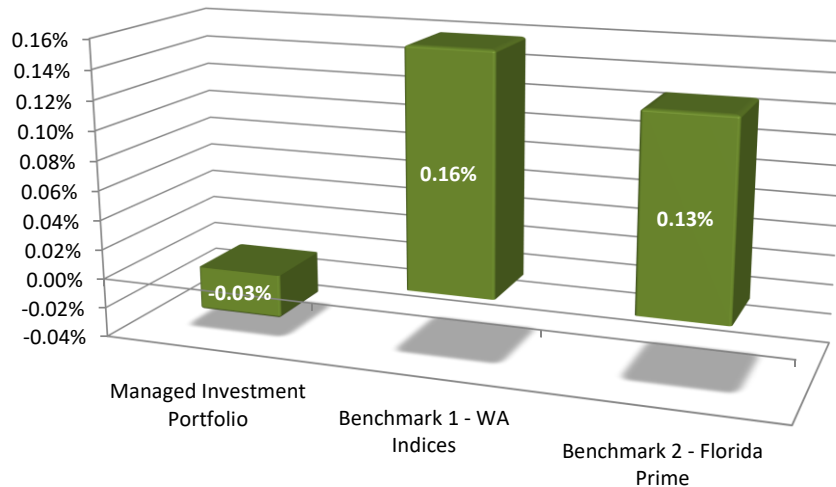
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Yield Comparison September 30, 2021



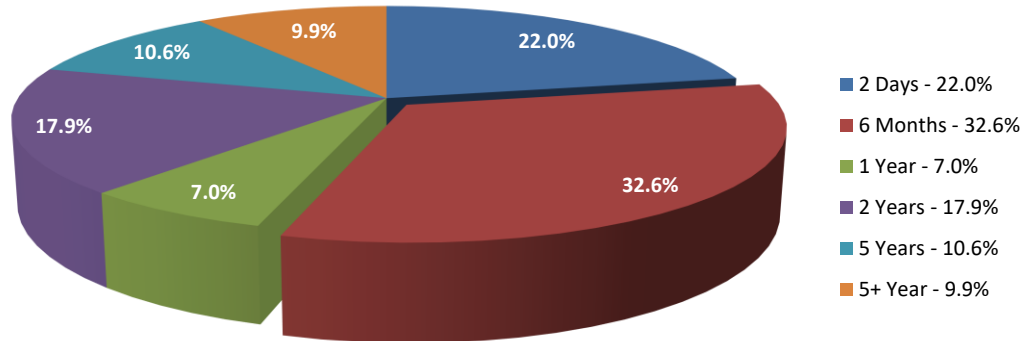
The yield on the district’s managed investment program was -0.03% for the quarter ended September 30, 2021.

Yield Comparison Year to Date through September 30, 2021



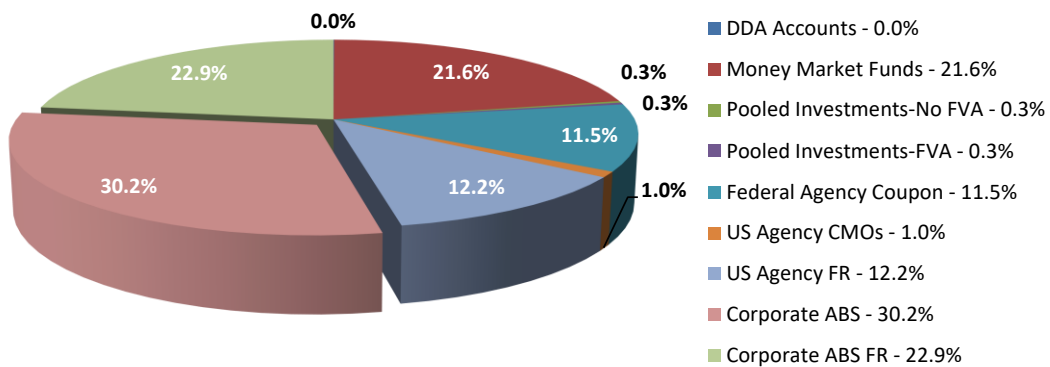
The yield on the district’s managed investment program was -0.03% for the fiscal year ended September 30, 2021.

Investments by Duration September 30, 2021



The above chart breaks down the duration of the district’s investment by time frame. The largest category, 6 months duration, represents liquid cash that can be accessed within 6 months. The other categories represent investments whose modified duration falls within that time frame.

Investments by Type September 30, 2021



The above chart breaks down the district’s portfolio by investment type. For example, the largest category is Corporate ABS representing 30.2% of the portfolio.

Portfolio Assets	9/30/21			6/30/21
Investment in U.S. Treasury and Agency Securities:				
Investments (securities at market value)	\$101,587,980			\$220,496,286
Other Pooled Investments	429,165			20,873,441
Accrued Interest Receivable and Prepaid Interest	105,575			363,445
Total U.S. Treasury and Agency Securities	\$102,122,720			\$241,733,172
Cash Investments				
Money market funds	28,296,254			51,795,516
Pooled Cash Investments	391,322			3,021,100
Bank accounts (DDA & MMA)	48,282			6,731,097
Total Cash Investments	\$28,735,858			\$61,547,713
Total Managed Investment Portfolio Value	\$130,858,578			\$303,280,885
	Quarter End	Y-T-D		Prior Year
	9/30/21	9/30/21		6/30/21
Portfolio Income				
Interest Earned				
U.S. Government Securities & Other Pooled Accounts	684,604	684,604		4,106,560
Money Market Funds	1,958	1,958		51,017
Bank Accounts	0	0		0
Total Interest Earned	686,561	686,561		4,157,577
Net increase/(decrease) in fair value of investments - Note 2	(704,109)	(704,109)		(3,465,410)
Total Managed Investment Portfolio Earnings	(\$17,547)	(\$17,547)		\$692,167
	Quarter End	Y-T-D		Prior Year
	9/30/21	9/30/21		6/30/21
Yield Comparison - Page 5				
<i>Managed Investment Portfolio</i>				
Annualized Rate of Return	-0.03%	-0.03%		0.17%
<i>Benchmark 1 - Weighted Average of Comparable Indices</i>				
Annualized Rate of Return	0.16%	0.16%		0.56%
Managed Investment Portfolio Yield vs. Benchmark 1	-0.19%	-0.19%		-0.39%
<i>Benchmark 2 - Florida Prime MMF (SBA LGIP)</i>				
Annualized Rate of Return	0.13%	0.13%		0.16%
Managed Investment Portfolio Yield vs. Benchmark 2	-0.16%	-0.16%		0.01%

Pinellas County Schools
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September 30, 2021
Total Investment Value

Security Description	CUSIP	Book Value	Market Value	Unrealized Gain/Loss	Prepaid & Accrued Interest	Total Investment Value	Rtg	Mod. Dur.	% of Port
Federal Agency Coupon									
FHLB1/4% 9/23	3130ALNG5	14,998,923	14,991,450	(7,473)	208	\$14,991,658	Aaa	1.99	11.5%
subtotal		\$14,998,923	\$14,991,450	(\$7,473)	\$208	\$14,991,658	AAA	1.99	11.5%
US Agency CMOs									
FNR 2013-126 DA	3136AHQR4	1,291,061	1,269,662	(21,399)	3,684	\$1,273,346	AAA	0.24	1.0%
GNR 2013-33 A	38378B7C7	31	32	1	0	\$32	AAA	0.47	0.0%
subtotal		\$1,291,092	\$1,269,694	(\$21,398)	\$3,684	\$1,273,378	AAA	0.24	1.0%
US Agency FR									
SBA 522638	83165BEK4	8,782,123	8,678,284	(103,839)	40,759	\$8,719,042	AAA	0.88	6.6%
FHMS KF53 A	3137FJY29	7,269,335	7,249,223	(20,112)	569	\$7,249,791	AAA	2.83	5.5%
subtotal		\$16,051,458	\$15,927,506	(\$123,952)	\$41,327	\$15,968,833	AAA	1.77	12.2%
Corporate ABS									
CAALT 2020-3A A	22536BAA0	8,421,734	8,382,796	(38,939)	4,580	\$8,387,375	Aaa	1.64	6.4%
DRIVE 2018-2	26208JAG8	15,070,310	14,934,570	(135,739)	27,059	\$14,961,629	Aaa	0.45	11.4%
OMFIT 2018-1A	68267BAA8	5,561,020	5,501,584	(59,436)	8,552	\$5,510,136	AAA	0.25	4.2%
SCLP 2019-2 B	83406CAB5	5,969,089	5,882,408	(86,681)	3,143	\$5,885,551	AAA	0.32	4.5%
TMCAT 2020-AA	88641WAB5	4,829,968	4,814,365	(15,603)	2,966	\$4,817,332	AAA	0.22	3.7%
subtotal		\$39,852,121	\$39,515,723	(\$336,398)	\$46,300	\$39,562,023	AAA	0.63	30.2%
Corporate ABS FR									
NMOTR 2019-A A	65474VAQ4	10,295,478	10,279,699	(15,778)	2,936	\$10,282,635	Aaa	0.38	7.9%
NSLT 2004-4 A5	64031QBK6	6,615,876	6,610,193	(5,684)	3,548	\$6,613,740	AAA	2.89	5.1%
SLMA 2006-10 A6	78443BAG1	13,054,532	12,993,716	(60,817)	6,823	\$13,000,538	Aa1	8.10	9.9%
subtotal		\$29,965,886	\$29,883,607	(\$82,279)	\$13,306	\$29,896,913	AAA-	4.29	22.9%

Pinellas County Schools
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September 30, 2021
Total Investment Value

Security Description	CUSIP	Book Value	Market Value	Unrealized Gain/Loss	Prepaid & Accrued Interest	Total Investment Value	Rtg	Mod. Dur.	% of Port
Cash, MMFs, & Investment Pools									
Bank Accounts ¹	N/A	48,282	48,282	0	0	48,282	BBB	1d	0.0%
Money Market Funds ¹	N/A	28,297,017	28,296,254	(763)	750	28,297,004	Aaamf	0.2	21.6%
Pooled Investments-No FVA ¹	N/A	391,322	391,322	0	0	391,322	Aaamf	0.28	0.3%
Pooled Investments-FVA	N/A	429,165	429,165	0	0	429,165	Aaamf	0.58	0.3%
subtotal		\$29,165,786	\$29,165,022	(\$763)	\$750	\$29,165,773	AAA	0.19	22.3%
Managed Investment Program		\$131,325,265	\$130,753,003	(\$572,263)	\$105,575	\$130,858,578	AAA-	1.66	

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

-0.44%

	Quarter End 9/30/21	Y-T-D 9/30/21	Prior Year 6/30/21
Average Invested Value of Managed Investment Portfolio	\$216,019,292	\$216,019,292	\$417,092,349
Managed Investment Portfolio Yield			
Total Managed Investment Portfolio Earnings	(\$17,547)	(\$17,547)	\$692,167
<i>Managed Investment Portfolio Annualized Rate Of Return</i>	-0.03%	-0.03%	0.17%
Benchmark 1 - Weighted Average of Comparable Indices			
Pro Forma Interest Earnings:			
Quarter Ended 6/30/22			2,325,812
Quarter Ended 3/31/22			
Quarter Ended 12/31/21			
Quarter Ended 9/30/21	88,343	88,343	
Total Pro Forma Benchmark 1 Earnings	\$88,343	\$88,343	\$2,325,812
<i>Benchmark 1 Annualized Rate Of Return</i>	0.16%	0.16%	0.56%
Benchmark 2 - Florida Prime (SBA LGIP)			
Pro Forma Interest Earnings:			
Quarter Ended 6/30/22			650,107
Quarter Ended 3/31/22			
Quarter Ended 12/31/21			
Quarter Ended 9/30/21	70,932	70,932	
Total Pro Forma Benchmark 2 Earnings	\$70,932	\$70,932	\$650,107
<i>Benchmark 2 Annualized Rate Of Return</i>	0.13%	0.13%	0.16%
Earnings Comparison			
<i>Annualized Rate of Return</i>			
Managed Investment Portfolio vs. Benchmark 1	-0.19%	-0.19%	-0.39%
Managed Investment Portfolio vs. Benchmark 2	-0.16%	-0.16%	0.01%
<i>Dollar Earnings</i>			
Managed Investment Portfolio vs. Benchmark 1	(\$105,891)	(\$105,891)	(\$1,633,645)
Managed Investment Portfolio vs. Benchmark 2	(\$88,480)	(\$88,480)	\$42,060

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.

September 30, 2021	<u>Quarter End</u>	<u>Fiscal Y-T-D</u>	<u>Prior Fiscal Year</u>
Realized Gains/Losses	(595,242)	(595,242)	102,947
MV Adjustment for Period	(108,867)	(108,867)	(863,457)
Net Incr/(Decr) in fair value of investments	<u>(704,109)</u>	<u>(704,109)</u>	<u>(760,511)</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 (\$88,480). For the year-to-date plus the prior four fiscal years, the MIP’s cumulative earnings were over the SBA by (1,672,199).

Note 4 – Effect of Unrealized Gains and Losses on Income

The district’s MIP currently has an unrealized loss of \$572,263. This figure has been netted against interest income. If the district’s bonds were priced at par (100) as of September 30, 2021, the district’s cumulative earnings over the SBA would be -\$1,099,936 for the current five-year period.

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 \$69,399,330 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	\$48,282	Baa
Money Market Fund	\$28,296,254	AAA
Pooled Investments-No FVA	\$391,322	AAA
Pooled Investments-FVA	\$429,165	AAA
Federal Agency Coupon	\$14,991,450	AAA
US Agency CMOs	\$1,269,694	AAA
US Agency FR	\$15,927,506	AAA
Corporate ABS	\$39,515,723	AAA
Corporate ABS FR	\$29,883,607	AAA-
Portfolio	\$130,753,003	AAA-

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	22.31%	29,165,022	Exempt
FHLB	11.47%	14,991,450	Federal Home Loan Bank
SBA	6.64%	8,678,284	State Board of Administration
FHMS	5.54%	7,249,223	FHLMC Multifamily Structured P
CAALT	6.41%	8,382,796	CREDIT ACCEPTANCE AUTO LOAN TR
DRIVE	11.42%	14,934,570	Drive Financial Services
NMOTR	7.86%	10,279,699	NISSAN MASTER OWNER TRUST
NSLT	5.06%	6,610,193	Nelnet Student Loan Trust
SLMA	9.94%	12,993,716	Student Loan Mrktg Assoc

Securities Where Issuer Represents More Than 5% of Portfolio

Issuer	CUSIP	Market Value	Description
FHLB	3130ALNG5	14,991,450.00	FHLB1/4% 9/23
DRIVE	26208JAG8	14,934,570.14	DRIVE 2018-2
SLMA	78443BAG1	12,993,715.56	SLMA 2006-10 A6
NMOTR	65474VAQ4	10,279,699.20	NMOTR 2019-A A
SBA	83165BEK4	8,678,283.51	SBA 522638
CAALT	22536BAA0	8,382,795.60	CAALT 2020-3A A
FHMS	3137FJY29	7,249,222.83	FHMS KF53 A
NSLT	64031QBK6	6,610,192.59	NSLT 2004-4 A5

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 1.66 years, or 19.92months.

Floating/Adjustable Interest Rate Risk

The district currently has \$38,561,891 invested in securities with floating or adjustable interest rate risk. \$38,561,891 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 0.28% to 3.14%.

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 8.12 years. The duration on the District's ABS/MBS bonds ranges from 0.22 years to 8.12 years.

Interest Rate Risk

Investment Category	Market Value	Mod. Dur.
Exempt	\$28,344,535	0.18
Pooled Investments-No FVA	\$391,322	0.28
Pooled Investments-FVA	\$429,165	0.58
Federal Agency Coupon	\$14,991,450	1.99
US Agency CMOs	\$1,269,694	0.24
US Agency FR	\$15,927,506	1.77
Corporate ABS	\$39,515,723	0.63
Corporate ABS FR	\$29,883,607	4.30
Portfolio	\$130,753,003	1.66