

Quarterly Investment Report

June 30, 2022

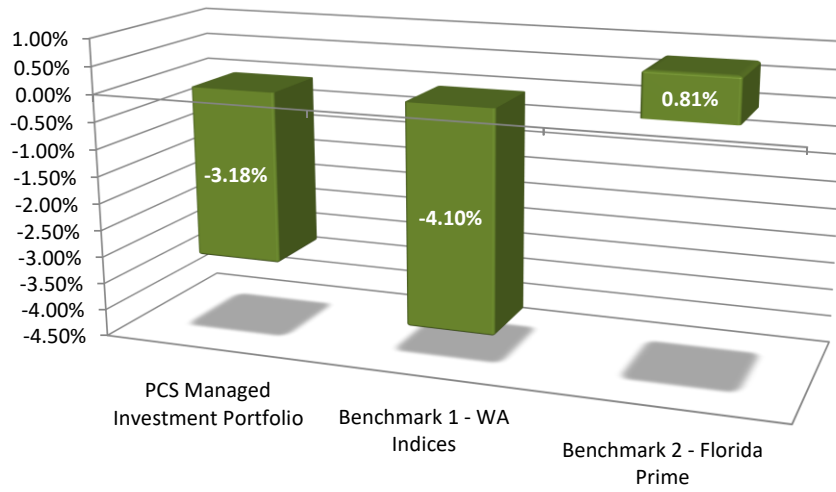


prepared by Cash Management Department

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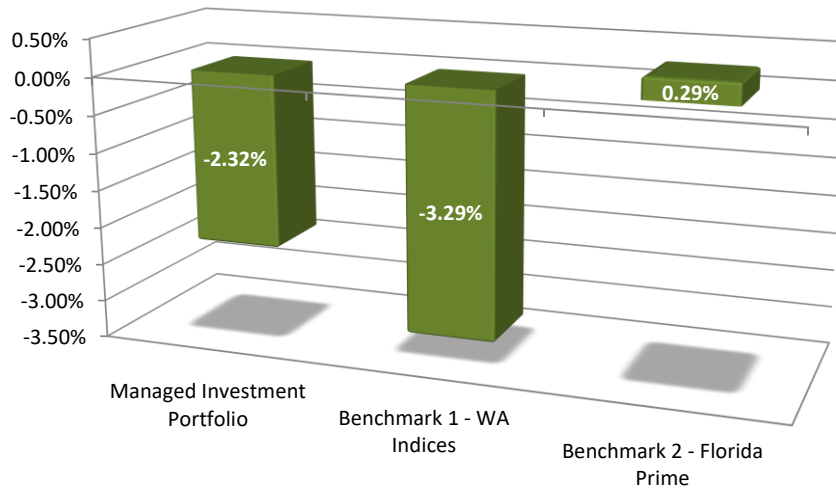
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Yield Comparison June 30, 2022



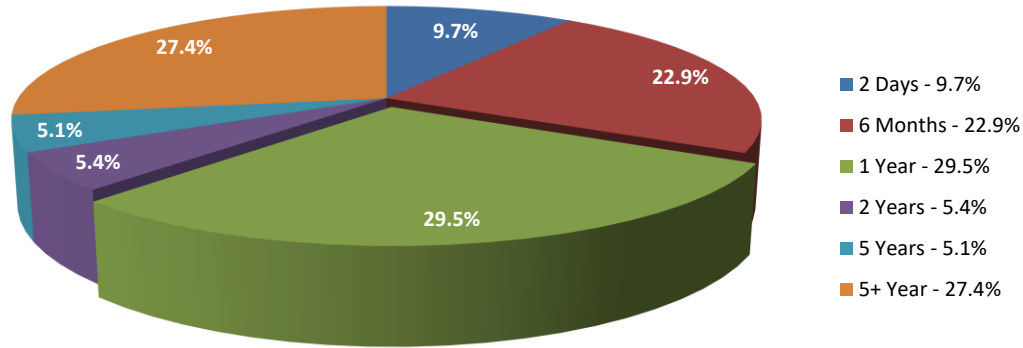
The yield on the district’s managed investment program was -3.18% for the quarter ended June 30, 2022.

Yield Comparison Year to Date through June 30, 2022



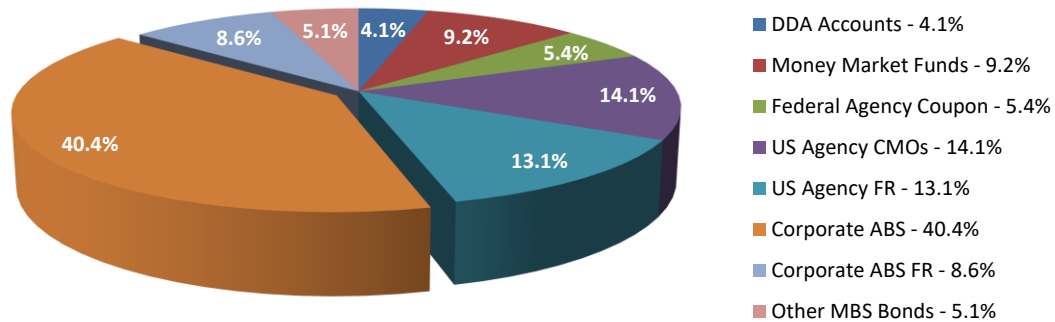
The yield on the district’s managed investment program was -2.32% for the fiscal year ended June 30, 2022.

Investments by Duration June 30, 2022



The above chart breaks down the duration of the district’s investment by time frame. The largest category, 1 year duration, represents liquid cash that can be accessed within 1 year. The other categories represent investments whose modified duration falls within that time frame.

Investments by Type June 30, 2022



The above chart breaks down the district’s portfolio by investment type. For example, the largest category is Corporate Asset Backed Securities (ABS) representing 40% of the portfolio.

Portfolio Assets	6/30/22			6/30/21
Investment in U.S. Treasury and Agency Securities:				
Investments (securities at market value)	\$233,679,993			\$220,496,286
Other Pooled Investments	0			20,873,441
Accrued Interest Receivable and Prepaid Interest	417,843			363,445
Total U.S. Treasury and Agency Securities	\$234,097,836			\$241,733,172
Cash Investments				
Money market funds	24,627,959			51,795,516
Pooled Cash Investments	0			3,021,100
Bank accounts (DDA & MMA)	11,051,038			6,731,097
Total Cash Investments	\$35,678,998			\$61,547,713
Total Managed Investment Portfolio Value	\$269,776,834			\$303,280,885
	Quarter End	Y-T-D		Prior Year
	6/30/22	6/30/22		6/30/21
Portfolio Income				
Interest Earned				
U.S. Government Securities & Other Pooled Accounts	1,338,366	3,409,912		4,106,560
Money Market Funds	68,575	110,531		51,017
Bank Accounts	0	0		0
Total Interest Earned	1,406,941	3,520,444		4,157,577
Net increase/(decrease) in fair value of investments - Note 2	(4,560,898)	(13,126,138)		(3,465,410)
Total Managed Investment Portfolio Earnings	(\$3,153,957)	(\$9,605,694)		\$692,167
	Quarter End	Y-T-D		Prior Year
	6/30/22	6/30/22		6/30/21
Yield Comparison - Page 5				
<i>Managed Investment Portfolio</i>				
Annualized Rate of Return	-3.18%	-2.32%		0.17%
<i>Benchmark 1 - Weighted Average of Comparable Indices</i>				
Annualized Rate of Return	-4.10%	-3.29%		0.56%
Managed Investment Portfolio Yield vs. Benchmark 1	0.92%	0.97%		-0.39%
<i>Benchmark 2 - Florida Prime MMF (SBA LGIP)</i>				
Annualized Rate of Return	0.81%	0.29%		0.16%
Managed Investment Portfolio Yield vs. Benchmark 2	-3.99%	-2.61%		0.01%

Pinellas County Schools
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June 30, 2022
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	14,999,328	14,542,950	(456,378)	9,583	\$14,552,533	Aaa	1.23	5.4%
subtotal		\$14,999,328	\$14,542,950	(\$456,378)	\$9,583	\$14,552,533	AAA	1.23	5.4%
US Agency CMOs									
GNR 2013-33 A	38378B7C7	13	13	0	0	\$13	AAA	0.00	0.0%
GNR 2021-177 LJ	38383CFU9	23,588,890	20,200,840	(3,388,050)	19,707	\$20,220,546	AAA	5.58	7.5%
GNR 2021-215 PG	38383DZ92	19,485,543	17,841,945	(1,643,599)	28,187	\$17,870,132	AAA	5.39	6.6%
subtotal		\$43,074,446	\$38,042,797	(\$5,031,649)	\$47,894	\$38,090,691	AAA	5.49	14.1%
US Agency FR									
SBA 530040 Mtge	8316A0BJ8	19,622,849	19,186,078	(436,772)	95,632	\$19,281,710	AAA	0.87	7.1%
SBA 530078	8316A0CQ1	16,061,877	16,042,928	(18,949)	104,481	\$16,147,409	AAA	0.98	6.0%
subtotal		\$35,684,726	\$35,229,006	(\$455,720)	\$200,113	\$35,429,119	AAA	0.92	13.1%
Corporate ABS									
SDART 2021-2 B	80286XAD6	11,651,000	11,483,109	(167,891)	3,055	\$11,486,164	Aaa	0.40	4.3%
ACAR 2021-1 B	02528BAC8	4,443,719	4,435,507	(8,212)	1,356	\$4,436,863	AAA	0.00	1.6%
AESOP 2017-1A A	05377RCQ5	6,845,975	6,804,488	(41,487)	6,379	\$6,810,867	Aaa	0.00	2.5%
CAALT 2020-3A A	22536BAA0	8,411,310	8,093,525	(317,786)	4,580	\$8,098,104	Aaa	0.89	3.0%
CAALT 2019-3A	22535KAA1	3,699,736	3,668,418	(31,318)	3,885	\$3,672,303	AAA	0.00	1.4%
CARMX 2020-1 A3	14315XAC2	9,418,117	9,268,332	(149,785)	7,846	\$9,276,178	AAA	0.56	3.4%
EART 2019-3A D	30167EAD7	13,386,074	13,005,570	(380,505)	18,093	\$13,023,663	Aaa	0.74	4.8%
EART 2021-2A B	30165XAD7	17,132,631	16,909,738	(222,894)	4,350	\$16,914,088	Aaa	0.42	6.3%
HART 2019-A A4	44932NAE0	17,023,530	16,795,918	(227,612)	20,222	\$16,816,140	AAA	0.27	6.2%
SCFET 2020-1A A	784054AC2	6,143,483	6,081,092	(62,391)	2,231	\$6,083,322	Aaa	0.69	2.3%
SDART 2021-1 C	80286NAF3	8,044,930	7,869,746	(175,183)	2,688	\$7,872,435	Aaa	0.66	2.9%
WLAKE 2020-2A B	96042PAD4	4,446,372	4,436,021	(10,351)	2,607	\$4,438,628	AAA	0.17	1.6%
subtotal		\$110,646,877	\$108,851,463	(\$1,795,414)	\$77,292	\$108,928,755	AAA	0.44	40.4%

Pinellas County Schools
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June 30, 2022
Total Investment Value

Security Description	CUSIP	Book Value	Market Value	Unrealized Gain/Loss	Prepaid & Accrued Interest	Total Investment Value	Rtg	Mod. Dur.	% of Port
Corporate ABS FR									
GCOE 2007-1A A7	36156YAQ4	12,088,334	12,019,190	(69,144)	20,984	\$12,040,174	Aaa	0.34	4.5%
SLMA 2006-10 A6	78443BAG1	11,811,879	11,180,316	(631,563)	29,898	\$11,210,214	Aa1	6.46	4.2%
subtotal		\$23,900,213	\$23,199,505	(\$700,707)	\$50,882	\$23,250,387	AAA-	3.29	8.6%
Other MBS Bonds									
GNR 2021-222 AD	38381EKK3	15,438,516	13,814,272	(1,624,244)	20,062	\$13,834,334	AAA	3.63	5.1%
subtotal		\$15,438,516	\$13,814,272	(\$1,624,244)	\$20,062	\$13,834,334	AAA	3.63	5.1%
Cash, MMFs, & Investment Pools									
Bank Accounts ¹	N/A	11,051,038	11,051,038	0	0	11,051,038	NR	1d	4.1%
Money Market Funds ¹	N/A	24,647,999	24,627,959	(20,040)	12,017	24,639,976	Aaamf	67d	9.1%
Pooled Investments-No FVA ¹	N/A	0	0	0	0	0		0	0.0%
Pooled Investments-FVA	N/A	0	0	0	0	0		0	0.0%
subtotal		\$35,699,037	\$35,678,998	(\$20,040)	\$12,017	\$35,691,015	AA+	0.18	13.2%
Managed Investment Program		\$279,443,143	\$269,358,990	(\$10,084,153)	\$417,843	\$269,776,834	AAA-	1.63	

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

-3.74%

	Quarter End 6/30/22	Y-T-D 6/30/22	Prior Year 6/30/21
Average Invested Value of Managed Investment Portfolio	\$397,829,388	\$414,263,396	\$417,092,349
Managed Investment Portfolio Yield			
Total Managed Investment Portfolio Earnings	(\$3,153,957)	(\$9,605,694)	\$692,167
<i>Managed Investment Portfolio Annualized Rate Of Return</i>	-3.18%	-2.32%	0.17%
Benchmark 1 - Weighted Average of Comparable Indices			
Pro Forma Interest Earnings:			
Quarter Ended 6/30/22	(4,066,472)	(4,066,472)	2,325,812
Quarter Ended 3/31/22		(9,128,412)	
Quarter Ended 12/31/21		(527,804)	
Quarter Ended 9/30/21		88,343	
Total Pro Forma Benchmark 1 Earnings	(\$4,066,472)	(\$13,634,345)	\$2,325,812
<i>Benchmark 1 Annualized Rate Of Return</i>	-4.10%	-3.29%	0.56%
Benchmark 2 - Florida Prime (SBA LGIP)			
Pro Forma Interest Earnings:			
Quarter Ended 6/30/22	804,481	804,481	650,107
Quarter Ended 3/31/22		255,572	
Quarter Ended 12/31/21		71,122	
Quarter Ended 9/30/21		70,932	
Total Pro Forma Benchmark 2 Earnings	\$804,481	\$1,202,108	\$650,107
<i>Benchmark 2 Annualized Rate Of Return</i>	0.81%	0.29%	0.16%
Earnings Comparison			
<i>Annualized Rate of Return</i>			
Managed Investment Portfolio vs. Benchmark 1	0.92%	0.97%	-0.39%
Managed Investment Portfolio vs. Benchmark 2	-3.99%	-2.61%	0.01%
<i>Dollar Earnings</i>			
Managed Investment Portfolio vs. Benchmark 1	\$912,515	\$4,028,651	(\$1,633,645)
Managed Investment Portfolio vs. Benchmark 2	(\$3,958,438)	(\$10,807,802)	\$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.

June 30, 2022	<u>Quarter End</u>	<u>Fiscal Y-T-D</u>	<u>Prior Fiscal Year</u>
Realized Gains/Losses	(1,176,250)	(2,216,899)	102,947
MV Adjustment for Period	(3,384,648)	(10,909,238)	(863,457)
Net Incr/(Decr) in fair value of investments	<u>(4,560,898)</u>	<u>(13,126,138)</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 (\$10,807,802). For the year-to-date plus the prior four fiscal years, the MIP’s cumulative earnings were over the SBA by (12,391,521).

Note 4 – Effect of Unrealized Gains and Losses on Income

The district’s MIP currently has an unrealized loss of \$10,084,153. This figure has been netted against interest income. If the district’s bonds were priced at par (100) as of June 30, 2022, the district’s cumulative earnings over the SBA would be -\$2,307,369 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 \$132,050,969 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	\$11,051,038	#N/A
Money Market Fund	\$24,627,959	AAA
Federal Agency Coupon	\$14,542,950	AAA
US Agency CMOs	\$38,042,797	AAA
US Agency FR	\$35,229,006	AAA
Corporate ABS	\$108,851,463	AAA
Corporate ABS FR	\$23,199,505	AAA-
Other MBS Bonds	\$13,814,272	AAA
Portfolio	\$269,358,990	#N/A

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	13.25%	35,678,998	Exempt
FHLB	5.40%	14,542,950	Federal Home Loan Bank
GNMA	19.25%	51,857,068	Government National Mtge Assoc
SBA	13.08%	35,229,006	State Board of Administration
SDART	7.18%	19,352,855	Santander Drive Auto Rec Trust
EART	11.11%	29,915,307	Exeter Automobile Receivables
HART	6.24%	16,795,918	Hyundai Auto Receivables Trust

Securities Where Issuer Represents More Than 5% of Portfolio

Issuer	CUSIP	Market Value	Description
SDART	80286XAD6	11,483,109.09	SDART 2021-2 B
SDART	80286NAF3	7,869,746.35	SDART 2021-1 C
SBA	8316A0BJ8	19,186,077.78	SBA 530040 Mtge
SBA	8316A0CQ1	16,042,928.02	SBA 530078
HART	44932NAE0	16,795,918.21	HART 2019-A A4
GNMA	38383CFU9	20,200,839.57	GNR 2021-177 LJ
GNMA	38383DZ92	17,841,944.51	GNR 2021-215 PG
GNMA	38381EKK3	13,814,271.60	GNR 2021-222 AD
FHLB	3130ALNG5	14,542,950.00	FHLB1/4% 9/23
EART	30165XAD7	16,909,737.91	EART 2021-2A B
EART	30167EAD7	13,005,569.50	EART 2019-3A D

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 1.63 years, or 19.56 months.

Floating/Adjustable Interest Rate Risk

The district currently has \$58,428,511 invested in securities with floating or adjustable interest rate risk. \$58,428,511 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 1.33% to 3.13%.

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 69 years. The duration on the District's ABS/MBS bonds ranges from 0.17 years to 6.46 years.

Interest Rate Risk

Investment Category	Market Value	Mod. Dur.
Exempt	\$35,678,998	0.13
Federal Agency Coupon	\$14,542,950	1.23
US Agency CMOs	\$38,042,797	5.49
US Agency FR	\$35,229,006	0.92
Corporate ABS	\$108,851,463	0.44
Corporate ABS FR	\$23,199,505	3.29
Other MBS Bonds	\$13,814,272	3.63
Portfolio	\$269,358,990	1.63