

# Quarterly Investment Report

June 30, 2014

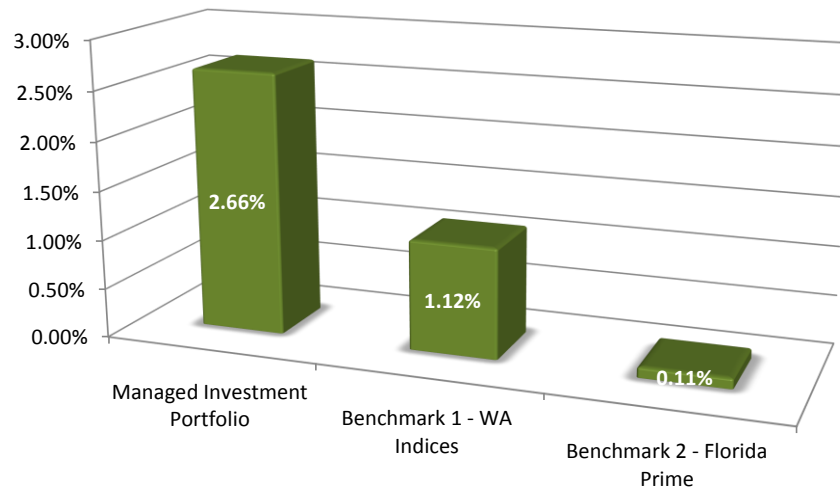


Prepared by the Cash Management Department

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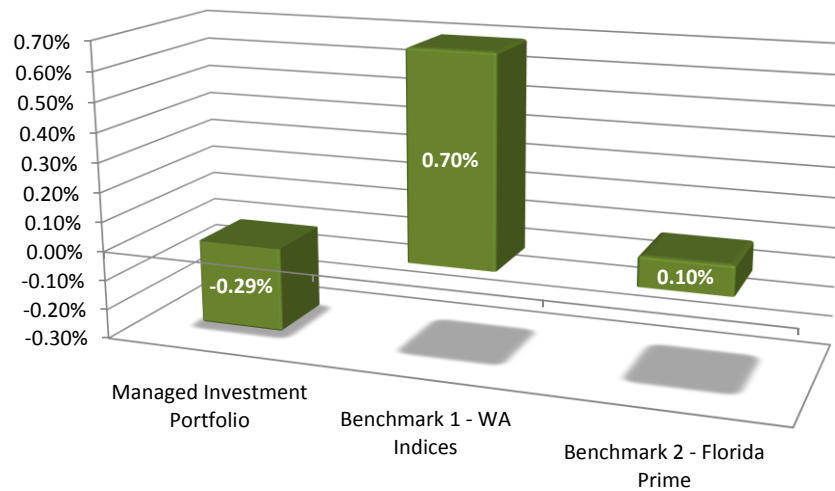
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### Yield Comparison Current Quarter



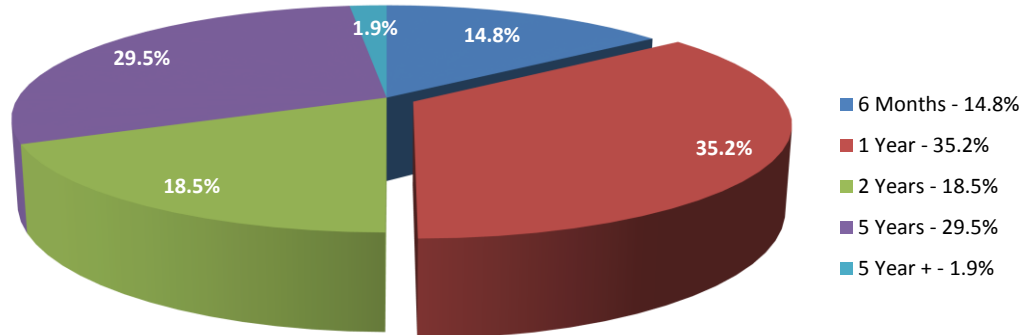
The yield on the district's managed investment program was 2.66% for the quarter ended June 30, 2014.

### Yield Comparison Year to Date



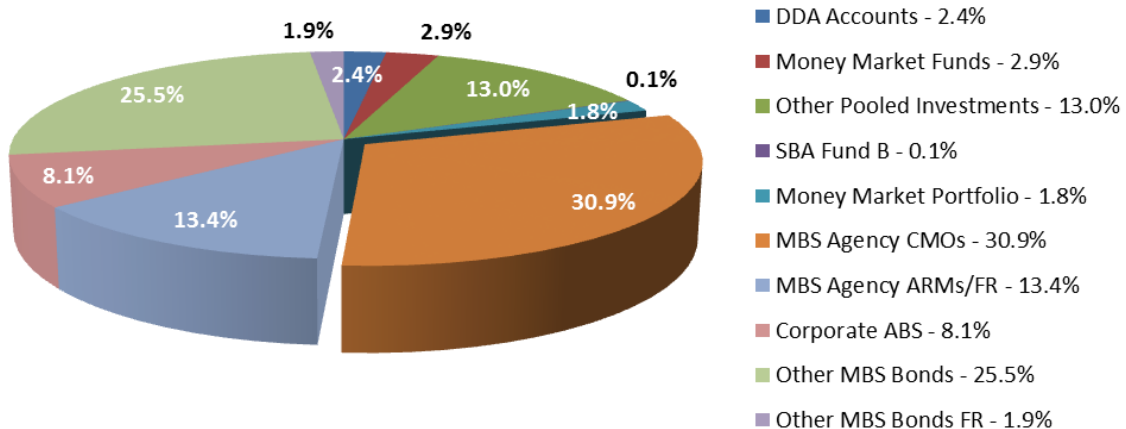
The yield on the district's managed investment program was a negative 0.29% for the fiscal year ended June 30, 2014.

### Investments by Duration June 30, 2014



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, 2014



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 30.9% of the portfolio.

| <b>Portfolio Assets</b>                                       | <b>6/30/14</b>       |                      |  | <b>6/30/13</b>       |
|---|----------------------|----------------------|--|----------------------|
| Investment in U.S. Treasury and Agency Securities:            |                      |                      |  |                      |
| Investments (securities at market value)                      | \$226,091,853        |                      |  | \$249,912,713        |
| Other Pooled Investments                                      | 36,089,339           |                      |  | 26,319,979           |
| State Board of Administration Fund B                          | 226,295              |                      |  | 589,726              |
| Accrued Interest Receivable and Prepaid Interest              | 554,475              |                      |  | 621,244              |
| <b>Total U.S. Treasury and Agency Securities</b>              | <b>\$262,961,961</b> |                      |  | <b>\$277,443,662</b> |
| Cash Investments  |                      |                      |  |                      |
| Money market funds  | 8,172,755            |                      |  | 35,660,687           |
| Bank accounts (DDA & MMA)                                     | 6,532,907            |                      |  | 4,432,255            |
| <b>Total Cash Investments</b>                                 | <b>\$14,705,662</b>  |                      |  | <b>\$40,092,942</b>  |
| <b>Total Managed Investment Portfolio Value</b>               | <b>\$277,667,623</b> |                      |  | <b>\$317,536,604</b> |
|   | <b>Quarter End</b>   | <b>Y-T-D</b>         |  | <b>Prior Year</b>    |
|   | <b>6/30/14</b>       | <b>6/30/14</b>       |  | <b>6/30/13</b>       |
| <b>Portfolio Income</b>                                       |                      |                      |  |                      |
| Interest Earned   |                      |                      |  |                      |
| U.S. Government Securities & Other Pooled Accounts            | 2,367,077            | 7,940,245            |  | 7,913,641            |
| Money Market Funds  | 4,159                | 19,305               |  | 28,906               |
| Bank Accounts   | 9,622                | 34,981               |  | 39,667               |
| <b>Total Interest Earned</b>                                  | <b>2,380,858</b>     | <b>7,994,531</b>     |  | <b>7,982,215</b>     |
| Net increase/(decrease) in fair value of investments - Note 2 | 213,614              | (9,277,556)          |  | (9,105,286)          |
| <b>Total Managed Investment Portfolio Earnings</b>            | <b>\$2,594,473</b>   | <b>(\$1,283,025)</b> |  | <b>(\$1,123,071)</b> |
|   | <b>Quarter End</b>   | <b>Y-T-D</b>         |  | <b>Prior Year</b>    |
|   | <b>6/30/14</b>       | <b>6/30/14</b>       |  | <b>6/30/13</b>       |
| <b>Yield Comparison - Page 5</b>                              |                      |                      |  |                      |
| <i>Managed Investment Portfolio</i>                           |                      |                      |  |                      |
| Annualized Rate of Return                                     | 2.66%                | -0.29%               |  | -0.36%               |
| <i>Benchmark 1 - Weighted Average of Comparable Indices</i>   |                      |                      |  |                      |
| Annualized Rate of Return                                     | 1.12%                | 0.70%                |  | -0.05%               |
| <b>Managed Investment Portfolio Yield vs. Benchmark 1</b>     | <b>1.54%</b>         | <b>-0.99%</b>        |  | <b>-0.31%</b>        |
| <i>Benchmark 2 - Florida Prime MMF (SBA LGIP)</i>             |                      |                      |  |                      |
| Annualized Rate of Return                                     | 0.11%                | 0.10%                |  | 0.24%                |
| <b>Managed Investment Portfolio Yield vs. Benchmark 2</b>     | <b>2.55%</b>         | <b>-0.39%</b>        |  | <b>-0.60%</b>        |

Pinellas County Schools  
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June 30, 2014  
Total Investment Value

| Security Description                 | CUSIP     | Book Value   | Market Value | Unrealized Gain/Loss | Prepaid & Accrued Interest | Total Investment Value | Rtg | Mod. Dur. |
|--------------------------------------|-----------|--------------|--------------|----------------------|----------------------------|------------------------|-----|-----------|
| <b>Money Market Portfolio - 1.8%</b> |           |              |              |                      |                            |                        |     |           |
| US Treasury                          | 912828LK4 | 5,019,137    | 5,019,137    | 0                    | 39,691                     | \$5,058,827            | AAA | 0.17      |
| subtotal                             |           | \$5,019,137  | \$5,019,137  | \$0                  | \$39,691                   | \$5,058,827            | 0.0 | 0.17      |
| <b>MBS Agency CMOs - 30.9%</b>       |           |              |              |                      |                            |                        |     |           |
| FHR 3986 TC                          | 3137AKBY6 | 5,858,515    | 5,770,220    | (88,295)             | 9,471                      | \$5,779,691            | AAA | 2.55      |
| FHR 4039 JA                          | 3137AQNA2 | 4,548,620    | 4,306,437    | (242,183)            | 5,700                      | \$4,312,137            | AAA | 5.36      |
| FHR 4165-CA                          | 3137AYQY0 | 8,049,366    | 7,808,611    | (240,756)            | 8,335                      | \$7,816,946            | AAA | 2.64      |
| FNR 12-90 DA                         | 3136A7RE4 | 16,775,399   | 15,817,806   | (957,593)            | 20,742                     | \$15,838,549           | AAA | 2.17      |
| FNR 12-138 MA                        | 3136AAFH3 | 13,259,575   | 12,084,273   | (1,175,302)          | 10,835                     | \$12,095,108           | AAA | 1.87      |
| FNR 12-117 DA                        | 3136A8P20 | 21,513,686   | 18,757,270   | (2,756,416)          | 26,642                     | \$18,783,912           | AAA | 1.14      |
| FNR 04-8 GD                          | 31393XDU8 | 7,066,133    | 6,905,299    | (160,833)            | 25,251                     | \$6,930,551            | AAA | 0.84      |
| GNR 08-38 PS                         | 38375QGZ6 | 551,220      | 532,115      | (19,105)             | 1,538                      | \$533,653              | AAA | 0.65      |
| GNR 10-161 AB                        | 38376GZA1 | 9,849,019    | 9,705,642    | (143,377)            | 16,836                     | \$9,722,479            | AAA | 1.57      |
| GNR 10-52 AE                         | 38376GGU8 | 261,963      | 252,353      | (9,610)              | 854                        | \$253,206              | AAA | 0.56      |
| GNR 13-26 GA                         | 38378JBV3 | 1,347,042    | 1,347,156    | 113                  | 1,944                      | \$1,349,100            | AAA | 1.96      |
| GNR 04-10 D                          | 38373MKT6 | 556,528      | 534,495      | (22,033)             | 2,334                      | \$536,829              | AAA | 0.09      |
| GNR 10-118 b                         | 38376GUR9 | 754,956      | 744,714      | (10,242)             | 1,742                      | \$746,456              | AAA | 0.24      |
| GNR 10-167 KW                        | 38377NUW2 | 982,315      | 972,309      | (10,006)             | 3,924                      | \$976,233              | AAA | 0.67      |
| subtotal                             |           | \$91,374,337 | \$85,538,700 | (\$5,835,638)        | \$136,149                  | \$85,674,849           | 0.0 | 1.89      |
| <b>MBS Agency ARMs/FR - 13.4%</b>    |           |              |              |                      |                            |                        |     |           |
| FNR 07-114 A6                        | 31396X3Q5 | 1,995,000    | 1,995,360    | 360                  | 57                         | \$1,995,417            | AAA | 2.74      |
| G2 82577                             | 36225E2K7 | 3,087,582    | 3,097,997    | 10,414               | 7,334                      | \$3,105,330            | AAA | 3.45      |
| G2 82518                             | 36225EYQ9 | 17,031,617   | 16,978,679   | (52,938)             | 47,002                     | \$17,025,682           | AAA | 3.34      |
| G2 82579                             | 36225E2M3 | 5,580,301    | 5,580,803    | 502                  | 15,418                     | \$5,596,222            | AAA | 3.43      |
| G2 82462                             | 36225EWY4 | 2,533,753    | 2,553,057    | 19,305               | 7,038                      | \$2,560,096            | AAA | 3.40      |
| G2 82539                             | 36225EZD7 | 3,216,275    | 3,208,012    | (8,263)              | 9,476                      | \$3,217,488            | AAA | 3.54      |
| G2 82558                             | 36225EZY1 | 3,796,333    | 3,809,809    | 13,476               | 11,185                     | \$3,820,994            | AAA | 3.04      |
| subtotal                             |           | \$37,240,862 | \$37,223,717 | (\$17,144)           | \$97,511                   | \$37,321,229           | 0.0 | 3.32      |
| <b>Corporate ABS - 8.1%</b>          |           |              |              |                      |                            |                        |     |           |
| CHAIT 12-A3 A3                       | 161571FJ8 | 20,082,993   | 20,074,400   | (8,593)              | 7,022                      | \$20,081,422           | AAA | 0.95      |

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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. |
|--|------------|---------------|------------------|----------------------|----------------------------|------------------------|--------|-----------|
| SDART 12-6 A3                                      | 80283CAC7  | 2,292,864     | 2,290,661        | (2,202)              | 631                        | \$2,291,292            | Aaa    | 0.13      |
| subtotal   |            | \$22,375,857  | \$22,365,061     | (\$10,796)           | \$7,653                    | \$22,372,715           | 0.0    | 0.87      |
| <b>Other MBS Bonds - 25.5%</b>                     |            |               |                  |                      |                            |                        |        |           |
| CSMC 07-C5 A3                                      | 22546BAD2  | 8,002,811     | 7,532,662        | (470,149)            | 35,614                     | \$7,568,276            | AAA    | 0.14      |
| GCCFC 05-GG5A41                                    | 396789LJ6  | 1,072,906     | 1,059,414        | (13,492)             | 4,626                      | \$1,064,039            | Aaa    | 0.02      |
| GMAC 04-C2 A4                                      | 361849F56  | 6,317,473     | 6,233,643        | (83,830)             | 27,494                     | \$6,261,137            | AAA    | 0.09      |
| JPMCC 04-LN2 A2                                    | 46625YCV3  | 6,677,447     | 6,542,699        | (134,748)            | 18,651                     | \$6,561,350            | AAA    | 0.24      |
| MLMT 04-BPC1 A5                                    | 59022HEX6  | 3,093,868     | 3,038,284        | (55,584)             | 12,242                     | \$3,050,526            | AAA    | 0.16      |
| MSC 05-T19 A4A                                     | 61745M5G4  | 17,577,470    | 17,149,281       | (428,189)            | 66,814                     | \$17,216,095           | AAA    | 0.82      |
| WBCMT 06-C24 AP                                    | 92976BFQ0  | 532,167       | 505,678          | (26,489)             | 2,352                      | \$508,029              | Aaa    | 0.04      |
| LBUBS 05-C7 A4                                     | 52108MAF0  | 21,213,527    | 20,587,000       | (626,527)            | 57,744                     | \$20,644,744           | AAA    | 0.89      |
| LBUBS 05-C3 A5                                     | 52108H5X8  | 8,261,642     | 8,059,424        | (202,219)            | 20,750                     | \$8,080,174            | Aaa    | 0.57      |
| subtotal   |            | \$72,749,311  | \$70,708,085     | (\$2,041,226)        | \$246,286                  | \$70,954,371           | 0.0    | 0.58      |
| <b>Other MBS Bonds FR - 1.9%</b>                   |            |               |                  |                      |                            |                        |        |           |
| LBUBS 08-C1 AAB                                    | 50180LAB6  | 5,356,540     | 5,237,153        | (119,387)            | 26,535                     | \$5,263,688            | Aaa    | 0.96      |
| subtotal   |            | \$5,356,540   | \$5,237,153      | (\$119,387)          | \$26,535                   | \$5,263,688            | 0.0    | 0.96      |
| <b>Cash, MMFs, &amp; Investment Pools - 18.38%</b> |            |               |                  |                      |                            |                        |        |           |
| Bank Accts (DDA & MMA)                             | N/A        | 6,532,907     | 6,532,907        | 0                    | 0                          | \$6,532,907            | N/A    | 0.00      |
| Money Market Funds                                 | N/A        | 8,172,755     | 8,172,755        | 0                    | 648                        | \$8,173,403            | AAA    | 0.00      |
| Core Fund  | 1149200011 | 36,627,533    | 36,089,339       | (538,195)            | 0                          | \$36,089,339           | Aaa-bf | (0.22)    |
| SBA Fund B   | 251361B    | 185,154       | 226,295          | 41,141               | 0                          | \$226,295              | NR     | 4.04      |
| subtotal   |            | \$51,518,349  | \$51,021,296     | (\$497,054)          | \$648                      | \$51,021,944           | AAA-   | (0.14)    |
| Managed Investment Program                         |            | \$285,634,393 | \$277,113,148.52 | (\$8,521,244)        | \$554,475                  | \$277,667,623          | AAA-   | 1.24      |

Unrealized Gain/Loss as a percent of total market value: -3.08%

|   | <b>Quarter End<br/>6/30/14</b> | <b>Y-T-D<br/>6/30/14</b> | <b>Prior Year<br/>6/30/13</b> |
|---|--------------------------------|--------------------------|-------------------------------|
| Average Invested Value of Managed Investment Portfolio        | \$390,948,907                  | \$439,617,188            | \$315,979,285                 |
| <b>Managed Investment Portfolio Yield</b>                     |                                |                          |                               |
| Total Managed Investment Portfolio Earnings                   | \$2,594,473                    | (\$1,283,025)            | (\$1,123,071)                 |
| <i>Managed Investment Portfolio Annualized Rate Of Return</i> | <b>2.66%</b>                   | <b>-0.29%</b>            | <b>-0.36%</b>                 |
| <b>Benchmark 1 - Weighted Average of Comparable Indices</b>   |                                |                          |                               |
| Pro Forma Interest Earnings:                                  |                                |                          |                               |
| Quarter Ended 9/30/13   |                                | 722,151                  | (169,324)                     |
| Quarter Ended 12/31/13  |                                | 234,471                  |                               |
| Quarter Ended 3/31/14   |                                | 1,039,672                |                               |
| Quarter Ended 6/30/14   | 1,090,612                      | 1,090,612                |                               |
| Total Pro Forma Benchmark 1 Earnings                          | \$1,090,612                    | \$3,086,906              | (\$169,324)                   |
| <i>Benchmark 1 Annualized Rate Of Return</i>                  | <b>1.12%</b>                   | <b>0.70%</b>             | <b>-0.05%</b>                 |
| <b>Benchmark 2 - Florida Prime (SBA LGIP)</b>                 |                                |                          |                               |
| Pro Forma Interest Earnings:                                  |                                |                          |                               |
| Quarter Ended 9/30/13   |                                | 115,133                  | 756,840                       |
| Quarter Ended 12/31/13  |                                | 114,882                  |                               |
| Quarter Ended 3/31/14   |                                | 99,839                   |                               |
| Quarter Ended 6/30/14   | 106,602                        | 106,602                  |                               |
| Total Pro Forma Benchmark 2 Earnings                          | \$106,602                      | \$436,456                | \$756,840                     |
| <i>Benchmark 2 Annualized Rate Of Return</i>                  | <b>0.11%</b>                   | <b>0.10%</b>             | <b>0.24%</b>                  |
| <b>Earnings Comparison</b>                                    |                                |                          |                               |
| <i>Annualized Rate of Return</i>                              |                                |                          |                               |
| Managed Investment Portfolio vs. Benchmark 1                  | <b>1.54%</b>                   | <b>-0.99%</b>            | <b>-0.31%</b>                 |
| Managed Investment Portfolio vs. Benchmark 2                  | <b>2.55%</b>                   | <b>-0.39%</b>            | <b>-0.60%</b>                 |
| <i>Dollar Earnings</i>  |                                |                          |                               |
| Managed Investment Portfolio vs. Benchmark 1                  | <b>\$1,503,861</b>             | <b>(\$4,369,932)</b>     | <b>(\$953,747)</b>            |
| Managed Investment Portfolio vs. Benchmark 2                  | <b>\$2,487,870</b>             | <b>(\$1,719,482)</b>     | <b>(\$1,879,911)</b>          |



**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.

| <b>June 30, 2014</b>                         | <u>Quarter End</u> | <u>Fiscal Y-T-D</u> | <u>Prior Fiscal Year</u> |
|--|--------------------|---------------------|--------------------------|
| Realized Gains/Losses                        | (395,816)          | (2,152,924)         | (2,107,717)              |
| MV Adjustment for Period                     | 609,431            | (7,124,632)         | (6,997,568)              |
| Net Incr/(Decr) in fair value of investments | 213,614            | (9,277,556)         | (9,105,286)              |

**Note 3 – Cumulative Return Over the SBA**

For the fiscal year-to-date, the Managed Investment Portfolio’s (MIP) earnings were under the State Board of Administration’s (SBA) local government investment pool by -\$1,719,482. Since August 1992, the MIP’s cumulative earnings were over the SBA by \$31,051,998.

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

The district’s MIP currently has an unrealized loss of \$8,521,244. This figure has been netted against interest income. If the district’s bonds were priced at par (100) as of June 30, 2014, the district’s cumulative earnings over the SBA would be \$39,573,242.

**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 \$142,487,215 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 |
|--------------------------|----------------------|----------------|
| Exempt                   | \$134,314,460        |                |
| Money Market Fund        | \$8,172,755          | AAA            |
| Other Pooled Investments | \$36,089,339         | AAA            |
| Not Rated                | \$226,295            | NR             |
| Corporate ABS            | \$22,365,061         | AAA            |
| Other MBS Bonds          | \$70,708,085         | AAA            |
| Other MBS Bonds FR       | \$5,237,153          | AAA            |
| <b>Portfolio</b>         | <b>\$277,113,148</b> | <b>AAA-</b>    |

#### 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     | 18.41%           | \$51,021,296 | Exempt                         |
| FHLMC  | 6.45%            | 17,885,267   | Federal Home Loan Mgte Corp    |
| FNMA   | 20.05%           | 55,560,009   | Federal National Mtge Assoc    |
| GNMA   | 17.80%           | 49,317,141   | Government National Mtge Assoc |
| CHASE  | 7.24%            | 20,074,400   | Chase Issuance Trust           |
| MSC    | 6.19%            | 17,149,281   | Morgan Stanley Capital         |
| LBUBS  | 12.23%           | 33,883,577   | LB UBS Commercial Mortgage Tru |

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

| Issuer | CUSIP     | Market Value  | Description     |
|--------|-----------|---------------|-----------------|
| SDART  | 80282FAG2 | 21,870,533.56 | SDART 10-A A4   |
| LBUBS  | 52108MAF0 | 20,896,600.00 | LBUBS 05-C7 A4  |
| FNMA   | 3136A8P20 | 18,828,692.81 | FNR 12-117 DA   |
| GNMA   | 36225EYQ9 | 18,405,424.12 | G2 82518        |
| FNMA   | 3137B6GM7 | 18,238,191.06 | FHR 4283 EC     |
| FNMA   | 3136A7RE4 | 14,864,124.30 | FNR 12-90 DA    |
| FNMA   | 3136AAFH3 | 13,341,731.82 | FNR 12-138 MA   |
| FNMA   | 3138ELU68 | 13,148,158.01 | FN AL4204       |
| GNMA   | 38376GZA1 | 9,797,773.85  | GNR 10-161 AB   |
| LBUBS  | 52108H5X8 | 8,387,316.40  | LBUBS 05-C3 A5  |
| FNMA   | 31393XDU8 | 7,784,508.00  | FNR 04-8 GD     |
| GNMA   | 36225E2M3 | 5,951,326.06  | G2 82579        |
| LBUBS  | 50180LAB6 | 5,892,159.49  | LBUBS 08-C1 AAB |
| SDART  | 80283CAC7 | 4,381,664.40  | SDART 12-6 A3   |
| GNMA   | 36225EZY1 | 3,731,434.68  | G2 82558        |
| GNMA   | 36225EZD7 | 3,463,806.86  | G2 82539        |
| GNMA   | 36225E2K7 | 3,290,740.77  | G2 82577        |
| GNMA   | 36225EWY4 | 2,707,633.90  | G2 82462        |
| FNMA   | 31396X3Q5 | 1,994,880.00  | FNR 07-114 A6   |
| GNMA   | 38373MKT6 | 1,698,223.98  | GNR 04-10 D     |
| GNMA   | 38378JBV3 | 1,536,855.93  | GNR 13-26 GA    |
| GNMA   | 38376GUR9 | 1,525,554.09  | GNR 10-118 b    |
| GNMA   | 38377NUW2 | 1,173,875.12  | GNR 10-167 KW   |
| GNMA   | 38376GBS8 | 1,082,543.15  | GNR 09-99 A     |
| GNMA   | 38375QGZ6 | 709,438.39    | GNR 08-38 PS    |
| GNMA   | 38376GGU8 | 306,799.97    | GNR 10-52 AE    |
| GNMA   | 38376GAG5 | 159,967.15    | GNR 09-71 A     |

### **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, will 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 1.24 years, or 14.9 months.

### **Floating/Adjustable Interest Rate Risk**

The district currently has \$23,119,489 invested in securities with floating or adjustable interest rate risk. \$23,119,489 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 0.34% to 6.32%.

### **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 negative 0.22 years to 5.36 years. The duration on the District's ABS/MBS bonds ranges from negative 0 years to 5.36 years.

**Interest Rate Risk**

| <b>Investment Category</b> | <b>Market Value</b>  | <b>Mod. Dur.</b> |
|----------------------------|----------------------|------------------|
| Exempt                     | \$14,705,662         | 0.00             |
| Investment Pool            | 36,315,634           | -0.19            |
| Money Market Portfolio     | 5,019,137            | 0.17             |
| MBS Agency CMOs            | 85,538,700           | 1.89             |
| MBS Agency ARMs/FR         | 37,223,717           | 3.32             |
| Corporate ABS              | 22,365,061           | 0.87             |
| Other MBS Bonds            | 70,708,085           | 0.58             |
| Other MBS Bonds FR         | 5,237,153            | 0.96             |
| <b>Portfolio</b>           | <b>\$277,113,149</b> | <b>1.24</b>      |