

**CITY OF OCALA  
TREASURY INVESTMENT FUND**

---

**PERFORMANCE REVIEW  
MARCH 31, 2018**

**John J. Griffith, Jr., JD, CPC, AIF®**  
Senior Vice President, Financial Advisor

**John Frady**  
Vice President, Financial Advisor

# TABLE OF CONTENTS

<b>Important Disclosures</b>	<b>1</b>
<b>Market Commentary</b>	<b>2</b>
<b>Overall Asset Allocation</b>	<b>3</b>
<b>Fixed Income Composite – Performance Review</b>	<b>4</b>
<b>PFR Group</b>	<b>5</b>
<b>Sawgrass Asset Management</b>	<b>6</b>
<b>SEIX Investment Advisors</b>	<b>7</b>
<b>Appendix</b>	<b>8</b>

---

## **IMPORTANT DISCLOSURES**

This report has been compiled from sources believed to be reliable but are not guaranteed to be accurate or complete.

This material has been prepared solely for information purposes and is not a solicitation. Performance reports contain returns that are net of investment management fees but gross of CAPTRUST Advisory fees. Any depiction of account value/performance is not warranted to be accurate or complete. Please refer to your official monthly/quarterly custodial statements for verification. Past performance does not guarantee future results. CAPTRUST Financial Advisors does not render legal, accounting, or tax advice.

Please contact your CAPTRUST Financial Advisor if your Investment Objectives or your personal or financial situation has changed or if you want to place reasonable restrictions on the management of your investment account(s) or portfolio. You may call direct at 919.870.6822 or 800.216.0645 or email [compliance@captrustadvisors.com](mailto:compliance@captrustadvisors.com).

# INDEX PERFORMANCE

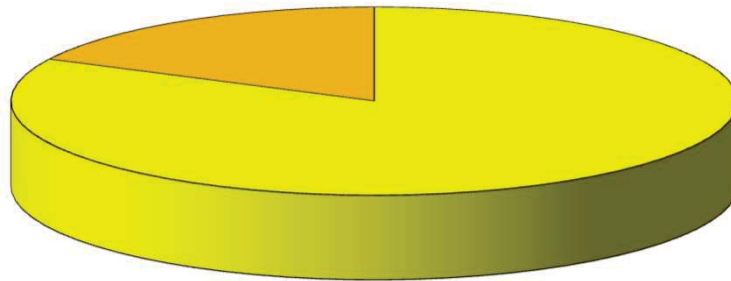
Period Ending 3.31.18 | Q1 18

INDEXES	Q1 2018	YTD 2018	2017	2016	2015	2014	2013	1 YEAR	3 YEAR	5 YEAR	10 YEAR
90-Day US Treasury	0.35%	0.35%	0.86%	0.33%	0.05%	0.03%	0.07%	1.11%	0.53%	0.34%	0.34%
Bloomberg Barclays Government 1-3 Year	-0.15%	-0.15%	0.45%	0.87%	0.57%	0.64%	0.37%	0.02%	0.40%	0.53%	1.22%
Bloomberg Barclays Intermediate Govt	-0.73%	-0.73%	1.14%	1.05%	1.18%	2.52%	-1.25%	-0.14%	0.46%	0.75%	2.21%
Bloomberg Barclays Muni Bond	-1.11%	-1.11%	5.45%	0.25%	3.30%	9.05%	-2.55%	2.66%	2.25%	2.73%	4.40%
Bloomberg Barclays Intermediate Govt/Credit	-0.98%	-0.98%	2.14%	2.08%	1.07%	3.13%	-0.86%	0.35%	0.94%	1.25%	2.92%
Bloomberg Barclays Intermediate Credit	-1.36%	-1.36%	3.67%	3.68%	0.90%	4.16%	-0.17%	1.10%	1.67%	2.05%	4.27%
Bloomberg Barclays Aggregate Bond	-1.46%	-1.46%	3.54%	2.65%	0.55%	5.97%	-2.02%	1.20%	1.20%	1.82%	3.63%
Bloomberg Barclays Corporate IG Bond	-2.32%	-2.32%	6.42%	6.11%	-0.68%	7.46%	-1.53%	2.70%	2.30%	3.02%	5.42%
Bloomberg Barclays High Yield	-0.86%	-0.86%	7.50%	17.13%	-4.47%	2.45%	7.44%	3.78%	5.17%	4.99%	8.27%
Bloomberg Barclays US Long Corporate	-4.05%	-4.05%	12.09%	10.97%	-4.61%	15.73%	-5.68%	6.11%	3.30%	4.83%	7.68%
S&P 500	-0.76%	-0.76%	21.83%	11.96%	1.38%	13.69%	32.39%	13.99%	10.78%	13.31%	9.49%
Dow Jones Industrial Average	-1.96%	-1.96%	28.11%	16.50%	0.21%	10.04%	29.65%	19.39%	13.48%	13.32%	9.86%
NASDAQ Composite	2.33%	2.33%	28.24%	7.50%	5.73%	13.40%	38.32%	19.50%	12.96%	16.67%	11.98%
Russell 1000 Value	-2.83%	-2.83%	13.66%	17.34%	-3.83%	13.45%	32.53%	6.95%	7.88%	10.78%	7.78%
Russell 1000	-0.69%	-0.69%	21.69%	12.05%	0.92%	13.24%	33.11%	13.98%	10.39%	13.17%	9.61%
Russell 1000 Growth	1.42%	1.42%	30.21%	7.08%	5.67%	13.05%	33.48%	21.25%	12.90%	15.53%	11.34%
Russell Mid-Cap Value Index	-2.50%	-2.50%	13.34%	20.00%	-4.78%	14.75%	33.46%	6.50%	7.23%	11.11%	9.81%
Russell Mid-Cap Index	-0.46%	-0.46%	18.52%	13.80%	-2.44%	13.22%	34.76%	12.20%	8.01%	12.09%	10.21%
Russell Mid-Cap Growth Index	2.17%	2.17%	25.27%	7.33%	-0.20%	11.90%	35.74%	19.74%	9.17%	13.31%	10.61%
MSCI EAFE	-1.41%	-1.41%	25.62%	1.51%	-0.39%	-4.48%	23.29%	15.32%	6.05%	6.98%	3.23%
MSCI ACWI ex US	-1.08%	-1.08%	27.77%	5.01%	-5.25%	-3.44%	15.78%	17.05%	6.68%	6.37%	3.17%
Russell 2000 Value	-2.64%	-2.64%	7.84%	31.74%	-7.47%	4.22%	34.52%	5.13%	7.87%	9.96%	8.61%
Russell 2000	-0.08%	-0.08%	14.65%	21.31%	-4.41%	4.89%	38.82%	11.79%	8.39%	11.47%	9.84%
Russell 2000 Growth	2.30%	2.30%	22.17%	11.32%	-1.38%	5.60%	43.30%	18.63%	8.77%	12.90%	10.95%
MSCI Emerging Markets	1.47%	1.47%	37.75%	11.60%	-14.60%	-1.82%	-2.27%	25.37%	9.21%	5.37%	3.36%
Dow Jones US Real Estate Index	-5.91%	-5.91%	9.84%	7.56%	2.14%	27.24%	1.77%	0.13%	2.88%	6.28%	6.36%
HFRX Absolute Return Index	0.30%	0.30%	3.40%	0.31%	2.86%	0.79%	3.58%	3.03%	1.71%	2.20%	-0.68%
Consumer Price Index (Inflation)	1.00%	1.00%	2.11%	2.07%	0.73%	0.76%	1.50%	2.21%	1.99%	1.41%	1.64%
<b>BLENDED BENCHMARKS</b>	<b>Q1 2018</b>	<b>YTD 2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>	<b>1 YEAR</b>	<b>3 YEAR</b>	<b>5 YEAR</b>	<b>10 YEAR</b>
25% S&P 500/5% MSCI EAFE/70% Barclays Agg	-1.22%	-1.22%	8.93%	5.00%	0.92%	7.37%	7.01%	5.04%	3.89%	4.97%	5.33%
30% S&P 500/10% MSCI EAFE/60% Barclays Agg	-1.17%	-1.17%	10.90%	5.43%	0.95%	7.21%	9.92%	6.38%	4.64%	5.82%	5.66%
35% S&P 500/15% MSCI EAFE/50% Barclays Agg	-1.13%	-1.13%	12.90%	5.85%	0.97%	7.04%	12.89%	7.72%	5.37%	6.67%	5.96%
40% S&P 500/20% MSCI EAFE/40% Barclays Agg	-1.10%	-1.10%	14.93%	6.26%	0.96%	6.87%	15.93%	9.07%	6.10%	7.51%	6.23%
45% S&P 500/25% MSCI EAFE/30% Barclays Agg	-1.07%	-1.07%	16.99%	6.65%	0.93%	6.69%	19.04%	10.43%	6.82%	8.34%	6.47%
60% S&P 500/40% Barclays Agg	-0.97%	-0.97%	14.21%	8.31%	1.28%	10.62%	17.56%	8.81%	6.99%	8.72%	7.42%

The opinions expressed in this report are subject to change without notice. This material has been prepared or is distributed solely for informational purposes and is not a solicitation or an offer to buy any security or to participate in any investment strategy. The performance data quoted represents past performance and does not guarantee future results. Index averages are provided for comparison purposes only. The information and statistics in this report are from sources believed to be reliable but are not guaranteed to be accurate or complete. CAPTRUST Financial Advisors is an investment adviser registered under the Investment Advisers Act of 1940. Sources: Morningstar Direct, MPI

City of Ocala  
 Fixed Income Composite  
 Portfolio Allocation as of March 31, 2018

Portfolio Actual Allocation



Asset Class	Market Value	Actual (%)
■ Fixed Income	<b>183,270,181</b>	<b>82.34%</b>
PFM	51,761,755	23.26%
Sawgrass	75,663,633	34.00%
SEIX	55,844,794	25.09%
■ Internal	<b>39,298,554</b>	<b>17.66%</b>
Florida Local Government Investment	5,069,787	2.28%
Florida Prime	8,769,134	3.94%
Florida Fixed Income Trust	10,014,289	4.50%
SunTrust Checking Account	15,445,343	6.94%
	<b>222,568,735</b>	<b>100.00%</b>

\*See disclaimer page.

# City of Ocala Fixed Income Composite

Executive Summary as of March 31, 2018

### Account Reconciliation

	03/31/2018 QTR	2018 Fiscal YTD	06/30/1998 Incept
Beginning Value	184,266,067	184,502,959	69,757,606
Net Flows	38,780	77,738	22,920,021
Investment G/L	-1,034,666	-1,310,515	90,592,554
Ending Value	183,270,181	183,270,181	183,270,181

### Investment Policy

Index	Weight
ICE BofAML US CORPORATE & GOVERNMENT 1-5	40.00
ML Unsub. Treas/Agcc. 1-3	30.00
ML US Domestic Master 1-10 Years	30.00

### Trailing Returns Through March 31, 2018

	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	6 Yr	7 Yr	8 Yr	9 Yr	10 Yr	06/30/1998 Incept
Account	0.29	0.53	0.81	1.18	1.04	1.22	1.59	1.76	2.20	2.40	3.87
Policy	0.25	0.34	0.76	1.17	0.99	1.11	1.46	1.65	1.94	2.01	3.67
Diff	0.04	0.19	0.06	0.01	0.05	0.10	0.13	0.12	0.26	0.39	0.20

### Fiscal Year Returns Ending September

	QTR	2018 YTD	2017	2016	2015	2014	2013	2012	2011	2010	2009
Account	-0.56	-0.71	0.52	2.32	1.85	1.53	0.10	3.17	2.21	4.92	9.36
Policy	-0.54	-0.75	0.38	2.18	2.03	1.48	-0.06	2.28	2.35	4.79	6.85
Diff	-0.02	0.04	0.15	0.14	-0.18	0.05	0.16	0.89	-0.15	0.13	2.51

### Returns In Up Markets

	1 Yr	3 Yr	5 Yr	10 Yr
Account	1.0	2.7	2.5	3.8
Policy	1.0	2.8	2.6	3.4
Ratio	99.6	96.0	97.8	112.2

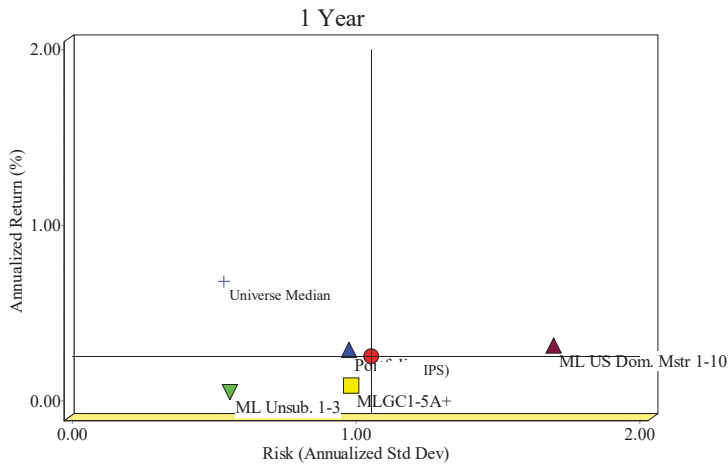
### Returns In Down Markets

	1 Yr	3 Yr	5 Yr	10 Yr
Account	-0.7	-1.7	-1.7	-1.7
Policy	-0.8	-2.0	-1.9	-2.0
Ratio	94.5	86.1	88.1	85.3

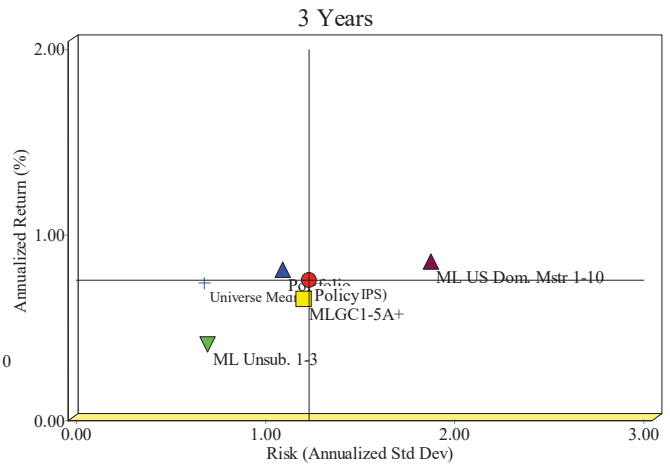
Fiscal year ends in September.  
Returns for periods exceeding one year are annualized. Returns are net time weighted return.  
Please see Appendix for page explanations.

# City of Ocala Fixed Income Composite

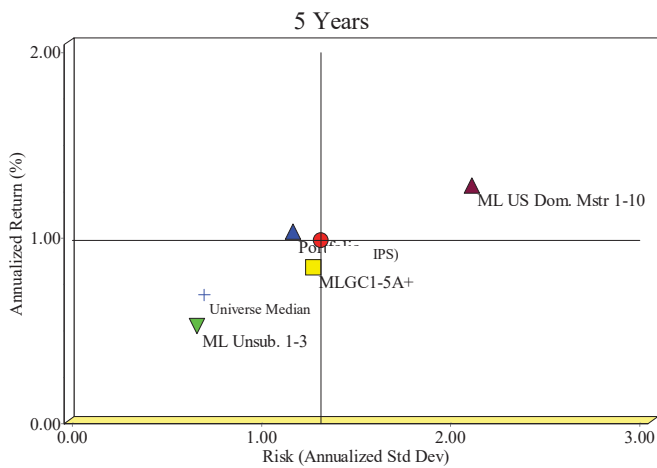
## Return vs Risk as of March 31, 2018



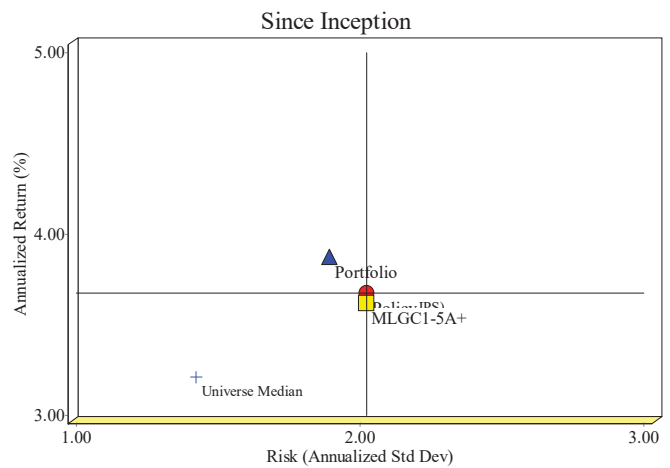
	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	0.29	0.98	-0.02	0.93	99.52
● Policy	0.25	1.05	0.00	1.00	100.00
■ MLGC1-5A+	0.09	0.98	-0.22	0.93	99.05
▼ ML Unsub. 1-3	0.05	0.56	-0.60	0.51	93.93
▲ ML US Dom. Mstr 1-10	0.32	1.70	0.54	1.58	97.91



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	0.81	1.09	0.09	0.88	97.39
● Policy	0.76	1.23	0.00	1.00	100.00
■ MLGC1-5A+	0.66	1.20	-0.09	0.97	98.28
▼ ML Unsub. 1-3	0.41	0.69	-0.23	0.54	89.58
▲ ML US Dom. Mstr 1-10	0.86	1.87	-0.02	1.48	96.33



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	1.04	1.17	0.13	0.88	97.30
● Policy	0.99	1.31	0.00	1.00	100.00
■ MLGC1-5A+	0.84	1.27	-0.12	0.96	97.98
▼ ML Unsub. 1-3	0.53	0.66	-0.11	0.48	86.22
▲ ML US Dom. Mstr 1-10	1.28	2.11	-0.08	1.56	96.05



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	3.87	1.89	0.34	0.91	94.71
● Policy	3.67	2.02	0.00	1.00	100.00
■ MLGC1-5A+	3.62	2.02	-0.04	0.99	99.59
▼ ML Unsub. 1-3	N/A	N/A	N/A	N/A	N/A
▲ ML US Dom. Mstr 1-10	N/A	N/A	N/A	N/A	N/A

# City of Ocala Fixed Income Composite

## Risk Measures

1 Year	Fund	Policy	Diff
Negative Periods	6.00	6.00	0.00
Positive Periods	6.00	6.00	0.00
Batting Average	50.00	50.00	0.00
Worst Qtr	-0.56	-0.54	-0.02
Best Qtr	0.55	0.55	0.00
Range	1.11	1.09	0.02
Worst 4 Qtrs	0.29	0.25	0.04
Standard Deviation	0.98	1.05	-0.08
Beta	0.93	1.00	-0.07
Alpha	-0.02	0.00	-0.02
R-Squared	99.52	100.00	-0.48
Sharpe Ratio	-0.80	-0.78	-0.02
Treynor Ratio	-0.84	-0.82	-0.02
Tracking Error	0.10	0.00	0.10
Information Ratio	0.35	0.00	0.35

3 Years	Fund	Policy	Diff
Negative Periods	14.00	15.00	-1.00
Positive Periods	22.00	21.00	1.00
Batting Average	50.00	50.00	0.00
Worst Qtr	-0.96	-1.14	0.17
Best Qtr	1.35	1.60	-0.25
Range	2.31	2.74	-0.42
Worst 4 Qtrs	0.29	0.25	0.04
Standard Deviation	1.09	1.23	-0.14
Beta	0.88	1.00	-0.12
Alpha	0.09	0.00	0.09
R-Squared	97.39	100.00	-2.61
Sharpe Ratio	0.29	0.21	0.08
Treynor Ratio	0.36	0.26	0.10
Tracking Error	0.24	0.00	0.24
Information Ratio	0.23	0.00	0.23

5 Years	Fund	Policy	Diff
Negative Periods	23.00	25.00	-2.00
Positive Periods	37.00	35.00	2.00
Batting Average	50.00	50.00	0.00
Worst Qtr	-0.96	-1.14	0.17
Best Qtr	1.35	1.60	-0.25
Range	2.31	2.74	-0.42
Worst 4 Qtrs	0.29	0.25	0.04
Standard Deviation	1.17	1.31	-0.15
Beta	0.88	1.00	-0.12
Alpha	0.13	0.00	0.13
R-Squared	97.30	100.00	-2.70
Sharpe Ratio	0.62	0.52	0.11
Treynor Ratio	0.83	0.68	0.15
Tracking Error	0.25	0.00	0.25
Information Ratio	0.17	0.00	0.17

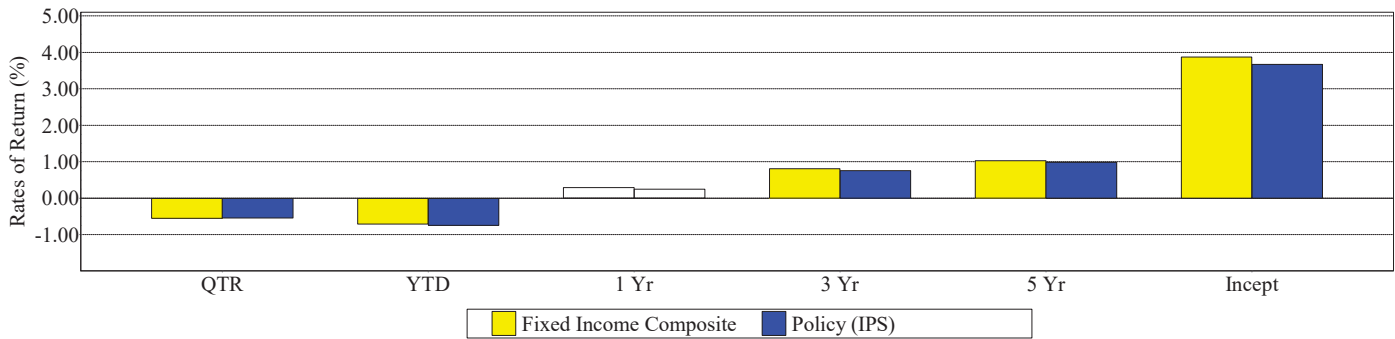
Since Inception	Fund	Policy	Diff
Negative Periods	61.00	70.00	-9.00
Positive Periods	176.00	167.00	9.00
Batting Average	59.49	40.51	18.99
Worst Qtr	-1.71	-1.73	0.02
Best Qtr	4.32	4.19	0.13
Range	6.03	5.92	0.11
Worst 4 Qtrs	-0.04	0.00	-0.04
Standard Deviation	1.89	2.02	-0.13
Beta	0.91	1.00	-0.09
Alpha	0.34	0.00	0.34
R-Squared	94.71	100.00	-5.29
Sharpe Ratio	1.05	0.89	0.17
Treynor Ratio	2.18	1.79	0.39
Tracking Error	0.45	0.00	0.45
Information Ratio	0.42	0.00	0.42

Please see Appendix for page explanations.



# City of Ocala Fixed Income Composite

Performance Summary Through March 31, 2018



	QTR	YTD	1 Yr	3 Yr	5 Yr	Incept	Inception Date	Current Assets
Net Time Weighted Return	-0.56	<b>-0.71</b>	<b>0.29</b>	<b>0.81</b>	<b>1.04</b>	<b>3.87</b>	06/30/1998	\$183,270,181
Policy (IPS)	-0.54	-0.75	0.25	0.76	0.99	3.67		
%-tile	96	90	76	<b>38</b>	<b>22</b>	<b>8</b>		

(40% ICE BofAML US CORPORATE & GOVERNMENT 1-5 YRS, 30% ML Unsub. Treas/Agec. 1-3, 30% ML US Domestic Master 1-10 Years, established 10/2013)

### PFM Group - Fixed Income

Net Time Weighted Return	-0.23	-0.37	<b>0.33</b>	<b>0.70</b>	<b>0.72</b>	<b>2.71</b>	07/31/2003	\$51,761,755
Policy	-0.12	-0.37	0.05	0.41	0.53	2.40		
%-tile	68	68	72	57	<b>47</b>	<b>22</b>		

(100% ML Unsub. Treas/Agec. 1-3, established 10/2013)

### Sawgrass Asset Management - Fixed Income

Net Time Weighted Return	<b>-0.43</b>	<b>-0.56</b>	<b>0.38</b>	<b>0.91</b>	<b>0.99</b>	<b>3.86</b>	06/30/1998	\$75,663,633
Policy	-0.49	-0.77	0.22	0.81	0.98	3.71		
%-tile	90	82	66	<b>32</b>	<b>24</b>	<b>8</b>		

(100% ICE BofAML US CORPORATE & GOVERNMENT 1-5 YRS, established 10/2013)

### SEIX Investment Advisors - Fixed Income

Net Time Weighted Return	-1.04	-1.23	0.13	0.80	1.39	<b>3.17</b>	07/31/2003	\$55,844,794
Policy	-1.04	-1.12	0.49	1.03	1.46	3.04		
%-tile	<b>49</b>	81	94	81	64	<b>40</b>		

(100% ML US Domestic Master 1-10 Years, established 10/2013)

Fiscal Year ends in September. Returns for periods exceeding one year are annualized.

Shaded areas represent where the investment objective was achieved either by:

1) The investment return versus the index; 2) The investment return universe ranking (The lower the number the better the ranking).

**City of Ocala**  
**PFM Group - Fixed Income**  
Executive Summary as of March 31, 2018

**Account Reconciliation**

	03/31/2018 QTR	2018 Fiscal YTD	07/31/2003 Incept
Beginning Value	51,868,916	51,932,351	29,076,413
Net Flows	11,102	22,226	7,089,211
Investment G/L	-118,264	-192,823	15,596,130
Ending Value	51,761,755	51,761,755	51,761,755

**Investment Policy**

Index	Weight
ML Unsub. Treas/Agcc. 1-3	100.00

**Trailing Returns Through March 31, 2018**

	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	6 Yr	7 Yr	8 Yr	9 Yr	10 Yr	07/31/2003 Incept
Account	0.33	0.50	0.70	0.81	0.72	0.75	1.01	1.25	1.73	2.08	2.71
Policy	0.05	0.16	0.41	0.56	0.53	0.55	0.75	1.03	1.53	1.59	2.40
Diff	0.28	0.34	0.28	0.25	0.19	0.20	0.26	0.22	0.20	0.49	0.31

**Fiscal Year Returns Ending September**

	QTR	2018 YTD	2017	2016	2015	2014	2013	2012	2011	2010	2009
Account	-0.23	-0.37	0.76	1.29	1.16	0.73	0.23	1.55	1.49	5.08	9.47
Policy	-0.12	-0.37	0.26	0.89	1.17	0.52	0.37	0.63	1.45	4.97	7.61
Diff	-0.11	0.00	0.50	0.40	-0.01	0.21	-0.14	0.92	0.03	0.11	1.86

**Returns In Up Markets**

	1 Yr	3 Yr	5 Yr	10 Yr
Account	0.7	1.7	1.4	3.0
Policy	0.4	1.5	1.2	2.6
Ratio	166.7	118.2	118.0	115.1

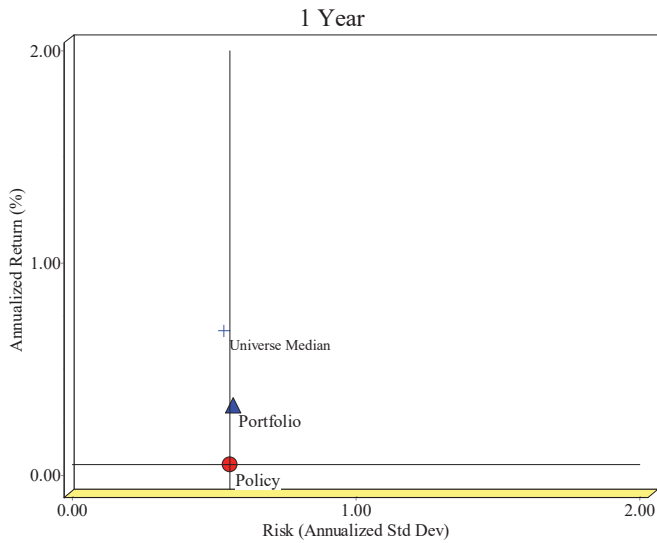
**Returns In Down Markets**

	1 Yr	3 Yr	5 Yr	10 Yr
Account	-0.4	-0.7	-0.8	-0.5
Policy	-0.4	-1.1	-1.0	-1.3
Ratio	100.8	70.8	83.5	41.7

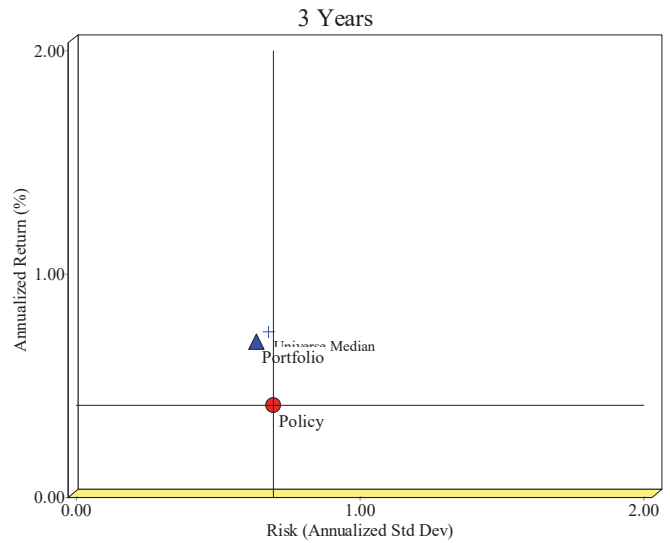
Fiscal year ends in September.  
Returns for periods exceeding one year are annualized. Returns are net time weighted return.  
Please see Appendix for page explanations.

# City of Ocala PFM Group - Fixed Income

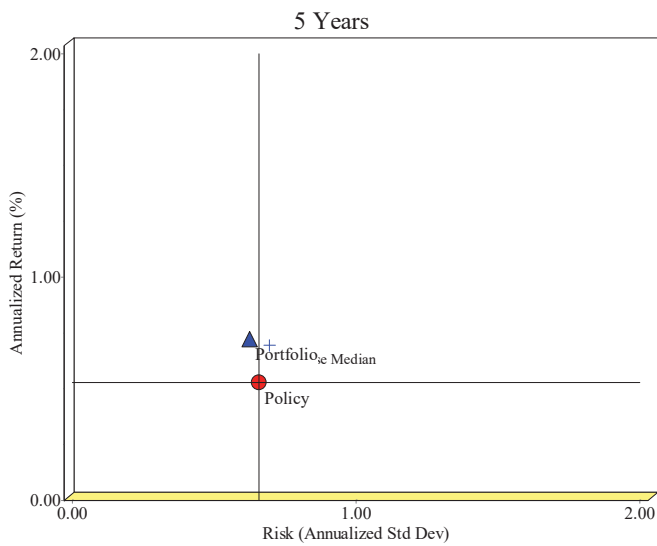
## Return vs Risk as of March 31, 2018



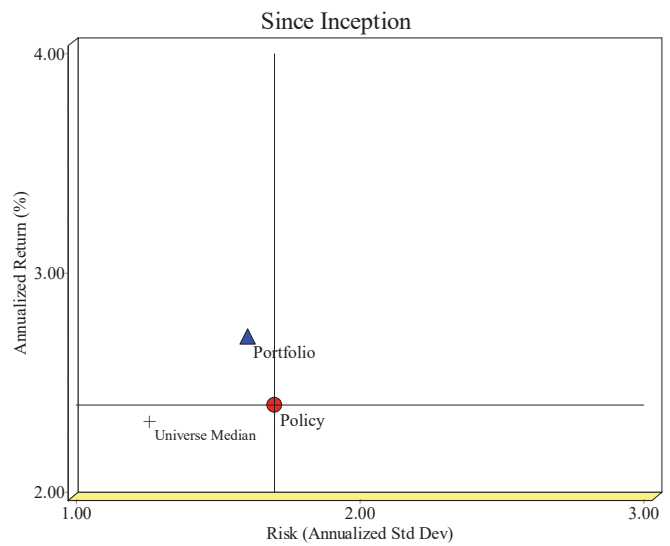
	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	0.33	0.57	0.29	1.02	94.51
● Policy	0.05	0.56	0.00	1.00	100.00



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	0.70	0.63	0.27	0.89	92.16
● Policy	0.41	0.69	0.00	1.00	100.00



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	0.72	0.62	0.21	0.91	92.02
● Policy	0.53	0.66	0.00	1.00	100.00



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	2.71	1.60	0.43	0.89	89.93
● Policy	2.40	1.70	0.00	1.00	100.00

**City of Ocala**  
**PFM Group - Fixed Income**

**Risk Measures**

1 Year	Fund	Policy	Diff
Negative Periods	6.00	6.00	0.00
Positive Periods	6.00	6.00	0.00
Batting Average	75.00	25.00	50.00
Worst Qtr	-0.23	-0.25	0.02
Best Qtr	0.36	0.24	0.11
Range	0.58	0.49	0.10
Worst 4 Qtrs	0.33	0.05	0.28
Standard Deviation	0.57	0.56	0.01
Beta	1.02	1.00	0.02
Alpha	0.29	0.00	0.29
R-Squared	94.51	100.00	-5.49
Sharpe Ratio	-1.31	-1.83	0.52
Treynor Ratio	-0.73	-1.02	0.29
Tracking Error	0.14	0.00	0.14
Information Ratio	1.98	0.00	1.98

3 Years	Fund	Policy	Diff
Negative Periods	14.00	15.00	-1.00
Positive Periods	22.00	21.00	1.00
Batting Average	83.33	16.67	66.67
Worst Qtr	-0.35	-0.43	0.08
Best Qtr	0.90	0.90	0.01
Range	1.25	1.33	-0.08
Worst 4 Qtrs	0.33	0.05	0.28
Standard Deviation	0.63	0.69	-0.06
Beta	0.89	1.00	-0.11
Alpha	0.27	0.00	0.27
R-Squared	92.16	100.00	-7.84
Sharpe Ratio	0.32	-0.12	0.44
Treynor Ratio	0.23	-0.08	0.31
Tracking Error	0.20	0.00	0.20
Information Ratio	1.39	0.00	1.39

5 Years	Fund	Policy	Diff
Negative Periods	24.00	25.00	-1.00
Positive Periods	36.00	35.00	1.00
Batting Average	75.00	25.00	50.00
Worst Qtr	-0.35	-0.43	0.08
Best Qtr	0.90	0.90	0.01
Range	1.25	1.33	-0.08
Worst 4 Qtrs	0.33	0.05	0.28
Standard Deviation	0.62	0.66	-0.03
Beta	0.91	1.00	-0.09
Alpha	0.21	0.00	0.21
R-Squared	92.02	100.00	-7.98
Sharpe Ratio	0.66	0.33	0.33
Treynor Ratio	0.45	0.22	0.23
Tracking Error	0.19	0.00	0.19
Information Ratio	1.00	0.00	1.00

Since Inception	Fund	Policy	Diff
Negative Periods	55.00	56.00	-1.00
Positive Periods	121.00	120.00	1.00
Batting Average	64.41	35.59	28.81
Worst Qtr	-1.58	-1.71	0.13
Best Qtr	5.09	3.04	2.04
Range	6.66	4.75	1.91
Worst 4 Qtrs	0.23	0.26	-0.03
Standard Deviation	1.60	1.70	-0.10
Beta	0.89	1.00	-0.11
Alpha	0.43	0.00	0.43
R-Squared	89.93	100.00	-10.07
Sharpe Ratio	0.94	0.70	0.24
Treynor Ratio	1.68	1.19	0.49
Tracking Error	0.53	0.00	0.53
Information Ratio	0.58	0.00	0.58

Please see Appendix for page explanations.

# City of Ocala

## Sawgrass Asset Management - Fixed Income

Executive Summary as of March 31, 2018

### Account Reconciliation

	03/31/2018 QTR	2018 Fiscal YTD	06/30/1998 Incept
Beginning Value	75,976,154	76,055,926	69,757,606
Net Flows	15,671	31,374	-49,969,130
Investment G/L	-328,193	-423,668	55,875,156
Ending Value	75,663,633	75,663,633	75,663,633

### Investment Policy

Index	Weight
ICE BofAML US CORPORATE & GOVERNMENT 1-5	100.00

### Trailing Returns Through March 31, 2018

	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	6 Yr	7 Yr	8 Yr	9 Yr	10 Yr	06/30/1998 Incept
Account	0.38	0.76	0.91	1.13	0.99	1.19	1.51	1.69	2.11	2.33	3.86
Policy	0.22	0.39	0.81	1.13	0.98	1.12	1.41	1.60	2.04	2.06	3.71
Diff	0.16	0.37	0.09	0.00	0.01	0.07	0.10	0.09	0.07	0.27	0.15

### Fiscal Year Returns Ending September

	QTR	2018 YTD	2017	2016	2015	2014	2013	2012	2011	2010	2009
Account	-0.43	-0.56	0.83	2.09	1.58	1.22	0.27	3.34	1.64	4.79	9.64
Policy	-0.49	-0.77	0.52	2.10	2.01	1.25	0.22	2.21	1.99	4.97	7.61
Diff	0.06	0.21	0.30	-0.02	-0.42	-0.02	0.05	1.14	-0.34	-0.19	2.03

### Returns In Up Markets

	1 Yr	3 Yr	5 Yr	10 Yr
Account	0.9	2.1	2.1	3.5
Policy	1.0	2.4	2.3	3.3
Ratio	94.8	87.4	88.2	106.2

### Returns In Down Markets

	1 Yr	3 Yr	5 Yr	10 Yr
Account	-0.6	-1.5	-1.5	-1.7
Policy	-0.8	-2.3	-2.1	-2.2
Ratio	72.8	62.8	69.3	78.2

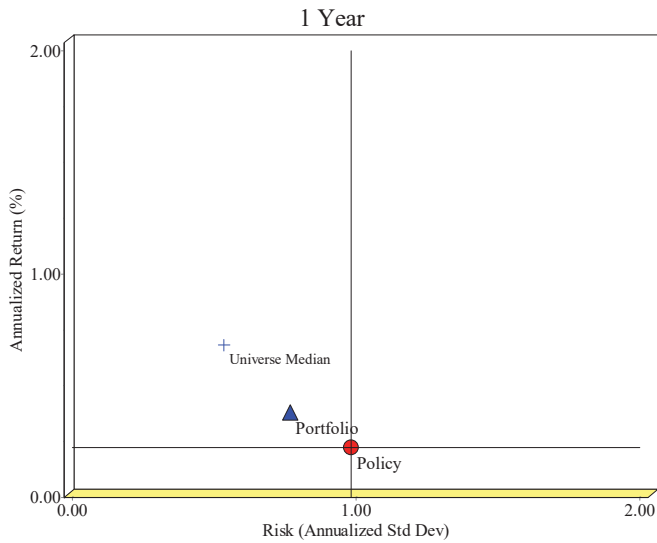
Fiscal year ends in September.

Returns for periods exceeding one year are annualized. Returns are net time weighted return.

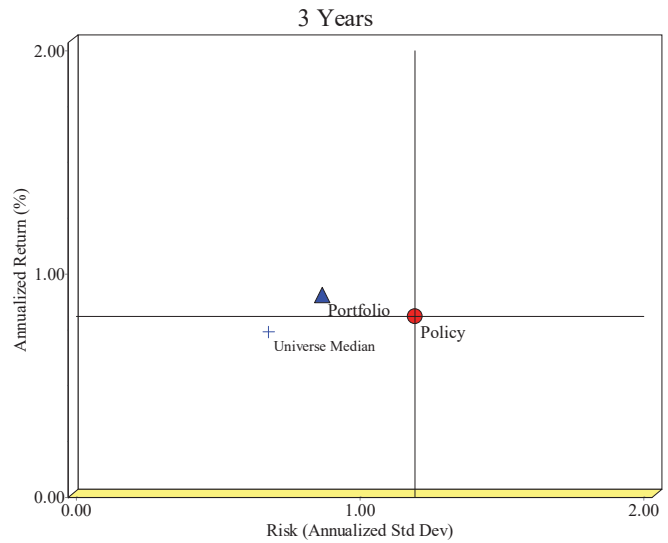
Please see Appendix for page explanations.

# City of Ocala Sawgrass Asset Management - Fixed Income

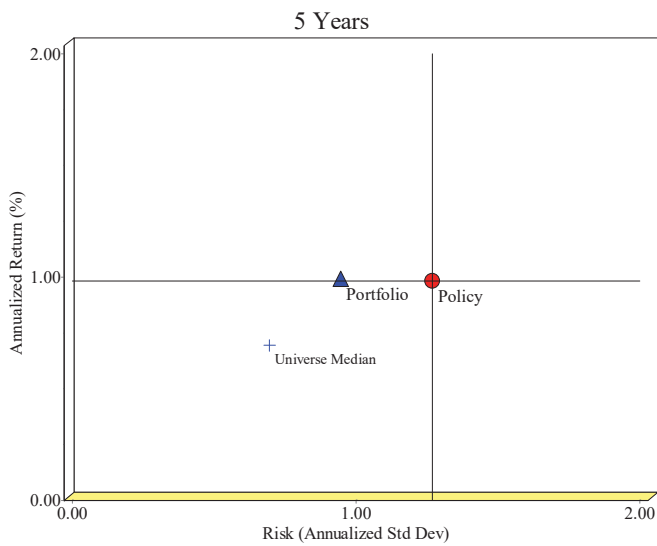
Return vs Risk as of March 31, 2018



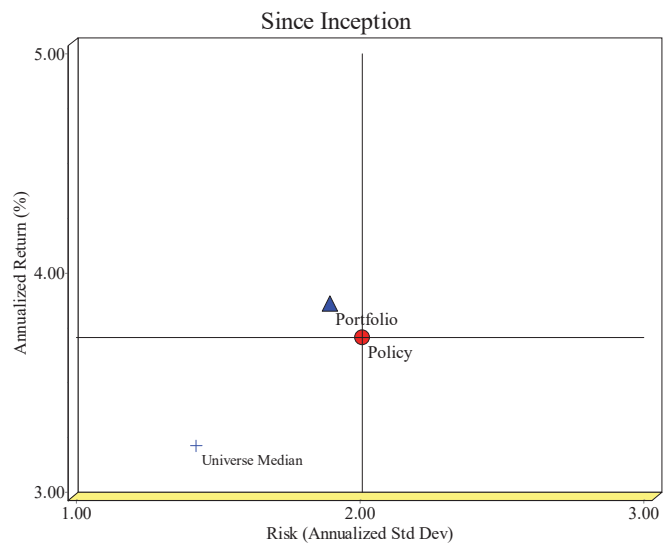
	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	0.38	0.77	-0.02	0.79	98.26
● Policy	0.22	0.98	0.00	1.00	100.00



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	0.91	0.87	0.18	0.71	94.16
● Policy	0.81	1.19	0.00	1.00	100.00



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	0.99	0.95	0.19	0.73	94.41
● Policy	0.98	1.27	0.00	1.00	100.00



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	3.86	1.89	0.30	0.91	93.79
● Policy	3.71	2.01	0.00	1.00	100.00

**City of Ocala**  
**Sawgrass Asset Management - Fixed Income**

**Risk Measures**

1 Year	Fund	Policy	Diff
Negative Periods	5.00	6.00	-1.00
Positive Periods	7.00	6.00	1.00
Batting Average	50.00	50.00	0.00
Worst Qtr	-0.43	-0.49	0.06
Best Qtr	0.52	0.55	-0.03
Range	0.96	1.04	-0.09
Worst 4 Qtrs	0.38	0.22	0.16
Standard Deviation	0.77	0.98	-0.21
Beta	0.79	1.00	-0.21
Alpha	-0.02	0.00	-0.02
R-Squared	98.26	100.00	-1.74
Sharpe Ratio	-0.90	-0.86	-0.03
Treynor Ratio	-0.88	-0.85	-0.03
Tracking Error	0.24	0.00	0.24
Information Ratio	0.65	0.00	0.65

3 Years	Fund	Policy	Diff
Negative Periods	12.00	15.00	-3.00
Positive Periods	24.00	21.00	3.00
Batting Average	41.67	58.33	-16.67
Worst Qtr	-0.63	-1.02	0.39
Best Qtr	1.09	1.61	-0.52
Range	1.72	2.63	-0.91
Worst 4 Qtrs	0.38	0.22	0.16
Standard Deviation	0.87	1.19	-0.33
Beta	0.71	1.00	-0.29
Alpha	0.18	0.00	0.18
R-Squared	94.16	100.00	-5.84
Sharpe Ratio	0.48	0.27	0.21
Treynor Ratio	0.58	0.32	0.26
Tracking Error	0.41	0.00	0.41
Information Ratio	0.22	0.00	0.22

5 Years	Fund	Policy	Diff
Negative Periods	22.00	25.00	-3.00
Positive Periods	38.00	35.00	3.00
Batting Average	45.00	55.00	-10.00
Worst Qtr	-0.70	-1.02	0.32
Best Qtr	1.09	1.61	-0.52
Range	1.79	2.63	-0.84
Worst 4 Qtrs	0.38	0.22	0.16
Standard Deviation	0.95	1.27	-0.32
Beta	0.73	1.00	-0.27
Alpha	0.19	0.00	0.19
R-Squared	94.41	100.00	-5.59
Sharpe Ratio	0.72	0.53	0.19
Treynor Ratio	0.93	0.67	0.26
Tracking Error	0.42	0.00	0.42
Information Ratio	0.01	0.00	0.01

Since Inception	Fund	Policy	Diff
Negative Periods	60.00	69.00	-9.00
Positive Periods	177.00	168.00	9.00
Batting Average	55.70	44.30	11.39
Worst Qtr	-1.71	-1.71	0.00
Best Qtr	4.55	4.17	0.38
Range	6.26	5.88	0.38
Worst 4 Qtrs	0.06	0.13	-0.07
Standard Deviation	1.89	2.01	-0.11
Beta	0.91	1.00	-0.09
Alpha	0.30	0.00	0.30
R-Squared	93.79	100.00	-6.21
Sharpe Ratio	1.04	0.91	0.14
Treynor Ratio	2.17	1.82	0.34
Tracking Error	0.49	0.00	0.49
Information Ratio	0.30	0.00	0.30

Please see Appendix for page explanations.

**City of Ocala**  
**SEIX Investment Advisors - Fixed Income**  
Executive Summary as of March 31, 2018

**Account Reconciliation**

	03/31/2018 QTR	2018 Fiscal YTD	07/31/2003 Incept
Beginning Value	56,420,997	56,514,681	29,599,921
Net Flows	12,007	24,137	7,123,606
Investment G/L	-588,209	-694,024	19,121,268
Ending Value	55,844,794	55,844,794	55,844,794

**Investment Policy**

Index	Weight
ML US Domestic Master 1-10 Years	100.00

**Trailing Returns Through March 31, 2018**

	1 Yr	2 Yr	3 Yr	4 Yr	5 Yr	6 Yr	7 Yr	8 Yr	9 Yr	10 Yr	07/31/2003 Incept
Account	0.13	0.25	0.80	1.60	1.39	1.70	2.28	2.36	2.80	2.79	3.17
Policy	0.49	0.46	1.03	1.83	1.46	1.67	2.20	2.30	2.52	2.53	3.04
Diff	-0.36	-0.21	-0.23	-0.23	-0.06	0.03	0.08	0.06	0.28	0.25	0.13

**Fiscal Year Returns Ending September**

	QTR	2018 YTD	2017	2016	2015	2014	2013	2012	2011	2010	2009
Account	-1.04	-1.23	-0.09	3.58	2.86	2.73	-0.27	4.54	3.74	4.96	8.83
Policy	-1.04	-1.12	0.29	3.59	2.91	2.77	-0.88	4.03	3.59	4.79	6.85
Diff	-0.01	-0.11	-0.38	0.00	-0.05	-0.04	0.61	0.50	0.15	0.17	1.99

**Returns In Up Markets**

	1 Yr	3 Yr	5 Yr	10 Yr
Account	1.4	3.9	3.9	4.8
Policy	1.6	4.3	4.2	4.5
Ratio	84.6	91.2	92.9	105.8

**Returns In Down Markets**

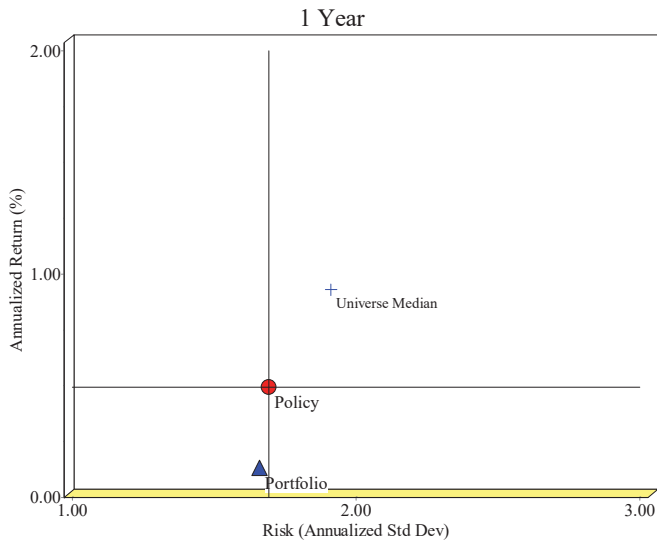
	1 Yr	3 Yr	5 Yr	10 Yr
Account	-1.2	-3.4	-3.2	-2.9
Policy	-1.1	-3.4	-3.5	-3.1
Ratio	109.9	101.3	90.1	92.6

Fiscal year ends in September.  
Returns for periods exceeding one year are annualized. Returns are net time weighted return.  
Please see Appendix for page explanations.

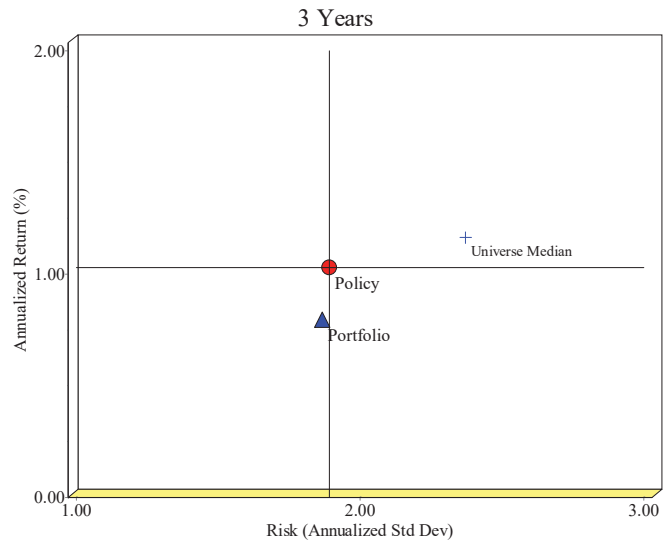


# City of Ocala SEIX Investment Advisors - Fixed Income

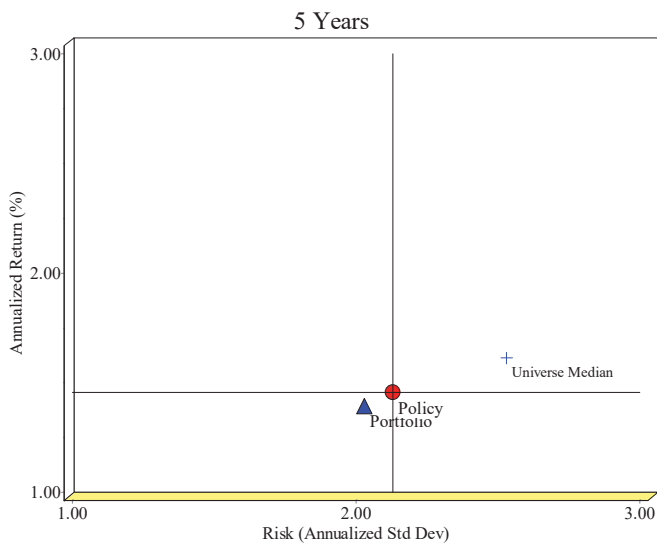
Return vs Risk as of March 31, 2018



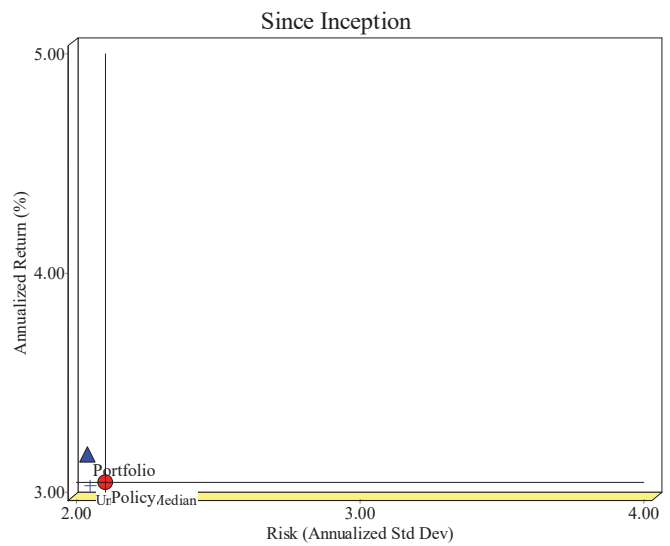
	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	0.13	1.66	-0.37	0.98	99.69
● Policy	0.49	1.69	0.00	1.00	100.00



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	0.80	1.87	-0.22	0.98	98.27
● Policy	1.03	1.89	0.00	1.00	100.00



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	1.39	2.03	0.01	0.94	96.27
● Policy	1.46	2.13	0.00	1.00	100.00



	Return	Std Dev	Alpha	Beta	R-Squared
▲ Portfolio	3.17	2.04	0.26	0.92	89.45
● Policy	3.04	2.10	0.00	1.00	100.00

**City of Ocala**  
**SEIX Investment Advisors - Fixed Income**

**Risk Measures**

1 Year	Fund	Policy	Diff
Negative Periods	6.00	6.00	0.00
Positive Periods	6.00	6.00	0.00
Batting Average	0.00	100.00	-100.00
Worst Qtr	-1.04	-1.04	-0.01
Best Qtr	0.77	0.92	-0.15
Range	1.81	1.95	-0.14
Worst 4 Qtrs	0.13	0.49	-0.36
Standard Deviation	1.66	1.69	-0.03
Beta	0.98	1.00	-0.02
Alpha	-0.37	0.00	-0.37
R-Squared	99.69	100.00	-0.31
Sharpe Ratio	-0.57	-0.34	-0.22
Treynor Ratio	-0.96	-0.58	-0.38
Tracking Error	0.10	0.00	0.10
Information Ratio	-3.59	0.00	-3.59

3 Years	Fund	Policy	Diff
Negative Periods	16.00	17.00	-1.00
Positive Periods	20.00	19.00	1.00
Batting Average	25.00	75.00	-50.00
Worst Qtr	-1.97	-2.00	0.04
Best Qtr	2.12	2.29	-0.17
Range	4.08	4.29	-0.21
Worst 4 Qtrs	0.13	0.42	-0.29
Standard Deviation	1.87	1.89	-0.02
Beta	0.98	1.00	-0.02
Alpha	-0.22	0.00	-0.22
R-Squared	98.27	100.00	-1.73
Sharpe Ratio	0.16	0.28	-0.12
Treynor Ratio	0.31	0.53	-0.23
Tracking Error	0.25	0.00	0.25
Information Ratio	-0.92	0.00	-0.92

5 Years	Fund	Policy	Diff
Negative Periods	25.00	27.00	-2.00
Positive Periods	35.00	33.00	2.00
Batting Average	40.00	60.00	-20.00
Worst Qtr	-1.97	-2.00	0.04
Best Qtr	2.12	2.29	-0.17
Range	4.08	4.29	-0.21
Worst 4 Qtrs	0.13	-0.01	0.14
Standard Deviation	2.03	2.13	-0.10
Beta	0.94	1.00	-0.06
Alpha	0.01	0.00	0.01
R-Squared	96.27	100.00	-3.73
Sharpe Ratio	0.53	0.54	0.00
Treynor Ratio	1.16	1.14	0.01
Tracking Error	0.42	0.00	0.42
Information Ratio	-0.15	0.00	-0.15

Since Inception	Fund	Policy	Diff
Negative Periods	53.00	59.00	-6.00
Positive Periods	123.00	117.00	6.00
Batting Average	47.46	52.54	-5.08
Worst Qtr	-1.97	-2.00	0.04
Best Qtr	3.24	3.75	-0.51
Range	5.20	5.75	-0.55
Worst 4 Qtrs	-0.27	-0.88	0.61
Standard Deviation	2.04	2.10	-0.06
Beta	0.92	1.00	-0.08
Alpha	0.26	0.00	0.26
R-Squared	89.45	100.00	-10.55
Sharpe Ratio	0.96	0.87	0.09
Treynor Ratio	2.12	1.83	0.29
Tracking Error	0.68	0.00	0.68
Information Ratio	0.18	0.00	0.18

Please see Appendix for page explanations.

---

## REPORT EXPLANATIONS

### Executive Summary

The Executive Summary provides an overview of the fund's performance. It shows the performance in dollars, percent, and relative to the investment policy. These statistics are provided over different time periods including up and down markets. All rates of return are annualized if the period for which they are calculated exceeds one year.

**Account Reconciliation:** This section shows the performance of the account in dollars, during the most recent quarter, the calendar year, and since the inception date. The Beginning Value is the value at the start of each period. The Ending Value shows the value as of the date of the report. Net contributions are the total contributions less the total withdrawals during the period. The Investment G/L is the gain or loss resulting from the investments. It is the difference between the beginning and ending values that cannot be explained by the net contributions. Positive investment G/L figures represent a profit, and negative values represent a loss.

**Investment Policy:** This section defines the benchmark against which the fund is being compared. Generally, this is the most important objective for a fund to achieve. The performance of the fund relative to this measure over longer periods of time, such as market cycles, is the strongest indicator of the success or failure of the investment strategy. This objective should be reasonable, and the performance of the fund should be measured against the investment policy after adjusting for risk.

**Trailing Returns:** This section shows the cumulative time weighted returns over the last 1 year, 2 years, and so on up through 10 years if available, as well as since the inception date. A positive difference indicates the fund has exceeded the policy's returns. The investor would prefer that this difference be positive for all time periods; however, it is more important for it to be positive for the longer periods rather than the shorter periods.

**Calendar Year Returns:** This section gauges the consistency of performance over one year time periods. Each calendar year of performance represents the return from January 1st through December 31st. Watch out for a trend of declining relative performance in recent periods.

**Time Weighted Return:** This statistic demonstrates a measure of the compound rate of growth in a portfolio. Because this method eliminates the distorting effects created by the size and timing of cash flows, it is used to compare the returns of investment managers.

**Dollar Weighted Return:** This demonstrates the rate of return for an asset or portfolio of assets. It is calculated by finding the rate of return that will set the present values of all cash flows and terminal values equal to the value of the initial investment. The dollar weighted rate of return incorporates the size and timing of cash flows and is equivalent to the internal rate of return (IRR).

**Returns In Up/Down Markets:** This section shows how the fund performed in both up and down markets. The methodology utilized segregates the performance for each time period into the quarters in which the market, as defined by the policy, was positive and negative. Quarters with negative policy returns are treated as down markets, and quarters with positive policy returns are treated as up markets. Thus, in a 3 year or 12 quarter period, there might be 4 down quarters and 8 up quarters. Up market returns are calculated for the fund and the policy based on the up quarters. Down market returns are calculated for the fund and the policy based on the down quarters. The ratio of the fund's return in up markets to that of the policy is the up market capture ratio. The ratio of the fund's return in down markets to that of the policy is the down market capture ratio. Ideally, the fund would have a greater up market capture ratio and a smaller down market capture ratio.

---

## **Risk Measures**

The evaluation of a fund's performance should extend beyond return to encompass measures of risk. The next two pages illustrate the level of risk to which the fund has been exposed, and whether the return has been commensurate with the risk taken. All measures are calculated for the fund and the policy as well as the difference between the two. Up to four time periods are evaluated depending on the age of the fund.

**# Of Negative Qtrs/# Of Positive Qtrs:** Number of negative quarters shows the number of quarters in which the return was less than zero. The number of positive quarters is the number of quarterly returns which were greater or equal to zero.

**Batting Average:** The batting average is a measure of consistency. It shows the percent of the quarters the fund has beaten the policy and the percent of the quarters the policy has outperformed the fund. A high average for the fund (e.g. over 50) is desirable, indicating the fund has beaten the policy frequently.

**Worst Quarter/Best Quarter/Range:** The worst quarter is the lowest quarterly return experienced during the period, a measure of downside risk. The best quarter is the highest quarterly return, and the range is the difference of the high and low, and indicates dispersion.

**Standard Deviation:** Standard deviation measures the total volatility of the fund, by measuring dispersion. Higher standard deviation indicates higher risk. If the quarterly or monthly returns are all the same the standard deviation will be zero. The more they vary from one another, the higher the standard deviation. Thus, it measures uncertainty, which is a measure of risk.

**Alpha/Beta/R-Squared:** If the policy is appropriate, then the alpha should be positive, the beta close to one, and the r-squared should be high. Beta measures risk relative to the policy. A beta of 1 suggests risk equivalent to the policy. Higher betas indicate higher relative risk. A beta of 1.2 indicates 20% more risk than the policy. The alpha measures the return adjusted for beta. A higher alpha indicates a higher risk adjusted return. R-squared measures the relationship between the policy and the fund. A high r squared means the returns of the fund can largely be explained by movements of the policy. A higher r-squared indicates a more reliable alpha and beta. R-squared may range from 0 to 100. Beta, alpha and r-squared are derived from regression analysis using the fund and policy returns as the dependent and independent variables respectively. Roughly, one would expect the fund's performance to equal the return of the policy multiplied by the beta plus the alpha.

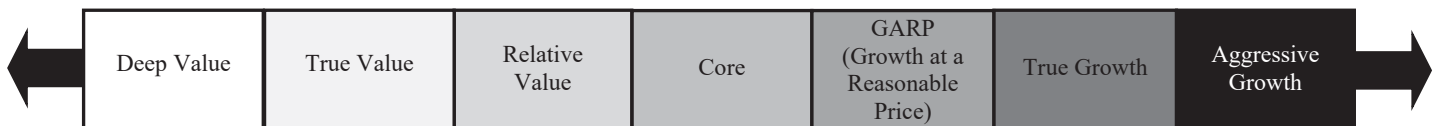
**Sharpe Ratio/Treynor Ratio:** The Sharpe and Treynor ratios are similar. The Sharpe ratio is the excess return per unit of total risk as measured by standard deviation. The Treynor ratio is the excess return per unit of market risk as measured by beta. Both of these should be compared against the corresponding value for the policy. Higher numbers are better, indicating more return for the level of risk that was experienced.

**Tracking Error/Information Ratio:** Tracking error is a measure of how closely a portfolio follows the index to which it is benchmarked, or a measure of the deviation from the benchmark. Dividing portfolio return by portfolio tracking error gives the information ratio, which is a risk adjusted performance metric.

## EQUITY INVESTMENT STYLES

In an attempt to achieve diversification, investors may invest in a variety of asset classes. Different asset classes, such as small, mid, large and all capitalization, offer vastly different levels of risk and potential rewards, but so does investment style diversification. Growth and Value investments tend to go in and out of favor in a cyclical pattern. Dividing your portfolio among asset classes that do not respond to the same market environments the same way at the same time has the potential to help minimize the effects of market volatility, as well as help to maximize the chances of increased returns over time. Ideally, when investments in one class are performing poorly, the assets in another class are doing well. The gains in the latter would potentially offset the losses in the former, minimizing the overall effect on your portfolio. Note that one can diversify away much of the risks of holding a single investment, but one cannot diversify away the risks of simply being invested in the market.

Equity investment managers will typically fall into a particular "Style" category, purchasing stocks with either growth or value characteristics. Understanding the intricacies of the particular equity styles allows you to combine investment managers with complementary styles more efficiently. Or, if you select a single investment style, knowledge of the style categories may help you plan for the ups and downs associated with a particular style. Below are descriptions of the different investment styles.



### The Core Style

The philosophy behind a core investment style is to have no bias towards growth or value, only the quality of the position. Typically a core portfolio searches to buy shares in companies that an investment manager believes would perform well in all market environments. As a result, they tend to contain a mixture of both growth and value shares.

### The Value Style

A simple way to describe value investing is that it is an approach that seeks to buy companies that offer the best value for the money. Value managers look for companies with prices that are believed to be undervalued relative to the market. Undiscovered companies or stocks that have price movements that do not correspond to the company's long-term fundamentals are generally considered to be value investments.

**Relative value:** investment will employ a value-oriented strategy that is "diluted" in nature in comparison with the true value style. Relative value managers tend to outperform their deeper value peers during periods when growth is outperforming value, however tend to trail during market conditions that favor a deeper value posture. Relative value managers have a definite value emphasis, but often have some growth overlays in security selection.

**True value:** investment style exhibits characteristics similar to those of the Russell 1000 Value Index. We often times refer to true value as a "plain vanilla" value investment approach. This type of portfolio will hold many of the same positions as the Russell 1000 Value Index, or positions whose characteristics in aggregate are similar to the overall characteristics of the Index.

**Deep value:** investing is the extreme of the value-oriented styles. A deep value strategy will avoid stocks that are the latest market fad. A deep value manager will typically invest in companies or industries that are out of favor, with the anticipation that the tides will turn and the investment will pay off. Deep value managers tend to demonstrate performance volatility, as they usually outperform their less value -biased peers during periods when value is outperforming growth. The reverse takes place when growth is outperforming, the deeper value styles will generally underperform their relative and true value peers.

---

## **The Growth Style**

Investment managers who chose to implement a growth style search for companies that are growing their earnings at a rapid pace. The companies are expected to grow faster than the stock market average. A growth investor tends to aim for big gains over the long term and must be willing to withstand the ups and downs of the growth oriented market.

**Growth at a Reasonable Price ("GARP")** investing combines the search for sustainable earnings growth with an emphasis on valuation. GARP investing reflects the desire to find companies that could be undervalued, but have solid sustainable growth potential. A GARP investment has historically been favored when the economy begins to slow because the consistent earnings of high quality companies become increasingly attractive. GARP investment managers maintain, generally speaking, that over long periods of time, stocks go up for one reason - underlying earnings growth.

**True Growth:** A true growth portfolio will typically display characteristics similar to those of the Russell 1000 Growth Index. A manager who employs a true growth management style will purchase many of the same companies that are in the Russell 1000 Growth Index, or a portfolio of holdings whose characteristics are similar to those of the Index. They seek to purchase only companies that remain faithful to the category of a "growth" investment style.

**Aggressive Growth:** Investment managers that seek the highest of earnings growth, regardless of valuation, are considered aggressive growth managers. They seek aggressive and sometimes emerging growth stocks, and are often dramatically overweight traditional growth-oriented sectors like Technology, for example.

Which is the best style? Many investors buy into a particular investment style that experienced above- average performance results after those performance results were achieved, only to sell out of that particular style when it begins to suffer a more difficult performance run. We maintain that it is prudent for investors not only to seek out investment managers who have demonstrated consistency as it relates to people, philosophy/process and performance, but also to choose managers in whom they can maintain conviction over the long term, so as to avoid the untimely cost of switching styles. We believe that understanding the uniqueness of each investment style is key to staying the course.

*Source: Wells Fargo Advisors, LLC*