Graystone Consulting

QUARTERLY PERFORMANCE SUMMARY

Prepared for:

City of Ormond Beach Pension Plans

As of September 30, 2018

Graystone Consulting Tampa

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U.S. Equity Market % Returns for the	Period Ending September	30, 2018			
	Quarter	12 Months	Three Years (annualized)	Five Years (annualized)	Seven Years (annualized)
S&P 500 Index	7.71	17.91	17.31	13.95	16.91
Dow Jones Industrial Average	9.63	20.76	20.49	14.57	16.35
Russell 1000 Index	7.42	17.77	17.07	13.67	16.90
Russell 1000 Growth Index	9.17	26.30	20.55	16.58	18.69
Russell 1000 Value Index	5.70	9.45	13.55	10.72	15.02
Russell 2000 Index	3.58	15.24	17.12	11.07	16.43
Russell 2000 Growth Index	5.52	21.06	17.98	12.14	17.52
Russell 2000 Value Index	1.61	9.33	16.12	9.92	15.26
Russell 3000 Index	7.13	17.58	17.07	13.46	16.86
Russell 3000 Growth Index	8.88	25.89	20.36	16.23	18.60
Russell 3000 Value Index	5.39	9.46	13.75	10.65	15.04
Russell Midcap Index	5.00	13.98	14.52	11.65	16.09
Russell Midcap Growth Index	7.58	21.10	16.65	13.00	16.87
Russell Midcap Value Index	3.30	8.81	13.09	10.72	15.54

Past Performance is not a guarantee of future results. Indices are not available for direct investment.

Source: MAX

S&P 500 Sector % Returns for the P	eriod Ending September 30, 2018
	Quarter
Health Care	14.50
Industrials	10.00
Communication Services	9.90
Technology	8.80
Consumer Discretionary	8.20
Consumer Staples	5.70
Financials	4.40
Utilities	2.40
Real Estate	0.90
Energy	0.60
Materials	0.40

Past Performance is not a guarantee of future results. Indices are not available for direct investment.

Source: MAX



Developed Markets Equity % Returns fo	U.S.	Dollar	Local C	Currency
	Quarter	12 Months	Quarter	12 Months
egional and Other Multi Country Indices				
MSCI EAFE	1.36	2.74	2.42	5.62
MSCI Europe	0.80	(0.30)	1.24	2.66
MSCI Far East	3.15	9.45	5.32	10.33
MSCI Pacific ex. Japan	(0.55)	4.27	0.66	9.62
MSCI The World	5.10	11.84	N/A	N/A
MSCI World ex. U.S.	1.31	2.67	2.13	5.65
National Indices				
MSCI Hong Kong	(0.95)	2.89	(1.19)	3.07
MSCI Ireland	(5.34)	(5.72)	N/A	N/A
MSCI Japan	3.81	10.57	6.46	11.57
MSCI Singapore	2.19	6.96	2.40	7.63

	U.S.	Dollar	Local C	Currency
	Quarter	12 Months	Quarter	12 Months
egional and Other Multi Country Indices				
MSCI EM	(0.95)	(0.44)	0.11	3.03
MSCI China	(7.42)	(2.05)	(7.56)	(1.83)
MSCI Malaysia	3.81	7.61	(7.56)	(1.83)
MSCI Taiwan	7.15	10.67	7.31	11.43
MSCI Thailand	13.72	15.50	13.72	15.50



	Quarter	12 Months	Three Years (annualized)	Five Years (annualized)	10 Years (annualized)
J.S. Fixed Income					
90-Day Treasury Bill	0.50	1.57	0.80	0.49	0.32
Barclays Capital Aggregate	0.02	(1.22)	1.31	2.16	3.77
Barclays Capital Credit	0.89	(1.10)	2.98	3.40	5.94
Barclays Capital Govt/Credit	0.06	(1.37)	1.45	2.23	3.95
Barclays Capital Government	(0.57)	(1.57)	0.26	1.34	2.66
Barclays Capital High Yield	2.40	3.05	8.15	5.55	9.46
Barclays Capital Intermediate Govt/Credit	0.21	(0.96)	0.91	1.52	3.22
Barclays Capital Long Govt/Credit	(0.47)	(2.73)	3.43	5.18	7.11
Barclays Capital Mortgage Backed	(0.12)	(0.92)	0.98	2.02	3.33
Barclays Capital Municipal	(0.15)	0.35	2.24	3.54	4.75
Global Fixed Income					
Merrill Lynch Global High Yield	2.01	1.25	7.86	4.78	9.24
Barclays Global Treasury ex. U.S.	(1.66)	(1.68)	2.44	(0.20)	2.35
Barclays Capital Majors ex. U.S.	(2.56)	(1.55)	2.17	(0.34)	2.08

Source: MAX

SUMMARY OF RELEVANT FACTS City of Ormond Beach General Employees' Pension Plan As of September 30, 2018

Distribution of Assets:			Other Important	Facts:				
Equity			Total Portfolio	. 40101	\$51,554,868			
Large Cap Value	\$11,643,043		Total Gain or (Los	ss) - Gross	\$2,305,554			
Large Cap Growth	\$12,374,320		Total Gain or (Los	•	\$2,258,949			
Small/Mid Cap Value	\$2,899,008		Total Fees	,	(\$46,605)			
Small/Mid Cap Growth	\$3,116,041				, , ,			
International Value	\$3,180,264		HGK (Large Cap	Value)		FIERA (Formerly APE	EX) (Small/Mid Cap Gr	owth)
International Growth	\$3,160,240		Total Assets	100.00%	\$11,643,043	Total Assets	100.00%	\$3,116,041
Total Equity		\$36,372,917	Equity	98.82%	\$11,506,080	Equity	97.27%	\$3,030,938
Fixed Income		\$15,053,469	Cash	1.18%	\$136,963	Cash	2.73%	\$85,103
Cash (R&D Account)		<u>\$128,482</u>	Fees		(\$10,533)	Fees		(\$4,420)
Total Portfolio		\$51,554,868	Gain or (Loss)		\$656,691	Gain or (Loss)		\$174,045
Distribution by Percentages:	Policy	Current	SAWGRASS (Lai	ge Cap Growth)		DELAWARE (Internat	ional Value)	
Equity			Total Assets	100.00%	\$6,120,130	Total Assets	100.00%	\$3,180,264
Large Cap Value	22.50%	22.58%	Equity	97.90%	\$5,991,470	Equity	97.79%	\$3,109,952
Large Cap Growth	22.50%	24.00%	Cash	2.10%	\$128,659	Cash	2.21%	\$70,312
Small/Mid Cap Value	5.00%	5.62%	Fees		(\$7,615)	Fees		(\$5,852)
Small/Mid Cap Growth	5.00%	6.04%	Gain or (Loss)		\$582,921	Gain or (Loss)		\$58,063
International Value	5.00%	6.17%						
International Growth	<u>5.00%</u>	<u>6.13%</u>	POLEN (Large C	ap Growth)		RENAISSANCE (Inter	national Growth)	
Total Equity	65.00%	70.55%	Total Assets	100.00%	\$6,254,191	Total Assets	100.00%	\$3,160,240
Fixed Income	35.00%	29.20%	Equity	99.03%	\$6,193,581	Equity	98.77%	\$3,121,462
Cash (R&D Account)	0.00%	0.25%	Cash	0.97%	\$60,610	Cash	1.23%	\$38,778
Total	100.00%	100.00%	Fees		(\$8,649)	Fees		(\$5,066)
			Gain or (Loss)		\$607,933	Gain or (Loss)		\$41,607
RECEIPTS & DISBURSEMENT			CAMBIAR (Small	/Mid Cap Value)		GARCIA HAMILTON ((Fixed Income)	
Total Assets (Cash)		\$128,482	Total Assets	100.00%	\$2,899,008	Total Assets	100.00%	\$15,053,469
Gain or (Loss)		\$340	Equity	99.73%	\$2,891,202	Fixed Income	97.75%	\$14,715,203
			Cash	0.27%	\$7,806	Cash	2.25%	\$338,266
			Fees		(\$4,469)	Fees		\$0
			Gain or (Loss)		\$153,158	Gain or (Loss)		\$30,795

BREAKDOWN OF RETURNS City of Ormond Beach General Employees' Pension Plan As of September 30, 2018

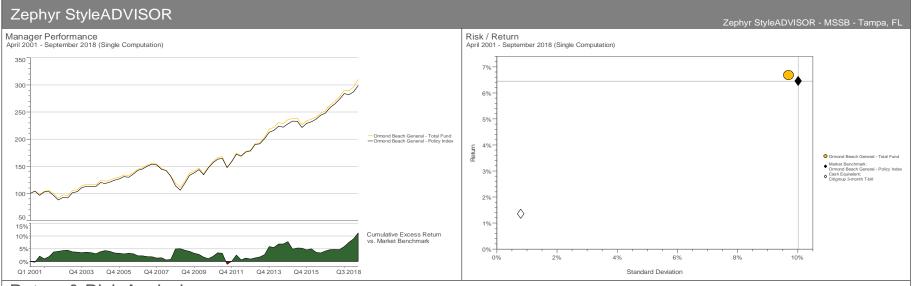
Actuarial Rate of Return = 6.75%

EQUITY HGK	Your Returns (Gross-of-Fees)	Your Returns (Net-of-Fees)	Russ 1000 Value	PSN Money Mgrs.	S&P 500	
Quarter	5.92	5.82	5.70	5.46	7.71	
1 Year	13.90	13.48	9.45	11.00	17.91	
3 Year	15.65	15.22	13.55	14.40	17.31	
5 Year	9.65	9.24	10.72	11.30	13.95	
Since 4/30/2009	13.17	12.76	14.39	NA	16.07	
Sawgrass			Russ 1000 Growth	PSN Money Mgrs.	S&P 500	
Quarter	10.35	10.21	9.17	7.79	7.71	
1 Year	23.90	23.25	26.30	21.58	17.91	
3 Year	17.13	16.51	20.55	17.77	17.31	
5 Year	14.50	13.88	16.58	14.57	13.95	
Since 4/30/2012	14.86	14.21	16.20	NA	14.51	
Saw/Ren - Since 7/31/2007	8.75	8.15	10.94	NA	8.72	
Polen			Russ 1000 Growth	PSN Money Mgrs.	S&P 500	
Quarter	10.61	10.45	9.17	7.79	7.71	
1 Year	31.62	30.82	26.30	21.58	17.91	
3 Year	20.76	20.04	20.55	17.77	17.31	
5 Year	19.91	19.20	16.58	14.57	13.95	
Since 4/30/2012	16.87	16.21	16.20	NA	14.51	
Cambiar			Russ 2500 Value	PSN Money Mgrs.		
Quarter	5.57	5.41	2.67	2.96		
1 Year	15.49	14.76	10.24	9.60		
Since 6/30/2016	18.82	18.14	14.45	17.43		
Cambiar/ GW Capital - 3 Year	16.16	15.43	14.52	14.04		
Cambiar/ GW Capital - 5 Year	8.74	8.00	9.99	10.78		
Cambiar/ GW Capital - Since 10/31/2008	14.88	14.09	13.23	NA		
Fiera (Formerly APEX)			Russ 2500 Growth	PSN Money Mgrs.		
Quarter	5.91	5.76	7.17	6.94		
1 Year	22.83	22.12	23.13	22.29		
3 Year	15.48	14.79	17.96	17.30		
Since 1/31/2015	11.91	11.28	13.73	NA		
Fiera/ETF/Perimeter- 5 Year	11.34	10.67	12.88	12.93		
Fiera/ETF/Perimeter- Since 4/30/2009	15.63	14.92	17.57	NA		
Delaware			MSCI EAFE (Net)	MSCI EAFE Val		
Quarter	1.85	1.67	1.36	1.18		
1 Year	0.66	(0.02)	2.74	(0.36)		
3 Year	8.30	7.53	9.23	8.12		
5 Year	5.28	4.49	4.42	3.14		
Since 7/31/2005	5.33	4.54	4.87	3.92		

Renaissance			MSCI AC Wd x US	MSCI EAFE Grth		
Quarter	1.33	1.17	0.71	1.53		
1 Year		(0.84)	1.76	5.85		
3 Year		8.50	9.97	10.26		
5 Year		4.87	4.12	5.62		
Since 4/30/2009	9.93	9.25	8.22	9.75		
FIXED INCOME						
Garcia Hamilton			BC Int. Govt/Credit	BC Int. Aggregate	90-Day T-Bill	
Quarter		0.20	0.21	0.11	0.50	
1 Year		(0.18)	(0.96)	(0.93)	1.57	
3 Year		1.25	0.91	0.95	0.80	
5 Year	2.51	2.28	1.52	1.70	0.49	
Since 9/30/2003	4.57	4.30	3.23	3.47	1.24	
TOTAL RETURN						
Time-Weighted Return			Policy Index			
Quarter		4.55	4.00			
1 Year		10.96	9.28			
3 Year		10.49	10.51			
5 Year		8.27	8.28			
Since 3/31/2001	6.68	6.19	6.45			
TOTAL RETURN						
Dollar-Weighted Net			Actuarial Rate	CPI +4		
Quarter		4.56	1.65	1.47		
1 Year		10.96	6.75	6.44		
3 Year		10.46	6.75	6.07		
5 Year		8.23	6.75	5.54		
Since 3/31/2001		6.02	6.75	6.11		

Policy Index = 30% Russell 1000 Value + 30% Russell 1000 Growth + 20% BC Aggregate + 20% BC Intermediate Gov't/Credit Bonds for periods prior to June 30, 2005; 27.5% Russell 1000 Value + 27.5% Russell 1000 Growth + 10% MSCI EAFE (Net) + 17.5% BC Aggregate + 17.5% BC Intermediate Gov't/Credit Bonds for periods from June 30, 2005 to October 31, 2008; 25% Russell 1000 Value + 25% Russell 1000 Growth + 5% Russell 2500 Value + 10% MSCI EAFE (Net) + 17.5% BC Aggregate + 17.5 BC Intermediate Gov't/Credit Bonds for periods October 31, 2008 to April 30, 2009; & 22.5% Russell 1000 Value + 22.5% Russell 1000 Growth + 5% Russell 2500 Value + 5% Russell 2500 Growth + 5% MSCI EAFE (Net) + 5% MSCI AC World ex US + 35% BC Intermediate Gov't/Credit Bonds for periods since April 30, 2009

Risk/Return Analysis - Since Inception



Return & Risk Analysis

April 2001 - September 2018: Summary Statistics

	Return	Excess Return vs. Market	Standard Deviation	Beta vs. Market	Maximum Drawdown	Up Capture vs. Market	Down Capture vs. Market	Alpha vs. Market	Sharpe Ratio	R-Squared vs. Market
Ormond Beach General - Total Fund	6.68%	0.22%	9.69%	0.96	-28.93%	98.99%	94.46%	0.49%	0.55	97.37%
Ormond Beach General - Policy Index	6.46%	0.00%	10.01%	1.00	-31.33%	100.00%	100.00%	0.00%	0.51	100.00%

Ormond Beach General Employees' Pension Fund

As of September 30, 2018

		•	
GUIDELINES	In Compliance	OBJECTIVES	Met
Equity Portfolio		Total Portfolio	
Listed on recognized exchange	Yes	Exceed Target Index - Since 3/31/2001	Yes
Single issue not to exceed 10% at market value for each equity separately managed portfolio	Yes	Exceed actuarial assumption (6.75%) - Since 3/31/2001	No
Each equity portfolio < 70% & > 60% of total fund at	No (70.55%)	HGK	
market value	140 (10.0070)	Equities > Russell 1000 Value - Since 4/30/2009	No
market value		Rank in the Top 50% - Since 4/30/2009	No
Fixed Income Portfolio		Sawgrass	
U.S. Government / Agency or U.S. Corporations	Yes	·	No
Fixed Income Portfolio < 40% & > 30%		Equities > Russell 1000 Growth - Since 4/30/2012	
	No (29.20%)	Rank in the Top 50% - Since 4/30/2012	No
Corporate Bonds rated "A" or better	Yes*	Dalan	
CMOs < 15% of fixed Income portfolio at market	Yes	Polen	V
Single corporate issuer not exceed 5% of bond portfolio	Yes	Equities > Russell 1000 Growth - Since 4/30/2012	Yes
Single corporate issuer not exceed 5% of total fund	Yes	Rank in the Top 50% - Since 4/30/2012	Yes
* A couple of securities contain "A" or better rating by another major rating service			
		Cambiar Day 11 0500 N/ H 201 0 100/00 10	
		Equities > Russell 2500 Value - Since 6/30/2016	Yes
		Rank in the Top 50% - Since 6/30/2016	Yes
		Fiera (Formerly APEX)	
		Equities > Russell 2500 Growth - Since 1/31/2015	No
		Rank in the Top 50% - Since 1/31/2015	No
		<u>Delaware</u>	
		Equities > MSCI EAFE (Net) - Since 7/31/2005	Yes
		Renaissance	
		Equities > MSCI AC World ex US - Since 4/30/2009	Yes
		Garcia Hamilton & Associates	
		Bonds > BC Intermediate Gov't/Credit - Since 3/31/2001	Yes

SUMMARY OF RELEVANT FACTS City of Ormond Beach Firefighters' Pension Plan As of September 30, 2018

Distribution of Assets:			Other Important F	acte:				
Equity			Total Portfolio	acis.	\$31,414,247			
Large Cap Value	\$7,134,518	_	Total Gain or (Loss	s) - Gross	\$1,404,081			
Large Cap Growth	\$7,810,771		Total Gain or (Loss	-	\$1,370,571			
Small/Mid Cap Value	\$1,765,673	_	Total Fees	5) - NGL	(\$33,510)			
Small/Mid Cap Growth	\$1,965,919	_	Total Lees		(ψου,σ το)			
International Value	\$1,731,985		HGK (Large Cap \	/alue)		FIERA (Formerly APE	X) (Small/Mid Cap Gro	owth)
International Growth	\$1,721,390		Total Assets	100.00%	\$7,134,518	Total Assets	100.00%	\$1,965,919
Total Equity	<u> </u>	\$22,130,256	Equity	97.26%	\$6,938,952	Equity	97.19%	\$1,910,626
Fixed Income		\$8,912,161	Cash	2.74%	\$195,566	Cash	2.81%	\$55,293
Cash (R&D Account)		\$371,830	Fees		(\$6,404)	Fees		(\$2,789)
Total Portfolio		\$31,414,247	Gain or (Loss)		\$393,886	Gain or (Loss)		\$109,422
Distribution by Percentages:	Policy	Current	SAWGRASS (Larg	re Can Growth)		DELAWARE (Internati	onal Value)	
Equity	ronoy	Garrone	Total Assets	100.00%	\$3,826,817	Total Assets	100.00%	\$1,731,985
Large Cap Value	22.5%	22.71%	Equity	96.64%	\$3,698,421	Equity	97.82%	\$1,694,180
Large Cap Growth	22.5%	24.86%	Cash	3.36%	\$128,396	Cash	2.18%	\$37,805
Small/Mid Cap Value	5.0%	5.62%	Fees	0.0070	(\$4,678)	Fees	2.1070	(\$3,187)
Small/Mid Cap Growth	5.0%	6.26%	Gain or (Loss)		\$357,430	Gain or (Loss)		\$31,625
International Value	5.0%	5.51%	Jan. 3. (2000)		ψου, του	Jan. 6. (2000)		ψο.,σ=σ
International Growth	5.0%	5.48%	POLEN (Large Ca	p Growth)		RENAISSANCE (Interi	national Growth)	
Total Equity	65.0%	70.45%	Total Assets	100.00%	\$3,983,953	Total Assets	100.00%	\$1,721,390
Fixed Income	35.0%	28.37%	Equity	98.49%	\$3,923,925	Equity	98.79%	\$1,700,521
Cash (R&D Account)	0.0%	1.18%	Cash	1.51%	\$60,028	Cash	1.21%	\$20,869
Total	100.0%	100.00%	Fees		(\$5,399)	Fees		(\$2,767)
			Gain or (Loss)		\$380,150	Gain or (Loss)		\$18,506
RECEIPTS & DISBURSEMENT			CAMBIAR (Small/	Mid Cap Value)		GARCIA HAMILTON (I	Fixed Income)	
Total Assets (Cash)		\$371,830	Total Assets	100.00%	\$1,765,673	Total Assets	100.00%	\$8,912,161
Gain or (Loss)		\$1,159	Equity	99.47%	\$1,756,266	Fixed Income	96.48%	\$8,598,212
, ,		•	Cash	0.53%	\$9,407	Cash	3.52%	\$313,950
			Fees		(\$2,722)	Fees		(\$5,563)
			Gain or (Loss)		\$93,479	Gain or (Loss)		\$18,424

BREAKDOWN OF RETURNS City of Ormond Beach Firefighters' Pension Plan As of September 30, 2018

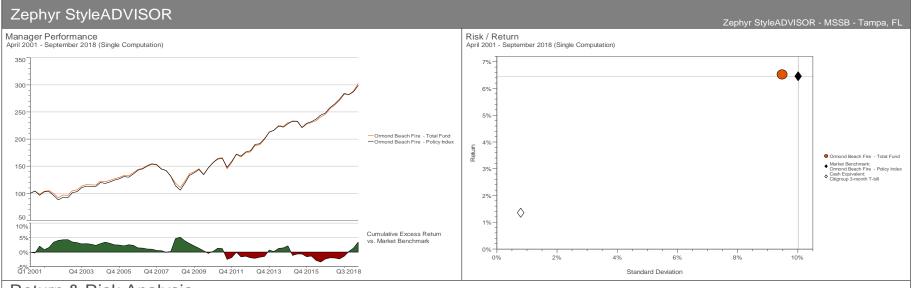
Actuarial Rate of Return = 7.00%

EQUITY HGK	Your Returns (Gross-of-Fees)	Your Returns (Net-of-Fees)	Russ 1000 Value	PSN Money Mgrs.	S&P 500	
Quarter	5.84	5.74	5.70	5.46	7.71	
1 Year	13.98	13.56	9.45	11.00	17.91	
3 Year	15.80	15.36	13.55	14.40	17.31	
5 Year	9.72	9.30	10.72	11.30	13.95	
Since 4/30/2009	13.21	12.80	14.39	NA	16.07	
Sawgrass			Russ 1000 Growth	PSN Money Mgrs.	S&P 500	
Quarter	10.29	10.15	9.17	7.79	7.71	
1 Year	23.78	23.04	26.30	21.58	17.91	
3 Year	17.07	16.42	20.55	17.77	17.31	
5 Year	14.31	13.68	16.58	14.57	13.95	
Since 4/30/2012	14.68	14.03	16.20	NA	14.51	
Saw/Ren - Since 7/31/2007	8.66	8.07	10.94	NA	8.72	
Polen			Russ 1000 Growth	PSN Money Mgrs.	S&P 500	
Quarter	10.54	10.38	9.17	7.79	7.71	
1 Year	31.42	30.65	26.30	21.58	17.91	
3 Year	20.60	19.89	20.55	17.77	17.31	
5 Year	19.81	19.11	16.58	14.57	13.95	
Since 4/30/2012	16.80	16.13	16.20	NA	14.51	
Cambiar			Russ 2500 Value	PSN Money Mgrs.		
Quarter	5.58	5.42	2.67	2.96		
1 Year	15.38	14.65	10.24	9.60		
Since 6/30/2016	18.78	18.09	14.45	17.43		
Cambiar/ GW Capital - 3 Year	16.12	15.39	14.52	14.04		
Cambiar/ GW Capital - 5 Year	8.71	7.96	9.99	10.78		
Cambiar/ GW Capital - Since 10/31/2008	14.90	14.13	13.23	NA		
Fiera (Formerly APEX)			Russ 2500 Growth	PSN Money Mgrs.		
Quarter	5.89	5.73	7.17	6.94		
1 Year	22.75	22.05	23.13	22.29		
3 Year	15.48	14.80	17.96	17.30		
Since 1/31/2015	11.91	11.32	13.73	NA		
Fiera/ETF/Perimeter- 5 Year	11.33	10.70	12.88	12.93		
Fiera/ETF/Perimeter- Since 4/30/2009	15.40	14.68	17.57	NA		
Delaware			MSCI EAFE (Net)	MSCI EAFE Val		
Quarter	1.86	1.67	1.36	1.18		
1 Year	0.27	(0.40)	2.74	(0.36)		
3 Year	8.22	7.45	9.23	8.12		
5 Year	5.23	4.47	4.42	3.14		
Since 7/31/2005	5.38	4.61	4.87	3.92		

Renaissance			MSCI AC Wd x US	MSCI EAFE Grth		
Quar		0.92	0.71	1.53		
1 Ye		(1.21)	1.76	5.85		
3 Ye	ar 9.13	8.49	9.97	10.26		
5 Ye	ar 5.36	4.69	4.12	5.62		
Since 4/30/20	09 10.00	9.32	8.22	9.75		
FIXED INCOME						
Garcia Hamilton			BC Int. Govt/Credit	BC Int. Aggregate	90-Day T-Bill	
Quari		0.14	0.21	0.11	0.50	
1 Ye	ar 0.38	0.13	(0.96)	(0.93)	1.57	
3 Ye	ar 1.63	1.38	0.91	0.95	0.80	
5 Ye		2.39	1.52	1.70	0.49	
Since 9/30/20	03 4.53	4.25	3.23	3.47	1.24	
TOTAL RETURN						
Combined Managers			Policy Index			
Quari		4.57	4.00			
1 Ye		11.00	9.28			
3 Ye		10.51	10.51			
5 Ye		8.16	8.28			
Since 3/31/20	01 6.53	6.04	6.45			
TOTAL RETURN						
Dollar-Weighted Net			Actuarial Rate	CPI +4		
Quari		4.57	1.71	1.47		
1 Ye		10.99	7.00	6.44		
3 Ye		10.48	7.00	6.07		
5 Ye		8.14	7.00	5.54		
Since 3/31/20	01	6.19	7.00	6.11		

Policy Index = 30% Russell 1000 Value + 30% Russell 1000 Growth + 20% BC Aggregate + 20% BC Intermediate Gov't/Credit Bonds for periods prior to June 30, 2005; 27.5% Russell 1000 Value + 27.5% Russell 1000 Growth + 10% MSCI EAFE (Net) + 17.5% BC Aggregate + 17.5% BC Intermediate Gov't/Credit Bonds for periods from June 30, 2005 to October 31, 2008; 25% Russell 1000 Value + 25% Russell 1000 Growth + 5% Russell 2500 Value + 10% MSCI EAFE (Net) + 17.5% BC Aggregate + 17.5 BC Intermediate Gov't/Credit Bonds for periods October 31, 2008 to April 30, 2009; & 22.5% Russell 1000 Value + 22.5% Russell 1000 Growth + 5% Russell 2500 Value + 5% Russell 2500 Growth + 5% MSCI EAFE (Net) + 5% MSCI AC World ex US + 35% BC Intermediate Gov't/Credit Bonds for periods since April 30, 2009

Risk/Return Analysis - Since Inception



Return & Risk Analysis
April 2001 - September 2018: Summary Statistics

	Return	Excess Return vs. Market	Standard Deviation	Beta vs. Market	Maximum Drawdown	Up Capture vs. Market	Down Capture vs. Market	Alpha vs. Market	Sharpe Ratio	R-Squared vs. Market
Ormond Beach Fire - Total Fund	6.52%	0.07%	9.48%	0.93	-28.48%	96.91%	93.08%	0.46%	0.55	97.37%
Ormond Beach Fire - Policy Index	6.46%	0.00%	10.01%	1.00	-31.33%	100.00%	100.00%	0.00%	0.51	100.00%

Ormond Beach Firefighters' Pension Fund

As of September 30, 2018

Official Beach Firenginers Fension Fund	As of September 30, 20 h		
GUIDELINES	In Compliance	OBJECTIVES	Met
Equity Portfolio		Total Portfolio	
Listed on recognized exchange	Yes	Exceed Target Index - Since 3/31/2001	Yes
Single issue not to exceed 10% at market value for each equity separately managed portfolio	Yes	Exceed actuarial assumption (7.00%) - Since 3/31/2001	No
Each equity portfolio < 70% & > 60% of total fund at	No (70.45%)	<u>HGK</u>	
market value		Equities > Russell 1000 Value - Since 4/30/2009	No
No scrutinized companies (Sudan/Iran) held per	Yes	Rank in the Top 50% - Since 4/30/2009	No
Protecting Florida's Investments Act requirement		Sawaraca	
Fixed Income Portfolio		<u>Sawgrass</u> Equities > Russell 1000 Growth - Since 4/30/2012	No
U.S. Government / Agency or U.S. Corporations	Yes	Rank in the Top 50% - Since 4/30/2012	No
Fixed Income Portfolio < 40% & > 30%	No (28.37%)	Rank in the 10p 30 % - Since 4/30/2012	NO
Corporate Bonds rated "A" or better	Yes*	Polen	
CMOs < 15% of fixed Income portfolio at market	Yes	Equities > Russell 1000 Growth - Since 4/30/2012	Yes
Single corporate issuer not exceed 5% of bond portfolio	Yes	Rank in the Top 50% - Since 4/30/2012	Yes
Single corporate issuer not exceed 5% of total fund	Yes	Name in the 10p 0070 - Onios 1700/2012	100
* A couple of securities contain "A" or better rating by another major rating service	100	Cambiar	
7. Couple of coodinate contain 7. of bottor rating by another major rating contact		Equities > Russell 2500 Value - Since 6/30/2016	Yes
		Rank in the Top 50% - Since 6/30/2016	Yes
		Fiera (Formerly APEX)	
		Equities > Russell 2500 Growth - Since 1/31/2015	No
		Rank in the Top 50% - Since 1/31/2015	No
		<u>Delaware</u>	
		Equities > MSCI EAFE (Net) - Since 7/31/2005	Yes
		Renaissance Equities > MSCI AC World ex US - Since 4/30/2009	Yes
		Garcia Hamilton & Associates Bonds > BC Intermediate Gov't/Credit - Since 3/31/2001	Yes

SUMMARY OF RELEVANT FACTS City of Ormond Beach Police Officers' Pension Plan As of September 30, 2018

Distribution of Assets:			Other Important Fa	acts:				
Equity			Total Portfolio		\$34,741,386			
Large Cap Value	\$8,520,871		Total Gain or (Loss)) - Gross	\$1,600,477			
Large Cap Growth	\$8,612,772		Total Gain or (Loss)	Total Gain or (Loss) - Net				
Small/Mid Cap Value	\$1,838,693		Total Fees		(\$47,185)			
Small/Mid Cap Growth	\$2,157,737							
International Value	\$2,043,408		HGK (Large Cap V	alue)		FIERA (Formerly AF	PEX) (Small/Mid	Cap Growth)
International Growth	<u>\$2,024,358</u>		Total Assets	100.00%	\$8,520,871	Total Assets	100.00%	\$2,157,737
Total Equity		\$25,197,838	Equity	98.99%	\$8,434,572	Equity	97.24%	\$2,098,266
Fixed Income		\$9,202,234	Cash	1.01%	\$86,299	Cash	2.76%	\$59,471
Cash (R&D Account)		<u>\$341,315</u>	Fees	_	(\$7,778)	Fees		(\$3,061)
Total Portfolio		\$34,741,386	Gain or (Loss)		\$479,144	Gain or (Loss)		\$120,175
Distribution by Percentages:	Policy	Current	SAWGRASS (Larg	e Cap Growth)		DELAWARE (Intern	ational Value)	
Equity			Total Assets	100.00%	\$4,167,171	Total Assets	100.00%	\$2,043,408
Large Cap Value	22.5%	24.53%	Equity	98.31%	\$4,096,645	Equity	97.73%	\$1,997,051
Large Cap Growth	22.5%	24.79%	Cash	1.69%	\$70,526	Cash	2.27%	\$46,357
Small/Mid Cap Value	5.0%	5.29%	Fees	_	(\$5,176)	Fees		(\$3,760)
Small/Mid Cap Growth	5.0%	6.21%	Gain or (Loss)		\$395,883	Gain or (Loss)		\$37,193
International Value	5.0%	5.88%						
International Growth	<u>5.0%</u>	5.83%	POLEN (Large Cap	Growth)		RENAISSANCE (Inte	ernational Grow	rth)
Total Equity	65.0%	72.53%	Total Assets	100.00%	\$4,445,601	Total Assets	100.00%	\$2,024,358
Fixed Income	35.0%	26.49%	Equity	98.48%	\$4,377,864	Equity	98.84%	\$2,000,934
Cash (R&D Account)	<u>0.0%</u>	<u>0.98%</u>	Cash	1.52%	\$67,737	Cash	1.16%	\$23,424
Total	100.0%	100.00%	Fees	_	(\$6,178)	Fees		(\$3,254)
			Gain or (Loss)		\$430,098	Gain or (Loss)		\$21,516
RECEIPTS & DISBURSEMENT			CAMBIAR (Small/N	/lid Cap Value)		GARCIA HAMILTON	I (Fixed Income	e)
Total Assets (Cash)		\$341,315	Total Assets	100.00%	\$1,838,693	Total Assets	100.00%	\$9,202,234
Gain or (Loss)		\$371	Equity	99.61%	\$1,831,461	Fixed Income	99.23%	\$9,131,305
			Cash	0.39%	\$7,232	Cash	0.77%	\$70,929
			Fees		(\$2,835)	Fees		(\$15,142)
			Gain or (Loss)		\$97,109	Gain or (Loss)		\$18,989

BREAKDOWN OF RETURNS City of Ormond Beach Police Officers' Pension Plan As of September 30, 2018

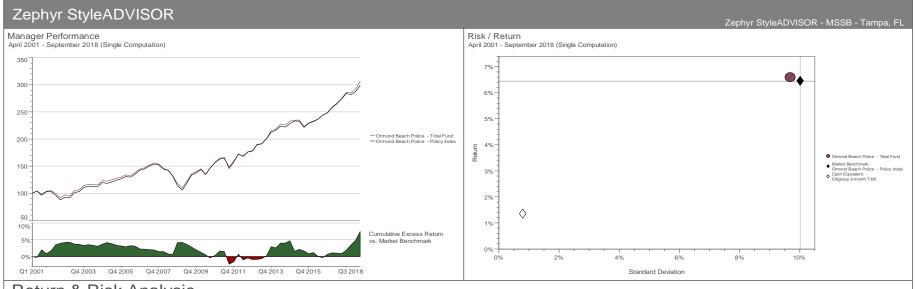
Actuarial Rate of Return = 6.75%

EQUITY HGK	Your Returns (Gross-of-Fees)	Your Returns (Net-of-Fees)	Pure 4000 Velue	DON Marray Marra	C 2 D 500	
Quarter	(Gross-or-Fees) 5.86	(Net-or-rees) 5.76	Russ 1000 Value 5.70	PSN Money Mgrs. 5,46	S&P 500 7.71	
1 Year	13.71	13.29	9.45	11.00	17.91	
3 Year	15.65	15.22	13.55	14.40	17.31	
5 Year	9.61	9.20	10.72	11.30	13.95	
Since 4/30/2009	13.11	12.70	14.39	NA	16.07	
Sawgrass	10.11	12.110	Russ 1000 Growth	PSN Money Mgrs.	S&P 500	
Quarter	10.32	10.18	9.17	7.79	7.71	
1 Year	23.78	23.13	26.30	21.58	17.91	
3 Year	17.14	16.52	20.55	17.77	17.31	
5 Year	14.46	13.84	16.58	14.57	13.95	
Since 4/30/2012	14.85	14.20	16.20	NA	14.51	
Saw/Ren - Since 7/31/2007	8.73	8.13	10.94	NA	8.72	
Polen			Russ 1000 Growth	PSN Money Mgrs.	S&P 500	
Quarter	10.63	10.47	9.17	7.79	7.71	
1 Year	31.48	30.51	26.30	21.58	17.91	
3 Year	20.69	19.98	20.55	17.77	17.31	
5 Year	20.02	19.31	16.58	14.57	13.95	
Since 4/30/2012	16.95	16.28	16.20	NA	14.51	
Cambiar			Russ 2500 Value	PSN Money Mgrs.		
Quarter	5.57	5.40	2.67	2.96		
1 Year	15.51	14.78	10.24	9.60		
Since 6/30/2016	18.86	18.17	14.45	17.43		
Cambiar/ GW Capital - 3 Year	16.28	15.63	14.52	14.04		
Cambiar/ GW Capital - 5 Year	8.79	8.09	9.99	10.78		
Cambiar/ GW Capital - Since 10/31/2008	14.95	14.18	13.23	NA		
Fiera (Formerly APEX)	F 00	F 74	Russ 2500 Growth	PSN Money Mgrs.		
Quarter	5.89 22.72	5.74	7.17 23.13	6.94		
1 Year 3 Year	22.72 15.48	22.01	23.13 17.96	22.29 17.30		
Since 1/31/2015	11.91	14.80 11.28	13.73	17.30 NA		
Fiera/ETF/Perimeter- 5 Year	11.35			12.93		
Fiera/ETF/Perimeter- Since 4/30/2009	15.72	10.68 14.98	12.88 17.57	12.93 NA		
Delaware	13.72	14.90		MSCI EAFE Val		
Quarter	1.85	1.66	MSCI EAFE (Net) 1.36	1.18		
1 Year	0.89	0.19	2.74	(0.36)		
3 Year	8.35	7.57	9.23	8.12		
5 Year	5.30	4.53	4.42	3.14		
Since 7/31/2005	5.33	4.56	4.87	3.92		
Since 7/31/2005	5.33	4.56	4.87	3.92		

Renaissance				MSCI AC Wd x US	MSCI EAFE Grth		
	Quarter	1.07	0.91	0.71	1.53		
	1 Year	(0.67)	(1.28)	1.76	5.85		
	3 Year	9.18	8.49	9.97	10.26		
	5 Year	5.53	4.82	4.12	5.62		
	e 4/30/2009	10.02	9.36	8.22	9.75		
FIXED INCOME							
Garcia Hamilton				BC Int. Govt/Credit	BC Int. Aggregate	90-Day T-Bill	
	Quarter	0.21	0.04	0.21	0.11	0.50	
	1 Year	0.39	0.03	(0.96)	(0.93)	1.57	
	3 Year	1.64	1.35	0.91	0.95	0.80	
	5 Year	2.64	2.36	1.52	1.70	0.49	
	e 9/30/2003	4.61	4.32	3.23	3.47	1.24	
TOTAL RETURN							
Combined Managers				Policy Index			
	Quarter	4.83	4.67	4.00			
	1 Year	11.66	11.08	9.28			
	3 Year	11.14	10.60	10.51			
	5 Year	8.80	8.26	8.28			
	e 3/31/2001	6.60	6.11	6.45			
TOTAL RETURN							
Dollar-Weighted Net				Actuarial Rate	CPI +4		
	Quarter		4.67	1.65	1.47		
	1 Year		11.07	6.75	6.44		
	3 Year		10.56	6.75	6.07		
9.	5 Year		8.18	6.75	5.54		
Since	e 3/31/2001		5.95	6.75	6.11		

Policy Index = 30% Russell 1000 Value + 30% Russell 1000 Growth + 20% BC Aggregate + 20% BC Intermediate Gov't/Credit Bonds for periods prior to June 30, 2005; 27.5% Russell 1000 Value + 27.5% Russell 1000 Growth + 10% MSCI EAFE (Net) + 17.5% BC Aggregate + 17.5% BC Intermediate Gov't/Credit Bonds for periods from June 30, 2005 to October 31, 2008; 25% Russell 1000 Value + 25% Russell 1000 Growth + 5% Russell 2500 Value + 10% MSCI EAFE (Net) + 17.5% BC Aggregate + 17.5 BC Intermediate Gov't/Credit Bonds for periods October 31, 2008 to April 30, 2009; & 22.5% Russell 1000 Value + 22.5% Russell 1000 Growth + 5% Russell 2500 Value + 5% Russell 2500 Growth + 5% MSCI EAFE (Net) + 5% MSCI AC World ex US + 35% BC Intermediate Gov't/Credit Bonds for periods since April 30, 2009

Risk/Return Analysis - Since Inception



Return & Risk Analysis

April 2001 - September 2018: Summary Statistics

	Return	Excess Return vs. Market	Standard Deviation	Beta vs. Market	Maximum Drawdown	Up Capture vs. Market	Down Capture vs. Market	Alpha vs. Market	Sharpe Ratio	R-Squared vs. Market
Ormond Beach Police - Total Fund	6.61%	0.15%	9.68%	0.96	-29.47%	98.56%	94.86%	0.42%	0.54	97.61%
Ormond Beach Police - Policy Index	6.46%	0.00%	10.01%	1.00	-31.33%	100.00%	100.00%	0.00%	0.51	100.00%

Ormond Beach Police Officers' Pension Fund

As of September 30, 2018

GUIDELINES	In Compliance	OBJECTIVES	Met
Equity Portfolio		Total Portfolio	
Listed on recognized exchange	Yes	Exceed Target Index - Since 3/31/2001	Yes
Single issue not to exceed 10% at market value for each equity separately managed portfolio	Yes	Exceed actuarial assumption (6.75%) - Since 3/31/2001	No
Each equity portfolio < 70% & > 60% of total fund at	No (72.53%)	<u>HGK</u>	
market value		Equities > Russell 1000 Value - Since 4/30/2009	No
No scrutinized companies (Sudan/Iran) held per	Yes	Rank in the Top 50% - Since 4/30/2009	No
Protecting Florida's Investments Act requirement			
		<u>Sawgrass</u>	
Fixed Income Portfolio		Equities > Russell 1000 Growth - Since 4/30/2012	No
U.S. Government / Agency or U.S. Corporations	Yes	Rank in the Top 50% - Since 4/30/2012	No
Fixed Income Portfolio < 40% & > 30%	No (26.49%)		
Corporate Bonds rated "A" or better	Yes*	<u>Polen</u>	
CMOs < 15% of fixed Income portfolio at market	Yes	Equities > Russell 1000 Growth - Since 4/30/2012	Yes
Single corporate issuer not exceed 5% of bond portfolio	Yes	Rank in the Top 50% - Since 4/30/2012	Yes
Single corporate issuer not exceed 5% of total fund	Yes		
* A couple of securities contain "A" or better rating by another major rating service		<u>Cambiar</u>	
		Equities > Russell 2500 Value - Since 6/30/2016	Yes
		Rank in the Top 50% - Since 6/30/2016	Yes
		Fiera (Formerly APEX)	
		Equities > Russell 2500 Growth - Since 1/31/2015	No
		Rank in the Top 50% - Since 1/31/2015	No
		<u>Delaware</u>	
		Equities > MSCI EAFE (Net) - Since 7/31/2005	Yes
		Renaissance	
		Equities > MSCI AC World ex US - Since 4/30/2009	Yes
		Garcia Hamilton & Associates	
		Bonds > BC Intermediate Gov't/Credit - Since 3/31/2001	Yes

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Tactical Asset Allocation Reasoning

Global Equities	Relative Weights	
US	Equal Weight	US equities have done exceptionally well since the global financial crisis, but they are now in the latter stages of a cyclical bull market. While the acceleration of the Trump/Republican progrowth agenda has created a booming economy and earnings outlook, it may also be sowing the seeds for the end of the cycle as the Fed is forced to raise rates and tighten policy in a more deliberate manner. With the exceptional run in growth and small-cap stocks, we recently reduced positions in both and favor large-cap value stocks.
International Equities (Developed Markets)	Overweight	We maintain a positive bias for Japanese and European equity markets. The populist movements around the world are now spreading to Italy, which may spur further fiscal support from Germany and France. This would be a potential positive catalyst but not likely to develop until September.
Emerging Markets	Overweight	Emerging market (EM) equities have been the strongest-performing region over the past 24 months but are underperforming so far in 2018. Some of this is simply the result of a market that needs to consolidate strong gains the past few years. However, it is also directly related to the Fed's tightening campaign. We expect EM to find support not far from current levels and have a strong finish to the year.
Global Fixed Income		
US Investment Grade	Underweight	We have recommended shorter-duration (maturities) since March 2013, given the extremely low yields and potential capital losses associated with rising interest rates from such low levels. While interest rates have remained exceptionally low, US economic data have been very strong recently and the Fed is now raising rates at an accelerating pace. Adding some longer duration when 10-year US Treasury yields are above 3% makes sense.
International Investment Grade	Underweight	Yields are even lower outside the US, leaving very little value in international fixed income, particularly as the global economy begins to recover more broadly. While interest rates are likely to stay low, the offsetting diversification benefits do not warrant much, if any, position, in our view.
Inflation-Protected Securities	Overweight	With deflationary fears having become extreme in 2015 and early 2016, these securities still offer relative value in the context of our forecasted acceleration in global growth and our expectations for oil prices and the US dollar's year-over-year rate of change to revert toward 0%. That view played out in 2016 and 2017 but has not yet run its course.
High Yield	Underweight	High yield has performed exceptionally well since early 2016 with the stabilization in oil prices and retrenchment by the weaker players. We recently took our remaining high yield positions to zero as we prepare for deterioration in quality of earnings in the US led by lower operating margins. Credit spreads have likely reached a low for this cycle.
Alternative Investments		
Real Estate/REITS	Underweight	Real estate investment trusts (REITs) have underperformed global equities since mid-2016 when interest rates bottomed. We think it is still too early to reconsider our underweight zero allocation given the further rise in rates we expect and deteriorating fundamentals for the industry. Non-US REITs should be favored relative to domestic REITs.
Master Limited Partnerships/Energy Infrastructure	Overweight	Master limited partnerships (MLPs) have traded better since their capitulation in March around the FERC regulatory announcement. With oil prices much more stable and on an upward path, MLPs have garnered more interest given their 8% to 10% yields.
Hedged Strategies (Hedge Funds and Managed Futures)	Equal Weight	This asset category can provide uncorrelated exposure to traditional risk-asset markets. It tends to outperform when traditional asset categories are challenged by growth scares and/or interest rate volatility spikes. As volatility becomes more persistent in 2018, these strategies should do better than in recent years.