POMPANO BEACH POLICE & FIREFIGHTERS' RETIREMENT SYSTEM

2335 EAST ATLANTIC BLVD. SUITE 400 POMPANO BEACH, FLORIDA BOARD OF TRUSTEES MINUTES REGULAR MEETING MAY 2-4, 2019

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The Board of Trustees convened at the Fort Lauderdale Marriott Pompano
Beach Resort & Spa, 1200 N. Ocean Blvd., Pompano Beach. The Chairman
called the meeting to order at 10:30 AM.

PRESENT: Chairman Paul O'Connell

Vice-Chairman Richard Samolewicz (11:15; 4:00 PM)

Trustee Sharra Aaronian Trustee Daniel Christophers Trustee Vincent Femia Trustee David Hall

Trustee Peter McGinnis (departed at 1:55 PM)

Trustee Jorge Rossi

ABSENT: Trustee Robert Drago

ALSO PRESENT: Debra Tocarchick, Executive Director

Maureen Femia, Deputy Director

Charles Mulfinger II, Graystone Consulting

Scott Owens, Graystone Consulting Andy McIlvaine, Graystone Consulting

VISITORS: Andrea Levine, Police Officer

Patrick Fletcher, Police Officer Dann Smith, Wells Capital

Jim Kelts, Incore

AUDIENCE TO BE HEARD

None

KEY NOTE SPEAKER: GARY SCHLOSSBERG, WELLS FARGO

Prior to the key note speaker, Mr. Mulfinger announced to the Board of Trustees that he would be retiring effective June 30, 2019, and this would be his last meeting with the Board. Mr. Scott Owens and Mr. Andy McIlvaine will succeed Mr. Mulfinger as the account representatives. The Trustees extended their congratulations and deep appreciation for the many years of dedication and friendship created over the years.

Mr. Mulfinger introduced the key note speaker, Gary Schlossberg, Senior Economist with Wells Capital Management. Mr. Schlossberg spoke about the current state of the economy noting that the recent tax cuts helped play a key role in increased growth. Household wealth began to accelerate in the first quarter of this year. The decrease in mortgage rates late last year improved housing affordability, and therefore it is expected that home sales will begin to recover which is very important for the economy as it has a ripple effect on other aspects in the market. Consumer spending appears to be a main driver in the strength of the economy as we move through the second quarter.

Board of Trustees Minutes May 2-4, 2019 Page Two	TRUSTEES	M	S	Y	N
Mr. Schlossberg discussed the status of the local economy noting the beneficial factors to living in Florida that bode well for the booming economy. Mr. Schlossberg did mention that due to Florida running on the leading edge during the market expansion, alternatively it may see more of a slow down when and if a recession occurs due to the strength it has sustained.					
Mr. Schlossberg predicts there will be rate increases by the Fed although they have held back some in the past quarters. Mr. Schlossberg noted the importance of the direction of the rates in relation to fixed income strategy and performance. Mr. Schlossberg concluded by discussing the potential risks in the market which may affect stock earnings, the economy and recession risk. Fortunately, the government is more aware and heavily regulated from the previous recession a decade ago and therefore a collapse in the economy is not expected.					
MARCH 31, 2019 PRELIMINARY INVESTMENT PERFORMANCE REPORT PRESENTED BY GRAYSTONE CONSULTING					
Charles Mulfinger, on behalf of Graystone Consulting, commented that his firm agrees with the thought expressed by the key note speaker in that after a slight slowdown in the market and GDP around 3.2% the market will sustain itself and then pick up again. Mr. Mulfinger encouraged the Board of Trustees to address any questions or issues with the investment managers during their individual presentations.					
Mr. Mulfinger distributed an investment manager fee summary as of May 2019 and a fee analysis by asset class as of March 31, 2019. Mr. Mulfinger noted that the fees are competitive and lower than the average for nstitutional clients. The only exception is Wells Capital which is slightly above.					
Mr. Mulfinger reviewed the state of the US equities market and the positive strong reaction in the first quarter. While there are certain market risks, most are believing risk will be reduced with some sort of trade agreement with China within the next few weeks. Brexit has been put off until October 31. The Fed is now having discussion about cutting interest rates which is a 180 degree change from the fourth quarter when the market was under tremendous pressure.					
The S&P 500 and the Dow were up 13.65% and 11.81% for the quarter respectively. Growth outperformed value, mid-size companies outperformed smaller companies and smaller companies outperformed larger companies. Technology, Real Estate, Industrials and Energy were the top performing sectors. Utilities, Materials, Financials and Health Care fell to the bottom of the list; however, all sectors were positive for the quarter. The international markets did well but not quite as strong as the US market. The bond market was also positive as interest rates fell and bond prices rose.					
Mr. Mulfinger reported the Plan's <i>preliminary</i> total portfolio market value as \$241,250,989 as of March 31, with a gain of \$20,065,568 million for the					

Board of Trustees Minutes Page Three	May 2-4, 2019	TRUSTEES	М	S	Y	N
quarter. This value does not include the private equity results are not yet available. In reviewing the Plan's asset and private real estate were slightly overweight to target income, hedge fund-of-funds, MLP's and private equinderweight to target allocations. All asset classes were ranges and no recommendation for rebalancing was made	allocation, equities allocations. Fixed uity were slightly e within the target					
Mr. Mulfinger reviewed each individual investment managerelative to their benchmark and commented on the spenoted below.						
Invesco's fee for institutional products is slightly high. brought down somewhat in the future.	Perhaps it can be					
Graystone still believes MLP's are cheap and their firm is asset class. However, this is an area that the Fund will we the future; however, they still think there is room to run.	•					
None of the private equity managers have their audited nu 31 yet. When the numbers are available, it should increasor for March 31.						
Total <i>preliminary</i> gross returns for the quarter, 1-year, 3-yeriods were 8.95%, 5.77%, 9.03% and 6.15%, respectiv "Summary of Relevant Facts" and "Breakdown of Returns <i>final</i> values and returns by manager, are attached on the	ely. The s", showing the					
MOTION: To approve the March 31, 2019 Preliming Evaluation Report as submitted by Graystone Consulting		O'Connell Samolewicz Aaronian Christophers Femia Hall McGinnis Rossi	х	X	X X X X X X X	
Mr. Mulfinger recommended that the Board of Trus proposed revised investment guidelines that incorporate the in to reduce the assumed investment rate from 7.50% to	ne five-year phase-					
MOTION: To approve the revised Investment Policy Stat days after the policy change is communicated to the actuary and the Division of Retirement as recommend PASSED 8-0.	Plan Sponsor, the	O'Connell Samolewicz Aaronian Christophers Femia Hall McGinnis Rossi	X	X	X X X X X X X X X	
Mr. Mulfinger recommended having Sugarman & Susskind at the provision for Ownership of a Private Office Buildir the Investment Guidelines.					,	

Board of Trustees Minutes Page Four	May 2-4, 2019	TRUSTEES	М	s	Υ	N
Mr. Mulfinger brought up the issue of Wells Fargo's I dealers and the recent request by Wells to add WF Smith of Wells confirmed the Plan is currently in an o in no way be disadvantaged by not participating in the works with more than 150 broker dealers and cost is While they believe WFS can do it at a lower cost, the perceived conflict of interest. Because of Wells's marketplace they can still trade competitively with so and others not. Wells is still looking to have a convert & Susskind to clarify the issue. Mr. Mulfinger agre Susskind should review Well's responses and addr. Board meeting.	S as a broker. Dann pt out position and will wWFS program. Wells one of many factors. By also understand the size and scale in the time clients using WFS resation with Sugarman eed that Sugarman &					
At the conclusion of Mr. Mulfinger's presentation, the managers presented their investment reports through the manager reports and recordings of their presentative Pension Office.	nout the afternoon. All					
MELLON INVESTMENT CORPORATION By: Scott Mountain, Senior Relationship Manage Portfolio Manager.	r and David Bowser,					
INCORE CAPITAL MANAGEMENT, LLC By: Ian Hendry, Director Institutional Markets and Jim Manager.	Kelts, Senior Portfolio					
PINE GROVE INVESTMENTS By: Michael Martin, Managing Director and Manish Research.	n Keshive, Director of					
IRONWOOD CAPITAL MANAGEMENT By: Ben Zack, Managing Director.						
INVESCO By: Laler DeCosta, Client Portfolio Manager, and Relationship Manager, Director.	d Peter Montgomery,					
THE BLACKSTONE GROUP By: Michael Cambias, Principal.						
The session for Thursday, May 2, 2019 ended at 4: session was conducted from 5:15 - 6:15 PM follow investment managers at 7:00 PM at Oceans 234 in D	red by dinner with the					
FRIDAY, MAY 3, 2019						
The Board of Trustees reconvened at the Fort Lauderd Beach Resort and Spa, 1200 N. Ocean Blvd in Pon Chairman O'Connell called the meeting back to order	npano Beach, Florida.					
						<u> </u>

Board of Trustees Page Five	May 2-4, 2	2019	TRUSTEES	М	S	Y	N
PRESENT:	Chairman Paul O'Connell Vice-Chairman Richard Samolewicz (arrived 9:05 / Trustee Sharra Aaronian Trustee Daniel Christophers Trustee Robert Drago Trustee Vincent Femia Trustee David Hall Trustee Peter McGinnis Trustee Jorge Rossi	AM)					
ALSO PRESENT:	Debra Tocarchick, Executive Director Maureen Femia, Deputy Director Charles Mulfinger, Graystone Consulting Scott Owens, Graystone Consulting Andy McIlvaine, Graystone Consulting						
<u>VISITORS</u> :	Andrea Levine, Police Officer Patrick Fletcher, Police Officer Mark Baker, Firefighter						
AUDIENCE TO BE	HEARD						
None							
throughout the mo	estment managers presented their investment repring. All the manager reports and recordings of available at the Pension Office.						
GOLDMAN SACHS By: Chris Hunter, N	Solution Vice President Alternative Investments						
NB ALTERNATIVE By: John Buser, M	S ADVISERS, LLC anaging Director						
BLACKROCK By: Phil Grohe Inte	ernal Partner, and Nathan Achezinski, Vice Presi	dent					
	MANAGEMENT, INC. Director of Wealth Management and Portfolio Mana	ger					
	entation by Sands Capital, Chairman O'Connell called o order at 12:28 PM.	d the					

Board of Trustees Page Six	Minutes May 2-4, 2019	TRUSTEES	М	S	Y	N
PRESENT:	Chairman Paul O'Connell Vice-Chairman Richard Samolewicz Trustee Sharra Aaronian Trustee Daniel Christophers Trustee Robert Drago Trustee Vincent Femia Trustee David Hall Trustee Peter McGinnis Trustee Jorge Rossi					
ALSO PRESENT:	Debra Tocarchick, Executive Director Maureen Femia, Deputy Director Charles Mulfinger, Graystone Consulting Andy McIlvaine, Graystone Consulting David Robertson, Board Attorney					
<u>VISITORS</u> :	Andrea Levine, Police Officer Patrick Fletcher, Police Officer Mark Baker, Firefighter					
AUDIENCE TO BE	HEARD					
None						
APPROVAL OF AG	<u>GENDA</u>					
presented, with the	rove the May 3, 2019 business meeting agenda as addition of an Application for Survivor Benefit from Kyle ary for Janeen McKenzie. PASSED 9-0.	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	x	x	X X X X X X X	
	the reading of the minutes of the Regular Board Meeting and to approve same as presented. PASSED 9-0.	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	x	X	X X X X X X X X	

Board of Trustees Minutes Page Seven	May 2-4, 2019	TRUSTEES	М	s	Y	N
APPROVAL OF DROP LOAN APPLICATION						
MOTION: To approve the DROP loan application from Mark Baker. PASSED 9-0.	m firefighter member,	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	x	X X X X X X X	
APPROVAL OF SURVIVOR BENEFITS						
MOTION: To approve the application for survivor Machado, beneficiary of retiree Janeen McKenzie 4/8/2019. PASSED 9-0.		O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	x	X	X X X X X X X	
RATIFICATION AND APPROVAL OF WARRANTS		. 1000				
MOTION: To ratify and approve payment of benefits forth on Warrant Nos. 5105, \$76,798.23; No. 5106, \$ \$30,000.00; No. 5108, \$21,965.05; No. 5109, \$4,522.2	17,570.60; No. 5107,	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	X	X X X X X X	
SUGARMAN & SUSSKIND, PA LEGAL REPORT		110001				
Mr. Sugarman was unable to attend the meeting due wife, Marilyn. Mr. Robertson attended in his place and asked Mr. Robinson to convey their condolences to Mentire firm.	the Board of Trustees					
Mr. Robinson reported that SB 426, the firefighters' capassed the legislature and was waiting to be signed by						
Sugarman & Susskind reviewed the proposed Xerox the Executive Director recommended. The proposed I machine and features at a lower cost.						

Board of Trustees Minutes Page Eight	May 2-4, 2019	TRUSTEES	М	S	Y	N
MOTION: To approve the Copier Lease Agreement with for a period of 48-months effective 5/15/2019, at a most \$150.59 month as recommended by the Executive Direction.	onthly lease cost of	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	X	X X X X X X X	
ADMINISTRATIVE AND MISCELLANEOUS ISSUES						
MOTION: To approve attendance for any interested tree Public Funds Forum in Park City, UT, September 3-5, 20 COMMITTEE REPORTS		O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	x	х	X X X X X X X	
Communication/Cyber Review Committee:						
Committee Chairman Rossi briefed the Board that he had the employee self-service portal with the Executive D Director and was pleased with the results. Committee convene a committee meeting for everyone to review and The Board discussed additional programming needed beneficiaries and deferred to the Committee to answer the	irector and Deputy Chairman Rossi will d provide feedback. ed to add survivor					
No other Committee Reports were rendered.						
EXECUTIVE DIRECTOR'S REPORT						
 Your Pension Matters newsletter was distributed Targeting July or August meeting for preser experience study Reviewed Nyhart's test system for DROP record 	ntation of actuarial					
The Executive Director advised the Board that she just \$1,500.00 from Nyhart to review the pension recalcular arbitration ruling.						
MOTION: To approve a fee of \$1,500.00 to Nyhar calculations for the BSO corrected pensions subject to r of the service agreement by Sugarman & Sus WITHDRAWN.	eview and approval	Samolewicz Rossi	X	X		
Upon discussion, the Board weighed the cost of \$1,500 lump retroactive benefits of \$2,163.38. Since the comminimis in nature, the Board agreed that there is no benefits	rections are so de					

Board of Trustees Minutes May 2-4, 2019 Page Nine	TRUSTEES	М	s	Y	N
the analysis unless there are objections to the benefit payments and then the Board will revisit.					
The motion was withdrawn by the maker and the supporter.					
The Executive Director asked whether the Board would like to contribute a donation in lieu of flowers to the Marilyn Seskin Fund in Gynecologic Oncology at the University of Miami in honor of Marilyn's memory.					
After much discussion, the Board decided to contribute \$100.00 and each trustee would then decide what he or she wanted to contribute personally.					
MOTION: To approve a donation from the Pension Fund of \$100.00 to the Marilyn Seskin Fund in Gynecologic Oncology at the University of Miami. PASSED 9-0.	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	x	x	X X X X X X X	
Trustee Samolewicz distributed a flyer for the 9463 Fundraiser on Saturday, July 27, 2019.	RUSSI			^	
Chairman O'Connell updated the Board that the actuarial presentation was presented to the City Manager on April 22, and the City Commission on April 23.					
MOTION : To conclude the May 3, 2019 business meeting at 12:59 PM and resume investment manager presentations. PASSED 9-0.	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	X	X X X X X X X	
The Board returned from recess and resumed the investment manager presentations. The following investment managers presented their investment reports throughout the afternoon. All the manager reports and recordings of their presentations are available at the Pension Office.	Rossi			^	
SAWGRASS ASSET MANGEMENT By: Martin LaPrade, CFA Partner, Equity Portfolio Manager and Gregory Gosch, Institutional Client Services.					
LAZARD ASSET MANGEMENT By: Frank Sposato, Director and Michael Powers, Managing Director and Portfolio Manager.					
RENAISSANCE INVESTMENT MANAGEMENT By: Mike Streitmarter, Research Analyst.					

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Board of Trustees Page Ten	s winutes wa	y 2-4, 2019	TRUSTEES	M	S	Y	N
representatives from Nuance, Renaissar	sentations for the day, a roundtable was om Brookfield, Incore, Lazard, Neuberge nce and Wells. Viewpoints were shared on in als, tax cuts, the future of social security ar	er Berman, frastructure					
session was condu	for Friday, May 3, 2019 ended at 4:30 PM. A ucted from 5:00 – 6:15 PM followed by dinr ers at 7:00 PM at Mastro's in Fort Lauderdale	ner with the					
SATURDAY, MAY	<u>4, 2019</u>						
Beach Resort and	ees reconvened at the Fort Lauderdale Marrio Spa, 1200 N. Ocean Blvd in Pompano Bea Il called the meeting back to order at 9:00 AN	ch, Florida.					
PRESENT:	Chairman Paul O'Connell Trustee Sharra Aaronian Trustee Daniel Christophers Trustee Robert Drago Trustee Vincent Femia Trustee David Hall Trustee Jorge Rossi						
ABSENT:	Vice-Chairman Richard Samolewicz Trustee Peter McGinnis						
ALSO PRESENT:	Debra Tocarchick, Executive Director Maureen Femia, Deputy Director Charles Mulfinger, Graystone Consulting Andy McIlvaine, Graystone Consulting						
AUDIENCE TO BE	HEARD						
None							
throughout the mo	estment managers presented their investm rning. All the manager reports and recordi available at the Pension Office.						
NUANCE INVESTI By: Paul Gillespie,	<u>MENTS</u> Vice President & Senior Client Portfolio Man	ager.					
of historical consult is a hard dollar fee appreciation of the \$65,000, plus the a	ween presentations, Mr. Mulfinger distributed ing fees paid to Graystone Consulting. Curre of \$85,000 (to be increased annually based Plan's business, Graystone proposed to lowe annual increase tied to the CPI, effective qual e Board gratefully accepted the fee reduction	ently the fee on CPI). In er the fee to arter ending					

Board of Trustees Minutes May 2-4, 2019 Page Eleven	TRUSTEES	М	S	Y	N
MOTION: To accept Graystone Consulting's fee reduction to an annual fee of \$65,000 to be increased annually based on CPI effective April 1, 2019. PASSED 7-0.		х	Х	X X X X X	
WELLS CAPITAL MANAGEMENT By: Amanda Leon, Client Relations Director and John Taphorn, Portfolio Specialist.					
Mr. Mulfinger reported to the Board that he has had some discussion with Wells about lowering their fees. He anticipates that they will report back with a fee reduction.					
BROOKFIELD (CENTER COAST) By: Boran Buturovic, Research Analyst.					
GRAYSTONE WRAP-UP					
At the conclusion of the investment manager presentations, Mr. Mulfinger made the following observations:					
All existing investment managers are performing well. The Plan is well diversified among asset classes. He doesn't see any issues with the managers other than replacing the MLP over time. Mr. Mulfinger was pleased to see manager's fees reduced, as well as Graystone's fees, which will benefit the Plan.					
Trustee Christophers suggested sending a survey to the investment managers for their opinions, suggestions and feedback on the annual symposium so improvements can be made going forward. Suggested questions to be posed: What did you like? What did you not like? What can we improve upon?					
Mr. Mulfinger expressed his sincere gratitude for the longstanding relationship over the years with the Board and the members.					
<u>ADJOURNMENT</u>					
MOTION: To adjourn the 2019 Educational Symposium at 11:15 AM. PASSED 7-0.	O'Connell Aaronian Christophers Drago Femia Hall Rossi	X	X	X X X X X X	

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REGULAR MEETING – MAY 3, 2019

ITEM NO. 6 - WARRANT NOS. 5105 THROUGH 5109

Ratified and Approved on 5/3/2019

WARRANT NO.	PAYABLE TO	DESCRIPTION	AMOUNT
5105	Sands BlackRock Lazard Victory	Inv mgmt. fee quarter ended 3/31/2019; \$23,774.84 Inv mgmt. fee quarter beginning 4/1/2019; \$18,918.41 Inv mgmt. fee quarter ended 3/31/2019; \$21,010.98 Inv mgmt. fee quarter ended 3/31/2019; \$13,094.00	76,798.23
5106	Brookfield Economic Computers Sugarman & Susskind Office Depot	Inv mgmt. fee quarter ended 3/31/2019; \$14,265.86 Annual maintenance contract for IT services: \$2,900.00 Inv No. 134663, R. Sandell matter; \$300.00 Inv No. 2298096669, office supplies; \$15.24, Inv No. 305942171001, office supplies; \$89.50, Total \$104.74	17,570.60
5107	Mark T. Baker Florida Department of Revenue Nyhart	DROP loan net amount to Mark T. Baker; \$29,745.00 Documentary stamps for Mark T. Baker DROP loan; \$105.00 Loan processing fee for Mark T. Baker; \$150.00	30,000.00
5108	Robert Drago Morgan Stanley	BLB&G Investors Forum expense reimbursement; \$311.30 Investment consulting fee quarter ending 3/31/2019; \$21,653.75	21,965.05
5109	Kyle W. Machado	Survivor benefit commencing 5/1/2019 under 10-Yr Certain and Life Annuity option to designated beneficiary of recipient, Janeen M. McKenzie, who died 04/08/2019; \$4,522.26	4,522.26

SUMMARY OF RELEVANT FACTS Pompano Beach Police & Firefighters' Retirement System As of March 31, 2019

Distribution of Assets:			Other Important Facts:			MAIN ACCOUNT (NON-MAN	AGED)	
Equity			Total Portfolio		\$241,272,359	Cash	100.00%	\$1,381,807
-Large Cap. Value	\$30,367,060		Total Gain or (Loss) - Gross of Fee	S	\$20,159,873	Gain or (Loss)		\$7,675
-Large Cap. Growth	\$31,775,536							
-Mid Cap. Value	\$12,285,245		BLACKROCK			LAZARD (International Value	e)	
-Small/Mid Cap. Growth	\$12,847,532		Total Assets	100.00%	\$30,367,060	Total Assets	100.00%	\$18,053,995
-International Value	\$18,053,995		Equity	93.84%	\$28,495,133	Equity	96.16%	\$17,361,410
-International Growth	\$18,049,534		Cash	6.16%	\$1,871,927	Cash	3.84%	\$692,585
Total Equity		\$123,378,901	Fees		(\$16,610)	Fees		(\$18,827)
Fixed Income		\$52,964,271	Gain or (Loss)		\$3,158,043	Gain or (Loss)		\$1,486,093
Private Real Estate		\$20,500,196						
Fund of Hedge Funds		\$22,352,829	SANDS CAPITAL MANAGEMENT			RENAISSANCE (International	al Growth)	
Master Limited Partnerships		\$11,571,196	Total Assets	100.00%	\$15,980,749	Total Assets	100.00%	\$18,049,534
Private Equity		\$9,123,158	Equity	96.94%	\$15,491,375	Equity	98.91%	\$17,853,398
Cash (Non-Managed Account)		\$1,381,807	Cash	3.06%	\$489,374	Cash	1.09%	\$196,137
Total Portfolio		\$241,272,359	Fees		(\$40,649)	Fees		(\$21,725)
			Gain or (Loss)		\$3,341,457	Gain or (Loss)		\$1,704,472
Distribution by Percentages:	Policy	Current						
Equity Breakdown			SAWGRASS ASSET MANAGEME			STANDISH MELLON		
-Large Cap. Value	12.50%	12.59%	Total Assets	100.00%	\$15,794,787	Total Assets	100.00%	\$26,464,085
-Large Cap. Growth	12.50%	13.17%	Equity	98.69%	\$15,587,943	Fixed	98.65%	\$26,106,234
-Mid Cap. Value	5.00%	5.09%	Cash	1.31%	\$206,845	Cash	1.35%	\$357,851
-Small/Mid Cap. Growth	5.00%	5.32%	Fees		\$0	Fees		(\$15,514)
-International Value	7.50%	7.48%	Gain or (Loss)		\$2,328,430	Gain or (Loss)		\$753,798
-International Growth	7.50%	7.48%				NIO-00-04/07-00V (5-00-4-5-00V)		
Total Equity	50.00%	51.14%	NUANCE	400.000/	440.005.045	INCORE/VICTORY (FORMER	,	***
Fixed Income	22.50%	21.95%	Total Assets	100.00%	\$12,285,245	Total Assets	100.00%	\$26,500,187
Private Real Estate	7.50%	8.50%	Equity Cash	94.46% 5.54%	\$11,604,206	Fixed Cash	98.82% 1.18%	\$26,186,890
Fund of Hedge Funds Master Limited Partnerships	10.00% 5.00%	9.26% 4.80%	Fees	5.54%	\$681,039	Fees	1.10%	\$313,296
Private Equity	5.00%	3.78%	Gain or (Loss)		(\$11,799) \$1,404,390	Gain or (Loss)		(\$12,973) \$706,438
Cash (Non-Managed Account)	0.00%	0.57%	Gaill of (Loss)		\$1,404,390	Gaill of (Loss)		\$100,430
Total Portfolio	100.00%	100.00%	WELLS			NB CROSSROADS (PRIVATI	F FOUITY) #1	
Total Follows	100.0070	100.0070	Total Assets	100.00%	\$12,847,532	Total Assets	100.00%	\$3,355,935
INVESCO (Private Real Estate)			Equity	96.83%	\$12,439,847	Gain or (Loss)	100.0070	\$0
Private Real Estate	100.00%	\$17,500,196	Cash	3.17%	\$407,685	Gain 6. (2000)		Q 0
Fees		(\$48,547)	Fees		(\$23,879)	NB CROSSROADS (PRIVATI	E EQUITY) #2	
Gain or (Loss)		\$188,444	Gain or (Loss)		\$2.513.414	Fund of Hedge Fund	100.00%	\$2,812,830
(111,		,	())			Gain or (Loss)		\$0
OFFICE BUILDING			Pine Grove Fund of Hedge Fund			(,		
Total Assets	100.00%	\$3,000,000	Fund of Hedge Fund	100.00%	\$10,526,051	BLACKSTONE (PRIVATE EC	QUITY)	
Gain or (Loss)		\$42,501	Gain or (Loss)		\$213,390	Total Assets	100.00%	\$2,010,893
					•	Gain or (Loss)		\$92,424
Center Coast Master Limited Partnerships			Ironwood Fund of Hedge Fund					
Fund of Hedge Fund	100.00%	\$11,571,196	Fund of Hedge Fund	100.00%	\$11,826,778	GOLDMAN SACHS (PRIVAT	E EQUITY)	
Gain or (Loss)		\$1,910,645	Gain or (Loss)		\$308,256	Total Assets	100.00%	\$943,500
						Gain or (Loss)		(\$0)
						•		. ,

BREAKDOWN OF RETURNS Pompano Beach Police & Firefighters' Retirement System As of March 31, 2019

TRADITIONAL INVESTMENTS

TRADITIONAL INVESTMENTS					
BLACKROCK	Your Returns				
Large Cap. Value	Gross	Net	Russ 1000 Value	PSN Money Mgrs.	S&P 500
Quarter	11.55	11.49	11.93	11.68	13.65
1 year	5.71	5.45	5.67	5.40	9.50
3 year	11.65	11.18	10.45	10.84	13.51
5 year	8.57	8.04	7.72	8.01	10.91
Since 1/31/2013	10.19	9.64	10.58	NA	13.22
	10.19	9.04	10.56	INA	13.22
SANDS CAPITAL					
Large Cap. Growth			Russ 1000 Growth	PSN Money Mgrs.	
Quarter	18.73	18.50	16.10	15.68	
1 year	16.23	15.50	12.75	10.92	
3 year	21.35	20.64	16.53	14.97	
5 year	12.88	12.21	13.50	11.71	
Since 5/31/2003	13.17	12.52	10.28	NA	
SAWGRASS	10.17	12.02	10.20	100	
Large Cap. Growth	7.00	7.00	Russ 1000 Growth	PSN Money Mgrs.	
Since 1/31/2019	7.62	7.62	6.53	NA	
NUANCE					
Mid Cap. Value			Russ Mid Value	PSN Money Mgrs.	
Quarter	12.55	12.43	14.37	13.68	
Since 6/30/2018	8.43	8.21	0.47	NA	
Nuance/RBC Global - 1 year	10.14	9.82	2.89	1.44	
Nuance/RBC Global - 3 year	9.48	9.05	9.50	10.28	
Nuance/RBC Global - 5 year	7.20			6.98	
,		6.69	7.22		
Nuance/RBC Global - Since 1/31/2009	14.93	14.31	15.54	NA	
WELLS					
Small/Mid Cap. Growth			Russ 2500 Growth	PSN Money Mgrs.	
Quarter	23.19	22.96	18.99	17.35	
1 year	12.09	11.14	7.55	9.50	
3 year	19.57	18.54	15.60	17.36	
5 year	10.97	9.99	9.72	9.51	
Since 1/31/2009	18.77	17.76	17.19	NA	
LAZARD	10.77	17.70	17.19	INA	
International Value	2.12	2.22	MSCI AC Wrld x US		
Quarter	9.16	9.03	10.31		
1 year	(5.62)	(6.08)	(4.07)		
3 year	6.98	6.45	8.09		
5 year	2.79	2.27	2.57		
Since 1/31/2013	4.35	3.84	3.87		
RENAISSANCE					
International Growth			MSCI AC Wrld x US		
Quarter	10.90	10.75	10.31		
1 year	(10.63)	(11.16)	(4.07)		
3 year	4.69	4.04	8.09		
5 year	1.75	1.10	2.57		
Since 1/31/2009	8.86	8.19	8.48		
STANDISH MELLON					
Fixed Income			BC Aggregate	BC Int. Aggregate	BC Int. Gov/Credit
Quarter	2.93	2.87	2.94	2.28	2.32
1 year	4.54	4.28	4.48	4.33	4.24
3 year	2.17	1.90	2.03	1.71	1.66
5 year	2.72	2.41	2.74	2.31	2.12
Since 4/30/2003	4.08	3.75	3.95	3.62	3.42
INCORE/VICTORY (Munder)					
Fixed Income			BC Aggregate	BC Int. Aggregate	BC Int. Gov/Credit
Quarter	2.74	2.69	2.94	2.28	2.32
1 year	4.50	4.29	4.48	4.33	4.24
3 year	2.50	2.30	2.03	1.71	1.66
I					
5 year	2.89	2.72	2.74	2.31	2.12
Since 9/30/2002	4.36	4.14	4.04	3.70	3.54

ALTERNATIVE INVESTMENTS

ALTERNATIVE INVE	STMENTS					
INVESCO						
Private Real Estate		Gross	Net	NCREIF	NCREIF ODCE	BC Aggregate
	Quarter	1.09	0.81	1.80	1.42	2.94
	1 year	7.87	6.68	6.82	7.52	4.48
	3 year	8.86	7.65	7.07	7.97	2.03
	5 year	10.69	9.47	9.13	10.18	2.74
	Since 7/31/2006	6.50	5.36	7.36	6.59	4.24
OFFICE BUILDING	0.1100 170 172000	0.00	0.00	7.00	0.00	* * * * * * * * * * * * * * * * * * *
Private Real Estate				90-Day T-Bill	BC Aggregate	
Tivale Near Estate	Quarter	1.43	1.43	0.60	2.94	
		5.08	5.08	2.11	4.48	
	1 year					
	3 year	4.59	4.59	1.17	2.03	
	5 year	21.08	21.08	0.72	2.74	
	Since 3/31/2007	0.87	0.81	0.78	4.03	
ronwood						
Fund of Hedge Funds				HFRI FOF Cons	BC Aggregate	
	Quarter	2.68	2.68	3.14	2.94	
	1 year	3.15	3.15	1.62	4.48	
	3 year	5.86	5.86	3.40	2.03	
	5 year	4.10	4.10	2.04	2.74	
	Since 7/31/2008	3.52	3.52	1.36	3.93	
Pine Grove	31100 170 172000	0.02	0.02	1.00	0.00	
Fund of Hedge Funds				UEDI FOE O	DC Assessed	
-una or neage Funds	0	0.07	0.07	HFRI FOF Cons	BC Aggregate	
	Quarter	2.07	2.07	3.14	2.94	
	1 year	1.36	1.36	1.62	4.48	
	3 year	4.99	4.99	3.40	2.03	
	5 year	1.65	1.65	2.04	2.74	
	Since 9/30/2008	3.55	3.55	2.05	4.04	
Center Coast						
Master Limited Partne	rships			Alerian MLP		
	Quarter	19.78	19.65	16.82		
	1 year	17.90	17.34	15.11		
	3 year	5.63	5.11	5.69		
	Since 1/31/2015	(4.94)	(5.36)	(5.60)		
Neuberger Berman	011100 170 1720 10	(1.01)	(0.00)	S&P 500 /		
Private Equity #1		Time-Wtd	Dollar-Wtd		DO 4	
-rivate Equity #1	Quarter			90 Day T-Bill (Dec)	BC Aggregate	
	Quarter	0.00	0.00	0.60	2.94	
	1 year	1.61	1.80	(3.08)	4.48	
	3 year	10.82	11.39	8.99	2.03	
	5 year	10.99	11.35	8.24	2.74	
	Since 3/31/2010	4.46	10.34	11.15	3.34	
Neuberger Berman				S&P 500 /		
Private Equity #2		Time-Wtd	Dollar-Wtd	90 Day T-Bill (Dec)	BC Aggregate	
	Quarter	0.00	0.00	0.60	2.94	
	1 year	5.37	5.33	(3.08)	4.48	
	3 year	10.99	11.09	8.99	2.03	
	Since 7/31/2014	6.94	9.13	7.99	2.55	
Blackstone	223 .70 .72011	3.3 .	30		2.03	
Private Equity		Time-Wtd	Dollar-Wtd	S&P 500	BC Aggregate	
Trace Equity	Quarter	4.81	4.32	13.65	2.94	
	1 year	9.74	8.24	9.50	4.48	
	3 year	12.71	10.71	13.51	2.03	
	5 year	11.08	8.89	10.91	2.74	
	Since 11/30/2013	11.55	8.85	11.08	2.81	
Soldman Sachs				S&P 500 /		
Private Equity		Time-Wtd	Dollar-Wtd	90 Day T-Bill (Dec)	BC Aggregate	
	Quarter	0.00	0.00	0.60	2.94	
	1 year	(3.14)	(2.60)	(3.08)	4.48	
	3 year	4.98	6.62	8.99	2.03	
	5 year	9.15	8.37	8.24	2.74	
	Since 12/31/2013	5.81	7.75	8.20	2.97	
	JIIIUG 12/31/2013	0.01	1.15	0.20	2.91	

TOTAL FUND				
Time-Weighted Return (TWR)			Policy Index	
Quarter	9.00	8.89	8.61	
1 year	5.78	5.35	5.22	
3 year	9.04	8.55	8.10	
5 year	6.15	5.66	5.83	
Since 9/30/2002	7.61	7.12	7.34	
Since 6/30/1995	7.20			

TOTAL FUND				
Dollar-Weighted Net Return (IRR)		Actuarial Rate	CPI +3	
Quarter	8.92	1.82	1.35	
1 year	5.44	7.50	4.94	
3 year	8.69	7.50	5.24	
5 year	5.56	7.50	4.56	
Since 9/30/2002	7.36	7.50	5.12	

Note

Per the Board's request, all performance results (including but not limited to rates of return, risk, measures, unit values, and dollar values) prior to September 30, 2002, were provided by GRS Asset Consulting Group, who was the previous consultant. The performance data is believed to be accurate, but there is no assurance. Graystone Consulting has not calculated or independently verified the accuracy of the returns or market values and is not responsible or liable for any mistake or miscalculations. Effective September 30, 2002, all valuations and rates of return are calculated by Graystone Consulting.