POMPANO BEACH POLICE & FIREFIGHTERS' RETIREMENT SYSTEM

2335 EAST ATLANTIC BLVD.

BOARD OF TRUSTEES MINUTES

SUITE 4	400	H, FLORIDA	BUARD OF	REGI	JLAF		ETII	NG
Beach	Resort &	tees convened at the Fort Lauderdale Marriott Pompa Spa, 1200 N. Ocean Blvd., Pompano Beach. T e meeting to order at 10:30 AM.			МО	SE	V O T E D	V O T E
PRESE	<u>NT</u> :	Chairman Paul O'Connell Vice-Chairman Richard Samolewicz (arrived 11:50A Trustee Sharra Aaronian Trustee Daniel Christophers Trustee Robert Drago Trustee Vincent Femia Trustee David Hall Trustee Peter McGinnis Trustee Jorge Rossi	M))	COND	YES	N O
ALSO P	PRESENT:	Debra Tocarchick, Executive Director Maureen Femia, Deputy Director Charles Mulfinger II, Graystone Consulting						
VISITO	<u>RS</u> :	Andrea Levine, Police Member Patrick Fletcher, Police Member Mark Baker, Fire Member Tom Galfano, Wells Capital Management Donna Samolewicz, Guest						
KEY NO	TE SPEAK	KER: JOHN MOLINARI, FIRST TRUST						
		oduced the key note speaker, John Molinari, Virust Portfolios.	ce-					
promotil citing ex househouthe mid- would counderper perform	ng the post camples sured net work-stages of cause fixed erform; howing the wo	about the state of the economy and discussed what itive economic cycle despite the volatility in the mar ch as Apple, UBER, Texas oil production and increase th. Mr. Molinari indicated that they believe we are still an economic cycle noting that an economic slowdo income and commodities to outperform and stocks wever, at this time, the recessionary indicators a parst. Additionally, American companies and consumes as savings.	ket sed I in wn to are					
and neg the syst 2008 is drawdov	gativity amo ematic dec not evident	ed back to the stock market in 2008 which created doing investors and the American people. Ten years la line in loans to deposit and bank liquidity that occurred in today's market. They do not expect to see a 30-40 recession in the near-term, and they still believe used.	iter d in 0%					
investm	ents in a r	luded by discussing the issues facing fixed inco- rising interest rate world and discussed possible as provide principal protection and yield.						

Board of Trustees Minutes May 3-5, 2018 Page Two	TRUSTEES	М	s	Y	N
MARCH 31, 2018 PRELIMINARY INVESTMENT PERFORMANCE REPORT PRESENTED BY GRAYSTONE CONSULTING					
Charles Mulfinger, on behalf of Graystone Consulting, commented that his manner of presentation during the annual Educational Symposium is to discuss the state of the economy, the capital markets, and any potential issues with the investment managers that the Board of Trustees should address during the managers' individual presentations.					
While the economy has been growing for nine straight years, Graystone still believes that it is one to 1 ½ years out from any type of recession. GDP for quarter ended March 31 was 2.3%. The manufacturing and service sectors are still above 50. Corporate profits are still very strong. The tax reduction of 2018 impacted the market in a positive way. There is a slight concern with rising inflation numbers which is causing some volatility in the markets. Unemployment numbers are at 4.1% and expected to fall below 4% in upcoming quarters. Overall there is no negative economic news to report.					
The volatility in the capital markets; however, is creating some uncertainty. The lack of volatility in last year's market was unheard of so to see some pullback in the market in this quarter is not unusual. This volatility is expected to continue for the remainder of the year although higher projected returns than those reported at March 31 are expected.					
Mr. Mulfinger reviewed US equity markets noting that large companies outperformed smaller companies, and growth has consistently outperformed value. Information Technology and Consumer Discretionary were the only two positive performing sectors. Graystone's view of international markets is that they will outperform US markets and eventually revert back to the trend line. Two reasons for this are that they are just beginning to apply some quantitative easing to their economy while the US is pulling back some; and valuations in international markets are cheaper than the US market. The fixed income markets were nearly all negative and validate the Plan's asset allocation strategy to move away from fixed income.					
Mr. Mulfinger reported the Plan's preliminary total portfolio market value as \$235,088,514 as of March 31, with a gain of \$1,723,349 for the quarter. In reviewing the Plan's asset allocation, no rebalancing was recommended.					
Mr. Mulfinger reviewed each individual investment manager's performance relative to their benchmark.					
Total gross returns for the quarter, 1-year, 3-year and 5-year periods were - 0.59%, 9.75%, 5.72% and 7.81%, respectively. The "Summary of Relevant Facts" and "Breakdown of Returns", showing values and returns by manager, are attached on the backup.					

Board of Trustees Minutes May 3-5 Page Three	, 2018 TRU	STEES	М	s	Y	N
Mr. Mulfinger noted that there is a lot of margin compression on fees fixed income arena and the Board may wish to give consideration to a the fixed income managers to reduce their fees. Last year, Stallowered their fees by 5 bps while Incore did not. Although Wells lot their fees by 5 bps last year, they are still in the mid-range for fees Mulfinger presented a schedule illustrating the investment managereductions since last year.	asking andish wered s. Mr.					
Mr. Mulfinger was asked if he was comfortable that the Plan would me assumed target rate of return of 7.50% going forward. He responded Graystone's expectation is that returns will be lower going forward over next seven years. Over the next 20 years, they believe the Plan may closer to meeting its 7.50% return assumption; however, in the next seven years it is expected to be lower. If they ran an asset allocation study and assumed the existing managers met (not outperformed) their benchmarks, they believe it would be closer to 6.0% over the next seven years.	that er the be even today					
The Chairman briefed the Board on his meeting with the City Manage regarding the actuary's recommendation to shorten the amortization programmended liabilities from 30 years to 20 years, and indicated that the topic will be brought up for further discussion during the business meeting on Friday.	eriod nis					
Mr. Mulfinger commented that he is supportive if the Board wishes to its assumed rate of investment return. The Chairman expressed his thought that it would be better to deal with one issue at a time, and at time, the actuary is recommending shortening the amortization period	this					
MOTION: To approve the March 31, 2018 preliminary Perform Evaluation Report as submitted by Graystone Consulting. PASSED 9	9-0 Sam Aarc Chri Drag Fem Hall	•	X	X	× × × × × × × × ×	
At the conclusion of Mr. Mulfinger's presentation, the following investmentagers presented their investment reports throughout the afternoon the manager reports and recordings of their presentations are available the Pension Office.	stment Ross on. All				X	
BNY MELLON ASSET MANAGEMENT NA (STANDISH) By: Scott Mountain, Senior Relationship Manager and Nathaniel Portfolio Manager.	Hyde,					
Mr. Mountain advised the Board that he would speak to his Com about lowering their investment fee and report back.	mittee					

Board of Trustees Page Four	s Minutes	May 3-5, 2018	TRUSTEES	М	s	Υ	N
BLACKROCK By: Ryan McNulty, Vice President, Equity Dividend Team.							
	MANAGEMENT, INC. Director of Wealth Management ar	nd Portfolio Manager.					
	SET MANAGEMENT (CENTER CO n, Managing Director.	AST)					
WELLS CAPITAL N By: John Taphor Relations Director.	MANAGEMENT n, Client Portfolio Specialist and	Tom Galfano, Client					
constrained asset of realistic that the fe	entatives noted that small and SM class so they typically see higher fee e structure in the industry is coming are in-line with their SMID peers ner conversation.	es; however, they are ng down. Historically					
The session for Thursday, May 3, 2018 ended at 4:30 PM. A networking session was conducted from 5:00 – 6:30 PM followed by dinner with the investment managers at 7:00 PM at Blue Moon Fish Co. in Lauderdale By The Sea.							
FRIDAY, MAY 4, 2	018						
Pompano Beach R	ustees reconvened at the Fort esort and Spa, 1200 N. Ocean Blvo O'Connell called the meeting back	d in Pompano Beach,					
PRESENT:	Chairman Paul O'Connell Vice-Chairman Richard Samolewi Trustee Sharra Aaronian Trustee Daniel Christophers Trustee Robert Drago Trustee Vincent Femia Trustee David Hall (arrived 11:05 Trustee Peter McGinnis Trustee Jorge Rossi						
ALSO PRESENT:	Debra Tocarchick, Executive Director Maureen Femia, Deputy Director Charles Mulfinger II, Graystone Coscott Owens, Graystone Consultir Pedro Herrera, Esq., Board Attorn	onsulting ng					
<u>VISITORS</u> :	Andrea Levine, Police Member Patrick Fletcher, Police Member David Loy, Chairman of Fire Board Springs Gina Orlando, Pension Admin, Cit	•					

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The following investigations are a							
INCORE CAPITAL By: Ian Hendry, Portfolio Manager.							
PINE GROVE INVERSE By: John Feeley, Research.	<u>ESTMENTS</u> , Managing Director and Manish Ke	eshive, Director of					
IRONWOOD CAPI By: Ben Zack, Mar	TAL MANAGEMENT naging Director.						
INVESCO By: Laler DeCos Senior Associate D	ta, Client Portfolio Manager, and S irector.	Suzanna Sanchez,					
	entation by INVESCO, Chairman O' o order at 11:51 PM.	Connell called the					
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 (arrived 11:5 Trustee Jorge Rossi						
ALSO PRESENT:	Debra Tocarchick, Executive Director Maureen Femia, Deputy Director Charles Mulfinger II, Graystone Cons Scott Owens, Graystone Consulting Pedro Herrera, Esq., Board Attorney	sulting					
<u>VISITORS</u> :	Andrea Levine, Police Member Patrick Fletcher, Police Member David Loy, Chairman of Fire Board, Springs Gina Orlando, Pension Adm, City of	•					
AUDIENCE TO BE	HEARD						
None							

Board of Trustees Minutes May 3-5, 2018 Page Six	TRUSTEES	М	S	Y	N
APPROVAL OF AGENDA					
MOTION: To approve the May 4, 2018 business meeting agenda as presented. PASSED 8-0 (Trustee McGinnis was out of the room). APPROVAL OF MINUTES	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall Rossi	x	x	X X X X X X	
MOTION: To waive the reading of the minutes of the Regular Board Meeting on April 16, 2018, and to approve same as presented. PASSED 8-0 (Trustee McGinnis was out of the room).	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall Rossi	x	X	X X X X X X	
RATIFICATION AND APPROVAL OF WARRANTS					
MOTION: To ratify and approve payments of benefits and expenses as set forth on Warrant Nos. 4971, \$3,756.79; No. 4972, \$3,822.98; No. 4973, \$84,969.04; No. 4974, \$3,664.74; No. 4975, \$2,000.00. PASSED 8-0 (Trustee McGinnis was out of the room).	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall Rossi	X	X	X X X X X X	
<u> </u>					
Mr. Herrera advised the Board that Grant & Eisenhofer desired to seek further information through a second 220 Demand Letter to resolve some inconsistencies in the documentation in the AmTrust matter.					
MOTION: To ratify the Chairman's Execution of the Power of Attorney and Affidavit for a Second 220 Demand Letter regarding Amtrust Financial Securities Litigation as recommended by Grant & Eisenhofer. PASSED 9-0.	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	x	x	X X X X X X X	
Mr. Herrera reported that Mrs. Diana Sandell asked for an extension of time from opposing counsel on her appellate brief which was granted. The informal service-incurred death benefit hearing with Mrs. Diana Sandell is set for June 18. Mr. Herrera noted that it is Mrs. Sandell's burden to prove her case and her responsibility to provide any and all records to support her claim.	170551			^	

Board of Trustees Minutes May 3-5, 2018 Page Seven	TRUSTEES	М	s	Y	N
Mr. Herrera reported that the attorney for Jeff Poole asked for a third extension of time to file his Initial Brief and Sugarman & Susskind recommended the Chairman approve it.					
MOTION : To ratify the Chairman's decision to approve a 15-day extension of time to file the Initial Brief in the Jeff Poole appeal as recommended by Sugarman & Susskind. PASSED 6-3.		x	x	X X X X	x x x
Mr. Herrera reported that the Investment Manager Agreement for Nuance Investments is finalized with the exception of providing them the most recent Investment Policy Statement.					
Mr. Herrera noted that he would like to revisit the Board's Proxy Voting Policy at a future meeting date.					
Form 1 financial disclosure forms are due July 1.					
ADMINISTRATIVE AND MISCELLANEOUS ISSUES					
Chairman O'Connell reported on his April 24 meeting with the City Manager and staff where discussion took place with the actuary regarding Nyhart's recommendation to shorten the amortization period for unfunded liabilities on future bases from 30 years to 20 years. The City was advised that while the Board is contemplating scenarios, it also desires its City partner's input. During the meeting, it was agreed that the Board would seek a cost analysis from its actuary for a 5-year phase in plan.					
During discussion, the Board agreed that a cost analysis should be sought for both a 5-year phase-in and an immediate implementation.					
MOTION: To direct Nyhart to prepare cost analyses to shorten the amortization of unfunded liabilities on future bases to 20 years by 1) a 5-year phase-in of 2% per year, and 2) immediately commencing with the October 1, 2018 actuarial recommendation; as recommended by Nyhart, and consistent with the discussion with the City Manager and City Staff. PASSED 9-0.	Samolewicz Aaronian Christophers	x	x	X X X X X X X	
Trustee Samolewicz discussed the educational benefits of the 2018 Public Funds Forum and recommended that attendance be approved for any interested Trustee. If approved, registration is now open for this event.					

Board of Trustees Minutes May 3-5, 2018 Page Eight	TRUSTEES	М	s	Y	N
MOTION: To approve attendance for any interested Trustee at the 2018 Public Funds Forum, September 4-6, Laguna Beach, CA. PASSED 9-0.	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	x	х	X X X X X X X	
Trustee Drago discussed the educational benefits of the IFEBP Wharton Alternative Investments Conference and recommended that attendance be approved for any interested Trustee. He noted that this conference is only offered every other year.					
MOTION: To approve attendance for any interested Trustee at the IFEBP Wharton Alternative Investments Conference, July 30 – August 1, in San Francisco, CA. PASSED 9-0.	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	x	x	X X X X X X X	
COMMITTEE REPORTS					
Communication Committee:					
Committee Chairman Rossi reported that some responses have been received from Committee members regarding potential updates to the website. He will soon be reaching out to convene a Committee meeting for further discussion.					
The Executive Director reported that the current website was designed on the WordPress platform, is hosted by CNI, and Pension Staff functions as the webmaster for purposes of routine maintenance and updates.					
No other Committee Reports were rendered.					
EXECUTIVE DIRECTOR'S REPORT					
Received service-incurred disability application on April 16 from active firefighter, Mitchell Grossman. At MMI with 18% impairment rating as of April 26. Pending update from the City as to his work status and whether they will be providing a letter to him. A notice of appearance was submitted by attorney Michael Clelland.					
Tayt Odom is the actuary replacing David Harris who left Nyhart on April 27.					

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Chairman O'Connell suggested that the Board take action to authorize the Executive Director to coordinate an independent medical examiner's appointment once the City provides the required records.					
The Board discussed the current process of handling disability claims. Being that the natural progression is to schedule an appointment with the independent medical examiner once the record is complete, it was suggested that the disability procedures be amended to authorize an IME appointment to be scheduled once the record is complete rather than waiting for Board approval. This will reduce processing delays.					
MOTION : To authorize the Executive Director to direct legal counsel to schedule an appointment with an independent medical examiner once all required records are received by the Pension Office. PASSED 9-0.	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	x	x	X X X X X X X	
MOTION: To adjourn the May 4, 2018 business meeting at 12:22 PM and recess to 1:00 PM. 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.					
THE BLACKSTONE GROUP By: Michael Cambias, Principal and Matthew Pedley, Managing Director.					
GOLDMAN SACHS By: Chris Hunter, Vice President Alternative Investments and Jenna Shen, Managing Director Wealth Management.					
NB ALTERNATIVES ADVISERS, LLC By: John Buser, Managing Director.					
Following the presentations for the day, a roundtable was held with representatives from Blackstone, Brookfield, Goldman Sachs, Incore, Lazard, Neuberger Berman, Renaissance and Wells. Viewpoints were shared on the effect of the recent tax cuts and the implications of a possible trade war.					

Board of Trustees Page Ten	Minutes	May 3-5, 2018	TRUSTEES	М	s	Y	N
The presentations for Friday, May 4, 2018 ended at 4:30 PM. A networking session was conducted from $5:00-6:15$ PM followed by dinner with the investment managers at 7:00 PM at Chops Lobster Bar in Boca Raton.							
SATURDAY, MAY	<u>5, 2018</u>						
Pompano Beach R	ustees reconvened at the Fort esort and Spa, 1200 N. Ocean Blv O'Connell called the meeting back	d in Pompano Beach,					
PRESENT:	Chairman Paul O'Connell Vice-Chairman Richard Samolew Trustee Sharra Aaronian Trustee Daniel Christophers Trustee Robert Drago Trustee Vincent Femia Trustee Jorge Rossi	icz					
ABSENT:	Trustee David Hall Trustee Peter McGinnis						
ALSO PRESENT:	Debra Tocarchick, Executive Director Maureen Femia, Deputy Director Charles Mulfinger II, Graystone C Scott Owens, Graystone Consulti	Consulting					
<u>VISITORS</u> :	Pat Fletcher, Police Member						
throughout the mo	estment managers presented the rning. All the manager reports a vailable at the Pension Office.						
LAZARD ASSET M By: Frank Sposate Portfolio Manager.	NANGEMENT Do Director and Michael Powers, M	lanaging Director and					
	VESTMENT MANAGEMENT ning, Partner, Research Analyst a	and Mike Streitmarter,					
GRAYSTONE WRA	AP-UP						
At the conclusion of made the following	of the investment manager present observations:	ntations, Mr. Mulfinger					
process of being reasset classes. The	nt managers are performing well. eplaced by Nuance. The Plan is well traditional managers, overall, a want to be to capture less of the comarket.	well diversified among re more conservative					

Board of Trustees Minutes May 3-5, 2018 Page Eleven	TRUSTEES	M	S	Y	N
The exposure to the alternative investments arena is developing well and creating added value. With regard to master limited partnerships, Mr. Mulfinger recommended staying the course. Mr. Mulfinger will be reviewing the best areas to reinvest proceeds from the Plan's unwinding private equity investments.				ти лаковачиться потологоваться птактостического потологоваться птактостического птактостиче птактостического птактостического птактостического	
The Board discussed possible revisions to the Educational Symposium format:					- Annie de la constante de la
 Move the roundtable to Friday morning rather than afternoon. Notify the investment managers that casual attire (no ties) is appropriate in 2019. 			dardolonia Arabania anterna esta esta del contra esta del cont		ALLE STATEMENT S
The target date for the 2019 Symposium is May 2-4.					
ADJOURNMENT	a material version and the state of the stat		www.inwels.newl.minderiedens		
MOTION: To adjourn the 2018 Educational Symposium at 10:19 AM. PASSED 7-0.	O'Connell Samolewicz Aaronian Christophers Drago Femia	X	×	X X X X X	
Respectfully submitted,	Rossi	***************************************	NAMES OF THE STATE	Х	
Lebra Tocarchick				The state of the s	STATE OF THE PROPERTY OF THE P
Debra Tocarchick, CEBS Executive Director					
DISTRIBUTION: Board of Trustees Robert A. Sugarman, Esq. Pedro Herrera, Esq. Tayt Odom, Actuary City Manager Mayor and City Commission City Clerk Assistant City Attorney City HR Director President IAFF Local 1549 Marcum					

REGULAR MEETING – MAY 4, 2018

ITEM NO. 5 - WARRANT NOS. 4971 THROUGH 4975

Ratified and Approved on 05/04/2018

WARRANT NO.	PAYABLE TO	DESCRIPTION	AMOUNT
4971	Maureen Femia Vantagepoint Transfer Agents/401	One time payroll due for pay period ending date 5/15/2018 reflecting pro-rated salary increase effective on 5/6/2018, less 10% 401(a) employee contribution; \$3,073.73, 401(a) employee and employer contribution \$683.06, Total \$3,756.79	3,756.79
4972	Maureen Femia Vantagepoint Transfer Agents/401	Salary increase to be applied commencing 5/16/2018, less 10% 401(a) employee contributions; \$3,127.90; 401(a) employee and employer contribution, \$695.08, Total \$3,822.98	3,822.98
4973	Sands Capital Lazard Asset Management BlackRock	Invoice No. 76576, Investment management fee for quarter ending 3/31/2018; \$45,387.61 Invoice No. 1753850, Investment management fee quarter ending 3/31/2018; \$21,317.26 Invoice No. 20180331-9371-51959-A, Inv mgmt fee quarter beginning 4/01/18; \$18,264.17	84,969.04
4974	Robert Schmidt	Normal Retirement benefit commencing 6/1/2018 as a result of reaching end of DROP period on 5/31/2018; \$3,664.74	3,664.74
4975	Robert Schmidt	Monthly installments from Fund Rate DROP account commencing 6/1/2018; \$2,000.00	2,000.00

SUMMARY OF RELEVANT FACTS Pompano Beach Police & Firefighters' Retirement System As of March 31, 2018

Plant II allow of Assessed			Other Lawrence France					
Distribution of Assets:			Other Important Facts:		#00F F04 04C			
Equity	000 055 744		Total Portfolio		\$235,584,046			
-Large Cap. Value -Large Cap. Growth	\$29,255,714 \$31,436,132		Total Gain or (Loss) - Gross of Fees		\$1,865,963			
-Mid Cap. Value	\$11,853,347		BLACKROCK			LAZARD (International Value)		
-Small/Mid Cap. Growth	\$12,341,491		Total Assets	100.00%	\$29,255,714	Total Assets	100.00%	\$18,023,343
-International Value	\$18,023,343		Equity	95.46%	\$27,926,830	Equity	97.51%	\$17,575,359
-International Growth	\$17,999,278		Cash	4.54%	\$1,328,883	Cash	2.49%	\$447,984
Total Equity	<u> </u>	\$120,909,305	Fees		(\$18,882)	Fees	2.1070	(\$21,712)
Fixed Income		\$52,578,624	Gain or (Loss)		(\$551,111)	Gain or (Loss)		\$41,969
Private Real Estate		\$19,404,804			(4001)			. ,
Fund of Hedge Funds		\$21,850,313	SANDS CAPITAL MANAGEMENT			RENAISSANCE (International Gro	wth)	
Master Limited Partnerships		\$9,803,365	Total Assets	100.00%	\$31,436,132	Total Assets	100.00%	\$17,999,278
Private Equity		\$9,808,260	Equity	98.74%	\$31,040,695	Equity	98.93%	\$17,805,826
Cash (Non-Managed Account)		\$1,229,375	Cash	1.26%	\$395,437	Cash	1.07%	\$193,453
Total Portfolio		\$235,584,046	Fees		(\$44,676)	Fees		(\$27,838)
			Gain or (Loss)		\$3,066,614	Gain or (Loss)		\$128,361
Distribution by Percentages:	Policy	Current	,		******	, , , , , ,		* -,
Equity Breakdown			RBC GLOBAL			STANDISH MELLON		
-Large Cap. Value	12.50%	12.42%	Total Assets	100.00%	\$11,853,347	Total Assets	100.00%	\$26,236,551
-Large Cap. Growth	12.50%	13.34%	Equity	96.61%	\$11,451,787	Fixed	97.69%	\$25,630,693
-Mid Cap. Value	5.00%	5.03%	Cash	3.39%	\$401,560	Cash	2.31%	\$605,858
-Small/Mid Cap. Growth	5.00%	5.24%	Fees		(\$9,641)	Fees		(\$15,283)
-International Value	7.50%	7.65%	Gain or (Loss)		(\$53,140)	Gain or (Loss)		(\$359,660)
-International Growth	7.50%	7.64%						
Total Equity	50.00%	51.32%	WELLS			INCORE/VICTORY (FORMERLY N	IUNDER)	
Fixed Income	22.50%	22.32%	Total Assets	100.00%	\$12,341,491	Total Assets	100.00%	\$26,342,072
Private Real Estate	7.50%	8.24%	Equity	96.76%	\$11,941,663	Fixed	99.52%	\$26,215,899
Fund of Hedge Funds	10.00%	9.27%	Cash	3.24%	\$399,828	Cash	0.48%	\$126,174
Master Limited Partnerships	5.00%	4.16%	Fees		(\$26,681)	Fees		(\$12,319)
Private Equity	5.00%	4.16%	Gain or (Loss)		\$460,091	Gain or (Loss)		(\$280,786)
Cash (Non-Managed Account)	0.00%	0.52%						
Total Portfolio	100.00%	100.00%						
INVESCO (Private Real Estate)			Pine Grove Fund of Hedge Fund			NB CROSSROADS (PRIVATE EQI	JITY) #2	
Private Real Estate	100.00%	\$16,404,804	Fund of Hedge Fund	100.00%	\$10,384,993	Fund of Hedge Fund	100.00%	\$2,415,564
Fees		(\$45,485)	Gain or (Loss)		\$129,516	Gain or (Loss)		\$0
Gain or (Loss)		\$433,175						
							_	
OFFICE BUILDING			Center Coast Master Limited Partn	•		BLACKSTONE (PRIVATE EQUITY	-	
Total Assets	100.00%	\$3,000,000	Fund of Hedge Fund	100.00%	\$9,803,365	Total Assets	100.00%	\$2,322,882
Gain or (Loss)		\$21,250	Gain or (Loss)		(\$1,450,938)	Gain or (Loss)		\$141,061
Ironwood Fund of Hedge Fund			NB CROSSROADS (PRIVATE EQU	ITY) #1		GOLDMAN SACHS (PRIVATE EQ	(JITY)	
Fund of Hedge Fund	100.00%	\$11,465,320	Total Assets	100.00%	\$3,586,796	Total Assets	100.00%	\$1,483,018
Gain or (Loss)	. 55.5576	\$131,128	Gain or (Loss)	.00.0070	\$0	Gain or (Loss)	.00.0070	\$0
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MAIN ACCOUNT (NON-MANAGE	ED)							
Cash	100.00%	\$1,229,375						
Gain or (Loss)		\$8,433						

BREAKDOWN OF RETURNS Pompano Beach Police & Firefighters' Retirement System As of March 31, 2018

TRADITIONAL INVESTMENTS

BLACKROCK		Your Returns				
Large Cap. Value		Gross	Net	Russ 1000 Value	PSN Money Mgrs.	S&P 500
Qu	arter	(1.94)	(2.00)	(2.83)	(2.32)	(0.76)
1	year	11.28	10.79	6.95	9.60	13.99
	year	9.97	9.39	7.87	8.63	10.78
	year	10.55	9.91	10.78	11.28	13.31
Since 1/31/	-	11.08	10.47	11.56	NA	13.96
SANDS CAPITAL	2013	11.00	10.47	11.50	INA	13.30
Large Cap. Growth				Russ 1000 Growth	DCN Manay Mana	
•		0.70	0.50		PSN Money Mgrs.	
	arter	9.73	9.58	1.42	1.33	
	year	30.84	30.11	21.26	18.57	
	year	12.87	12.22	12.90	10.70	
	year	16.23	15.54	15.54	14.00	
Since 5/31/2	2003	12.97	12.32	10.11	NA	
RBC GLOBAL						
Mid Cap. Value				Russ Mid Value	PSN Money Mgrs.	
Qu	arter	(0.44)	(0.52)	(2.50)	(1.98)	
1	year	0.61	0.30	6.50	9.33	
	year	3.35	2.80	7.22	8.35	
	year	10.38	9.82	11.10	11.77	
Since 1/31/	-	15.47	14.81	17.00	NA	
WELLS	2009	10.47	14.01	17.00	INA	
Small/Mid Cap. Growth				Days of the Greenst	DON Marrow Marro	
·		2.44	2.20	Russ 2500 Growth	PSN Money Mgrs.	
	arter	3.41	3.20	2.38	2.95	
	year	22.51	21.46	19.92	19.53	
	year	11.06	10.06	9.10	9.88	
5	year	13.76	12.75	13.36	13.38	
Since 1/31/	2009	19.53	18.50	18.29	NA	
LAZARD						
International Value				MSCI AC Wrld x US		
Qu	arter	0.06	(0.06)	(1.18)		
1	year	18.48	17.90	16.53		
3	year	7.24	6.70	6.18		
5	year	6.87	6.34	5.89		
Since 1/31/	-	6.39	5.88	5.51		
RENAISSANCE		0.00	0.00	0.01		
International Growth				MSCI AC Wrld x US		
	arter	0.47	0.33	(1.18)		
	year	16.62	15.91	16.53		
	-					
	year	6.27	5.58	6.18		
	year	9.01	8.31	5.89		
Since 1/31/.	2009	11.23	10.54	9.96		
STANDISH MELLON						
Fixed Income				BC Aggregate	BC Int. Aggregate	BC Int. Gov/Credit
	arter	(1.45)	(1.45)	(1.46)	(1.05)	(0.98)
1	year	1.55	1.32	1.20	0.51	0.35
3	year	1.19	0.91	1.20	1.01	0.94
5	year	1.88	1.56	1.82	1.45	1.25
Since 4/30/	2003	4.04	3.71	3.91	3.57	3.36
INCORE/VICTORY (Munder)						
Fixed Income				BC Aggregate	BC Int. Aggregate	BC Int. Gov/Credit
	arter	(1.14)	(1.19)	(1.46)	(1.05)	(0.98)
	vear	1.88	1.68	1.20	0.51	0.35
	year	1.44	1.29	1.20	1.01	0.94
	-	2.09	1.29			
	year			1.82	1.45	1.25
Since 9/30/	2002	4.35	4.13	4.01	3.66	3.50

ALTERNATIVE INVESTMENTS

	STMENTS						
INVESCO							
Private Real Estate		Gross	Net	NCREIF	NCREIF ODCE	BC Aggregate	
	Quarter	2.42	2.13	1.70	2.20	(1.46)	
	1 year	8.31	7.11	7.13	8.07	1.20	
	3 year	10.50	9.28	8.73	9.99	1.20	
	5 year	11.63	10.41	10.00	11.43	1.82	
	Since 7/31/2006	6.38	5.25	7.41	6.51	4.21	
OFFICE BUILDING	0.1100 170 172000	0.00	0.20	7.1.1	0.0.		
Private Real Estate				90-Day T-Bill	BC Aggregate		
Tivate Real Estate	Quarter	0.71	0.71	0.35	(1.46)		
		4.34	4.34	1.07			
	1 year				1.20		
	3 year	4.20	4.20	0.49	1.20		
	5 year	7.93	7.93	0.31	1.82		
	Since 3/31/2007	0.50	0.43	0.64	3.99		
Ironwood							
Fund of Hedge Funds				HFRI FOF Cons	BC Aggregate		
	Quarter	1.16	1.16	0.43	(1.46)		
	1 year	6.32	6.32	3.30	1.20		
	3 year	3.36	3.36	1.61	1.20		
	5 year	5.67	5.67	2.93	1.82		
	Since 7/31/2008	3.55	3.55	1.33	3.88		
Pine Grove	SITILE 1/31/2000	ა.აა	3.35	1.33	3.00		
Fund of Hedge Funds	0 1	4.00	4.00	HFRI FOF Cons	BC Aggregate		
	Quarter	1.26	1.26	0.43	(1.46)		
	1 year	5.26	5.26	3.30	1.20		
	3 year	2.13	2.13	1.61	1.20		
	5 year	3.07	3.07	2.93	1.82		
	Since 9/30/2008	3.78	3.78	2.09	3.99		
Center Coast							
Master Limited Partner	rships			Alerian MLP	BC Aggregate		
	0	(40.00)	(10.00)	(44.40)	(1 10)		
Į.	Quarter	(12.89)	(13.00)	(11.12)	(1.46)		
				(11.12) (20.07)	(1.46) 1.20		
	1 year	(20.98)	(21.37)	(20.07)			
	1 year 3 year	(20.98) (11.64)	(21.37) (12.04)	(20.07) (11.25)	1.20 1.20		
Neuberger Berman	1 year	(20.98)	(21.37)	(20.07) (11.25) (11.34)	1.20		
Neuberger Berman	1 year 3 year	(20.98) (11.64) (11.18)	(21.37) (12.04) (11.57)	(20.07) (11.25) (11.34) S&P 500 /	1.20 1.20 1.58		
Neuberger Berman Private Equity #1	1 year 3 year Since 1/31/2015	(20.98) (11.64) (11.18)	(21.37) (12.04) (11.57)	(20.07) (11.25) (11.34) S&P 500 / 90 Day T-Bill (Sept)	1.20 1.20 1.58		
	1 year 3 year Since 1/31/2015 Quarter	(20.98) (11.64) (11.18) Time-Wtd	(21.37) (12.04) (11.57) Dollar-Wtd	(20.07) (11.25) (11.34) S&P 500 / 90 Day T-Bill (Sept) 0.35	1.20 1.20 1.58 BC Aggregate (1.46)		
	1 year 3 year Since 1/31/2015 Quarter 1 year	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45	(20.07) (11.25) (11.34) S&P 500 / 90 Day T-Bill (Sept) 0.35 8.38	1.20 1.20 1.58 BC Aggregate (1.46) 1.20		
	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09	(20.07) (11.25) (11.34) \$&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.20		
	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45	(20.07) (11.25) (11.34) S&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.20 1.82		
Private Equity #1	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09	(20.07) (11.25) (11.34) S&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.20		
	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09	(20.07) (11.25) (11.34) S&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.20 1.82		
Private Equity #1	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31	(20.07) (11.25) (11.34) S&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 S&P 500 / 90 Day T-Bill (Sept)	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.20 1.82 3.20		
Private Equity #1 Neuberger Berman	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00	(20.07) (11.25) (11.34) S&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 S&P 500/ 90 Day T-Bill (Sept)	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.20 1.82 3.20 BC Aggregate (1.46)		
Private Equity #1 Neuberger Berman	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31	(20.07) (11.25) (11.34) S&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 S&P 500 / 90 Day T-Bill (Sept)	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.20 1.82 3.20		
Private Equity #1 Neuberger Berman	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00	(20.07) (11.25) (11.34) S&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 S&P 500/ 90 Day T-Bill (Sept)	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.20 1.82 3.20 BC Aggregate (1.46)		
Private Equity #1 Neuberger Berman	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18	(20.07) (11.25) (11.34) S&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 S&P 500/ 90 Day T-Bill (Sept) 0.35 8.38	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20		
Private Equity #1 Neuberger Berman	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18	(20.07) (11.25) (11.34) S&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 S&P 500 / 90 Day T-Bill (Sept) 0.35 8.38	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20		
Private Equity #1 Neuberger Berman Private Equity #2 Blackstone	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90 6.79	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18 11.31	(20.07) (11.25) (11.34) S&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 S&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 9.70	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20 1.20		
Private Equity #1 Neuberger Berman Private Equity #2	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year Since 7/31/2014	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90 6.79 Time-Wtd	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18 11.31	(20.07) (11.25) (11.34) \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 9.70 \$&P 500/ 90 Day T-Bill (Dec)	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20 1.20		
Private Equity #1 Neuberger Berman Private Equity #2 Blackstone	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year 3 year Since 7/31/2014	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90 6.79 Time-Wtd 6.47	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18 11.31	(20.07) (11.25) (11.25) (11.34) \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 9.70 \$&P 500/ 90 Day T-Bill (Dec) 0.35	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20 1.20		
Private Equity #1 Neuberger Berman Private Equity #2 Blackstone	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year Since 7/31/2014 Quarter 1 year	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90 6.79 Time-Wtd 6.47 19.50	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18 11.31 Dollar-Wtd 6.00 16.48	(20.07) (11.25) (11.25) (11.34) \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 9.70 \$&P 500/ 90 Day T-Bill (Dec) 0.35 15.26	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20 1.20 1.20		
Private Equity #1 Neuberger Berman Private Equity #2 Blackstone	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year Since 7/31/2014 Quarter 1 year 3 year Since 7/31/2014	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90 6.79 Time-Wtd 6.47 19.50 12.07	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18 11.31	(20.07) (11.25) (11.25) (11.34) \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 9.70 \$&P 500/ 90 Day T-Bill (Dec) 0.35 15.26 11.20	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20 1.20		
Private Equity #1 Neuberger Berman Private Equity #2 Blackstone Private Equity	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year Since 7/31/2014 Quarter 1 year	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90 6.79 Time-Wtd 6.47 19.50	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18 11.31 Dollar-Wtd 6.00 16.48	(20.07) (11.25) (11.25) (11.34) S&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 S&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 9.70 S&P 500/ 90 Day T-Bill (Dec) 0.35 15.26 11.20 11.74	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20 1.20 1.20		
Private Equity #1 Neuberger Berman Private Equity #2 Blackstone Private Equity Goldman Sachs	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year Since 7/31/2014 Quarter 1 year 3 year Since 7/31/2014	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90 6.79 Time-Wtd 6.47 19.50 12.07 11.97	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18 11.31 Dollar-Wtd 6.00 16.48 9.65	(20.07) (11.25) (11.25) (11.34) \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 9.70 \$&P 500/ 90 Day T-Bill (Dec) 0.35 15.26 11.20 11.74	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20 1.20 1.20 BC Aggregate (1.46) 1.20 1.20		
Private Equity #1 Neuberger Berman Private Equity #2 Blackstone Private Equity	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year 3 year Since 7/31/2014 Quarter 1 year 3 year Since 11/30/2013	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90 6.79 Time-Wtd 6.47 19.50 12.07 11.97 Time-Wtd	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18 11.31 Dollar-Wtd 6.00 16.48 9.65	(20.07) (11.25) (11.25) (11.34) \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 \$&P 500/ 90 Day T-Bill (Sept) 0.35 8.38 8.94 9.70 \$&P 500/ 90 Day T-Bill (Dec) 0.35 15.26 11.20 11.74 \$&P 500/ 90 Day T-Bill (Dec)	1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20 1.20 1.20 BC Aggregate (1.46) 1.20 1.20 BC Aggregate (1.46) 1.20 1.20		
Private Equity #1 Neuberger Berman Private Equity #2 Blackstone Private Equity Goldman Sachs	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year 3 year Since 7/31/2014 Quarter 1 year 3 year Since 11/30/2013	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90 6.79 Time-Wtd 6.47 19.50 12.07 11.97 Time-Wtd 0.00	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18 11.31 Dollar-Wtd 6.00 16.48 9.65	(20.07) (11.25) (11.25) (11.34) \$&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 \$&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94 9.70 \$&P 500 / 90 Day T-Bill (Dec) 0.35 15.26 11.20 11.74 \$&P 500 / 90 Day T-Bill (Dec) 0.35	1.20 1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20 1.20 1.20 BC Aggregate (1.46) 1.20 1.20 BC Aggregate (1.46) 1.20 1.20		
Private Equity #1 Neuberger Berman Private Equity #2 Blackstone Private Equity Goldman Sachs	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year Since 7/31/2014 Quarter 1 year 3 year Since 11/30/2013 Quarter 1 year	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90 6.79 Time-Wtd 6.47 19.50 12.07 11.97 Time-Wtd 0.00 5.47	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18 11.31 Dollar-Wtd 6.00 16.48 9.65	(20.07) (11.25) (11.25) (11.34) \$&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 \$&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94 9.70 \$&P 500 / 90 Day T-Bill (Dec) 0.35 15.26 11.20 11.74 \$&P 500 / 90 Day T-Bill (Dec) 0.35 15.26 11.20 11.74	1.20 1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20 1.20 1.20 BC Aggregate (1.46) 1.20 1.20 BC Aggregate (1.46) 1.20 1.20		
Private Equity #1 Neuberger Berman Private Equity #2 Blackstone Private Equity Goldman Sachs	1 year 3 year Since 1/31/2015 Quarter 1 year 3 year 5 year Since 3/31/2010 Quarter 1 year 3 year 3 year Since 7/31/2014 Quarter 1 year 3 year Since 11/30/2013	(20.98) (11.64) (11.18) Time-Wtd 0.00 14.34 11.59 13.48 4.55 Time-Wtd 0.00 15.05 9.90 6.79 Time-Wtd 6.47 19.50 12.07 11.97 Time-Wtd 0.00	(21.37) (12.04) (11.57) Dollar-Wtd 0.00 14.45 11.09 13.31 Dollar-Wtd 0.00 15.18 11.31 Dollar-Wtd 6.00 16.48 9.65	(20.07) (11.25) (11.25) (11.34) \$&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94 12.18 12.36 \$&P 500 / 90 Day T-Bill (Sept) 0.35 8.38 8.94 9.70 \$&P 500 / 90 Day T-Bill (Dec) 0.35 15.26 11.20 11.74 \$&P 500 / 90 Day T-Bill (Dec) 0.35	1.20 1.20 1.20 1.58 BC Aggregate (1.46) 1.20 1.82 3.20 BC Aggregate (1.46) 1.20 1.20 1.20 BC Aggregate (1.46) 1.20 1.20 BC Aggregate (1.46) 1.20 1.20		

TOTAL FUND				
Time-Weighted Return (TWR)			Policy Index	
Quarter	0.65	0.54	(1.01)	
1 year	9.98	9.49	7.61	
3 year	5.80	5.29	5.27	
5 year	7.85	7.33	7.31	
Since 9/30/2002	7.72	7.23	7.49	
Since 6/30/1995	7.26			

TOTAL FUND				
Dollar-Weighted Net Return (IRR)		Actuarial Rate	CPI +3	
Quarter	0.59	1.82	1.53	
1 year	9.57	7.50	5.65	
3 year	5.08	7.50	5.01	
5 year	7.38	7.50	4.49	

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.