Investment Performance Review Period Ending December 31, 2018

Town of Palm Beach OPEB Trust

Preliminary Results





			Index Re	turns (%)		
<u>Equities</u>	Month	<u>3 M</u>	YTD	1 Year	3 Yr Ann	<u>5 Yr</u> Ann
S&P 500 Total Return	(9.03)	(13.52)	(4.38)	(4.38)	9.25	8.49
Russell Midcap Index	(9.93)	(15.38)	(9.08)	(9.08)	7.02	6.24
Russell 2000 Index	(11.88)	(20.21)	(11.03)	(11.03)	7.34	4.40
Russell 1000 Growth Indx	(8.60)	(15.89)	(1.52)	(1.52)	11.14	10.40
Russell 1000 Value Index	(9.61)	(11.73)	(8.28)	(8.28)	6.93	5.93
Russell 3000 Index	(9.31)	(14.31)	(5.25)	(5.25)	8.95	7.90
MSCI EAFE NR	(4.85)	(12.54)	(13.79)	(13.79)	2.87	0.53
MSCI EM NR	(2.66)	(7.47)	(14.58)	(14.58)	9.24	1.65

	Russell	Indices Sty	le Returns				
	V	В	G		V	В	G
L	-8.3	-4.8	-1.5	L	13.6	21.7	30.2
М	-12.3	-9.1	-4.8	М	13.3	18.5	25.3
s	-12.9	-11.0	-9.3	S	7.8	14.6	22.1
		YTD		!		2017	

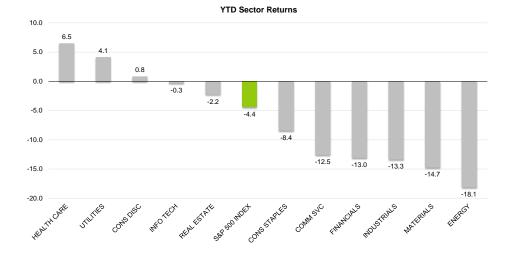
		Index Re	turns (%)			
Fixed Income	<u>Month</u>	<u>3 M</u>	YTD	1 Year	Mod. Adj. Duration	Yield to Worst
U.S. Aggregate	1.84	1.64	0.01	0.01	5.87	3.28
U.S. Corporate Investment Grade	1.47	(0.18)	(2.51)	(2.51)	7.10	4.20
U.S. Corporate High Yield	(2.14)	(4.53)	(2.08)	(2.08)	3.96	7.95
Global Aggregate	2.02	1.20	(1.20)	(1.20)	6.96	2.03

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U.S. Corporate High Yield	(2.14)	(4.53)	(2.08)	(2.08)	3.96	7.95
Global Aggregate	2.02	1.20	(1.20)	(1.20)	6.96	2.03
			Levels (%)			
Key Rates	12/31/18	12/31/17	12/31/16	12/31/15	12/31/14	
3 Month	2.35	1.38	0.50	0.16	0.04	

		Levels (%)		
12/31/18	12/31/17	12/31/16	12/31/15	12/31/14
2.35	1.38	0.50	0.16	0.04
2.49	1.88	1.19	1.05	0.66
2.68	2.41	2.44	2.27	2.17
3.01	2.74	3.07	3.02	2.75
2.81	1.69	1.00	0.61	0.26
(0.31)	(0.33)	(0.32)	(0.13)	0.08
4.51	3.85	4.06	3.90	3.99
5.50	4.50	3.75	3.50	3.25
	2.35 2.49 2.68 3.01 2.81 (0.31) 4.51	2.35 1.38 2.49 1.88 2.68 2.41 3.01 2.74 2.81 1.69 (0.31) (0.33) 4.51 3.85	12/31/18 12/31/17 12/31/16 2.35 1.38 0.50 2.49 1.88 1.19 2.68 2.41 2.44 3.01 2.74 3.07 2.81 1.69 1.00 (0.31) (0.33) (0.32) 4.51 3.85 4.06	12/31/18 12/31/17 12/31/16 12/31/15 2.35 1.38 0.50 0.16 2.49 1.88 1.19 1.05 2.68 2.41 2.44 2.27 3.01 2.74 3.07 3.02 2.81 1.69 1.00 0.61 (0.31) (0.33) (0.32) (0.13) 4.51 3.85 4.06 3.90

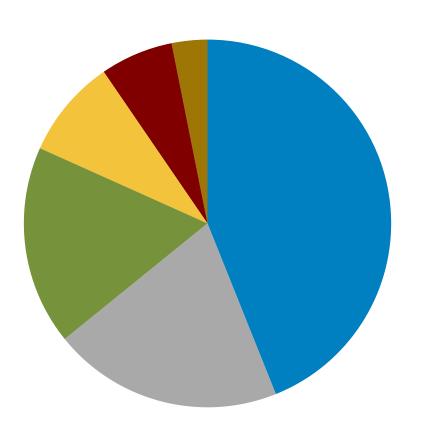
	Levels						
<u>Currencies</u>	<u>12/31/18</u>	12/31/17	12/31/16				
Euro Spot	1.15	1.20	1.05				
British Pound Spot	1.28	1.35	1.23				
Japanese Yen Spot	109.69	112.69	116.96				
Swiss Franc Spot	0.98	0.97	1.02				

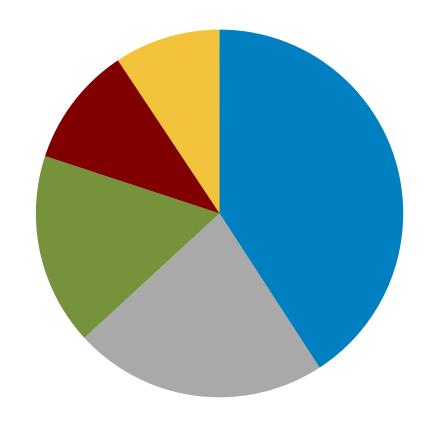
		Levels	
<u>Commodities</u>	12/31/18	12/31/17	12/31/16
Oil	45.41	57.40	56.24
Gasoline	2.26	2.49	2.34
Natural Gas	2.94	3.06	3.16
Gold	1,281.30	1,337.70	1,187.30
Silver	15.54	17.57	16.50
Copper	263.10	335.95	252.20
Corn	375.00	393.25	397.50
BBG Commodity TR Idx	159.72	179.96	176.94





September 30, 2018 : \$32,293,472 December 31, 2018 : \$29,360,346

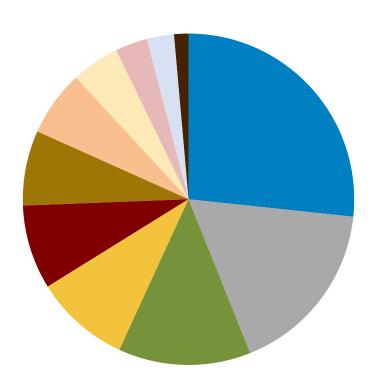


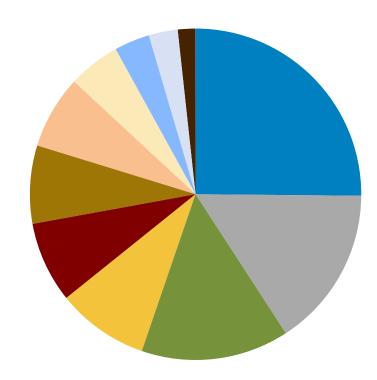


Allocation			Allocation		
	Market Value (\$)	Allocation (%)		Market Value (\$)	Allocation (%)
■ Domestic Equity	14,186,881	43.93	■ Domestic Equity	11,988,025	40.83
■ Total Fixed Income	6,537,655	20.24	Total Fixed Income	6,558,196	22.34
International Equity	5,662,702	17.54	International Equity	4,955,828	16.88
Total Non-Traditional Assets	2,819,607	8.73	■ Total Real Estate	3,115,209	10.61
■ Total Real Estate	2,072,148	6.42	Total Non-Traditional Assets	2,737,684	9.32
Total Liquid Capital	1,014,479	3.14	Total Liquid Capital	5,403	0.02



September 30, 2018 : \$32,293,472 December 31, 2018 : \$29,360,346



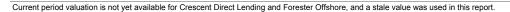


Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Fidelity Total Market Index Fund (FSKAX)	8,617,031	26.7	■ Fidelity Total Market Index Fund (FSKAX)	7,381,040	25.1
■ Vanguard S&P MC 400 (VSPMX)	5,569,849	17.2	Vanguard S&P MC 400 (VSPMX)	4,606,984	15.7
Met West Total Return Bond Fund (MWTIX)	4,171,791	12.9	Met West Total Return Bond Fund (MWTIX)	4,235,446	14.4
Dodge & Cox Intl Stock Fund (DODFX)	3,008,780	9.3	Dodge & Cox Intl Stock Fund (DODFX)	2,636,132	9.0
American Funds Europacific Growth R6 (RERGX)	2,653,922	8.2	American Funds Europacific Growth R6 (RERGX)	2,319,696	7.9
Forester Offshore A2, Ltd.	2,364,799	7.3	Forester Offshore A2, Ltd.	2,236,161	7.6
Intercontinental U.S. REIF	2,072,148	6.4	Intercontinental U.S. REIF	2,100,195	7.2
PIMCO Div Inc Bond Fund (PDIIX)	1,510,763	4.7	PIMCO Div Inc Bond Fund (PDIIX)	1,491,778	5.1
Government STIF 25	1,014,479	3.1	Principal Enhanced Property Fund	1,015,014	3.5
Vanguard Total Bond Index Adm (VBTLX)	855,101	2.6	Vanguard Total Bond Index Adm (VBTLX)	830,972	2.8
■ Crescent Direct Lending Levered Fund II	454,808	1.4	■ Crescent Direct Lending Levered Fund II	501,523	1.7
Principal Enhanced Property Fund	-	0.0	Government STIF 25	5,403	0.0



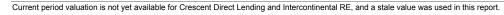
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As of December 31, 2018

	Allo	cation					Performand	e(%)				
	Market Value \$	%	MTH	QTD	FYTD	YTD	1 YR	3 \	Y R	5 YR	Inception	Inception Date
Total Fund	29,360,346	100.0	-4.92 (57)	-9.06 (65)	-9.06 (65)	-6.12 (91)	-6.12 (91)	4.03	(95)	1.96 (98)	2.93 (100)	05/01/2007
Total Fund Policy			-4.16 (21)	-7.65 (24)	-7.65 (24)	-4.25 (41)	-4.25 (41)	4.44	(92)	3.37 (93)	N/A	
All Public Plans-Total Fund Median			-4.81	-8.59	-8.59	-4.62	-4.62	5.58		4.66	5.14	
Domestic Equity	11,988,025	40.8	-10.09 (63)	-15.50 (52)	-15.50 (52)	-7.63 (51)	-7.63 (51)	7.70	(39)	6.49 (36)	4.78 (62)	06/01/2007
Russell 3000 Index			-9.31 (48)	-14.30 (41)	-14.30 (41)	-5.24 (35)	-5.24 (35)	8.97	(24)	7.91 (20)	6.54 (30)	
IM U.S. Equity (MF) Median			-9.39	-15.37	-15.37	-7.49	-7.49	6.82		5.38	5.42	
Vanguard S&P MC 400 (VSPMX)	4,606,984	15.7	-11.31 (81)	-17.29 (59)	-17.29 (59)	-11.14 (55)	-11.14 (55)	N/A		N/A	-6.62 (55)	11/01/2017
S&P MidCap 400 Index			-11.32 (81)	-17.28 (59)	-17.28 (59)	-11.08 (54)	-11.08 (54)	7.66	(30)	6.03 (28)	-6.56 (55)	
IM U.S. Mid Cap Equity (MF) Median			-10.20	-16.75	-16.75	-10.70	-10.70	5.82		4.63	-6.06	
Fidelity Total Market Index Fund (FSKAX)	7,381,040	25.1	-9.30 (50)	-14.34 (49)	-14.34 (49)	-5.29 (28)	-5.29 (28)	8.93	(12)	7.92 (11)	6.63 (16)	06/01/2007
Wilshire 5000 Total Market Index (full-cap) Index			-9.30 (50)	-14.43 (52)	-14.43 (52)	-5.29 (28)	-5.29 (28)	9.01	(10)	7.69 (17)	6.62 (16)	
IM U.S. Multi-Cap Core Equity (MF) Median			-9.31	-14.38	-14.38	-7.20	-7.20	7.04		5.85	5.20	
International Equity	4,955,828	16.9	-5.98 (79)	-12.48 (53)	-12.48 (53)	-16.57 (57)	-16.57 (57)	1.87	(71)	-0.55 (72)	1.03 (44)	06/01/2007
Total International Equity Policy			-4.49 (44)	-11.41 (43)	-11.41 (43)	-13.78 (27)	-13.78 (27)	3.15	(55)	0.70 (47)	0.49 (56)	
IM International Equity (MF) Median			-4.80	-12.23	-12.23	-16.01	-16.01	3.52		0.50	0.70	
Dodge & Cox Intl Stock Fund (DODFX)	2,636,132	9.0	-6.73 (88)	-12.39 (26)	-12.39 (26)	-17.98 (82)	-17.98 (82)	3.24	(15)	-0.47 (46)	1.00 (36)	06/01/2007
MSCI EAFE (Net) Index			-4.85 (10)	-12.54 (27)	-12.54 (27)	-13.79 (29)	-13.79 (29)	2.87	(23)	0.53 (8)	0.42 (50)	
IM International Large Cap Core Equity (MF) Median			-5.58	-13.68	-13.68	-14.90	-14.90	1.60		-0.49	0.33	
American Funds Europacific Growth R6 (RERGX)	2,319,696	7.9	-5.12 (41)	-12.59 (43)	-12.59 (43)	N/A	N/A	N/A		N/A	-13.33 (50)	07/01/2018
MSCI AC World ex USA (Net)			-4.53 (26)	-11.46 (28)	-11.46 (28)	-14.20 (43)	-14.20 (43)	4.48	(23)	0.68 (41)	-10.84 (29)	
IM International Large Cap Growth Equity (MF) Median	1		-5.22	-12.68	-12.68	-15.06	-15.06	2.84		0.10	-13.33	
Total Non-Traditional Assets	2,737,684	9.3	0.07	-4.55	-4.55	-1.65	-1.65	2.83		1.48	2.92	07/01/2007
Forester Offshore A2, Ltd.	2,236,161	7.6	0.09	-5.44	-5.44	-2.81	-2.81	1.64		2.18	3.89	07/01/2007
Crosset Direct Landing Lavaged Fried II	F04 F00	4.7	0.00	0.00	0.00	NI/A	NI/A	NI/A		NI/A	0.00	02/04/2042
Crescent Direct Lending Levered Fund II	501,523	1.7	0.00	0.00	0.00	N/A	N/A	N/A		N/A	6.60	03/01/2018





	Allocation					Performance(%)						
	Market Value \$	%	МТН	QTD	FYTD	YTD	1 YR	3 \	Y R	5 YR	Inception	Inceptio Date
Total Fixed Income	6,558,196	22.3	1.34 (44)	0.89 (31)	0.89 (31)	0.22 (14)	0.22 (14)	1.34	(92)	1.52 (43)	2.59 (79)	06/01/2007
Fixed Income Composite Index IM Global Fixed Income (MF) Median			1.76 (24) 1.22	1.51 (10) 0.33	1.51 (10) 0.33	-0.06 (17) -1.76	-0.06 (17) -1.76	1.44 2.68	(90)	1.72 (34) 1.27	N/A 3.50	
Vanguard Total Bond Index Adm (VBTLX)	830,972	2.8	1.82 (10)	1.62 (12)	1.62 (12)	-0.07 (21)	-0.07 (21)	N/A		N/A	-0.02 (58)	09/01/2016
Blmbg. Barc. U.S. Aggregate Index			1.84 (8)	1.64 (11)	1.64 (11)	0.01 (18)	0.01 (18)	2.06	(45)	2.52 (28)	0.18 (41)	
IM U.S. Broad Market Core Fixed Income (MF) Median			1.46	0.99	0.99	-0.63	-0.63	1.99		2.26	0.08	
Met West Total Return Bond Fund (MWTIX)	4,235,446	14.4	1.73 (18)	1.53 (18)	1.53 (18)	0.22 (10)	0.22 (10)	N/A		N/A	0.56 (10)	12/01/2017
Blmbg. Barc. U.S. Aggregate Index			1.84 (8)	1.64 (11)	1.64 (11)	0.01 (18)	0.01 (18)	2.06	(45)	2.52 (28)	0.43 (15)	
IM U.S. Broad Market Core Fixed Income (MF) Median			1.46	0.99	0.99	-0.63	-0.63	1.99		2.26	-0.18	
PIMCO Div Inc Bond Fund (PDIIX)	1,491,778	5.1	0.01 (90)	-1.26 (90)	-1.26 (90)	-0.99 (36)	-0.99 (36)	N/A		N/A	-0.43 (29)	12/01/2017
Blmbg. Barc. Global Credit (Hedged)			0.88 (68)	-0.19 (65)	-0.19 (65)	-0.81 (33)	-0.81 (33)	4.08	(13)	3.71 (1)	-0.30 (27)	
IM Global Fixed Income (MF) Median			1.22	0.33	0.33	-1.76	-1.76	2.68		1.27	-1.36	
Total Real Estate	3,115,209	10.6	1.70 (N/A)	1.70 (76)	1.70 (76)	N/A	N/A	N/A		N/A	7.09 (24)	04/01/2018
NCREIF Fund Index-Open End Diversified Core (EW)			1.62 (N/A)	1.62 (78)	1.62 (78)	8.26 (70)	8.26 (70)	8.44	(53)	10.52 (66)	5.96 (74)	
IM U.S. Private Real Estate (SA+CF) Median			N/A	1.80	1.80	8.71	8.71	8.79		11.10	6.15	
ntercontinental U.S. REIF	2,100,195	7.2	1.62 (N/A)	1.62 (78)	1.62 (78)	N/A	N/A	N/A		N/A	7.01 (25)	04/01/2018
NCREIF Fund Index-Open End Diversified Core (EW)			1.62 (N/A)	1.62 (78)	1.62 (78)	8.26 (70)	8.26 (70)	8.44	(53)	10.52 (66)	5.96 (74)	
IM U.S. Private Real Estate (SA+CF) Median			N/A	1.80	1.80	8.71	8.71	8.79		11.10	6.15	
Principal Enhanced Property Fund	1,015,014	3.5	1.85 (N/A)	1.85 (36)	1.85 (36)	N/A	N/A	N/A		N/A	1.85 (36)	10/01/2018
NCREIF Fund Index-Open End Diversified Core (EW)			1.62 (N/A)	1.62 (78)	1.62 (78)	8.26 (70)	8.26 (70)	8.44	(53)	10.52 (66)	1.62 (78)	
IM U.S. Private Real Estate (SA+CF) Median			N/A	1.80	1.80	8.71	8.71	8.79		11.10	1.80	
Total Liquid Capital	5,403	0.0										
Government STIF 25	5,403	0.0										





Comparative Performance - IRR						
	QTD	1 YR	3 YR	5 YR	Inception	Inception Date
Crescent Direct Lending Levered Fund II	0.00	N/A	N/A	N/A	6.16	03/13/2018
Intercontinental U.S. REIF	1.35	N/A	N/A	N/A	5.87	04/30/2018
Principal Enhanced Property Fund	1.50	N/A	N/A	N/A	1.50	10/01/2018



- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.

Alpha

- A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market.

Beta

- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.

Consistency

- The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance.

Distributed to Paid In (DPI)

- The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against.

Down Market Capture

- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance

Downside Risk

- A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product.

Excess Return

- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.

Excess Risk

- A measure of the standard deviation of a portfolio's performance relative to the risk free return.

Information Ratio

- This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio.

Public Market Equivalent (PME)

- Designs a set of analyses used in the Private Equity Industry to evaluate the performance of a Private Equity Fund against a public benchmark or index.

R-Squared

- The percentage of a portfolio's performance that can be explained by the behavior of the appropriate benchmark. A high R-Squared means the portfolio's performance has historically moved in the same direction as the appropriate benchmark.

Return

- Compounded rate of return for the period.

Sharpe Ratio

- Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is an absolute rate of return per unit of risk. A higher value demonstrates better historical risk-adjusted performance.

Standard Deviation

- A statistical measure of the range of a portfolio's performance. It represents the variability of returns around the average return over a specified time period.

Total Value to Paid In (TVPI)

- The ratio of the current value of remaining investments within a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. It is a good measure of performance before the end of a fund's life

Tracking Error

- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.

Treynor Ratio

- Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance.

Up Market Capture

- The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance.



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The strategies listed may not be suitable for all investors. We believe the information provided here is reliable, but do not warrant its accuracy or completeness. Past performance is not an indication of future performance. Any information contained in this report is for informational purposes only and should not be construed to be an offer to buy or sell any securities, investment consulting, or investment management services.

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