



changes in store for 2018

Cheryl Johnson, CFA | Compliance Analyst







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### Commonwealth of Massachusetts **Public Employee Retirement Administration Commission**

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Annual Statement of the	Retiremen	t System for ti	Retirement System for the Year Ended _								
Summary of Investment Related Fees											
	10	65	ප	<b>8</b>	Accrued Payable at Year End	Total Paid or Accrued in	Market Value as of 12/31/	*Payment Method (N/C/W)	#4701 Carried Interest Exp.	#4702 Equalization Expense	#4703 Misc Investment Expense
5304 Management Fees							ļ				
ABC LP			\$15,482.57			\$ 15,482.57					
DEFLP		\$11,702.41	\$11,702.41						\$ 78,213.37		
GHILP			- \$			- \$			\$ (63,847.01)		\$10,035.37
JKL LP			\$18,904.11			\$ 18,904.11			\$ 53,187.36		\$ 4,104.55
MNO LP			\$20,794.52			\$ 20,794.52			\$ (1,653.47)		\$ 9,719.98
PQR LP			- \$						\$ (10,907.06)		\$ 9,022.77
STULP			\$11,344.00			\$ 11,344.00			\$ 14,359.00		\$ 3,294.00
VWX LP										\$388,309.79	
5304 Management Fees Total						\$ 89,930.02					
5305 Custodial Fees											
Y Bank	\$ 5,000.00	\$ 5,000.00 \$ 5,000.00 \$ 5,000.00	\$ 5,000.00			\$ 15,000.00					
5305 Custodial Fees Total						\$ 15,000.00					
5307 Investment Consultant/OCIO Fees											
Z Investment Consultants	\$ 2,500.00	\$ 2,500.00 \$ 2,500.00 \$ 2,500.00	\$ 2,500.00			\$ 7,500.00					
5307 Investment Consultant Fees Total						\$ 7,500.00					
Total Investment Related Fees and Expenses	nses					\$112,430.02			\$ 69,352.19	\$388,309.79	\$36,176.67

## ABC, LLP

Quarterly Investor Account Statement for Third Quarter 2017

statement date: Tuesday, November 28, 2017

account number: broker firm: N/A federal tax id: broker firm: N/A

date	description		cost		fair market value	
07/01/17	beginning capital balance capital contributions	s	2,345,305.10	s	4,509,699.23	
	capital distributions unrealized gains (losses)		(177,568.05)		(177,568.05) (33,495.37)	
	management fees partnership income (expenses)		(12,482.57) 53,296.73		(12,482.57) 53,296.73	5304
	realized gains (losses)					
09/30/17	ending capital balance before provisional carried interest	s	2,208,551.21	s	4,339,449.97	
	provisional carried interest allocation to GP		-		(450,222.69)	4701
09/30/17	ending capital balance	S	2,208,551.21	S	3,889,227.28	

The provisional carried interest allocation to GP accrual is an estimate based on the known value of the investments as of this statement date. It is possible that the value of the investorments may differ significantly from the amounts ultimately realized, and the carried interest could be materially different.

01/01 to 09/30/17 distribution payments \$ 177,568.05

	Fair	Value at 0	9/30/17		
	Units		Per Unit		Fair Value
Fund	5,917,616	s	18.70	S	110,656,152
Investor	232,063	s	18.70	s	4,339,450

## DEF, LLP

Quarterly Investor Account Statement for Third Quarter 2017

statement date: Tuesday, November 28, 2017

account number: federal tax id: broker firm: representative: N/A N/A

date	description		cost		fair market value	
07/01/17	beginning capital balance capital contributions capital distributions unrealized gains (losses)	s	2,982,292.06 (222,010.66)	s	5,637,128.55 - (222,010.66) (57,859.03)	
	management fees affiliate income credit partnership income (expenses) realized gains (losses)		(11,702.41) 11,702.41 67,058.28		(11,702.41) 11,702.41 67,058.28	5304
09/30/17	ending capital balance before provisional carried interest  provisional carried interest allocation to GP ending capital balance	s	2,827,339.68	s	5,424,317.14 (566,472.99) 4,857,844.15	4701

The provisional carried interest allocation to GP accrual is an estimate based on the known value of the investments as of this statement date. It is possible that the value of the investorments may differ significantly from the amounts ultimately realized, and the carried interest could be materially different.

01/01 to 09/30/17 distribution payments

\$ 222,010.66

	Fair	r Value at 0	9/30/17		
	Units		Per Unit		Fair Value
Fund	5,917,616	\$	18.70	s	110,656,152
Investor	290,079	s	18.70	S	5,424,317

## DEF, LLP

Quarterly Investor Account Statement for Second Quarter 2017

statement date: Tuesday, August 29, 2017

account number: broker firm: N/A federal tax id: representative: N/A

date	description		cost		fair market value	
04/01/17	beginning capital balance capital contributions capital distributions	s	2,954,523.61	s	5,618,642.15	
	unrealized gains (losses)		(11,702.41)		(9,282.05)	5304
	affiliate income credit partnership income (losses) realized gains (losses)		11,702.41 31,013.23 (3,244.78)		11,702.41 31,013.23 (3,244.78)	000-1
06/30/17	ending capital balance before provisional carried interest	s	2,982,292.06	s	5,637,128.55	4704
	provisional carried interest allocation to GP ending capital balance	S	2,982,292.06	S	(488,259.62) 5,148,868.93	4701

The provisional carried interest allocation to GP accrual is an estimate based on the known value of the investments as of this statement date. It is possible that the value of the investorments may differ significantly from the amounts ultimately realized, and the carried interest could be materially different.

01/01 to 06/30/17 distribution payments \$

	Fair	Value at 0	6/30/17		
	Units		Per Unit		Fair Value
Fund	6,366,112	S	18.06	S	114,997,538
Investor	312,064	s	18.06	s	5,637,129

## GHI, LLP Account Statement

Partner Name:				
Fund:			Total Fund:	\$ 26,815,000
Period End:	September 30, 2017		% of Total Fund:	18.646 %
Currency:	USD		% of LP Commitment:	18.786 %

### Summary of Capital Commitments

Unfunded Capital Commitment	\$ 350,490.90
Less: Cumulative contributions Plus: Recallable distributions	(5,110,953.40) 461,444.30
Capital Commitment	\$ 5,000,000.00

	Partner's Capital Account Activity in account	rdaı	nce with GAAP				
			Quarter to Date		Year to Date	<u>Inc</u>	ception to Date
	Beginning Capital	\$	1,469,929.30	\$	2,617,994.50	\$	-
	Contributions/(Distributions)						
	Contributions		5,374.89		25,877.39		5,110,953.40
	Distributions		(443,816.48)		(1,278,308.58)		(7,432,690.26)
	Net Contributions/(Distributions)	_	(438,441.59)	_	(1,252,431.19)	_	(2,321,736.86)
	Income/(Loss) Allocation						
5304	Management fees (net)		-				(188,273.03)
4703	Professional fees and other expenses		(10,035.37)		(37,204.05)		(420,687.09)
	Portfolio income/(loss)		14,914.39		42,986.89		969,779.42
	Realized gain/(loss)		(79,054.55)		655,413.41		3,850,327.19
	Unrealized gain/(loss)		(351,471.20)		(1,479,909.27)		(691,966.90)
	Total Income/(Loss)	Ξ	(425,646.73)	Ξ	(818,713.02)	_	3,519,179.59
4701	Carried Interest		63,847.01		122,837.70		(527,754.74)
	Ending Capital	\$	669,687.99	\$	669,687.99	\$	669,687.99

Contributions and Distributions as stated above include all amounts due and payable as of period end.

### JKL, LLP Account Statement

Partner Name: Fund:

Period End: September 30, 2017 Currency:

Total Fund: \$ 144,566,000 % of Total Fund: 5.188 % % of LP Commitment: 5.275 %

### Summary of Capital Commitments

\$ 7,500,000.00 Capital Commitment Less: Cumulative contributions (8,082,057.40) Plus: Recallable distributions 1,918,781.74 1,336,724.34 **Unfunded Capital Commitment** 

	Partner's Capital Account Activity in account	rdaı	nce with GAAP				
			Quarter to Date		Year to Date	lno	ception to Date
	Beginning Capital	\$	9,408,812.52	\$	9,132,470.83	\$	-
	Contributions/(Distributions) Contributions		373,573.93		475,589.61		8,082,057.40
	Distributions	_	(1,770,554.26)	_	(2,070,844.11)	_	(2,819,217.71)
	Net Contributions/(Distributions)	_	(1,396,980.33)	_	(1,595,254.50)	_	5,262,839.69
	Syndication Costs		(134.32)		(176.07)		(176.07)
	Income/(Loss) Allocation						
5304	Management fees (net)		(18,904.11)		(56,095.89)		(290,753.43)
4703	Professional fees and other expenses		(4,104.55)		(13,758.53)		(145,812.32)
	Portfolio income/(loss)		16,590.41		350,147.63		558,055.48
	Realized gain/(loss)		1,305,456.47		1,305,456.47		1,305,456.47
	Unrealized gain/(loss)	_	(944,321.52)	_	(672,619.62)	_	2,161,913.66
	Total Income/(Loss)	_	354,716.70	_	913,130.06	_	3,588,859.86
4701	Carried Interest		(53,187.36)		(136,943.11)		(538,296.27)
	Ending Capital	\$	8,313,227.21	\$	8,313,227.21	\$	8,313,227.21

Contributions and Distributions as stated above include all amounts due and payable as of period end.

### MNO, LLP Account Statement

 Partner Name:
 Total Fund:
 \$ 204,485,000

 Period End:
 September 30, 2017
 % of Total Fund:
 5.379 %

 Currency:
 USD
 % of LP Commitment:
 5.380 %

### Summary of Capital Commitments

Capital Commitment \$ 11,000,000.00

Less: Cumulative contributions (10,370,589.49)

Plus: Recallable distributions 1,280,289.51

Unfunded Capital Commitment \$ 1,909,700.02

	Partner's Capital Account Activity in accor	dar	nce with GAAP				
			Quarter to Date		Year to Date	<u>In</u>	ception to Date
	Beginning Capital	\$	7,123,335.93	\$	7,491,436.00	\$	-
	Contributions/(Distributions)						
	Contributions		165,605.61		499,239.05		10,370,589.49
	Distributions		(615,750.28)		(1,747,315.29)		(9,510,388.83)
	Net Contributions/(Distributions)	_	(450,144.67)	_	(1,248,076.24)		860,200.66
	Income/(Loss) Allocation						
5304	Management fees (net)		(20,794.52)		(61,705.48)		(515,794.51)
4703	Professional fees and other expenses		(9,719.98)		(25,701.49)		(223,272.07)
	Portfolio income/(loss)		7,560.79		39,023.36		937,626.26
	Realized gain/(loss)		279,013.04		726,450.81		5,268,059.08
	Unrealized gain/(loss)	_	(289,128.64)	_	(258,682.29)	_	619,249.43
	Total Income/(Loss)	_	(33,069.31)	_	419,384.91	-	6,085,868.19
4701	Carried Interest		1,653.47		(20,969.25)		(304,293.43)
	Ending Capital	\$	6,641,775.42	\$	6,641,775.42	\$	6,641,775.42

Contributions and Distributions as stated above include all amounts due and payable as of period end.

## PQR, LLP Account Statement

 Partner Name:
 Total Fund:
 \$ 135,162,000

 Period End:
 September 30, 2017
 % of Total Fund:
 5.549 %

 Currency:
 USD
 % of LP Commitment:
 5.557 %

### Summary of Capital Commitments

Capital Commitment \$ 7,500,000.00

Less: Cumulative contributions (2,857,789.23)

Plus: Recallable distributions 374,147.02

Unfunded Capital Commitment \$ 5,016,357.79

	Partner's Capital Account Activity in account	rdar	nce with GAAP				
			Quarter to Date		Year to Date	Inc	ception to Date
	Beginning Capital	\$	2,761,798.39	\$	1,555,513.22	\$	-
	Contributions/(Distributions)						
	Contributions		-		1,380,486.55		2,857,789.23
	Distributions		-		(215,647.18)		(375,501.56)
	Net Contributions/(Distributions)	_	-		1,164,839.37		2,482,287.67
	Income/(Loss) Allocation						
5304	Management fees (net)		-		-		-
4703	Professional fees and other expenses		(9,022.77)		(31,851.70)		(142,976.80)
	Portfolio income/(loss)		6,649.45		28,391.94		78,681.01
	Realized gain/(loss)		113,489.91		113,489.91		113,489.91
	Unrealized gain/(loss)		(120, 139.38)		(75,425.78)		236,004.90
	Total Income/(Loss)	_	(9,022.79)	_	34,604.37	_	285,199.02
4701	Carried Interest		10,907.06		8,725.70		(3,804.03)
	Ending Capital	\$	2,763,682.66	\$	2,763,682.66	\$	2,763,682.66

Contributions and Distributions as stated above include all amounts due and payable as of period end.

## STU, LLP

Partner Statement | For the period ended September 30, 2017

Unaudited Statement For:

PARTNER COMMITMENT SUMMARY	
Commitment Date (1)	4/7/2010
Commitment Amount	\$7,500,000
Commitment in the Fund as a % of Total Fund Commitments	0.71 %

COMMITMENT ROLL FORWARD	Current Quarter	Year-to- Date	Since Inception
Beginning Unfunded Commitment	\$3,475,873	\$3,475,873	\$0
Capital Commitments	0	0	7,500,000
Less Contributions	0	0	(4,928,017)
Plus Recallable Distributions	0	0	903,890
Transfers	0	0	0
Other Commitment Transactions (2)	0	0	0
Ending Unfunded Commitment	\$3,475,873	\$3,475,873	\$3,475,873

DERIVATION OF VALUE (3)	Current Quarter	Year-to- Date	Since Inception
Balance - Beginning of Period	\$3,711,405	\$3,738,695	\$0
Contributions (4)	0	0	4,928,017
Distributions to LP - Capital (4)	0	0	(3,880,372)
Distributions to LP - Income (4)	0	0	(13,652)
4701 Distributions - Incentive Paid to GP (5)	(14,359)	(55,160)	(205,569)
Transfers	0	0	0
Net Capital Change	(14,359)	(55,160)	828,424
Net Realized Gain/(Loss)	(50,315)	(17,523)	1,529,933
Net Change in Unrealized Appreciation/(Depreciation) (6)	61,411	41,610	698,188
Net Realized and Unrealized Gain/(Loss)	11,096	24,088	2,228,121
Income	(3,655)	(530)	1,290,238
4703 Expenses (7)	(3,294)	(5,084)	(67,905)
5304 Management Fees	(11,344)	(23,916)	(656,302)
Management Fee Offsets (8)	0	11,756	67,272
Net Investment Income	(18,293)	(17,774)	633,303
Balance - End of Period, Before Potential Incentive Allocation	\$3,689,848	\$3,689,848	\$3,689,848
Potential Incentive Allocation	(366,716)	(366,716)	(366,716)
Balance - End of Period, After Potential Incentive Allocation	\$3,323,132	\$3,323,132	\$3,323,132

FUND PERFORMANCE SUMMARY	Time-We Rate of F		Since	Inception (Tota	l) ( <b>9</b> )
	Current Quarter	Year-to Date	Multiple of Capital (12)	Multiple of Capital Returned (13)	Internal Rate of Return
Before Management Fees, Expenses, and Potential Incentive Allocation (10)	0.2 %	0.6 %	1.7	NR	20.8 %
After Management Fees and Expenses, but before Potential Incentive Allocation (10)	-0.2 %	0.2 %	1.6	NR	NR
After Management Fees, Expenses and Potential Incentive Allocation (11)	-0.2 %	0.2 %	1.5	0.8	12.9 %

VWX, LLP

Inception to 06/30/2016 Investor Statement

Statement Date: August 31, 2016

Account Number:
Federal Tax Id:
stor's Total Subscription Balance \$ 9,6

Investor's Total Subscription Balance \$ 9,611,690.21 Ownership % of Fund at 06/30/2016 8.99%

				Subscription	Partnershin	Management Amounts Due to	mounts Date to	Amounts Refunded to	Total Account	
Date	Date Description	Cash Received	True-ups Paid	Amount	Amount Income(Loss)	Fees**	Investor	Investor	Activity	Activity Cumulative Balance
91/11/10	01/11/16 Subscription investment	\$ 10,000,000.00	(388,309.79)	9,611,690.21 \$	\$ .				9,611,690.21	\$ 9,611,690.21
03/31/16	03/31/16 Allocation of profit/loss for the quarter ended				(134,133.01)	(272,121.56)			(406,254.57)	9,205,435.64
06/07/16	06/07/16 GP paid interest						3,039.59	(3,039.59)		9,205,435.64
91/20/90	06/07/16 True-ups from other investors						260,032.51	(260,032.51)		9,205,435.64
06/30/16	06/30/16 Allocation of profit/loss for the quarter ended				(12,267.91)	(86,215.62)			(98,483.53)	9,106,952.11
	Ending balance	\$ 10,000,000.00 \$ (388,309,79) \$ 9,611,690,21 \$ (146,400,92) \$ (358,337,18) \$ 263,072,10 \$ (263,072,10) \$ 9,106,952,11 \$ 9,106,952,11	(388,309,79)	5 9,611,690.21 \$	(146,400.92) \$	(358,337.18) \$	263,072.10 S	(263,072.10) \$	9,106,952.11	\$ 9,106,952.11

\*\* Management fees recorded in Q2 2016 reflect any changes that may have occurred in your account from inception to 67002016. These changes are a result of the electrics that were made earlier this year.

		6/30/2016
Fund Fair Value	S	110,508,596
Investor Ownership %		8,999%
Investor Fair Value	S	9,930,574,30
	l	

ACCOUNT NUMBER	DEBIT	CREDIT
1040 - Cash		\$10,000,000.00
1194 - Pooled RE Fund	\$9,611,690.21	
4701 - Equalization Expense	\$388,309.79	

# EXHIBIT A

CAPITAL COMMITMENT: \$10	0,000,000.00	
INDIVIDUAL INVESTORS		
Date of Birth:		
Social Security Number:		
<ul> <li>ENTITY INVESTORS</li> </ul>		
Address of Investor for Fund Records:		
U.S. Tax Identification Number:		
Approximate number of beneficial or equity	y owners:	
Type of Legal Entity:GOVERNMENT P	ENSION PLAN	
Date of Formation:		
Jurisdiction of Formation: MASSACHUSE	TTS	
Name and Title of Authorized Person Comp	pleting the Questionnaire:	
PRIMARY CONTACT		
	Attention:	
Mailing Address:		
Mailing Address:	Telephone:	
Mailing Address:	Telephone:Facsimile:	

INVESTOR PROFILE

### **GENERAL LEDGER ACCOUNTS**

### **Existing accounts:**

■ #5304: Investment Management Fees only

■ **#5305**: Custodial Fees

■ #5307: Investment Consultant/OCIO Fees

### New investment related accounts: These accounts will close to #4820

■ #4701: Carried Interest Expense - Carried interest or incentive fees charged against the LP.

**#4702:** Equalization Expense – also called true-ups. The payment by new investors to earlier investors to compensate them for having their equity tied up for longer.

■ #4703: Miscellaneous Investment Expenses – sometimes listed as Professional Fees and Other

Expenses. All other expenses charged against the market value of the fund that do not fit

into Management Fees, Carried Interest or Equalization Expense.

**New Expense Account:** This account will close to #3298

**#5120: Benefits** – Employer share of fringe benefits

NOTES:	