ANNUAL STATEMENT FOR THE YEAR ENDED DECEMBER 31, 2017 OF THE CONDITIONS AND AFFAIRS OF MEDFORD RETIREMENT SYSTEM

Organized under the Laws of the Commonwealth of Massachusetts to the PUBLIC EMPLOYEE RETIREMENT ADMINISTRATION COMMISSION

Date of Certificate: 07/01/1946

Effective Date: 07/01/1946

Administration Office

Medford City Hall Room 215

Medford, MA 02155

Telephone Number (781) 393-2521

We, the undersigned, members of the Board of Retirement of MEDFORD RETIREMENT SYSTEM certify under the penalties of perjury, that we are the official board members of said retirement system, and that assets were the absolute property of said retirement systems, free and clear from any liens or claims thereon, except as stated, and the following statements, with the schedules and explanations therein contained, annexed, or referred to, are a full and correct exhibit of all the assets, liabilities, income and disbursements, changes in fund balances and of the conditions and affairs of the said retirement system on the said thirty-first day of December last, and for the year ended on that date, according to the best of our information, knowledge and belief, respectively.

BOARD OF RETIREMENT	Ex-Officio Member	MAPR.
Please Identify the	ALEESHA NUNLEY-BENJAMIN	(In My
Name of the Board Member who serves	Appointed Member	Verm Expires 01/23/1021
as Chairperson by Inserting the title	ROBERT MAIOCCO	(Jale (signatura)
next to his/her name.	Elected Member	Term Expires 07/01/2020
	PATRICK RIPLEY	Stu J. M.
	Elected Member	Term Expires 12/19/2020
	RICK JORDAN *	/// (signature)
	Member Appointed by Other Members	Term Expires 01/27/2021
	JAMES VIEIRA	(\$6003040)
INVESTMENT MANAGERS	SEE ATTACHED LIST	
Please compile/submit	Name	Address
a complete list. Attach the list to this page.	Name	Address
	Name	Address
INVESTMENT CONSULTANT	NEW ENGLAND PENSION	ONE MAIN STREET, CAMBRIDGE, MA 02142
	donsultants	Address
CUSTODIAN	PEOPLE'S UNITED BANK	PUBLIC FUND SERVICES, P.O. BOX 1992, BOSTON.
	Name	Address

HEADCOUNT STATISTICS	Group 1	Group 2+4	Total
ACTIVE MEMBERS			
Active membership,Dec 31,previous yr	536	228	764
Inactive membership,Dec 31,previous yr	150	5	155
Enrolled during the year	84	1	85
Transfers between groups	0	0	0
Reinstatements of disabled members	0	0	0
Subtotal:	770	234	1004
Deduct			
Death	1	0	1
Withdrawn	32	0	32
Retirements	32	15	47
Subtotal:	65	15	80
			-
Active Membership, Dec 31, current year	562	214	776
Inactive Membership,Dec 31,Current Yr	143	5	148
RETIRED MEMBERS, BENEFICIARIES AND SURVIVORS		*******	~ ^ * ^ * * * * * * * *
Retired, Beneficiary and Survivor			
Membership, Dec. 31, previous Year	334	218	552
Retirements during the year:			
Superannuation	25	8	33
Ordinary disability	1	0	1
Accidental disability	0	6	6
Termination Retirement Allowance	0	0	0
Beneficiary of Deceased Retiree	0	0	. 0
Survivor ben from active membership	5	1	, 6
Subtotal:	31	15	46
Deduct			
Deaths of retired members	27	5	32
Termination of Survivor Benefits	0	0	. 0
Reinstatements of disabled pensions	. 0	0	0
Subtotal:	27	5	32
Retired Membership, Dec.31, curr year			
Superannuation	301	99	400
Ordinary Disability	5	5	10
Accidental Disability	29	79	108
Termination	0	0	0
Beneficiaries from accidental deaths	2	27	29
Beneficiaries from Section 100	0	0	0
Beneficiaries from Section 101	5	7	12
Beneficiaries under Option (c)	37	14	51
Option (d) Survivor Allowance	. 10	2	12
Section 12B Survivor Allowance	3	5 -	8
Total Retired, Beneficiary, and Survivor Membership, Dec 31, current year	392	238	630
rotar rotared, potrollotary, and outered monitoriality, people, cultion, year			
TOTAL MEMBERSHIP			
Active, Inact, Retired, Beneficiary, and Survivor, Dec. 31, current year	1097	457	1554

Annual Statement of the MEDFORD RETIREMENT SYSTEM for the year ended December 31,2017 ANNUAL STATEMENT BALANCE TESTS

1.	ASSET BALANCE Assets Previous Year Income Current Year Disbursements Current Year Assets Current Year	175,940,177.69 39,157,203.62 21,235,897.46 193,861,483.85
2.	ASSET DIFFERENCE	
	Assets Current Year	193,861,483.85
	Assets Previous Year	175,940,177.69
	Difference	17,921,306.16
3.	INCOME DIFFERENCE	
	Income Current Year	39,157,203.62
	Disbursements Current Year	21,235,897.46
	Difference	17,921,306.16
4.	FUND CHANGE DIFFERENCE - Add interfund tra	ansfer credits and debits respectively to Income and Disbursement activities.
	Total Fund Change Credits Current Year	47,724,753.31
	Total Fund Chage Debits Current Year	29,803,447.15
	Difference	17,921,306.16

NOTE: THE SUMS OF TESTS 2,3, AND 4 SHOULD BE THE SAME.

Assets and Liabilities

	2017 End Balance	2016 End Balance	2015 End Balance
1040 - 1049 Cash	3,656,452.60	3,472,522.43	10,346,267.20
1100 - Short Term Investments	0.00	0.00	0.00
1180 - Fixed Income Sec (book value)	19,176,822.55	20,178,527.11	17,832,973.98
1101 - Pooled Short Term Funds	0.00	0.00	0.00
1170 - Equities	3,179.88	6,341.30	5,626.82
1172 - Pooled Domestic Equity Funds	42,667,458.01	30,668,340.71	25,185,204.89
1173 - Pooled International Equity Funds	32,521,663.84	25,186,241.80	24,726,150.34
1174 - Pooled Global Equity Funds	10,602,937.90	0.00	0.00
1181 - Pooled Domestic Fixed Income Funds	20,409,171.52	17,827,954.90	14,349,550.51
1182 - Pooled International Fixed Income Funds	0.00	0.00	0.00
1183 - Pooled Global Fixed Income Funds	0.00	0.00	0.00
1193 - Pooled Alternative Investments	12,383,482.61	11,273,903.19	10,610,235.81
1194 - Pooled Real Estate Funds	13,580,983.65	12,525,163.37	10,288,372.56
1195 - Pooled Domestic Balanced Funds	0.00	0.00	0.00
1196 - Pooled International Balanced Funds	15,178,145.74	31,999,842.85	36,470,658.08
1197 - Hedge Funds	25,438,276.40	26,808,174.33	24,348,317.96
1198 - PRIT Cash	0.00	0.00	0.00
1199 - PRIT Fund	0.00	0.00	0.00
1350 - Prepaid Expenses	0.00	0.00	0.00
1398 - Accounts Receivable (A)	156,753.78	414,105.24	424,846.77
1550 - Interest Due & Accrued Fixed Inc Sec Cur Yr	92,805.93	102,836.58	97,307.84
2020 - Accounts Payable (A)	-2,006,650.56	-4,523,776.12	-4,275,511.45
Total	193,861,483.85	175,940,177.69	170,410,001.31
Funds:			
3293 - Annuity Savings Fund	47,770,902.01	47,978,609.48	46,623,022.44
3294 - Annuity Reserve Fund	14,247,136.46	12,121,783.31	11,490,310.45
3295 - Special Military Service Cr Fnd	4,850.27	4,842.78	4,835.30
3296 - Pension Fund	2,275,409.06	3,051,230.95	3,348,600.98
3298 - Expense Fund	0.00	0.00	0.00
3297 - Pension Reserve Fund	129,563,186.05	112,783,711.17	108,943,232.14
Total Assets at Market Value	193,861,483.85	175,940,177.69	170,410,001.31

⁽A) Detail for Accounts Receivable and Accounts Payable are to be placed on Schedule A

	Balance December 31	•	Interfund		Balance December 31
	2016	Receipts	Transfers	<u>Disbursements</u>	2017
Annuity Savings Fund	47,978,609.48	4,622,359.66	-4,565,395.92	264,671.21	47,770,902.01
Annuity Reserve Fund	12,121,783.31	376,856.41	4,554,000.69	2,805,503.95	14,247,136.46
Special Military Service Cr Fnd	4,842.78	7.49	0.00	0.00	4,850.27
Pension Fund	3,051,230.95	11,555,865.54	4,013,549.00	16,345,236.43	3 2,275,409.06
Expense Fund	0.00	1,820,485.87	0.00	1,820,485.87	7 0.00
Pension Reserve Fund	112,783,711.17	20,781,628.65	-4,002,153.77	0.00	129,563,186.05
TOTAL ALL FUNDS:	175,940,177.69	39,157,203.62	0.00	21,235,897.46	193,861,483.85

List Below all Transfers:

Transfer from 3293	Fund to the 3294	Fund in the Amount of	4,554,000.69	on account of	RETIREES 2017
Transfer from 3293	Fund to the 3297	Fund in the Amount of	11.41	on account of	J. FAZIO - PR YR INT NOT
Transfer from 3293	Fund to the 3297	Fund in the Amount of	11.84	on account of	M. JAMES - PR YR INT ADJ
Transfer from 3293	Fund to the 3297	Fund in the Amount of	12.30	on account of	W. LAWLOR - PR YR INT ADJ
Transfer from 3293	Fund to the 3297	Fund in the Amount of	720.88	on account of	E.DASILVA - 10 YR INACTIVE
Transfer from 3293	Fund to the 3297	Fund in the Amount of	2,134.45	on account of	E. SOARES - 10 YR INACTIVE
Transfer from 3293	Fund to the 3297	Fund in the Amount of	4,115.18	on account of	M. CHIANG - 10 YR INACTIVE
Transfer from 3293	Fund to the 3297	Fund in the Amount of	2,676.00	on account of	G. STODDARD - 10 YR
Transfer from 3293	Fund to the 3297	Fund in the Amount of	616.15	on account of	L. DELANEY - 10 YR INACTIVE
Transfer from 3293	Fund to the 3297	Fund in the Amount of	984.48	on account of	E, LYTLE - 10 YR INACTIVE
Transfer from 3293	Fund to the 3297	Fund in the Amount of	112.54	on account of	R. LAVALLE - 10 YR INACTIVE
Transfer from 3297	Fund to the 3296	Fund in the Amount of	4,013,549.00	on account of	FY19 APPROPRIATION TRF TO
Transfer from	Fund to the	Fund in the Amount of		on account of	
Transfer from	Fund to the	Fund in the Amount of		on account of	
Transfer from	Fund to the	Fund in the Amount of		on account of	
Transfer from	Fund to the	Fund in the Amount of		on account of	

RECEIPTS

'	2017	2016	2015
1. Annuity Savings Fund :			
(a) 4891 - Members Deductions	3,904,282.14	3,882,849.94	3,656,502.54
(b) 4892 - Transfers From Other	616,726.53	733,237.06	93,962.52
(c) 4893 - Make Up and Redeposit Payments	56,024.84	45,196.87	66,491.21
(d) 4900 - Member Payments from Rollovers	0.00	0.00	0.00
(e) Investment Income Cr to Members A/C	45,326.15	51,980.00	51,121.42
Subtotal	4,622,359.66	4,713,263.87	3,868,077.69
2. Annuity Reserve Fund :			
(a) 4750 - Recovery of Annuity from Reinstatement	0.00	0.00	0.00
(b) Investment Income Cr to Annuity Res Fd	376,856.41	356,451.80	347,664.41
Subtotal	376,856.41	356,451.80	347,664.41
3. Pension Fund :			
(a) 4898 - 3(8) (c) Reimburse from Other Sys	205,667.59	155,913.23	150,188.81
(b) 4899 - Rec'd from State for COLA & Surviv	175,414.47	318,454.64	25,571.26
(c) 4894 - Pension Fund Appropriation	11,174,783.48	11,000,011.83	10,500,017.82
(d) 4840 - Workers' Compensation Settlements	0.00	5,000.00	11,600.00
(e) 4751 - Recovery of Pension from Reinstatement	0.00	0.00	0.00
(f) 4841 - Recovery of 91A Overearnings	0.00	0.00	0.00
Subtotal	11,555,865.54	11,479,379.70	10,687,377.89
4. Military Service Fund :			
(a) 4880 - Contributions Rec (for Military Serv)	0.00	0.00	0.00
(a) 4890 - Contributions Rec (for Military Serv)	0.00	0.00	0.00
(b) Invest Income Credited	7.49	7.48	11.83
Subtotal	7.49	7.48	11.83
5. Expense Fund :			
(a) 4896 - Expense Fund Appropriation	0.00	0.00	0.00
(b) Investment Income Cr to Expense Fund	1,820,485.87	1,238,517.94	1,264,805.08
Subtotal	1,820,485.87	1,238,517.94	1,264,805.08
6. Pension Reserve Fund :			
(a) 4897 - Federal Grant Reimbursement	17,265.60	39,284.47	21,022.81
(b) 4895 - Pension Reserve Appropriation	0.00	0.00	0.00
(c) 4822 - Interest not Refunded:	0.00	0.00	0.00
(d) 4825 - Misc. Income	0.00	27.03	415.29
(e) Excess Investment Income	20,764,363.05	7,477,974.71	-190,059.40
Subtotal	20,781,628.65	7,517,286.21	-168,621.30
TOTAL RECEIPTS	39,157,203.62	25,304,907.00	15,999,315.60

Disbursements

		2017	2016	2015
1. Annuity Savings Fund :				
(a) 5757 - Refunds To Members		97,454.35	221,512.22	207,346.52
(b) 5756 - Transfers To Other Systems	s :	167,216.86	261,720.41	281,843.68
	Subtotal	264,671.21	483,232.63	489,190.20
2. Annuity Reserve Fund :				
(a) 5750 - Annuities Paid		2,805,503.95	2,535,518.14	2,358,461.00
(b) 5759 - Option B Refunds		0.00	64,564.18	249,604.47
	Subtotal	2,805,503.95	2,600,082.32	2,608,065.47
3. Pension Fund :				
(a) 5751 - Pensions Paid		0.00	0.00	0.00
Regular Pension Payments		9,146,891.43	8,745,514.54	8,171,015.15
Survivorship Payments		901,437.57	887,371.52	845,832.73
Ordinary Disability Payments		240,347.92	204,123.72	186,866.37
Accidental Disability Payments		4,257,255.18	3,925,381.23	3,966,091.05
Accidental Death Payments		961,607.95	1,037,921.72	1,004,990.73
Section 101 Benefits		147,467.22	153,758.02	157,357.37
(b) 5755 - 3 (8) (c) Reimb To Other Sy	'S	576,902.19	385,300.70	467,987.83
(c) 5752 - COLA's Paid		113,326.97	113,526.28	112,544.59
(d) 5753 - Chapter 389 Ben Increase F	Pd	0.00	0.00	0.00
	Subtotal	16,345,236.43	15,452,897.73	14,912,685.82
4. Military Service Fund :		0.00	. 0.00	0.00
(a) 4890 - Return to Municipality for Me	mbers wno	0.00	0.00	0.00
withdrew their fund				
e Pomonos Pomoto	Subtotal	0.00	0.00	0.00
5. Expense Fund :		24,825.00	25,075.00	20,700.00
(a) 5118 Board Member Stipend		183,784.02	192,236.15	164,804.76
(b) 5119 - Salaries (c) 5304 - Management Fees		1,343,890.76	784,634.79	881,975.02
(d) 5305 - Custodial Fees		85,858.46	75,631.58	59,050.35
(e) 5307 - Investment Consultant Fees		69,537.04	68,106.80	67,633.36
(f) 5308 - Legal Expenses	•	31,639.80	12.283.00	11,074.00
		0.00	0.00	0.00
(g) 5309 - Medical Expenses		12,291.00	12,119.00	11,761.00
(h) 5310 - Fiduciary Insurance		0.00	0.00	0.00
(i) 5311- Service Contracts		0.00	0.00	0.00
(j) 5312 - Rent Expense		0.00	0.00	0.00
(k) 5315 - Professional Services		1,000.00	10,750.00	625.00
(I) 5316 - Actuarial Services		15,000.00	7,500.00	0.00
(m) 5317 - Accounting Services		·	10,469.80	7,674.76
(n) 5320 - Education and Training		8,691.49	39,711.82	39,506.83
(o) 5589 - Administrative Expenses		43,450.91	0.00	0.00
(p) 5599 - Furniture and Equipment		0.00	0.00	0.00
(q) 5719 - Travel	.~	517.39 0.00	0.00	0.00
(r) 5829 - Depreciation expense: Buildir				
Total Diahuwaamanta	Subtotal	1,820,485.87	1,238,517.94 1 <u>9,774,730.62</u>	1,264,805.08 19,274,746.57
Total Disbursements:		21,235,897.46	10,114,130.02	10,414,140.01

Investment Income	2017 End Balance	2016 End Balance	2015
Investment Income Received From :			
(a) Cash (from schedules 1)	47,321.02	27,491.64	7,150.33
(b) Short Term Investments (sch 2)	0.00	0.00	0.00
(c) Fixed Inc Sec (from sch 3A and 3C)	644,949.44	619,803.60	592,503.99
(d) Equities (from sch 4A and 4C)	297.12	5,894.32	9,255.71
(e) Pooled Funds (from Schedule 5)	2,844,036.29	2,943,142.96	3,279,369.82
(f) Commission Recapture	0.00	0.00	0.00
4821 - TOTAL INVESTMENT INCOME	3,536,603.87	3,596,332.52	3,888,279.85
Plus:			
4884 - Realized Gains	8,254,698.09	4,246,508.64	6,758,510.76
4886 - Unrealized Gains	19,271,457.34	15,205,543.61	16,862,478.03
1550 - Interest Due & Accrued Fixed Inc Sec Cur Yr	92,805.93	102,836.58	97,307.84
	27,618,961.36	19,554,888.83	23,718,296.63
Less:	-129,304.31	-138,795.30	-115,552.25
4823 - Pd Accrued Int - Fixed Inc Securities	·	·	,
4885 - Realized Losses	-466,793.59	-397,072.65	-310,121.97
4887 - Unrealized Losses	-7,449,591.78	-13,393,113.63	-25,640,479.32
1550 - Inc Due & Accrued Prior Year	-102,836.58	-97,307.84	-66,879.60
	-8,148,526.26	-14,026,289.42 	-26,133,033.14
NET INVESTMENT INCOME	23,007,038.97	9,124,931.93	1,473,543.34
Income Required :		•	
Annuity Savings Fund (Supp Schedule)	45,326.15	51,980.00	51,121. 42
Annuity Reserve Fund	376,856.41	356,451.80	347,664.41
Expense Fund	1,820,485.87	1,238,517.94	1,264,805.08
Special Military Service Cr Fnd	7.49	7.48	11.83
	2,242,675.92	1,646,957.22	1,663,602.74
TOTAL INCOME REQUIRED	2,242,675.92	1,646,957.22	1,663,602.74
Net Investment Income	23,007,038.97	9,124,931.93	1,473,543.34
Less: Income Required	-2,242,675.92	-1,646,957.22	-1,663,602.74
EXCESS INCOME TO THE PENSION RESERVE FUND	20,764,363.05	7,477,974.71	-190,059.40

Schedule A

Detail of Accounts Receivable and Accounts Payable

Detail of Accounts Receivable and Accounts Payable			
Accounts Receivable			
4891 - Members Deductions - Dec 2017	71,286.82		
4892 -	0.00		
4893 - Member Make Up Payments and Redeposits	621.00		
4900 - Member Payments from Rollovers	0.00		
4898 - 3-(8)(c) Reimbursements From Other Systems	0.00		
4899 - Received from Commonwealth for COLA and Survivor Bene	84,496.11		
4884 - Profit on Sale of Investments	0.00		
4894 - Pension Fund Appropriation - City	0.00		
4894 - Pension Fund Appropriation - SHA	0.00		
4880 - REFUND OF OVERPAYMENT - BOBACK (VENUTI)	349.85		
4897 - Federal Grant Reimbursement	0.00		
4895 - Pension Reserve Appropriation	0.00		
Investments Sold but funds not received (list individually)			
4901 - See Attached List	0.00		
4902 -	0.00		
4903 -	0.00		
4904 -	0.00		
4905 -	0.00		
Total Receivables	156,753.78		
Accounts Payable	2.22		
5757 - Refunds to Members	0.00		
5756 - Transfers to Other Systems	0.00		
5750 - Annuities Paid	0.00		
5759 - Option B Refunds	0.00		
5751 - Pensions Paid	0.00		
5755 - 3(8)(c) Reimbursements To Other Systems	0.00 0.00		
5752 - COLA's Paid	0.00		
5753 - Chapter 389 Beneficiary Increase Paid	0.00		
4885 - Loss on Sale of Investments	0.00		
4890 - Return to Municipality For Members who withdrew funds	0.00		
5118 - Board Member Stipend	2,637.41		
5119 - Salaries	•		
5304 - Management Fees	38,699.46 8,016.97		
5305 - Custodial Fees	0.00		
5307 - Consultant Fees	0.00		
5308 - Legal Expenses	0.00		
5309 - Medical Expenses	0.00		
5310 - Fiduciary Insurance	0.00		
5311 - Service Contracts	0.00		
5312 - Rent Expense	0.00		
5315 - Professional Services	0.00		
5320 - Education and Training	0.00		
5589 - Administrative Expenses	0.00		
5599 - Furniture and Equipment	0.00		
5719 - Travel Expense	0.00		
5820 - Depreciation Expense Building Investments Purchased but not paid for (list individually)	\$1.00		
	1,957,296.72		
5901 - See Attached List	0.00		
5902 -	0.00		
5903 -	0.00		
5904 -	2,006,650.56		
Total Payables	2,000,000.00		

Annual Statement of the MEDFORD RETIREMENT SYSTEM for the year ended December 31, 2017 Interest Posted to the Annuity Reserve Fund

- m	- .	Balance
Credits	Balance	X .0025
*******	12121783.31	30304.46
-216296.27	11905487.04	29763.72
595478.84	12500965.88	31252.41
-225392.56	12275573.32	30688.93
-228228.49	12047344.83	30118.36
-229212.93	11818131.90	29545.33
-227876.65	11590255.25	28975.64
1583594.06	13173849.31	32934.62
-252900.35	12920948.96	32302.37
-277021.62	12643927.34	31609.82
1020909.18	13664836.52	34162.09
414627.57	14079464.09	35198.66
	-216296.27 595478.84 -225392.56 -228228.49 -229212.93 -227876.65 1583594.06 -252900.35 -277021.62 1020909.18	

376856.41

TRDPUZ PUZF64624302 MONTHLY FINAL

234933

PUZ F646243 MEDFORD RETIREMENT SYSTEM PUB MEDFORD RET SYS COLUMBIA

sales pending settlement 31 december 2017

SECURITY DESCRIPTION/ TRADING BROKER

SHARES-PAR VALUE/ (ORIGINAL SHARES)/ PRICE

TRD DATE/ SET DATE

SETTLEMENT AMOUNT

2017-12-31 CYCLE A 23:49:33 RUN DATE: 23-JAN-18 PAGE: 1 MT5261

S INDICATES PARTIAL SETTLEMENT

NO POSITIONS END OF PERIOD



TRDPUZ PUZF64624302 MONTHLY FII

ONTHLY FINAL 234933

PURCHASES PENDING SETTLEMENT 31 DECEMBER 2017

2017-12-31 CYCLE A 23:49:33 RUN DATE: 23-JAN-18

PUZ F646243 MEDFORD RETIREMENT SYSTEM PUB MEDFORD RET SYS COLUMBIA SECURITY DESCRIPTION/ TRD DATE/ (ORIGINAL SHARES)/
TRADING BROKER SET DATE PRICE

SETTLEMENT

S INDICATES PARTIAL SETTLEMENT

58,661,17-

119,837,50-

120,000.0000 99.781250

05-DEC-17 11-JAN-18 751,564.09-

719,000.0000 104.417969

05-DEC-17 11-JAN-18 154,911.87

155,000,0000 99.832032

12-DEC-17 17-JAN-18

DOLLAR
S

U.S. TREASURY BOND. 29-DEC-17 58,000.0000 2.750% 08/15/2047 DD 08/15/17 02-JAN-18 100.093758 J.P. MORGAN SECURITIES L

2.750% 08/19/2047 DD 08/19/17 J.P. MORGAN SECURITIES L COMMIT TO PUR FNMA SF MTG 3.000% 01/01/2048 DD 01/01/18 MORGAN STANLEY & CO INC,

1.000% 01/01/2048 DD 01/01/18
MORGAN STANLEY & CO INC,
DAMMIT TO PUR FNMA SF MTG

COMMIT TO PUR FNMA SF MTG
4.000% 01/01/2048 DD 01/01/18
GOLDMAN SACHS & CO, NY
COMMIT TO PUR FNMA SF MTG
2.500% 01/01/2033 DD 01/01/18

COMMIT TO PUR FINMA SF MTG
2,500% 01/01/2033 DD 01/01/18
J.P. MORGAN SECURITIES L
COMMIT TO PUR FINMA SF MTG

COMMIT TO PUR FNMA SF MTG 3.000% 01/01/2033 DD 01/01/18 WELLS FARGO SECURITIES,

COMMIT TO PUR FNMA SF MTG 3.500% 01/01/2033 DD 01/01/18 WELLS FARGO SECURITIES,

COMMIT TO PUR GNMA 11 JUMBOS 3.500% 01/20/2048 DD 01/01/18 CITIGROUP GBL MKTS/SALOM TOTAL PURCHASES PENDING SETTLEMENT

A 11 JUMBOS 14-DEC-17 8 DD 01/01/18 22-JAN-18 KTS/SALOM

487,776.77-

470,000.0000 103.578125

149,989.04-

145,000.0000 103.285158

> 12-DEC-17 17-JAN-18

234,556.28-

230,000.0000 101.847656

12-DEC-17 17-JAN-18 1,957,296.72-

	Address	City	State	Z ip
iis Sayles	One Financial Center	Boston	MA	02111
of New York Mellon	P.O. Box 371076	Pittsburgh	PA	15251-7076
ion Reserves Investment Management Board	84 State Street Suite 250	Boston	MA	02109
	30 Rowes Wharf Suite 420	Boston	MA	02110-3326
Bonds	100 State Street	Boston	MA	02109
nbia	225 Franklin St	Boston	MA	02110
ern Asset	385 East Colorado Boulevard	Pasadena	CA	91101
rd	P.O. Box 8514	Boston	MA	02266-8514
m Blair	P.O. Box 8506	Boston	MA	02266-8506
lard Life	One Beacon St.	Boston	MA	02108
	1125 Airport Road	Coatesville	PA	19320
T London	1125 Airport Road	Coalesville	FA	19320
lard Life	One Beacon St.	Boston	MA	

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