Agenda Item: F3

Joint Meeting of the Retirement Boards
Meeting Date: January 24, 2018

City of Fresno Retirement Systems
Fixed Income Analysis for the month of November 2017

Description	Barclays Capital Agg. Index	Prudential Enhanced Index	Dodge & Cox	Barclays Capital High Yield Corp. Index	Loomis Sayles
Portfolio Account		26-22511	26-22510		CFR04
	Nov 30 data	Nov 30 data	Nov 30 data	Nov 30 data	Nov 30 data
Market Value of Portfolio		143,232,660	250,720,433		156,409,138
Monthly return	(0.13)	(0.13)	(0.07)	(0.26)	0.40
Quarterly return	(0.55)	(0.52)	0.01	1.07	1.17
Rolling one year return	3.21	3.32	4.72	9.16	9.93
Rolling two year return	2.69	2.82	4.45	10.62	9.88
Rolling three year return	2.11	2.32	3.34	5.73	5.76
Rolling five year return	1.98	2.14	3.51	6.04	6.65
1 Yr Variance	-	0.11	1.51	-	0.77
2 Yr Variance	-	0.13	1.76	-	(0.74)
3 Yr Variance	-	0.21	1.23	-	0.03
5 Yr Variance	-	0.16	1.53	-	0.61
	Nov 30 data	Nov 30 data	Nov 30 data	Nov 30 data	Nov 30 data
Credit Quality	AA	AA-	A+	B	BB-
Modified Duration	6.00	5.86	4.91	3.84	4.57
Average Yield	2.71	2.72	3.02	5.68	5.70
Duration Weighted Yield					
Average coupon	3.06	3.15	4.43	6.41	5.71
Average life		8.11			
Average Maturity	8.29		8.03	6.26	6.38
Number of holdings	9,706	677	238	2,054	404
Average holding size		211,570	1,053,447		387,151
Pct BBB	13.51	15.19	31.76	0.06	11.64
Pct BB	-	-	5.15	36.86	40.26
Pct B	-	-	0.66	45.82	28.46
Pct CCC or lower	-	-	-	17.26	13.40
	Nov 30 data	Nov 30 data	Nov 30 data	Nov 30 data	Nov 30 data
Sector Allocations	Port %	Port %	Port %	Port %	Port %
U.S. Government/Credit	**69.54**	**65.50**	**53.99**	**100.00**	**82.90**
U.S. Government	**38.68**	**35.90**	**16.90**	**-**	**3.86**
Agency	1.80	1.98	0.59	-	0.91
Treasury	36.88	33.92	16.31	-	2.95
U.S. Credit	**30.86**	**29.60**	**37.09**	**100.00**	**79.04**
Corporate	25.71	29.60	37.09	100.00	79.04
Industrial	15.81			87.98	
Utility	1.79			2.82	
Financial Institutions	8.15			9.20	
Non-Corporate	5.11	-	-	-	-
Asset Backed Securities	0.52	0.35	2.19	-	0.77
Cash/ Short-Term Bonds	-	1.35	3.84	-	4.37
Inflation Linked Bonds	-	-	-	-	-
Collateralized MBS	1.84	4.44	-	-	0.62
Collateralized Mortgage Obligations	-	-	0.29	-	**0.92**
Municipal/ Provincial	-	1.09	4.23	-	**0.72**
Fixed Derivatives	-	-	-	-	-
Other Fixed Income	-	-	-	-	**8.86**
Foreign Exchange	-	-	-	-	**(0.03)**
Equities	-	-	0.98	-	**0.87**
MBS Fixed Rate	**28.04**	**27.27**	**34.48**		-
GNMA	8.19	7.52	1.53	-	-
FHLMC	7.74	7.50	18.69	-	-
FNMA	12.11	12.25	14.26	-	-
Hybrid Arm**	-	-	-	-	-
Covered Bonds	**0.06**			-	
Total	100.00	100.00	100.00	100.00	100.00
Other					
Foreign	-	4.74	13.41	48.70	23.03
Emerging Market	1.90	1.05	3.74	0.87	12.73
Non US D issues	-	-	-	-	4.61
Yankee	-	4.74	13.41	48.70	23.03

*Overweight in structured securities where legal final maturity is beyond that of effective maturity.

**Barclays' no longer publishes an allocation for "Yankee Bonds". They have a new category called "Hybrid Arm"