

Honorable Mayor and Members  
Of City Council  
City Hall  
Torrance, California

Members of Council:

**SUBJECT: City Treasurer - Accept and File Investment Report for November 2016**

**RECOMMENDATION**

Recommendation of the City Treasurer that City Council accept and file the monthly investment report for the month of November 2016.

**EXPENDITURE**

None

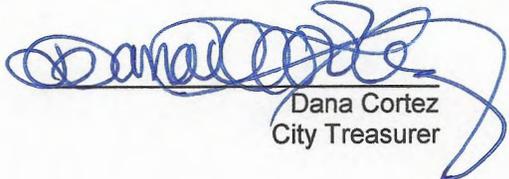
**BACKGROUND**

On December 6, 2016, Your Honorable Body, through passage of Resolution 2016-92, adopted an official "Statement of Investment Policy" as recommended by the City Treasurer. The City's Statement of Investment Policy requires the City Treasurer to report a monthly statement of investment activity. This requirement was providing the attached report.

**Investment Committee Note**

The Investment Committee, made up of the City Manager, City Attorney, Finance Director, City Treasurer, and Deputy City Treasurer as created by your Honorable Body, has reviewed the attached report.

Respectfully submitted,



Dana Cortez  
City Treasurer

Noted:

LeRoy J. Jackson  
City Manager



City of Torrance, California  
Monthly Investment Portfolio Report  
November 30, 2016

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**Investment Report  
November 2016**

**Portfolio Highlights**

<b>RETURN</b>	<b>Current Month</b>	<b>Prior Month</b>
Effective Rate of Return	1.160%	1.140%
City Portfolio YTM	1.189%	1.233%
U.S. Treasury Constant Maturity (2 year)	1.110%	0.860%
LAI Monthly Return	0.678%	0.654%
City Portfolio YTM (Prior Year)	1.139%	1.119%
	<b>Year to Date</b>	<b>Prior Year to Date</b>
Effective Rate of Return	1.140%	1.040%
<b>INTEREST INCOME</b>	<b>Current Period</b>	<b>Prior Month</b>
Fiscal Year to Date	\$735,043.09	\$592,371.44
Current Month	\$142,058.00	\$144,976.35
<b>MATURITY</b>	<b>Current Month</b>	<b>Prior Month</b>
Days to Maturity	587	666
Days to Maturity (Prior Year)	743	735
Average Maturity (Years)	1.61	1.82
<b>VOLUMES</b>	<b>Total Volume (\$)</b>	<b># of Transactions</b>
Purchases/Deposits	\$14,410,686	1
Maturities/Redemptions	\$910,686	1

**Portfolio Activity Summary**

Month End	Year	# of Securities	Average Balance	Yield to Maturity		Managed Pool Rate	# of Investments Purchased	# of Investments Redeemed	Average Term	Average Days to Maturity
				360 (%)	365 (%)					
November	2015	121	163,637,277.63	1.124	1.139	0.374	1	2	1,342	743
December	2015	122	165,084,605.49	1.089	1.104	0.400	2	1	1,267	677
January	2016	121	171,098,690.47	1.062	1.076	0.446	0	1	1,198	616
February	2016	121	180,620,118.88	1.064	1.079	0.467	0	0	1,194	591
March	2016	122	180,322,354.96	1.080	1.096	0.506	4	3	1,205	580
April	2016	122	182,811,038.18	1.039	1.053	0.525	2	2	1,123	537
May	2016	121	190,785,072.44	1.028	1.042	0.552	2	3	1,074	501
June	2016	124	190,312,515.23	1.198	1.214	0.576	7	4	1,427	668
July	2016	119	161,093,481.84	1.194	1.211	0.588	1	5	1,283	624
August	2016	121	155,395,731.72	1.202	1.219	0.614	3	1	1,308	639
September	2016	124	153,637,967.22	1.238	1.255	0.634	7	4	1,376	660
October	2016	118	147,869,158.44	1.216	1.233	0.654	1	7	1,379	666
November	2016	118	148,960,902.79	1.172	1.189	0.678	1	1	1,260	587
<b>Average:</b>		<b>121</b>	<b>168,535,092.01</b>	<b>1.131</b>	<b>1.147</b>	<b>0.540</b>	<b>2</b>	<b>3</b>	<b>1,264</b>	<b>622</b>

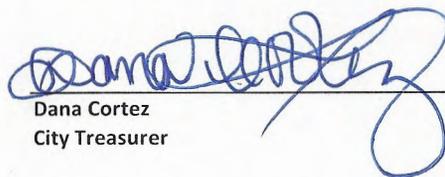
**Investment Report  
November 2016**

**Portfolio Summary**

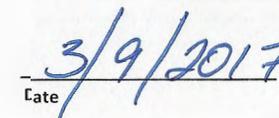
	Book Value (\$)	BV % of Portfolio	Market Value (\$)	MV % of Portfolio	S&P Rating	% per Policy	Modified Duration	Days to Maturity	Maximum Term	YTM
Local Agency Investment Fund (LAIF)	\$30,500,000	19.65%	\$30,500,000	19.68%		\$65Mil	0.000	1	N/A	0.678%
Union Bank Custodial - Money Market Account	\$0	0.00%	\$0	0.00%		100%	0.000	1	N/A	0.010%
<b>U.S. Treasury Securities</b>	<b>\$4,990,733</b>	<b>3.22%</b>	<b>\$5,020,640</b>	<b>3.25%</b>	<b>AA+</b>	<b>100%</b>	<b>1.685</b>	<b>625</b>	<b>5 Year</b>	<b>1.419%</b>
<b>Federal Agency Issues</b>	<b>\$84,501,759</b>	<b>54.45%</b>	<b>\$84,191,632</b>	<b>54.27%</b>	<b>AA+</b>	<b>75%</b>	<b>1.820</b>	<b>686</b>	<b>5 Year</b>	<b>1.164%</b>
Farmer Mac	8,999,995	5.80%	8,943,950	5.77%		30%	1.955	730	5 Year	1.114%
Federal Farm Credit Bank	15,001,214	9.67%	15,004,810	9.68%		30%	1.219	453	5 Year	1.173%
Federal Home Loan Bank	17,986,122	11.59%	17,894,820	11.54%		30%	2.519	949	5 Year	1.364%
Federal Home Loan Mortgage Corporation	23,023,535	14.83%	22,971,400	14.79%		30%	1.475	585	5 Year	1.041%
Federal National Mortgage Association	19,490,893	12.56%	19,376,652	12.50%		30%	1.981	742	5 Year	1.140%
<b>Negotiable Certificates of Deposit</b>	<b>\$12,126,814</b>	<b>7.81%</b>	<b>\$12,270,412</b>	<b>7.92%</b>	<b>FDIC</b>	<b>20%</b>	<b>2.717</b>	<b>1,021</b>	<b>5 Years</b>	<b>1.489%</b>
<b>Medium-Term Notes</b>	<b>\$23,086,599</b>	<b>14.86%</b>	<b>23,069,270</b>	<b>14.88%</b>		<b>20%</b>	<b>2.014</b>	<b>764</b>	<b>5 Year</b>	<b>1.747%</b>
3M Company	2,081,267	1.34%	2,082,330	1.34%	AA-	5%	0.564	207	5 Year	0.891%
Apple Inc.	4,491,942	2.89%	4,468,310	2.88%	AA+	5%	2.144	803	5 Year	1.351%
Bank of Montreal	1,000,202	0.64%	1,000,660	0.65%	A+	5%	0.769	284	5 Year	1.373%
Chevron Corp.	3,038,287	1.96%	3,025,340	1.95%	AA	5%	3.191	1,226	5 Year	1.935%
Colgate Palmolive Co.	1,998,183	1.29%	2,005,900	1.29%	AA-	5%	1.881	700	5 Year	1.549%
General Electric Capital Corporation	2,000,063	1.29%	2,004,080	1.29%	AA+	5%	0.106	39	5 Year	2.868%
IBM	1,972,161	1.29%	1,966,720	1.27%	AA-	5%	3.336	1,261	5 Year	2.050%
MicroSoft Corporation	2,000,000	1.29%	1,998,000	1.29%	AAA	5%	3.748	1,433	5 Year	1.944%
Royal Bank of Canada	1,000,325	0.64%	1,000,420	0.65%	AA	5%	0.535	197	5 Year	1.189%
Toronto Dominion Bank	1,000,000	0.64%	1,007,050	0.65%	AA-	5%	3.777	1,474	5 Year	2.473%
Toyota Motor Credit Corporation	2,504,169	1.61%	2,510,460	1.62%	AA-	5%	1.159	432	5 Year	1.894%
<b>Total Investments:</b>	<b>\$155,205,906</b>	<b>100%</b>	<b>\$155,051,953</b>	<b>100%</b>			<b>1.558</b>	<b>585</b>		<b>1.189%</b>
<b>Earnings Allowance Rate:</b> 0.250%	<b>Cash In Bank (General):</b>	<b>\$1,075,658</b>								
	<b>Cash In Bank (Housing):</b>	<b>\$2,991,097</b>								
<b>Total Funds:</b>	<b>\$159,272,661</b>									

I certify that this report accurately reflects all pooled investments and is in conformity with the City of Torrance Investment Policy Statement

	Month Ending	Fiscal YTD
365 Day Basis	1.160%	1.140%

  
Dana Cortez  
City Treasurer

  
Xavier Sage  
Deputy City Treasurer

  
Date 3/9/2017

**Investment Report  
November 2016**

**Portfolio Monthly Activity Detail**

Purchases	Broker	Purchase Date	Description	Quality Rating	Maturity Date	Term	Coupon (%)	Par Value (\$)	Book Value (\$)	Market Value (\$)
<b>Investment Number</b>										
11232	MULTI	11/10/2016	Landmark Community Bank	FDIC	11/10/2021	5 YR	1.601%	245,000	245,000	244,067
							1.601%	245,000	245,000	244,067

Maturities/Calls/Sales	Broker	Purchase Date	Description	Quality Rating	Maturity Date	Days Held/Days to Maturity	Coupon (%)	YTM 365 (%)	Par Value (\$)	Book Value (\$)	Market Value (\$)
<b>Investment Number</b>											
11146	WDBUSH	5/28/2014	Customer Bank #34444	FDIC	11/28/2016	915/915	0.800%	0.800%	245,000	245,000	245,000
								0.800%	245,000	245,000	245,000

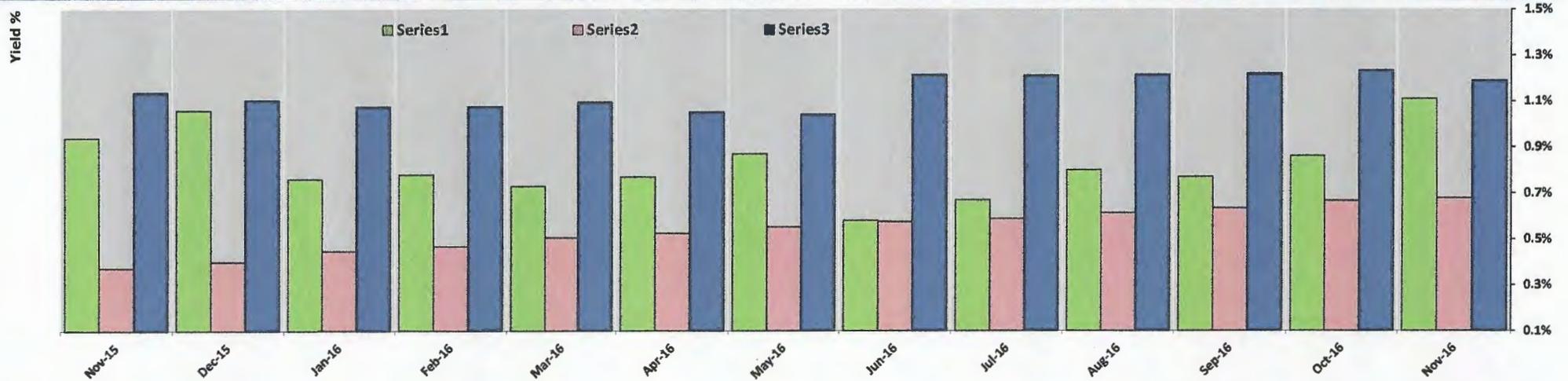
UBOC	Remaining Balance	Coupon (%)	Yield	Deposits	Withdrawals	Ending Balance
Money Market	0	0.01	0.01	665,686	665,686	0

LAIF	Beginning Balance	Coupon (%)	Yield (%)	Deposits (\$)	Withdrawals (\$)	Interest Earned (\$)	Ending Balance (\$)
City *	17,000,000	0.678%	0.678%	13,500,000	-	\$0	30,500,000
	\$17,000,000			\$13,500,000	\$0	\$0	\$30,500,000

\* Includes Tran Repayment

**Investment Report  
November 2016**

**Portfolio Performance**



Portfolio Earnings Summary	November 30, 2016	Fiscal YTD
<b>CD/Coupon/Discount Investments:</b>		
Interest Collected	163,966.83	809,353.64
Plus Interest at End of Period	436,878.94	436,058.37
Less Accrued Interest at Beginning of Period	(467,168.10)	(520,145.70)
<b>Interest Earned during this Period</b>	<b>\$133,677.67</b>	<b>\$725,266.31</b>
Adjusted By Premiums/Discounts	(4,580.08)	(45,531.83)
Adjusted by Capital Gains or Losses	0.00	(1,120.00)
<b>Earnings during Periods</b>	<b>\$129,097.59</b>	<b>\$678,614.48</b>
<b>Cash/Checking Accounts:</b>		
Interest Collected	635.83	97,495.89
Plus Accrued Interest at End of Period	21,976.92	21,976.92
Less Interest at Beginning of Period	(9,652.34)	(63,044.20)
<b>Interest Earned this Period</b>	<b>\$12,960.41</b>	<b>\$56,428.61</b>
<b>Total Interest Earned</b>	<b>\$146,638.08</b>	<b>\$781,694.92</b>
Total Adjustments from Premium and Discounts	(4,580.08)	(45,531.83)
Total Capital Gains or Loss	0.00	(1,120.00)
<b>Total Earnings this Period</b>	<b>\$142,058.00</b>	<b>\$735,043.09</b>

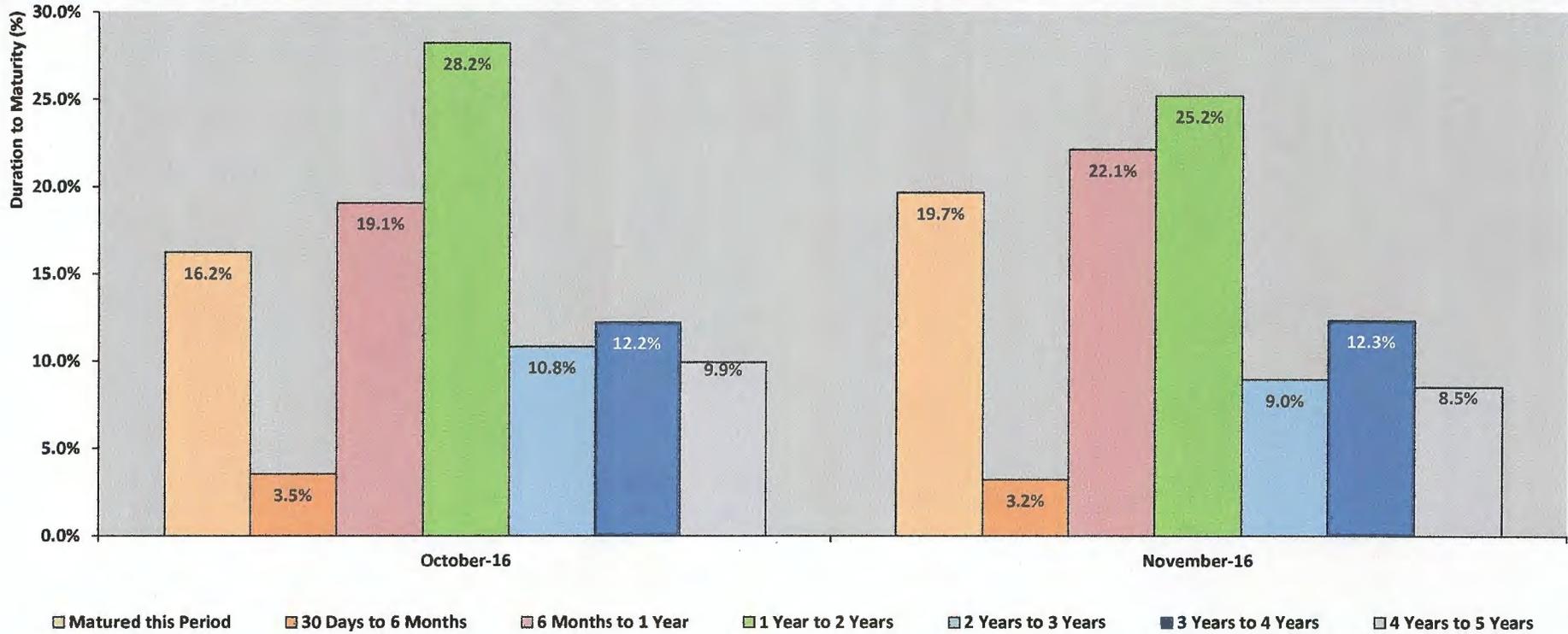
**Notes :**

Adjusted by Premiums/Discounts represents the premium or discount cost involved to secure higher or lower yield securities. The cost of the premium or discount is amortized down or up respectively to par over the life of the bond until reaching maturity. By amortizing, the amount of taxable interest is reduced for each year the city owns the bond. This is because the amortized premium or discounts offsets the ordinary income of the coupon payment.

As long as a bond is held to maturity there will be no capital loss or gain to report.

**Investment Report  
November 2016**

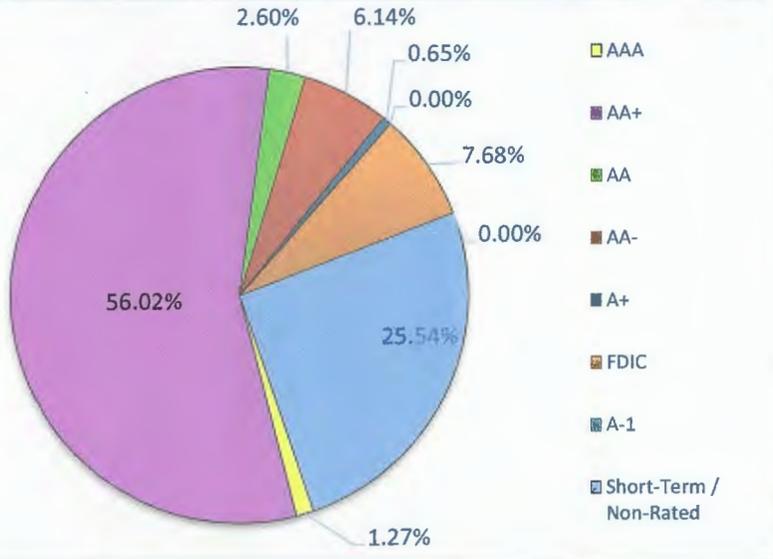
**Maturity Distribution**



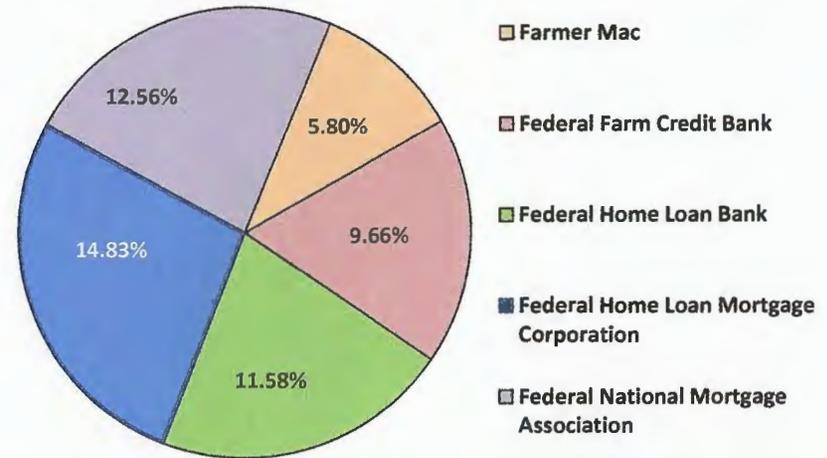
NOTE:\*SB 564 passed in 1995, effective February 1, 1996, requires that local agencies submit a quarterly report to the legislative body containing detailed information on all securities, investments, and monies of the local agency. It also requires a statement of compliance of the portfolio with the statement of investment policy and a statement of the local agency's ability to meet the expenditure requirements of the pool for the next six months.

Portfolio Distribution

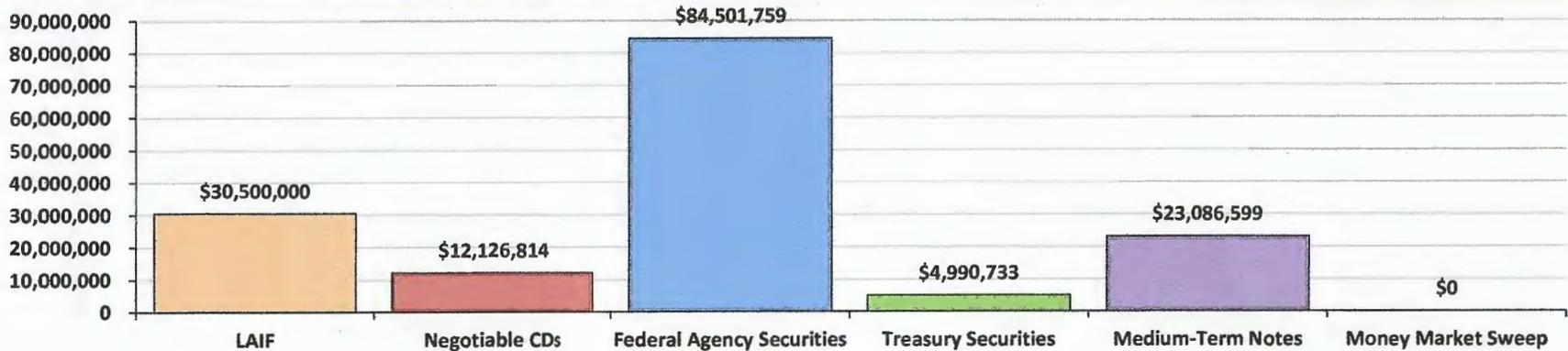
Assigned Credit Ratings of Investments (Total Portfolio)



Federal Agencies Distribution (59.63% of Total Portfolio)



Portfolio Sectors (Book Value)



**Investment Report  
November 2016**

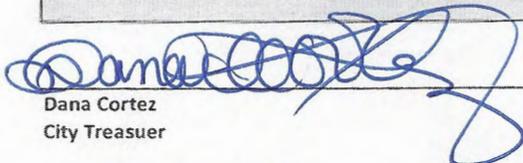
**Value of Portfolio per GASB 31**

	Beginning Investment Value As of July 1, 2016	Purchase / Redemption of Principal	Change in Market Value	Ending Investment Value As of November 30, 2016
U.S. Treasury Securities	5,073,340		(52,700)	5,020,640
Federal Agency (Coupon)	96,518,510	(11,472,756)	(854,123)	84,191,632
Negotiable Certificate of Deposits	12,056,509	245,000	(31,096)	12,270,412
Medium-Term Notes	27,402,521	(4,000,000)	(333,251)	23,069,270
Municipal Bonds				
<b>Sub-total per GASB 31:</b>	<b>\$141,050,879</b>	<b>(15,227,756)</b>	<b>(\$1,271,170)</b>	<b>\$124,551,953</b>
<b>Non-GASB</b>				
Local Agency Investment Funds	6,000,000	24,500,000	0	30,500,000
Money Market	3,000,000	(3,000,000)	0	-
Federal Agency - Disc.	-	-	-	-
Treasury Security - Disc.	-	-	-	-
Certificate of Deposits - Disc.	-	-	-	-
Commercial paper	-	-	-	-
<b>Sub-total Non-GASB:</b>	<b>\$9,000,000</b>	<b>21,500,000</b>	<b>\$0</b>	<b>\$30,500,000</b>
<b>Total Portfolio:</b>	<b>\$150,050,879</b>	<b>6,272,244</b>	<b>(\$1,271,170)</b>	<b>\$155,051,953</b>

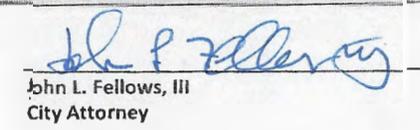
The Governmental Accounting Standards Board (GASB) has established Statement No. 31 for setting investment valuation standards. We report the unrealized gain/(loss) monthly and book realized gain/(loss) at year end as a GASB 31 requirement.

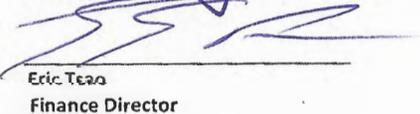
GASB 31 is a reporting requirement that reports the "Fair Value" of investments held in our portfolio. Fair value is the amount at which a financial instrument (investment) could be exchanged in a current transaction between willing parties at current market prices. It is important to understand the relationship between prevailing interest rates and fixed coupon investments. As market interest rates fall, the "Fair Value" of held securities will rise (unrealized Gains). The opposite occurs as market interest rates rise (market prices of held investments will fall). It should be noted that investments held in the city pool are to be held until maturity so both gains and losses (unrealized) will not be taken.

Investment Report for November 2016 reviewed by the Investment Advisory Committee

  
Dana Cortez  
City Treasurer

  
LeRoy Jackson  
City Manager

  
John L. Fellows, III  
City Attorney

  
Eric Teas  
Finance Director

*Not available*  
Xavier Sage  
Deputy City Treasurer

**City of Torrance**  
**Portfolio Management**  
**Portfolio Details - Investments**  
**November 30, 2016**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM	Days to Maturity	Maturity Date
<b>Local Agency Investment Funds</b>												
SYS10000	10000	Local Agency Invest Fund GEN'L			30,500,000.00	30,500,000.00	30,500,000.00	0.678	LAIF	0.678	1	
<b>Subtotal and Average</b>			<b>24,033,333.33</b>		<b>30,500,000.00</b>	<b>30,500,000.00</b>	<b>30,500,000.00</b>			<b>0.678</b>	<b>1</b>	
<b>Money Market Sweep Account</b>												
316175108S	1000	Union Bank of California			0.00	0.00	0.00	0.010	A-1	0.010	1	
<b>Subtotal and Average</b>			<b>72,450.11</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>			<b>0.000</b>	<b>0</b>	
<b>Federal Agency Issues - Coupon</b>												
31315PNZ8	11086	FARMER MAC		01/30/2013	2,000,000.00	1,996,640.00	2,000,279.33	1.050	IMP	1.038	425	01/30/2018
31315PXM6	11097	FARMER MAC		05/02/2013	2,000,000.00	1,988,720.00	1,999,716.11	0.850	IMP	0.860	517	05/02/2018
3132X0AL5	11170	FARMER MAC		06/01/2015	1,000,000.00	997,960.00	1,000,000.00	1.100	IMP	1.100	547	06/01/2018
3132X0BG5	11181	FARMER MAC		07/15/2015	1,000,000.00	994,000.00	1,000,000.00	1.750	IMP	1.750	1,292	06/15/2020
3132X0GV7	11214	FARMER MAC		06/07/2016	2,000,000.00	1,980,000.00	2,000,000.00	1.110	IMP	1.110	918	06/07/2019
3132X0JT9	11227	FARMER MAC		09/20/2016	1,000,000.00	986,630.00	1,000,000.00	1.160	IMP	1.160	1,023	09/20/2019
3133EC5A8	11075	FEDERAL FARM CREDIT BANK		11/28/2012	2,000,000.00	1,998,340.00	2,000,000.00	0.870	AA+	0.870	361	11/27/2017
3133ECE26	11087	FEDERAL FARM CREDIT BANK		01/30/2013	1,000,000.00	996,340.00	1,000,000.00	0.940	AA+	1.022	425	01/30/2018
3133ED3Z3	11109	FEDERAL FARM CREDIT BANK		10/04/2013	3,000,000.00	3,008,730.00	3,000,000.00	1.230	AA+	1.230	307	10/04/2017
3133ED4Q2	11114	FEDERAL FARM CREDIT BANK		10/11/2013	1,000,000.00	1,004,630.00	1,000,000.00	1.480	AA+	1.480	557	06/11/2018
3133EDDV1	11119	FEDERAL FARM CREDIT BANK		01/23/2014	1,000,000.00	1,002,700.00	999,666.07	1.160	AA+	1.198	326	10/23/2017
3133EDEB4	11121	FEDERAL FARM CREDIT BANK		02/07/2014	3,000,000.00	3,005,760.00	3,002,863.42	1.100	AA+	0.931	209	06/28/2017
3133EDGW6	11128	FEDERAL FARM CREDIT BANK		03/11/2014	3,000,000.00	3,010,200.00	2,998,684.31	1.300	AA+	1.330	557	06/11/2018
3133EFX36	11206	FEDERAL FARM CREDIT BANK		04/05/2016	1,000,000.00	978,110.00	1,000,000.00	1.680	AA+	1.680	1,586	04/05/2021
313383AA9	11105	FEDERAL HOME LOAN BANK		06/12/2013	4,000,000.00	3,974,320.00	4,000,000.00	1.000	AA+	1.000	558	06/12/2018
313379VE6	11118	FEDERAL HOME LOAN BANK		01/14/2014	1,000,000.00	1,001,480.00	999,676.15	1.010	AA+	1.070	200	06/19/2017
313381GD1	11122	FEDERAL HOME LOAN BANK		02/20/2014	2,000,000.00	2,002,400.00	1,996,810.83	1.250	AA+	1.356	566	06/20/2018
313380CP0	11161	FEDERAL HOME LOAN BANK		05/22/2015	1,000,000.00	993,470.00	995,616.33	1.240	AA+	1.420	918	06/07/2019
313383HU8	11172	FEDERAL HOME LOAN BANK		06/12/2015	2,000,000.00	2,010,840.00	1,998,305.33	1.750	AA+	1.775	1,289	06/12/2020
3130A5JY6	11174	FEDERAL HOME LOAN BANK		06/30/2015	2,000,000.00	1,998,140.00	2,000,000.00	1.000	AA+	2.174	1,307	06/30/2020
313379EE5	11189	FEDERAL HOME LOAN BANK		09/14/2015	2,000,000.00	2,013,140.00	2,012,525.01	1.625	AA+	1.371	925	06/14/2019
3130A8BD4	11209	FEDERAL HOME LOAN BANK		05/27/2016	1,000,000.00	996,760.00	998,179.68	0.875	AA+	0.992	575	06/29/2018
3130A8QS5	11221	FEDERAL HOME LOAN BANK		08/25/2016	2,000,000.00	1,936,180.00	1,989,715.68	1.125	AA+	1.240	1,686	07/14/2021
3130A8QS5	11230	FEDERAL HOME LOAN BANK		09/30/2016	1,000,000.00	968,090.00	995,292.67	1.125	AA+	1.230	1,686	07/14/2021
3137EADC0	11017	FEDERAL HOME LOAN MORTGAGE CO		01/30/2012	1,000,000.00	1,001,290.00	999,815.29	1.000	AA+	1.071	97	03/08/2017
3134G32L3	11079	FEDERAL HOME LOAN MORTGAGE CO		12/26/2012	2,000,000.00	1,993,860.00	2,000,000.00	0.850	AA+	0.850	390	12/26/2017
3137EADJ5	11095	FEDERAL HOME LOAN MORTGAGE CO		04/23/2013	3,000,000.00	3,004,920.00	3,006,609.75	1.000	AA+	0.660	239	07/28/2017
3137EADH9	11101	FEDERAL HOME LOAN MORTGAGE CO		05/13/2013	5,000,000.00	5,008,100.00	5,007,894.48	1.000	AA+	0.722	210	06/29/2017

Portfolio CITY  
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**City of Torrance**  
**Portfolio Management**  
**Portfolio Details - Investments**  
**November 30, 2016**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM	Days to Maturity	Maturity Date
<b>Federal Agency Issues - Coupon</b>												
3134G44N5	11102	FEDERAL HOME LOAN MORTGAGE CO		05/28/2013	2,000,000.00	1,998,020.00	2,000,000.00	0.750	AA+	0.750	362	11/28/2017
3137EADL0	11132	FEDERAL HOME LOAN MORTGAGE CO		04/23/2014	1,000,000.00	1,001,260.00	998,825.84	1.000	AA+	1.145	302	09/29/2017
3137EADJ5	11139	FEDERAL HOME LOAN MORTGAGE CO		04/30/2014	2,000,000.00	2,003,280.00	1,999,886.37	1.000	AA+	1.009	239	07/28/2017
3134G3XJ4	11155	FEDERAL HOME LOAN MORTGAGE CO		04/29/2015	1,000,000.00	999,440.00	1,005,235.79	1.500	AA+	1.290	938	06/27/2019
3134G3XJ4	11190	FEDERAL HOME LOAN MORTGAGE CO		09/25/2015	1,000,000.00	999,440.00	1,005,931.54	1.500	AA+	1.263	938	06/27/2019
3137EADZ9	11204	FEDERAL HOME LOAN MORTGAGE CO		03/21/2016	1,000,000.00	995,620.00	999,744.73	1.125	AA+	1.136	865	04/15/2019
3134G9AY3	11207	FEDERAL HOME LOAN MORTGAGE CO		04/28/2016	1,000,000.00	987,180.00	999,591.67	1.350	AA+	1.376	1,244	04/28/2020
3134G9SA6	11215	FEDERAL HOME LOAN MORTGAGE CO		06/23/2016	1,000,000.00	985,990.00	1,000,000.00	1.500	AA+	1.500	1,300	06/23/2020
3134G9TY3	11216	FEDERAL HOME LOAN MORTGAGE CO		06/30/2016	2,000,000.00	1,993,000.00	2,000,000.00	1.000	AA+	2.178	1,672	06/30/2021
3135G0PQ0	11100	FEDERAL NATIONAL MORT ASSOC		04/26/2013	3,000,000.00	2,999,880.00	3,004,122.69	0.875	AA+	0.720	329	10/26/2017
3136G1LZ0	11103	FEDERAL NATIONAL MORT ASSOC		05/28/2013	2,000,000.00	1,996,060.00	2,000,000.00	0.750	AA+	0.750	362	11/28/2017
3135G0WJ8	11117	FEDERAL NATIONAL MORT ASSOC		01/14/2014	1,000,000.00	997,350.00	989,988.51	0.875	AA+	1.581	536	05/21/2018
3135G0WJ8	11120	FEDERAL NATIONAL MORT ASSOC		01/31/2014	2,000,000.00	1,994,700.00	1,984,469.29	0.875	AA+	1.421	536	05/21/2018
3135G0WJ8	11125	FEDERAL NATIONAL MORT ASSOC		03/03/2014	2,000,000.00	1,994,700.00	1,987,291.17	0.875	AA+	1.320	536	05/21/2018
3135G0YT4	11133	FEDERAL NATIONAL MORT ASSOC		04/23/2014	1,000,000.00	1,008,860.00	998,662.37	1.625	AA+	1.695	726	11/27/2018
3135G0PQ0	11140	FEDERAL NATIONAL MORT ASSOC		04/30/2014	1,000,000.00	999,960.00	997,867.83	0.875	AA+	1.116	329	10/26/2017
3135G0GY3	11141	FEDERAL NATIONAL MORT ASSOC		04/30/2014	1,000,000.00	1,001,300.00	1,000,775.34	1.250	AA+	0.771	60	01/30/2017
3135G0PQ0	11150	FEDERAL NATIONAL MORT ASSOC		06/30/2014	1,000,000.00	999,960.00	998,538.88	0.875	AA+	1.040	329	10/26/2017
3136G3N92	11220	FEDERAL NATIONAL MORT ASSOC		07/29/2016	2,525,000.00	2,438,291.50	2,525,000.00	1.350	AA+	1.350	1,699	07/27/2021
3136G04T5	11222	FEDERAL NATIONAL MORT ASSOC		08/25/2016	1,000,000.00	994,090.00	1,003,756.08	1.500	AA+	1.055	1,260	05/14/2020
3135G0K69	11223	FEDERAL NATIONAL MORT ASSOC		08/25/2016	2,000,000.00	1,951,500.00	2,000,420.38	1.250	AA+	1.230	1,617	05/06/2021
<b>Subtotal and Average</b>			<b>84,503,959.32</b>		<b>84,525,000.00</b>	<b>84,191,631.50</b>	<b>84,501,758.92</b>			<b>1.164</b>	<b>686</b>	
<b>Treasury Securities - Coupon</b>												
912828WD8	11137	U.S.TREASURY NOTE		04/29/2014	2,000,000.00	2,005,160.00	1,988,056.27	1.250	AA+	1.575	699	10/31/2018
912828VK3	11143	U.S.TREASURY NOTE		05/09/2014	3,000,000.00	3,015,480.00	3,002,676.80	1.375	AA+	1.317	576	06/30/2018
<b>Subtotal and Average</b>			<b>4,990,552.70</b>		<b>5,000,000.00</b>	<b>5,020,640.00</b>	<b>4,990,733.07</b>			<b>1.419</b>	<b>625</b>	
<b>Medium Term Notes</b>												
88579YAE1	11104	3M Company		05/23/2013	1,080,000.00	1,081,209.60	1,080,819.16	1.000	AA-	0.864	207	06/26/2017
88579YAE1	11145	3M Company		05/14/2014	1,000,000.00	1,001,120.00	1,000,447.70	1.000	AA-	0.920	207	06/26/2017
037833AJ9	11193	Apple Inc		09/30/2015	2,500,000.00	2,488,550.00	2,494,402.57	1.000	AA+	1.160	518	05/03/2018
037833AX8	11198	Apple Inc		10/30/2015	2,000,000.00	1,979,760.00	1,997,539.49	1.550	AA+	1.590	1,163	02/07/2020
06366RHA6	11056	Bank of Montreal		09/11/2012	1,000,000.00	1,000,660.00	1,000,202.22	1.400	A+	1.373	284	09/11/2017
166764AN0	11156	Chevron Corp		04/28/2015	1,000,000.00	1,011,380.00	1,017,744.17	2.193	AA	1.569	1,079	11/15/2019
166764AG5	11182	Chevron Corp		07/31/2015	2,000,000.00	2,013,960.00	2,020,542.55	2.427	AA	2.120	1,301	06/24/2020

**City of Torrance  
Portfolio Management  
Portfolio Details - Investments  
November 30, 2016**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM	Days to Maturity	Maturity Date
<b>Medium Term Notes</b>												
19416QED8	11116	Colgate Palmolive Co		11/01/2013	2,000,000.00	2,005,900.00	1,998,183.00	1.500	AA-	1.549	700	11/01/2018
36962G5N0	11011	General Electric Capital Corp		01/10/2012	2,000,000.00	2,004,080.00	2,000,063.37	2.900	AA+	2.868	39	01/09/2017
459200HM6	11183	IBM		08/18/2015	2,000,000.00	1,966,720.00	1,972,161.22	1.625	AA-	2.050	1,261	05/15/2020
594918BG8	11199	MicroSoft Corp		11/05/2015	2,000,000.00	1,998,000.00	2,000,000.00	2.000	AAA	1.944	1,433	11/03/2020
78010UD20	11147	Royal Bank of CANada		06/16/2014	1,000,000.00	1,000,420.00	1,000,325.00	1.250	AA	1.189	197	06/16/2017
89114QBC1	11201	Toronto Dominion Bank		12/14/2015	1,000,000.00	1,007,050.00	1,000,000.00	2.500	AA-	2.473	1,474	12/14/2020
89233P5S1	11015	Toyota Motor Credit Corp		01/13/2012	1,000,000.00	1,001,130.00	1,000,097.09	2.050	AA-	1.960	42	01/12/2017
89236TAY1	11131	Toyota Motor Credit Corp		04/11/2014	1,500,000.00	1,509,330.00	1,504,071.65	2.000	AA-	1.850	692	10/24/2018
<b>Subtotal and Average</b>			<b>23,086,795.60</b>		<b>23,080,000.00</b>	<b>23,069,269.60</b>	<b>23,086,599.19</b>			<b>1.747</b>	<b>764</b>	
<b>Negotiable CD</b>												
31938QP24	11186	First Business Bank		09/16/2015	161,000.00	163,421.44	161,000.00	1.700	FDIC	1.701	1,019	09/16/2019
32110YFW0	11163	First National Bank of America		05/29/2015	245,000.00	247,729.30	245,000.00	1.600	FDIC	0.000	1,275	05/29/2020
32112UBX8	11192	First National Bank of Texas		09/30/2015	247,000.00	248,729.00	247,000.00	1.400	FDIC	1.402	851	04/01/2019
88413QBG2	11168	Third Federal Savings and Loan		05/28/2015	245,000.00	246,906.10	245,000.00	1.300	FDIC	1.303	727	11/28/2018
02587CAW0	11152	American Express		08/21/2014	245,000.00	251,482.70	245,000.00	2.100	FDIC	2.101	993	08/21/2019
02006LUH4	11194	Ally Bank		09/30/2015	245,000.00	247,996.35	245,000.00	1.700	FDIC	1.465	669	10/01/2018
02587DXP8	11158	American Express Cent #27471		04/30/2015	245,000.00	251,066.20	245,000.00	1.950	FDIC	1.952	1,246	04/30/2020
06740AYC7	11090	Barclays Bank		03/12/2013	245,000.00	247,562.70	245,000.00	1.500	FDIC	1.300	466	03/12/2018
06610TDN2	11226	Bankers Bank of the West		09/14/2016	245,000.00	244,598.20	245,000.00	1.150	FDIC	1.150	1,016	09/13/2019
06251AK58	11196	Bank Hapoalim BM NY		10/29/2015	245,000.00	248,395.70	245,000.00	1.650	FDIC	1.651	1,062	10/29/2019
05580ACP7	11184	BMW Bank of No America #35141		08/14/2015	245,000.00	253,704.85	245,000.00	2.250	FDIC	2.253	1,352	08/14/2020
060624XH1	11091	Bank of Baroda #33681		03/08/2013	245,000.00	246,641.50	245,000.00	1.250	FDIC	1.251	462	03/08/2018
14042E4P2	11178	Capital One#4297		07/15/2015	245,000.00	252,768.95	245,000.00	2.300	FDIC	2.303	1,322	07/15/2020
140420TE0	11176	Capital One Bank USA #33954		07/08/2015	247,000.00	256,141.47	247,000.00	2.350	FDIC	2.353	1,315	07/08/2020
149159HR9	11094	Cathay Bank #18503		04/12/2013	245,000.00	245,352.80	245,000.00	1.000	FDIC	1.001	497	04/12/2018
15118RLC9	11213	CELTIC BANK		06/15/2016	245,000.00	245,426.30	245,000.00	1.200	FDIC	1.200	925	06/14/2019
17284CBZ6	11093	CIT Bank		04/17/2013	245,000.00	245,847.70	245,000.00	1.150	FDIC	1.151	502	04/17/2018
20033ASX5	11231	Comenity Capital Bank		10/31/2016	245,000.00	244,027.35	245,000.00	1.750	FDIC	1.751	1,793	10/29/2021
20451PLA2	11164	COMPASS BANK		05/29/2015	245,000.00	246,357.30	245,000.00	1.300	FDIC	1.301	544	05/29/2018
20786ABD6	11165	CONNECTONE BANK		06/05/2015	245,000.00	248,175.20	245,000.00	1.500	FDIC	1.501	916	06/05/2019
225645CZ1	11126	Crescent Bank & Trust		03/05/2014	245,000.00	248,302.60	245,000.00	1.500	FDIC	1.500	635	08/28/2018
061785DD0	11211	Bank of Deerfield		06/07/2016	245,000.00	245,438.55	245,000.00	1.300	FDIC	1.301	1,223	04/07/2020
254672NC8	11160	Discover Bank #5649		05/06/2015	245,000.00	250,240.55	245,000.00	1.900	FDIC	1.902	1,252	05/06/2020
29976DZD5	11177	EverBank #34775		07/14/2015	245,000.00	251,056.40	245,000.00	2.000	FDIC	2.002	1,321	07/14/2020
308862DD0	11134	Farmers & Merchants Bk #16810		04/25/2014	245,000.00	245,159.25	245,000.00	1.450	FDIC	1.452	663	09/25/2018

**City of Torrance  
Portfolio Management  
Portfolio Details - Investments  
November 30, 2016**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM	Days to Maturity	Maturity Date
<b>Negotiable CD</b>												
38148JSU6	11159	Goldman Sachs Bank #33124		05/06/2015	245,000.00	250,240.55	245,000.00	1.900	FDIC	1.902	1,252	05/06/2020
383052DH7	11191	Gorham Bank		10/14/2015	247,000.00	251,591.73	247,000.00	1.350	FDIC	1.350	865	04/15/2019
40434AP45	11202	Household Finance Co		03/10/2016	245,000.00	246,477.35	245,000.00	1.300	FDIC	2.007	1,560	03/10/2021
45083AEJ7	11154	Iberia Bank		04/16/2015	245,000.00	245,681.10	245,000.00	1.100	FDIC	1.101	501	04/16/2018
465076JJ7	11208	ISREAL DISCOUNT BK of NY		05/04/2016	245,000.00	246,599.85	245,000.00	1.200	FDIC	1.190	886	05/06/2019
464209CJ2	11225	ISABELLa BANK		09/07/2016	245,000.00	244,610.45	245,000.00	1.150	FDIC	1.149	1,012	09/09/2019
485836FB1	11129	Katahdin Trust Co CD		03/28/2014	245,000.00	245,000.00	245,000.00	1.250	FDIC	1.054	847	03/28/2019
51507LBD5	11232	Landmark Community Bank		11/10/2016	245,000.00	244,066.55	245,000.00	1.600	FDIC	1.601	1,805	11/10/2021
549103YK9	11224	Luana Savings Bank		09/09/2016	245,000.00	244,314.00	245,000.00	1.350	FDIC	1.351	1,743	09/09/2021
564759QS0	11162	Manufacturers & Traders Trust		05/27/2015	245,000.00	246,141.70	245,000.00	1.050	FDIC	1.051	544	05/29/2018
55266CRZ1	11212	MB Financial Bank		06/10/2016	245,000.00	245,757.05	245,000.00	1.350	FDIC	1.351	1,287	06/10/2020
58403BY42	11179	Medallion Bank Salt Lake City		07/21/2015	245,000.00	249,826.50	245,000.00	1.900	FDIC	1.865	963	07/22/2019
58733ADJ5	11229	mercantil Commercebank Nationa		09/28/2016	245,000.00	244,208.65	245,000.00	1.650	FDIC	1.651	1,762	09/28/2021
59013JJE0	11187	Merrick Bank		09/21/2015	245,000.00	250,973.10	245,000.00	1.600	FDIC	1.601	1,023	09/20/2019
55406JAK8	11185	M Y SAFRA Bank		09/11/2015	245,000.00	251,183.80	244,814.45	1.600	FDIC	1.630	988	08/16/2019
628825JK8	11151	NCB FSB #32612		07/16/2014	245,000.00	245,639.45	245,000.00	1.000	FDIC	0.861	228	07/17/2017
63970QFD3	11188	Nebraskaland National Bank		09/25/2015	245,000.00	251,061.30	245,000.00	1.500	FDIC	1.501	1,028	09/25/2019
71270QLZ7	11153	Peoples United Bank		02/04/2015	245,000.00	252,440.65	245,000.00	1.750	FDIC	1.751	1,160	02/04/2020
795450XG5	11200	Sallie Mae Bank		12/09/2015	245,000.00	252,840.00	245,000.00	2.200	FDIC	2.202	1,469	12/09/2020
856283UK0	11098	STATE BANK of INDIA		05/14/2013	245,000.00	246,749.30	245,000.00	1.150	FDIC	0.000	529	05/14/2018
87164YGD0	11157	Synchrony Bank Retail		04/28/2015	245,000.00	251,063.75	245,000.00	1.900	FDIC	1.902	1,229	04/13/2020
94768NJD7	11081	Webster Bank #18221		12/12/2012	245,000.00	245,480.20	245,000.00	1.000	FDIC	1.001	376	12/12/2017
9497485K9	11210	Wells Fargo Bank		06/01/2016	245,000.00	245,382.20	245,000.00	1.250	FDIC	1.250	914	06/03/2019
949763BH8	11228	Wells Fargo Bank		09/28/2016	245,000.00	244,208.65	245,000.00	1.700	FDIC	1.701	1,762	09/28/2021
981571BP6	11180	WORLD FOREMOST BANK		07/16/2015	200,000.00	206,346.00	200,000.00	2.400	FDIC	2.403	1,323	07/16/2020
		<b>Subtotal and Average</b>	<b>12,273,811.73</b>		<b>12,127,000.00</b>	<b>12,270,412.34</b>	<b>12,126,814.45</b>			<b>1.489</b>	<b>1,021</b>	
		<b>Total and Average</b>	<b>148,960,902.79</b>		<b>155,232,000.00</b>	<b>155,051,953.44</b>	<b>155,205,905.63</b>			<b>1.189</b>	<b>587</b>	

**City of Torrance  
Portfolio Management  
Portfolio Details - Cash  
November 30, 2016**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM	Days to Maturity
		Average Balance	0.00	Accrued Interest at Purchase		5,126.88	5,126.88				0
				Subtotal		5,126.88	5,126.88				
		<b>Total Cash and Investments</b>	<b>148,960,902.79</b>		<b>155,232,000.00</b>	<b>155,057,080.32</b>	<b>155,211,032.51</b>			<b>1.189</b>	<b>587</b>



CITY OF TORRANCE  
FISCAL AGENT FOR SUCCESSOR RDA  
RESTRICTED  
CASH BALANCE REPORT  
November 30, 2016

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	Book Value
Bank of America City of Torrance Successor RDA Agency Account # xx-046	2,042.84
Bank of America City of Torrance Successor RDA Agency - Low Mod Account # xx-140	0.00
Local Agency Investment Fund (L.A.I.F.) City of Torrance Successor RDA Agency Account# -xx-072	<u>1,573.68</u>
<b>TOTAL</b>	<u><u>\$ 3,616.52</u></u>

# CITY OF TORRANCE

## INTEROFFICE COMMUNICATION

DATE: 12/29/16

TO: Dana Cortez, City Treasurer

FROM: Eric E. Tsao, Finance Director

SUBJECT: Cash & Investments Report for November 2016 <sup>1500</sup>

### CASH AND INVESTMENTS RECONCILIATION AS OF NOVEMBER 30, 2016

INVESTMENTS PER PORTFOLIO SUMMARY		\$ 155,205,905.63
Cash in Bank of America General Account	\$ 1,075,658.13	
Cash in Bank of America Housing Account	<u>2,991,097.13</u>	4,066,755.26
TOTAL FUNDS PER INVESTMENT REPORT		<b>\$ 159,272,660.89</b>
OUTSTANDING WARRANTS:		
General Account	\$ (593,658.39)	
Payroll Account	(32,340.29)	
Workers' Compensation Account	(181,320.12)	
Housing Account	<u>(11,618.00)</u>	(818,936.80)
DEPOSITS IN TRANSIT:		
November 2016 Deposits in transit	\$ 27,009.78	
November 2016 Global Water cash collection	<u>355,485.08</u>	382,494.86
MISCELLANEOUS OUTSTANDING ADJUSTMENTS:		
IVR & Parking Web credit card receipts will be interfaced in December 2016	\$ (9,758.76)	
11/28/2016 Union Bank Investment No. 11163 - interest - transaction was interfaced on 12/12/16	(332.93)	
11/28/2016 Union Bank Investment No. 11164 - interest - transaction was interfaced on 12/12/16	(1,605.59)	
11/28/2016 Union Bank Investment No. 11168 - interest - transaction was interfaced on 12/12/16	(1,605.59)	
11/28/2016 Union Bank Investment No. 11192 - interest - transaction was interfaced on 12/12/16	(293.69)	
11/28/2016 Union Bank Investment No. 11228 - interest - transaction was interfaced on 12/12/16	(353.74)	
11/29/16 Pre-encoded deposit - transaction was interfaced on 12/08/16	<u>(43.00)</u>	(13,993.30)
TOTAL CASH AND INVESTMENTS PER BOOKS		<b>\$ 158,822,225.65</b>

# Notes to Investment Report

## 1. REPORTING ENTITY

City of Torrance was established May 31, 1921 and adopted a city charter form of government on January 7, 1947.

Under City Charter section 630 CITY TREASURER. It shall be the duty of the City Treasurer to receive and safely keep all moneys which shall come into his/her hands as City Treasurer. He/She shall comply with all provisions of law governing the deposit and securing of public funds. He/She shall also comply with all the provisions of the general laws of the State governing the handling of such trust funds as may come into his/her possession. He/She shall pay out moneys only on warrants signed by persons designated by law, or ordinance, as the proper persons to sign warrants and as to trust funds which may come into his/her possession or control by virtue of some law, ordinance or resolution, by warrant or other order, in accordance with the provisions of such law, ordinance or resolution. He/She shall at regular intervals, at least once each month, submit to the Director of Finance a written report and accounting of all receipts, disbursements and fund balances, a copy of which report he/she shall file with the City Council.

The City Treasurer may appoint a deputy, or deputies, from an eligible list to be prepared in accordance with the proceedings prescribed in the civil service system of the City, such deputy or deputies to receive such compensation as may be provided by the City Council. (Ratified Gen. Mun. Elec. 4/10/56, Amend. No. 8; Approved by State Legislature Concurrent Res. No. 3 on 1/9/57).

## 2. BASIS FOR REPORTING

This Investment Report has been prepared in accordance with the State of California Government Code §53600 and City of Torrance Investment Policy as noted in the City Charter. The City of Torrance Investment Policy is approved and adopted annually by City Council. The Investment Policy is annually submitted by the City Treasurer to the Investment Advisory Committee for review before being forwarded to the City Council. The investment Advisory Committee is made up of City Treasurer, City Manager, City Attorney, Finance Director, and Deputy City Treasurer.

## 3. ASSUMPTIONS

The Investment Report represents a specific snapshot in time and is compared to other market performers during that same period which includes but is not limited to: Constant Maturing Treasury 2-year term rates, Local Agency Investment Fund (State of California), and prior year performance. All investment activity calculations are results from SymPro portfolio management software v7.3.6.

Adjusted by Premiums/Discounts represent the premium/discount cost involved to secure higher or lower yield securities. The cost of the premium or discount is amortized down or up to par over the life of the bond until reaching maturity. By amortizing, the amount of taxable interest is reduced for each year the city owns the bond. This is because the amortized premium or discount offsets the ordinary income of the coupon payment.

There is no capital loss or gain to report if bonds are kept to maturity.

## Glossary

**AGENCIES.** Also referred to as Federal Agencies or Fed Agencies and include such organizations or enterprises as the: Federal Home Loan Bank (FHLB), Federal Home Loan Mortgage Corporation (FHLMC), Federal Farm Credit Banks (FFCB), and Government National Mortgage Association (GNMA). See FEDERAL AGENCIES or the specific organization/enterprise in this glossary for additional information.

**AMORTIZATION.** The spreading out of capital expenses for intangible assets over a specific period of time (usually over the asset's useful life) for accounting and tax purposes. Amortization is similar to depreciation, which is used for tangible assets, and to depletion, which is used with natural resources.

**ASKED.** The price at which securities are offered.

**BANKER'S ACCEPTANCE ("BA").** A draft, bill, or exchange accepted by a bank or a trust company. Both the issuer and the accepting institution guarantee payment of the bill.

**BASIS POINT.** Common unit of measure used for expressing changes in interest rates; one basis point equates to 1/100<sup>th</sup> of 1%. (i.e. 0.1% equals 10 basis points.)

**BID.** The price offered by a buyer of securities (when one sells securities, one asks for a bid). See "Offer".

**BOND.** Bonds are commonly referred to as fixed-income securities and are one of the three main generic asset classes, along with stocks (equities) and cash equivalents. Many corporate and government bonds are publicly traded on exchanges, while others are traded only over-the-counter (OTC).

**BROKER.** A broker is an individual or firm that charges a fee or commission for executing buy and sell orders submitted by an investor. It is also the role of a firm when it acts as an agent for a customer and charges the customer a commission for its services.

**BULLET BOND.** Bullet Bonds are non-callable bonds, which cannot be redeemed early by the issuer.

**CALLABLE BOND.** A bond that can be redeemed by the issuer earlier than the bond's maturity date. Callable bonds with specific details as to when the bond may be called back are noted. Embedded options attached to callable bonds detail how the issuer may "call" back the security. Three forms of embedded options for callable bonds are:

- *American Option:* Bond may be called back by the issuer at any time after the lockout period expires. (continuously callable)
- *Bermudian Option:* The issuer has the right to call the bond on the predetermined interest payment dates only.
- *European Option:* Allows the holder to exercise the option (i.e. to buy) only on the option expiration date.
- 1X: One time callable only
- 6M: Callable only after predetermined 6 month lockout period.

**CERTIFICATE OF DEPOSIT ("CD").** A time deposit with a specific maturity, as evidenced by a certificate. Large-denomination CDs are typically negotiable. A certificate of deposit (CD) is a savings certificate entitling the bearer to receive interest. A CD bears a maturity date, a specified fixed interest rate and can be issued in any denomination. CDs are generally issued by commercial banks and are insured by the FDIC. The term of a CD generally ranges from one month to five years.

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**COLLATERAL.** Securities, evidence of deposit, or other property which a borrower pledges to secure repayment of a loan. Also refers to securities pledged by a bank to secure deposits of public monies.

**COMPREHENSIVE ANNUAL FINANCIAL REPORT ("CAFR").** The official annual report for the City of Torrance. It includes combined statements for each individual fund and account group, which are prepared in conformity with GAAP. It also includes supporting schedules that are necessary to demonstrate compliance with finance-related legal and contractual provisions, extensive introductory material, and a detailed statistical section.

**CORPORATE BOND/NOTES.** A debt security issued by a corporation and sold to investors. The backing for the bond is usually the payment ability of the company, which is typically money to be earned from future operations.

**COUPON.** The annual rate of interest that a bond's issuer promises to pay the bondholder on the bond's face value. It can also be a certificate attached to a bond, which evidences interest due on a payment date. The annual interest rate paid on a bond, expressed as a percentage of the face value.

**DEALER.** A dealer, as opposed to a broker, acts as a principal in all transactions, buying and selling for his own account.

**DEBENTURE.** A bond secured only by the general credit of the issuer.

**DELIVERY VERSUS PAYMENT.** There are two methods of delivery of securities: (1) delivery versus payment (DVP); and (2) delivery versus receipt (DVR). DVP is delivery of securities with an exchange of money for the securities. DVR is delivery of securities with an exchanged of a signed receipt for the securities.

**DERIVATIVES.** (1) Financial instruments that are linked to, or derived from, the movement of one or more underlying indexes or securities, and may include a leveraging factor; or (2) financial contracts based upon a notional amount whose value is derived from an underlying index or security (e.g., interest rates, foreign exchange rates, equities, or commodities).

**DISCOUNT.** The difference between the acquisition cost of a security and its value at maturity, when quoted at lower than face value. A security that sells below original offering price shortly after sale is also considered to be at a discount. In finance, discount refers to the condition of the price of a bond that is lower than par, or face value. The discount equals the difference between the price paid for a security and the security's par value.

**DISCOUNT SECURITIES.** Non-interest bearing money market instruments that are issued a discount and that are redeemed at maturity for full face value (e.g., U.S. Treasury Bills).

**DIVERSIFICATION.** Dividing investment funds among a variety of securities that offer independent returns.

**FEDERAL AGENCIES.** Special government organizations set up for a specific purpose such as the management of resources, financial oversight of industries or national security issues. These organizations are typically created by legislative action, but may initially be set up by a Presidential Order as well. The directors of these agencies are typically selected by Presidential appointment. A number of these organizations issue securities such as stocks and bonds that have been historically popular with investors. Agencies of the Federal Government that were established to supply credit to various classes of institutions and individuals (e.g., S&Ls, small business firms, students, farmers, farm cooperative, and exporters).

**FEDERAL FARM CREDIT BANK ("FFCB").** In the United States, a network of federally-chartered financial institutions designed to provide credit-related services to the agricultural and farming sectors of the economy. In total, this

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government-sponsored enterprise comprises approximately 100 financial institutions that serve all 50 states and Puerto Rico

**FEDERAL DEPOSIT INSURANCE CORPORATION ("FDIC").** A federal agency that insures bank deposits, currently up to \$ 250,000.00 per deposit.

**FEDERAL FUNDS RATE.** The rate of interest at which Fed funds are traded. This rate is currently pegged by the Federal Reserve through open-market operations.

**FEDERAL HOME LOAN BANKS ("FHLB").** Government-sponsored wholesale banks (currently 12 regional banks) which lend funds and provide correspondent banking services to member commercial banks, thrift institutions, credit unions, and insurance companies. The mission of the FHLBs is to liquefy the housing-related assets of its member, who must purchase stock in their District Bank. FHLB - An organization created by the Federal Home Loan Bank Act of 1932 to increase the amount of funds available for lending institutions who provide mortgages and similar loan agreements to individuals. This system was created in response to the depressive economic conditions of the era, which had impaired the U.S. banking system.

**FEDERAL HOME LOAN MORTGAGE CORP ("Freddie Mac or FHLMC").** FHLMC is a stockholder-owned, government-sponsored enterprise (GSE) chartered by Congress in 1970 to keep money flowing to mortgage lenders in support of homeownership and rental housing for middle income Americans. The FHLMC purchases, guarantees and securitizes mortgages to form mortgage-backed securities. The mortgage-backed securities that it issues tend to be very liquid and carry a credit rating close to that of U.S. Treasuries.

**FEDERAL NATIONAL MORTGAGE ASSOCIATION ("FNMA").** FNMA, like GNMA, was chartered under the Federal National Mortgage Association Act of 1938. FNMA is a federal corporation working under the auspices of the Department of Housing and Urban Development (HUD). It is the largest single provider of residential mortgage funds in the United States. Fannie Mae, as the corporation is called, is a private stockholder-owned corporation. The corporation's purchases include a variety of adjustable mortgages and second loans, in addition to fixed-rate mortgages. FNMA's securities are also highly liquid and are widely accepted. FNMA assures and guarantees that all security holders will receive timely payment of principal and interest. Fannie Mae is a publicly-traded company which operates under a congressional charter that directs Fannie Mae to channel its efforts into increasing the availability and affordability of homeownership for low-, moderate- and middle-income Americans.

**FEDERAL OPEN MARKET COMMITTEE ("FOMC").** The FOMC consist of seven members of the Federal Reserve Board and five of the 12 Federal Reserve Bank Presidents. The President of the New York Federal Reserve Bank is a permanent member while the other Presidents serve on a rotating basis. The Committee periodically meets to set Federal Reserve guidelines regarding purchases and sales of government securities in the open market as a means of influencing the volume of bank credit and money.

**FEDERAL RESERVE SYSTEM.** Also known as "The Fed." The central bank of the United States created by Congress and consisting of a seven-member Board of Governors in Washington, D.C., 12 regional banks, and about 5,700 commercial banks that are members of the system.

**GOVERNMENT NATIONAL MORTGAGE ASSOCIATIONS ("GNMA" or "Ginnie Mae").** Securities that influence the volume of bank credit that is guaranteed by GNMA and issued by mortgage bankers, commercial banks, savings and loan associations, and other institutions. The full faith and credit of the U.S. Government protect a security holder. Ginnie Mae securities are backed by the FHA, VA, or FMHM mortgages. The term "pass-through" is often used to describe Ginnie Maes.

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**GOVERNMENTAL ACCOUNTING STANDARDS BOARD ("GASB").** An organization whose main purpose is to improve and create accounting reporting standards or generally accepted accounting principles (GAAP). These standards make it easier for users to understand and use the financial records of both state and local governments. The Government Accounting Standards Board (GASB) is funded and monitored by the Financial Accounting Foundation (FAF).

**LIQUIDITY.** A liquid asset is one that can be converted easily and rapidly into cash without a substantial loss of value. In the money market, a security is said to be liquid if the spread between bid and asked prices is narrow, and reasonable size can be done at those quotes.

**LOCKOUT (BOND FEATURE).** The period of time when a security may not be redeemed by the issuer.

**LOCAL AGENCY INVESTMENT FUND ("LAIF").** Monies from local governmental units may be remitted to the California State Treasurer for deposit in this special fund for the purpose of investment.

**MARKET VALUE.** The price at which a security is trading and could presumably be purchased or sold.

**MASTER REPURCHASE AGREEMENT.** A written contract covering all future transactions between the parties to repurchase-reverse repurchase agreements that establishes each party's rights in the transactions. A master agreement will often specify, among other things, the right of the buyer (lender) to liquidate the underlying securities in the event of default by the seller (borrower).

**MATURITY.** The date upon which the principal or stated value of an investment becomes due and payable.

Medium Term Notes - A corporate note continuously offered by a company to investors through a dealer. Investors can choose from differing maturities, ranging from nine months to 30 years.

**MONEY MARKET.** The market in which short-term debt instruments (e.g., bills, commercial paper, and banker's acceptances) are issued and traded.

**OFFER.** The price asked by a seller of securities (when one buys securities, one asks for an offer). See "Asked" and "Bid."

**OPEN MARKET OPERATIONS.** Purchases and sales of government and certain other securities in the open market by the New York Federal Reserve Bank, as directed by the FOMC in order to influence the volume of money and credit in the economy.

Purchases inject reserves into the bank system and stimulate growth of money and credit; sales have the opposite effect. Open market operations are the Federal Reserve's most important and most flexible monetary policy tool.

**PORTFOLIO.** A collection of securities that an investor holds.

**PREMIUM** - A premium is the total cost of an option. The difference between the higher price paid for a fixed-income security and the security's face amount at issue.

**PRIMARY DEALER.** A group of government securities dealers that submit daily reports of market activity and positions, and monthly financial statements to the Federal Reserve Bank of New York, and are subject to its informal oversight. Primary dealers include Securities and Exchange Commission (SEC) — registered securities broker-dealers, banks, and a few unregulated firms.

**PRUDENT INVESTOR RULE.** An investment standard. A fiduciary, such as a trustee, may invest in a security if it is one that would be bought by a prudent investor acting in like capacity, who is seeking reasonable income and preservation of

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capital.

**QUALIFIED PUBLIC DEPOSITORIES.** A financial institution that: (1) does not claim exemption from the payment of any sales, compensating use, or ad valorem taxes under the laws of this State; (2) has segregated for the benefit of the commission eligible collateral having a value of not less than its maximum liability; and (3) has been approved by the Public Deposit Protections Commission to hold public deposits.

**RATE OF RETURN.** The yield obtainable on a security based on its purchase price or its current market price.

**REPURCHASE AGREEMENT ("RP" OR "REPO").** A holder of securities sells them to an investor with an agreement to repurchase the securities at a fixed price on a fixed date. The security "buyer" in effect, lends the "seller" money for the period of the agreement, and the terms of the agreement are structured to compensate him for this. Dealers use RP extensively to finance their positions. Exception: when the Fed is said to be doing RP, it is lending money (increasing bank reserves).

**SAFEKEEPING.** A service to customers rendered by banks for a fee whereby securities and valuables of all types and descriptions are held in the bank's vaults for protection.

**SECONDARY MARKET.** A market made for the purchase and sale of outstanding issues following the initial distribution.

**SECURITIES AND EXCHANGE COMMISSION.** An agency created by Congress to administer securities legislation for the purpose of protecting investors in securities transactions.

**SEC RULE 15c3-1.** See "Uniform Net Capital Rule." SEC Rule 15c3-1 requires broker-dealers to maintain the following minimum net capital requirements in order to offer sufficient protection for the firm's customers:

- \$250,000 for broker-dealers who conduct general securities business and carry customer funds and securities
- \$50,000 for broker-dealers who introduce accounts to another broker-dealer on a fully disclosed basis, receive but do not hold customer securities for delivery to the clearing broker-dealer and do not carry customer accounts
- \$25,000 for broker-dealers that only handle mutual fund transactions and do not hold customer funds or securities
- \$5,000 for broker-dealers who do not directly or indirectly receive securities from customers (known as introducing brokers)

**Step-Up Bond.** A bond that pays an initial coupon rate for the first period, and then a higher coupon rate for the following periods. A step-up bond is one in which subsequent future coupon payments are received at a higher, predetermined amount than previous or current periods. These bonds usually have a callable component.

**STRUCTURED NOTES.** Notes issued by instrumentalities (e.g., FHLB; FNMA, SLMA) and by corporations, that have imbedded options (e.g., call features, step-up coupons, floating rate coupons, derivative-based returns) in their debt structure. The market performance of structured notes is affected by fluctuating interest rates; the volatility of imbedded options; and shifts in the yield curve.

**TREASURY BILLS.** A non-interest-bearing discount security that is issued by the U.S. Treasury to finance the national debt. Most T-bills are issued to mature in three months, six months, or one year.

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**TREASURY BONDS.** Long-term, coupon-bearing U.S. Treasury securities that are issued as direct obligations of the U.S. Government, and having initial maturities of more than 10 years.

**TREASURY NOTES.** Medium-term, coupon-bearing U.S. Treasury securities that are issued as direct obligations of the U.S. Government, and having initial maturities of two to 10 years. U S Notes - A treasury note is a marketable U.S. government debt security with a fixed interest rate and a maturity between one and 10 years. Treasury notes can be bought either directly from the U.S. government or through a bank.

**UNIFORM NET CAPITAL RULE.** SEC requirement that member firms, as well as non-member broker-dealers in securities, maintain a maximum ratio of indebtedness to liquid capital of 15 to one. Also called net capital rule and net capital ratio. Indebtedness covers all money that is owed to a firm, including margin loans and commitments to purchase securities (one reason that new public issues are spread among members of underwriting syndicates). Liquid capital includes cash and assets easily converted to cash.

**YIELD.** The rate of annual income return on an investment, expressed as a percentage. (a) INCOME YIELD is obtained by dividing the current dollar income by the current market price for the security. (b) NET YIELD OR YIELD TO MATURITY is the current income yield minus any premium above par or plus any discount from par in purchase price, with the adjustment spread over the period from the date of purchase to the date of maturity of the bond.

Sources:

[www.investopedia.com](http://www.investopedia.com),

CALIFORNIA DEBT AND INVESTMENT ADVISORY COMMISSION (CDIAC) California Public Fund Investment Primer, December 2009