

C/CAG

City/County Association of Governments of San Mateo County

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Millbrae • Pacifica • Portola Valley • Redwood City • San Bruno • San Carlos • San Mateo • San Mateo County • South San Francisco • Woodside

C/CAG FINANCE COMMITTEE AGENDA

Date: Wednesday, August 22, 2018

Time: 12:00 noon – 1:00 p.m.
(Lunch will be provided at the Redwood City location)

Place: County Government Center
555 County Center, Fifth Floor
Conference Room One
Redwood City, CA

1. CALL TO ORDER
2. PUBLIC COMMENT ON RELATED ITEMS NOT ON THE AGENDA
Note: Public comment is limited to two minutes per speaker.
3. Approval of minutes of May 23, 2018 meeting. (Action)
4. Receive copies of monthly investment statements for April, May, and June 2018. (Information)
5. Review of the quarterly investment report and recommend modifications to the C/CAG investment portfolio as needed. (Action)
6. Review and recommend approval of the C/CAG Investment Policy update. (Action)
7. ADJOURN

PUBLIC NOTICING: All notices of C/CAG Board and Committee meetings will be posted at San Mateo County Transit District Office, 1250 San Carlos Ave., San Carlos, CA.

For questions about the agenda call Sandy Wong at 650 599.1409 or Jean Higaki at 650 599.1462.

**CITY/COUNTY ASSOCIATION OF GOVERNMENTS
FINANCE COMMITTEE
MEETING MINUTES
May 23, 2018**

Committee Members Attending:

Maryann Moise Derwin (Town of Portola Valley)
Ann Wengert (Town of Portola Valley)
Marie Chuang (Town of Hillsborough)
Bob Grassilli (City of San Carlos)

Guests or Staff Attending:

Sandy Wong, Jean Higaki - C/CAG Staff
Carrie Tam - San Carlos Financial Services Manager

1. Call to order

At 12:05 P.M. Finance Committee meeting was called to order.

2. Public comment on related items not on the agenda.

None

3. Approval of minutes of February 28, 2018 meeting. (Action)

Member Wengert moved and member Derwin seconded approval of the minutes. Motioned passed 3-0. Member Chuang abstained.

4. Receive copies of monthly investment statements for January, February, and March 2018. (Information)

Finance committee members reviewed the investment statements and cash flow reports and had no comments.

5. Review of the quarterly investment report and recommend modifications to the C/CAG investment portfolio as needed. (Action)

Staff provided the latest LAIF investment reports per an earlier request from member Benton. The committee observed that LAIF and the County Pool performed about the same and that they saw no need to modify the portfolio.

Member Grassilli moved to recommend no change to the portfolio. Member Chuang seconded.

Motioned passed unanimously.

6. Review of the Draft Other Post-Employment Benefits (OPEB) Actuarial Valuation as of July 1, 2017 and recommend prefunding of OPEB through CERBT of CalPERS for fiscal year 2017-18

Staff presented the recommendation to fund the OPEB contribution for fiscal year 2017-18. Staff explained how OPEB benefits were prefunded in the last few years through a PERS trust account and how an actuarial valuation is performed every two years. Clarification was provided regarding the reduced subsidy credit resulting from retiree's Medicare eligibility. There was a request to analyze cost and potential savings to fully prefund the OPEB liabilities instead of making annual contributions to CalPERS each year. It was too late to make that analysis for the June Board meeting, but staff can provide that analysis in the future.

Member Wengert moved to recommend that the Board prefund the OPEB 2017-18 contribution in the amount of \$44,631 and direct staff to perform an analysis of fully prefunding the OPEB liabilities at a future meeting. Member Chuang seconded. Motioned passed unanimously.

7. Review the draft final C/CAG Program Budget and Member Fees for Fiscal Year 2018-2019

The draft budget was presented to the C/CAG Board in April. There is a slight difference in the Board presented version due to the correction of projected numbers to actuals to account for some additional recent invoices. A correction was pointed out that the beginning and end balance incorporated reserves which should not have been included. That correction will be made in the final budget. The general fund balance is in better shape however the NPDES fund will have issues in the future as requirements increase without an increase in funding.

Staff distributed a spreadsheet showing fund balances, reserves, and fund commitments for discussion purposes. Measure M has a high balance because there is 6 months of accumulation of funds that is collected prior to sending out a notice to cities to claim.

Member Derwin moved to recommend that the Board adopt the C/CAG Program Budget and Member Fees for Fiscal Year 2018-2019. Member Chuang seconded. Motioned passed unanimously.

8. Adjournment

The meeting adjourned at approximately 1:05 P.M.

C/CAG AGENDA REPORT

Date: August 22, 2018

To: C/CAG Finance Committee

From: Sandy Wong, Executive Director

Subject: Receive copies of monthly investment statements for April, May, and June 2018.

(For further information or questions contact Jean Higaki at 599-1462)

RECOMMENDATION

That the C/CAG Finance Committee receives copies of monthly investment statements for April, May, and June 2018.

FISCAL IMPACT

None

SOURCE OF FUNDS

C/CAG funds are held by the C/CAG Financial Agent (City of San Carlos).

BACKGROUND

The current C/CAG Investment Policy states that the C/CAG Finance Committee shall analyze investment portfolio at least every quarter. Attached are the monthly statements for C/CAG investment funds for the quarter ending on June 30, 2018.

ATTACHMENTS

1. C/CAG's Monthly Major Cash Inflows and Outflows, LAIF, and SMC Investment Fund Summary for April, May, and June 2018
2. LAIF Performance Report Quarter Ending June 30, 2018
3. County Summary of Pool Earnings for April, May, and June 2018

April Cash Flow

CITY & COUNTY ASSOCIATION OF GOVERNMENTS
Recap of Monthly Major Cash Inflows and Outflows
for Quarter Ended June 30, 2018

Major Cash Inflows and Outflows

Month	Program	From/To	Amount - In/(Out)
April 2018	Beginning book balance (Checking)		1,814,601
	Measure M	DMV	626,515
	Congestion Relief & Management	Caltrans	46,189
	NPDES	San Mateo County	310,814
	Energy Watch	PG&E	59,526
	All other Receipts (3)	various	2,999
		Total April Cash Inflow	1,046,044
	Measure M	EOA Inc., Cities: Pacifica, Redwood City, Daly City, and Foster City, Town of Hillsborough, and County of San Mateo	(688,866)
	Smart Corridor	Kimley-Horn and Redwood City	(4,664)
		Gary Bowen Scott, CDM Smith, Kearns & West, Inc., Unnasch Stefan, Scoop Technologies, Redwood City, San Mateo County, and San Mateo County	
	Congestion Relief & Management	Housing	(269,275)
	Bay Area Air Quality	Redwood City and County of San Mateo	(5,255)
		Groner S Assoc., CASQA, EOA Inc., Shaw/Yoder/Antwih, Larry Walker Assoc.,	
	NPDES	Cities: Brisbane and Redwood City, and County of San Mateo	(213,846)
	Energy Watch	DNV GL Services, Redwood City, and County of San Mateo	(32,625)
	AB1546	EOA Inc. and Larry Walker Assoc.	(27,684)
	All other payments (34)	various	(62,038)
		Total April Cash Outflow	(1,304,251)
		Net Cash Inflow/(Outflow)	(258,207)
	Ending book balance (Checking)		1,556,394

April LAIF Statement

Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

www.treasurer.ca.gov/pmia-laif/laif.asp
May 01, 2018

CITY/COUNTY ASSOCIATION OF GOVERNMENTS
OF SAN MATEO COUNTY
FINANCE OFFICER
600 ELM STREET
SAN CARLOS, CA 94070

PMIA Average Monthly Yields

Account Number:
40-41-004

Tran Type Definitions

April 2018 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
4/13/2018	4/12/2018	QRD	1566450	SYSTEM	51,286.33

Account Summary

Total Deposit:	51,286.33	Beginning Balance:	13,637,605.63
Total Withdrawal:	0.00	Ending Balance:	13,688,891.96

April County Pool Statement



San Mateo County Treasurer
555 County Center
Redwood City, 94063
(650) 363-4978 or (650) 599-7206

Statement Ending Date: 4/30/2018
Account: 03412

STATEMENT OF ACCOUNT

San Carlos/County Association of Governors

DATE	DESCRIPTION	DEBITS	CREDITS	ACCOUNT BALANCE
3/31/2018	Balance brought forward		\$9,117,611.38	\$9,117,611.38
4/1/2018	Interest allocation		\$33,142.08	\$9,150,753.46
4/30/2018	Ending Balance			\$9,150,753.46

May Cash Flow

CITY & COUNTY ASSOCIATION OF GOVERNMENTS
 Recap of Monthly Major Cash Inflows and Outflows
 for Quarter Ended June 30, 2018

Major Cash Inflows and Outflows

Month	Program	From/To	Amount - In/(Out)
May 2018	Beginning book balance (Checking)		1,556,394
	NPDES	Cities: San Mateo and Brisbane, Towns: Woodside and Colma	129,520
	Measure M	DMV	680,875
	All other Receipts (2)	various	2,985
	Transfer	LAIF	500,000
		Total May Cash Inflow	1,313,380
	Measure M	Town of Woodside, Cities: San Bruno, San Carlos, San Mateo, Menlo Park, and Redwood City, and County of San Mateo	(803,978)
	Congestion Relief & Mgmt	Gary Bowen Scott, CDM Smith, Kearns & West, Inc., Commute.org, Shaw/Yoder/Antwih, Scoop Technologies, Redwood City, and San Mateo County	(376,166)
	NPDES	Groner S Assoc., Redwood City, and County of San Mateo	(45,770)
	Energy Watch	DNV GL Services, Redwood City, and County of San Mateo	(31,834)
	Smart Corridor	Aegis, Iteris, Kimley-Horn & Assoc., and Redwood City	(14,424)
	Bay Area Air Quality	Commute.org and County of San Mateo	(151,565)
	All other payments (25)	various	(23,909)
		Total May Cash Outflow	(1,447,645)
		Net Cash Inflow/(Outflow)	(134,265)
	Ending book balance (Checking)		1,422,129

May LAIF Statement

Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

www.treasurer.ca.gov/pmia-laif/laif.asp
June 01, 2018

CITY/COUNTY ASSOCIATION OF GOVERNMENTS
OF SAN MATEO COUNTY
FINANCE OFFICER
600 ELM STREET
SAN CARLOS, CA 94070

PMIA Average Monthly Yields

Account Number:
40-41-004

Tran Type Definitions

May 2018 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
5/10/2018	5/10/2018	RW	1570404	CARRIE TAM	-500,000.00

Account Summary

Total Deposit:	0.00	Beginning Balance:	13,688,891.96
Total Withdrawal:	-500,000.00	Ending Balance:	13,188,891.96

May County Pool Statement



San Mateo County Treasurer
 555 County Center
 Redwood City, 94063
 (650) 363-4978 or (650) 599-7206

Statement Ending Date: 5/31/2018
 Account: 03412

STATEMENT OF ACCOUNT

City/County Association of Governments

DATE	DESCRIPTION	DEBITS	CREDITS	ACCOUNT BALANCE
4/30/2018	Balance brought forward		\$9,150,753.46	\$9,150,753.46
5/31/2018	Ending Balance			\$9,150,753.46

June Cash Flow

CITY & COUNTY ASSOCIATION OF GOVERNMENTS
Recap of Monthly Major Cash Inflows and Outflows
for Quarter Ended June 30, 2018

Major Cash Inflows and Outflows

Month	Program	From/To	Amount - In/(Out)
June	Beginning book balance (Checking)		1,422,129
2018	Measure M	DMV	637,890
	Congestion Relief & Management	MTC and CALTRANS	398,922
	Bay Area Air Quality	Bay Area Air Quality Management District	533,758
	Energy Watch	PG&E	63,374
	NPDES	San Mateo County	149,237
	All other Receipts (4)	various	4,292
		Total June Cash Inflow	<u>1,787,473</u>
	Measure M	Cities: South San Francisco, Daly City, County of San Mateo, and EOA Inc.	(347,522)
	Congestion Relief & Management	Gary Bowen Scott, CDM Smith, Scoop Technologies, and San Mateo County Groner S Assoc., Urban Rain Design, EOA Inc., Larry Walker Assoc., and	(189,078)
	NPDES	Counties: San Mateo and Alameda	(169,218)
	Smart Corridor	Kimley-Horn & Assoc.	(6,003)
	Energy Watch	DNV GL Services, and County of San Mateo	(41,975)
	AB1546	EOA Inc. and Larry Walker Assoc.	(20,568)
	All other payments (24)	various	(64,951)
	Transfer	San Mateo County Pool	(200,000)
	Transfer	LAIF	(800,000)
		Total June Cash Outflow	<u>(1,839,316)</u>
		Net Cash Inflow/(Outflow)	<u>(51,843)</u>
	Ending book balance (Checking)		<u>1,370,285</u>

June LAIF Statement

Local Agency Investment Fund
 P.O. Box 942809
 Sacramento, CA 94209-0001
 (916) 653-3001

www.treasurer.ca.gov/pmia-laif/laif.asp

July 03, 2018

CITY/COUNTY ASSOCIATION OF GOVERNMENTS
 OF SAN MATEO COUNTY
 FINANCE OFFICER
 600 ELM STREET
 SAN CARLOS, CA 94070

PMIA Average Monthly Yields

Account Number:
 40-41-004

Tran Type Definitions

June 2018 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
6/26/2018	6/25/2018	RD	1573490	CARRIE TAM	800,000.00

Account Summary

Total Deposit:	800,000.00	Beginning Balance:	13,188,891.96
Total Withdrawal:	0.00	Ending Balance:	13,988,891.96

June County Pool Statement



San Mateo County Treasurer
555 County Center
Redwood City, 94063
(650) 363-4978 or (650) 599-7206

Statement Ending Date: 6/30/2018
Account: 03412

STATEMENT OF ACCOUNT

City/County Association of Governments

DATE	DESCRIPTION	DEBITS	CREDITS	ACCOUNT BALANCE
5/31/2018	Balance brought forward		\$9,150,753.46	\$9,150,753.46
6/27/2018	CAGS		\$200,000.00	\$9,350,753.46
6/30/2018	Ending Balance			\$9,350,753.46



**JOHN CHIANG
TREASURER
STATE OF CALIFORNIA**



PMIA Performance Report

Date	Daily Yield*	Quarter to Date Yield	Average Maturity (in days)
07/09/18	1.93	1.93	191
07/10/18	1.93	1.93	192
07/11/18	1.93	1.93	191
07/12/18	1.94	1.93	189
07/13/18	1.94	1.93	190
07/14/18	1.94	1.93	190
07/15/18	1.94	1.93	190
07/16/18	1.94	1.93	188
07/17/18	1.94	1.93	187
07/18/18	1.94	1.93	187
07/19/18	1.95	1.93	189
07/20/18	1.95	1.94	188
07/21/18	1.95	1.94	188
07/22/18	1.95	1.94	188
07/23/18	1.95	1.94	186
07/24/18	1.95	1.94	190
07/25/18	1.96	1.94	189
07/26/18	1.96	1.94	188
07/27/18	1.96	1.94	190
07/28/18	1.96	1.94	190
07/29/18	1.96	1.94	190
07/30/18	1.96	1.94	190
07/31/18	1.98	1.94	194
08/01/18	1.98	1.95	199
08/02/18	1.98	1.95	198
08/03/18	1.98	1.95	197
08/04/18	1.98	1.95	197
08/05/18	1.98	1.95	197
08/06/18	1.98	1.95	197
08/07/18	1.98	1.95	195
08/08/18	1.98	1.95	195

*Daily yield does not reflect capital gains or losses

[View Prior Month Daily Rates](#)

LAIF Performance Report

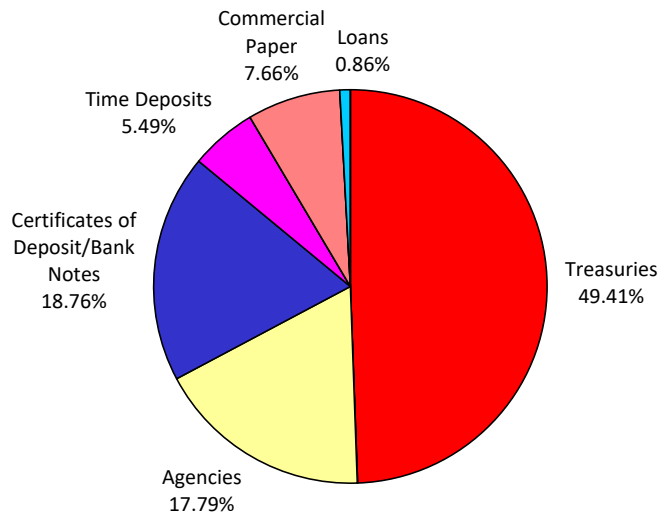
Quarter Ending 06/30/18

Apportionment Rate: 1.90%
 Earnings Ratio: 0.00005216919081336
 Fair Value Factor: 0.998126869
 Daily: 1.92%
 Quarter to Date: 1.76%
 Average Life: 193

PMIA Average Monthly Effective Yields

July 2018 1.944
 June 2018 1.854
 May 2018 1.755

**Pooled Money Investment Account
Portfolio Composition
07/31/18
\$90.0 billion**



Based on data available as of 8/8/2018



California State Treasurer
John Chiang



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POOLED MONEY INVESTMENT ACCOUNT

PMIA Average Monthly Effective Yields

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	5.770	5.660	5.660	5.650	5.760	5.850	5.930	6.050	6.090	6.090	6.610	6.730
1978	6.920	7.050	7.140	7.270	7.386	7.569	7.652	7.821	7.871	8.110	8.286	8.769
1979	8.777	8.904	8.820	9.082	9.046	9.224	9.202	9.528	9.259	9.814	10.223	10.218
1980	10.980	11.251	11.490	11.480	12.017	11.798	10.206	9.870	9.945	10.056	10.426	10.961
1981	10.987	11.686	11.130	11.475	12.179	11.442	12.346	12.844	12.059	12.397	11.887	11.484
1982	11.683	12.044	11.835	11.773	12.270	11.994	12.235	11.909	11.151	11.111	10.704	10.401
1983	10.251	9.887	9.688	9.868	9.527	9.600	9.879	10.076	10.202	10.182	10.164	10.227
1984	10.312	10.280	10.382	10.594	10.843	11.119	11.355	11.557	11.597	11.681	11.474	11.024
1985	10.579	10.289	10.118	10.025	10.180	9.743	9.656	9.417	9.572	9.482	9.488	9.371
1986	9.252	9.090	8.958	8.621	8.369	8.225	8.141	7.844	7.512	7.586	7.432	7.439
1987	7.365	7.157	7.205	7.044	7.294	7.289	7.464	7.562	7.712	7.825	8.121	8.071
1988	8.078	8.050	7.945	7.940	7.815	7.929	8.089	8.245	8.341	8.397	8.467	8.563
1989	8.698	8.770	8.870	8.992	9.227	9.204	9.056	8.833	8.801	8.771	8.685	8.645
1990	8.571	8.538	8.506	8.497	8.531	8.538	8.517	8.382	8.333	8.321	8.269	8.279
1991	8.164	8.002	7.775	7.666	7.374	7.169	7.098	7.072	6.859	6.719	6.591	6.318
1992	6.122	5.863	5.680	5.692	5.379	5.323	5.235	4.958	4.760	4.730	4.659	4.647
1993	4.678	4.649	4.624	4.605	4.427	4.554	4.438	4.472	4.430	4.380	4.365	4.384
1994	4.359	4.176	4.248	4.333	4.434	4.623	4.823	4.989	5.106	5.243	5.380	5.528
1995	5.612	5.779	5.934	5.960	6.008	5.997	5.972	5.910	5.832	5.784	5.805	5.748
1996	5.698	5.643	5.557	5.538	5.502	5.548	5.587	5.566	5.601	5.601	5.599	5.574
1997	5.583	5.575	5.580	5.612	5.634	5.667	5.679	5.690	5.707	5.705	5.715	5.744
1998	5.742	5.720	5.680	5.672	5.673	5.671	5.652	5.652	5.639	5.557	5.492	5.374
1999	5.265	5.210	5.136	5.119	5.086	5.095	5.178	5.225	5.274	5.391	5.484	5.639
2000	5.760	5.824	5.851	6.014	6.190	6.349	6.443	6.505	6.502	6.517	6.538	6.535
2001	6.372	6.169	5.976	5.760	5.328	4.958	4.635	4.502	4.288	3.785	3.526	3.261
2002	3.068	2.967	2.861	2.845	2.740	2.687	2.714	2.594	2.604	2.487	2.301	2.201
2003	2.103	1.945	1.904	1.858	1.769	1.697	1.653	1.632	1.635	1.596	1.572	1.545
2004	1.528	1.440	1.474	1.445	1.426	1.469	1.604	1.672	1.771	1.890	2.003	2.134
2005	2.264	2.368	2.542	2.724	2.856	2.967	3.083	3.179	3.324	3.458	3.636	3.808
2006	3.955	4.043	4.142	4.305	4.563	4.700	4.849	4.946	5.023	5.098	5.125	5.129
2007	5.156	5.181	5.214	5.222	5.248	5.250	5.255	5.253	5.231	5.137	4.962	4.801
2008	4.620	4.161	3.777	3.400	3.072	2.894	2.787	2.779	2.774	2.709	2.568	2.353
2009	2.046	1.869	1.822	1.607	1.530	1.377	1.035	0.925	0.750	0.646	0.611	0.569
2010	0.558	0.577	0.547	0.588	0.560	0.528	0.531	0.513	0.500	0.480	0.454	0.462
2011	0.538	0.512	0.500	0.588	0.413	0.448	0.381	0.408	0.378	0.385	0.401	0.382
2012	0.385	0.389	0.383	0.367	0.363	0.358	0.363	0.377	0.348	0.340	0.324	0.326
2013	0.300	0.286	0.285	0.264	0.245	0.244	0.267	0.271	0.257	0.266	0.263	0.264
2014	0.244	0.236	0.236	0.233	0.228	0.228	0.244	0.260	0.246	0.261	0.261	0.267
2015	0.262	0.266	0.278	0.283	0.290	0.299	0.320	0.330	0.337	0.357	0.374	0.400
2016	0.446	0.467	0.506	0.525	0.552	0.576	0.588	0.614	0.634	0.654	0.678	0.719
2017	0.751	0.777	0.821	0.884	0.925	0.978	1.051	1.084	1.111	1.143	1.172	1.239
2018	1.350	1.412	1.524	1.661	1.755	1.854	1.944					

**COUNTY OF SAN MATEO
ESTIMATED SUMMARY OF POOL EARNINGS
APRIL 2018**

	<u>Par Value</u>	<u>Gross Earnings</u>
<u>Fixed Income Securities Maturing > 1 year</u>		
U S Treasury Notes	600,000,000	\$571,780.93
U.S. Instrumentalities	65,000,000	\$80,077.84
Federal Agencies	413,805,000	466,838.51
Corporate Notes	105,000,000	131,501.84
Floating Rate Securities	256,200,000	362,468.98
	1,440,005,000	\$1,612,668.10
<u>Short Term Securities Maturing < 1 year</u>		
U S Treasury Notes	325,000,000	389,454.34
U.S. Instrumentalities	258,637,000	299,386.20
Federal Agencies	549,815,000	547,975.82
Corporate Notes	143,000,000	181,737.72
Floating Rate Securities	135,000,000	160,968.35
LAIF	65,000,000	93,493.15
Commercial Paper	1,328,800,000	1,995,407.76
Certificate of Deposit	185,000,000	276,705.68
U S Treasury Bills	596,000,000	664,472.22
Repurchase Agreements	219,500,000	10,487.22
	3,805,752,000	\$4,620,088.46
Total Accrued Interest	5,245,757,000	\$6,232,756.56
<u>Realized Gain/Loss & Interest Received</u>		
U S Treasury Notes		\$353,499.79
U.S. Instrumentalities		\$23,243.50
Federal Agencies		171,423.17
Corporate Notes		31,932.90
Floating Rate Securities		174,966.90
LAIF		25,599.74
Commercial Paper		131,924.30
Certificate of Deposit		7,682.46
Repurchase Agreements		269,950.02
Total Realized Income		\$1,190,222.78
TOTAL DOLLAR EARNINGS		\$7,422,979.34

AVERAGE BALANCE		\$5,284,348,057.10
GROSS EARNINGS RATE / GROSS DOLLAR EARNINGS	1.709%	\$7,422,979.34
ADMINISTRATION FEES		(\$456,046.48)
NET EARNINGS RATE / NET DOLLAR EARNINGS	1.604%	\$6,966,932.86

**COUNTY OF SAN MATEO
ESTIMATED SUMMARY OF POOL EARNINGS
MAY 2018**

	<u>Par Value</u>	<u>Gross Earnings</u>
<u>Fixed Income Securities Maturing > 1 year</u>		
U S Treasury Notes	550,000,000	\$663,085.97
U.S. Instrumentalities	65,000,000	\$76,034.78
Federal Agencies	428,805,000	452,302.20
Corporate Notes	95,000,000	154,145.50
Floating Rate Securities	264,000,000	552,522.63
	1,402,805,000	\$1,898,091.08
<u>Short Term Securities Maturing < 1 year</u>		
U S Treasury Notes	181,000,000	248,059.51
U.S. Instrumentalities	323,637,000	361,364.83
Federal Agencies	613,025,000	623,810.29
Corporate Notes	110,000,000	122,119.49
Floating Rate Securities	107,200,000	171,402.79
LAIF	65,000,000	96,609.59
Commercial Paper	1,292,150,000	2,065,644.71
Certificate of Deposit	260,000,000	245,046.42
U S Treasury Bills	646,500,000	939,381.60
Repurchase Agreements	159,250,000	7,829.79
	3,757,762,000	\$4,881,269.02
Total Accrued Interest	5,160,567,000	\$6,779,360.10
<u>Realized Gain/Loss & Interest Received</u>		
U S Treasury Notes		\$412,534.59
U.S. Instrumentalities		\$46,753.34
Federal Agencies		136,895.99
Corporate Notes		52,285.26
Floating Rate Securities		88,644.07
Commercial Paper		188,038.88
Certificate of Deposit		72,173.16
U S Treasury Bills		18,016.68
Repurchase Agreements		251,383.41
Total Realized Income		\$1,266,725.38
TOTAL DOLLAR EARNINGS		\$8,046,085.48

AVERAGE BALANCE		\$5,182,578,389.32
GROSS EARNINGS RATE / GROSS DOLLAR EARNINGS	1.828%	\$8,046,085.48
ADMINISTRATION FEES		(\$462,172.40)
NET EARNINGS RATE / NET DOLLAR EARNINGS	1.723%	\$7,583,913.08

**COUNTY OF SAN MATEO
ESTIMATED SUMMARY OF POOL EARNINGS
JUNE 2018**

	<u>Par Value</u>	<u>Gross Earnings</u>
<u>Fixed Income Securities Maturing > 1 year</u>		
U S Treasury Notes	550,000,000	\$636,818.72
U.S. Instrumentalities	75,000,000	\$109,647.90
Federal Agencies	418,805,000	521,167.89
Corporate Notes	80,000,000	127,751.57
Floating Rate Securities	254,000,000	530,206.22
	1,377,805,000	\$1,925,592.30
<u>Short Term Securities Maturing < 1 year</u>		
U S Treasury Notes	281,000,000	291,978.60
U.S. Instrumentalities	455,637,000	534,579.32
Federal Agencies	403,410,000	412,439.78
Corporate Notes	115,000,000	149,432.72
Floating Rate Securities	97,200,000	146,414.23
LAIF	65,000,000	93,493.15
Commercial Paper	1,029,050,000	1,623,573.17
Certificate of Deposit	260,000,000	429,552.00
U S Treasury Bills	588,500,000	812,925.97
Repurchase Agreements	204,000,000	23,233.33
	3,498,797,000	\$4,517,622.27
Total Accrued Interest	4,876,602,000	\$6,443,214.57
<u>Realized Gain/Loss & Interest Received</u>		
U S Treasury Notes		\$88,591.25
U.S. Instrumentalities		\$42,998.34
Federal Agencies		340,376.77
Corporate Notes		10,131.54
Floating Rate Securities		91,319.99
Commercial Paper		345,749.20
Certificate of Deposit		47,906.28
U S Treasury Bills		115,370.91
Repurchase Agreements		207,539.41
Total Realized Income		\$1,289,983.69
TOTAL DOLLAR EARNINGS		\$7,733,198.26

AVERAGE BALANCE		\$4,984,419,300.63
GROSS EARNINGS RATE / GROSS DOLLAR EARNINGS	1.888%	\$7,733,198.26
ADMINISTRATION FEES		(\$215,081.11)
NET EARNINGS RATE / NET DOLLAR EARNINGS	1.835%	\$7,518,117.15

C/CAG AGENDA REPORT

Date: August 22, 2018
To: C/CAG Finance Committee
From: Sandy Wong, Executive Director
Subject: Review of the quarterly investment report and recommend modifications to the C/CAG investment portfolio as needed.

(For further information or response to questions, contact Jean Higaki at 599-1462)

RECOMMENDATION

That the C/CAG Finance Committee review of the quarterly investment report and recommend modifications to the C/CAG investment portfolio as needed.

FISCAL IMPACT

Potential for higher or lower yields and risk associated with C/CAG investments.

SOURCE OF FUNDS

The Investment Policy applies to all C/CAG funds held by the C/CAG Financial Agent (City of San Carlos).

BACKGROUND

According to the C/CAG Investment Policy adopted on September 14, 2017:

“The portfolio should be analyzed not less than quarterly by the C/CAG Finance Committee, and modified as appropriate periodically as recommended by the Finance Committee and approved by the C/CAG Board, to respond to changing circumstances in order to achieve the Safety of Principal.”

The Finance Committee will seek to provide a balance between the various investments and maturities in order to give C/CAG the optimum combination of Safety of Principal, necessary liquidity, and optimal yield based on cash flow projections.

A summary of the April, May, and June 2018 earning rates are as follows:

	Local Agency Investment Fund (LAIF)	San Mateo County Investment Pool (COPOOL)
April	1.661%	1.604%
May	1.755%	1.723%
June	1.854%	1.835%

On November 14, 2013 the C/CAG Board approved the C/CAG investment portfolio as follows:

Local Agency Investment Fund (LAIF) 50% to 70%
San Mateo County Investment Pool (COPOOL) 30% to 50%

At the November 20, 2015 CCAG Finance Committee meeting, the Committee set a goal to keep the investment with the County at 40%-42% of the total pooled investment to earn higher interest.

On May 23, 2018, the Finance Committee reviewed the investment portfolio and recommended no change to the investment portfolio. On June 14, 2018, the C/CAG Board approved of no change to the investment portfolio.

The investment portfolio as of June 30, 2018 is as follows:

	3/31/2018		6/30/2018	
	Amount	Percent	Amount	Percent
LAIF	\$13,637,606	60%	\$13,988,892	60%
COPOOL	\$9,117,611	40%	\$9,350,753	40%
Total	\$22,755,217	100%	\$23,339,645	100%

ATTACHMENTS

1. Quarterly Investment Report as of June 30, 2018 from San Carlos

C/CAG
CITY/COUNTY ASSOCIATION OF GOVERNMENTS
of San Mateo County

Board of Directors Agenda Report

To: Sandy Wong, Executive Director
From: Carrie Tam, Financial Services Manager
Date: August 22, 2018

SUBJECT: Quarterly Investment Report as of June 30, 2018

RECOMMENDATION:

It is recommended that the C/CAG Board review and accept the Quarterly Investment Report.

ANALYSIS:

The attached investment report indicates that on June 30, 2018, funds in the amount of \$23,339,645 were invested producing a weighted average yield of 1.84%. Of the total investment portfolio, 59.9% of funds were invested in the Local Agency Investment Fund (LAIF) and 40.1% in the San Mateo County Investment Pool (COPOOL). These percentages are within the range specified by the CCAG Board. Accrued interest earnings for this quarter totaled \$103,868. At the CCAG Finance Committee meeting on November 20, 2015, the Committee set a goal to keep the investment with the County at 40%-42% of the total pooled investment to earn higher interest. The portfolio mix reflects the recommended percentage invested in the County Investment Pool.

Below is a summary of the changes from the prior quarter:

	Qtr Ended 6/30/18	Qtr Ended 3/31/18	Increase (Decrease)
Total Portfolio	\$ 23,339,645	\$ 22,755,217	\$ 584,428
Weighted Average Yield	1.84%	1.47%	0.37%
Accrued Interest Earnings	\$ 103,868	\$ 84,428	\$ 19,440

There was an increase of \$0.58M in the portfolio balance this quarter compared to the previous quarter mainly due to cash receipts offset by cash disbursements in the fourth quarter for Measure M, NPDES, and Bay Area Air Quality Management. A more detailed list of the payments made in the fourth quarter can be found in the attached monthly "Major Cash Inflows and Outflows" report. The slightly higher weighted average yield resulted in slightly higher interest earnings for this quarter.

Historical cash flow trends are compared to current cash flow requirements on an ongoing basis to ensure that C/CAG's investment portfolio will remain sufficiently liquid to meet all reasonably anticipated operating requirements. As of June 30, 2018, the portfolio contains sufficient liquidity to meet the next six months of expected expenditures by C/CAG. All investments are in compliance with the Investment Policy. Attachment 2 shows a historical comparison of the portfolio for the past nine quarters.

The primary objective of the investment policy of the CCAG remains to be the SAFETY OF PRINCIPAL. The permitted investments section of the investment policy also states:

Local Agency Investment Fund (LAIF) which is a State of California managed investment pool, and San Mateo County Investment pool, may be used up to the maximum permitted by California State Law. A review of the pool/fund is required when they are part of the list of authorized investments.

The Investment Advisory Committee has reviewed and approved the attached Investment Report.

Attachments

- 1 – Investment Portfolio Summary for the Quarter Ended June 30, 2018
- 2 – Historical Summary of Investment Portfolio

CITY & COUNTY ASSOCIATION OF GOVERNMENTS

SUMMARY OF ALL INVESTMENTS

For Quarter Ending June 30, 2018

Category	Weighted Average Interest Rate	Historical Book Value	% of Portfolio	GASB 31 ADJ Market Value
Liquid Investments:				
Local Agency Investment Fund (LAIF)	1.90%	13,988,892	59.9%	13,962,689
San Mateo County Investment Pool (COPOOL)	1.75%	9,350,753	40.1%	9,308,488
Agency Securities				
<i>none</i>				
Total - Investments	1.84%	23,339,645	100%	23,271,177
GRAND TOTAL OF PORTFOLIO	1.84%	\$ 23,339,645	100%	\$ 23,271,177
Total Interest Earned This Quarter				103,868
Total Interest Earned (Loss) Fiscal Year-to-Date				318,485

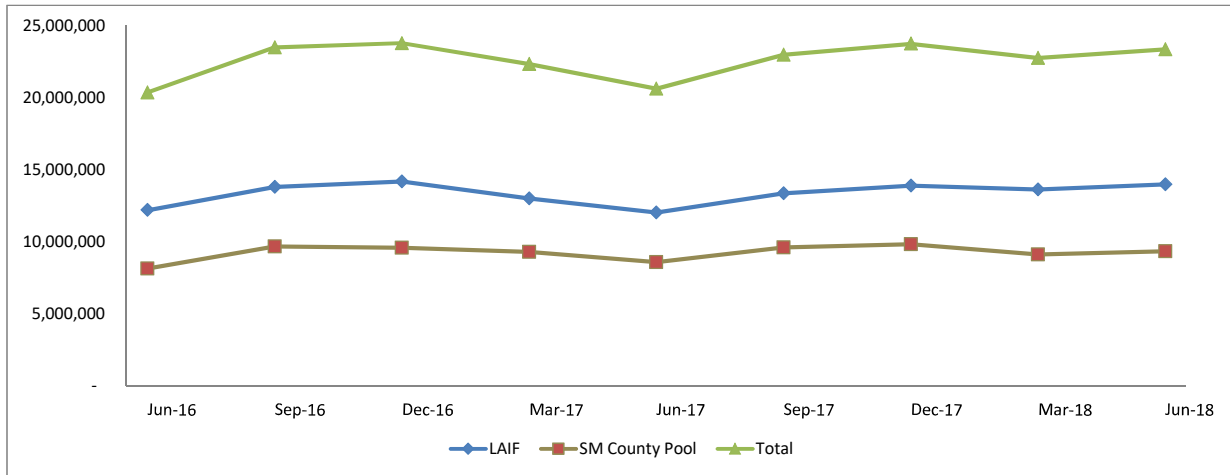
Note: CCAG Board approved the following investment portfolio mix at its November 14, 2013 meeting:

LAIF - 50% to 70%
COPOOL - 30% to 50%

At the CCAG Finance Committee meeting on November 20, 2015, the Committee set a goal to keep the investment with the County at 40%-42% of the total pooled investment to earn higher interest.

*Difference in value between Historical Value and Market Value may be due to timing of purchase. Investments in the investment pools may have been purchased when interest rates were lower or higher than the end date of this report. As interest rates increase or decrease, the value of the investment pools will decrease or increase accordingly. However, interest rate fluctuations does not have any impact to CCAG's balance in the investment pools. The market values are presented as a reference only.

**City and County Association of Governments
Historical Summary of Investment Portfolio
June 30, 2018**



Note: The chart type has been changed from Column to Line after receiving feedback from CCAG's Finance Committee

City/County Association of Governments Investment Portfolio

	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Jun-18
LAIF	12,200,510	13,817,524	14,186,530	13,010,532	12,034,768	13,363,368	13,896,995	13,637,606	13,988,892
SM County Pool	8,154,442	9,672,516	9,591,037	9,313,634	8,586,974	9,611,660	9,838,593	9,117,611	9,350,753
Total	20,354,952	23,490,040	23,777,567	22,324,166	20,621,742	22,975,028	23,735,588	22,755,217	23,339,645

At the CCAG Finance Committee meeting in November 2015, the Committee set a goal to keep the investment with the County at 40%-42% of the total pooled investment to earn higher interest.

C/CAG AGENDA REPORT

Date: August 22, 2018
To: C/CAG Finance Committee
From: Sandy Wong, Executive Director
Subject: Review and recommend approval of the C/CAG Investment Policy update.

(For further information or questions contact Jean Higaki at 599-1462)

RECOMMENDATION

That the C/CAG Finance Committee review and recommend approval of the C/CAG Investment Policy annual update.

FISCAL IMPACT

Adoption of the Investment Policy will affect the return on investments and impact the safety of the principal.

SOURCE OF FUNDS

The Investment Policy applies to all C/CAG funds held by the C/CAG Financial Agent (City of San Carlos).

BACKGROUND

On September 14, 2017 the C/CAG Board approved the annual update of the C/CAG Investment Policy as recommended by the Finance Committee. The C/CAG Investment Policy stated that the policy shall be reviewed at least annually, and that it shall be adopted by resolution of the C/CAG Board on an annual basis.

Proposed modification to the C/CAG Investment Policy is attached, with track changes.

ATTACHMENTS

1. Draft update of the C/CAG Investment Policy (with track changes)

**CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY
(C/CAG)**

INVESTMENT POLICY

Adopted on, September ~~14~~13, ~~2017~~2018

POLICY

The investment of the funds of the City and County Association of Governments (C/CAG) is directed to the goals of safety, liquidity and yield. This Investment Policy incorporates the policies defined by the certified investment policy standards recommended by the Association of Public Treasurers. The authority governing investments for municipal governments is set forth in the California Government Code, Sections 53601 through 53659. C/CAG's portfolio shall be designed and managed in a manner responsive to the public trust and consistent with state and local law.

The three objectives, in priority order, of the investment policy of the City and County Association of Governments are:

- 1- **SAFETY OF PRINCIPAL** - The primary objective of the investment policy of the City and County Association of Governments is SAFETY OF PRINCIPAL. Investments shall be placed in those securities as outlined by type and maturity sector in this document to achieve this objective. The portfolio should be analyzed not less than quarterly by the C/CAG Finance Committee and modified as appropriate periodically as recommended by the Finance Committee and approved by the C/CAG Board, to respond to changing circumstances in order to achieve the Safety of Principal.
- 2- **LIQUIDITY TO MEET NEEDS** - Effective cash flow management and resulting cash investment practices are recognized as essential to good fiscal management and control. The portfolio should have adequate liquidity to meet the immediate and short term needs.
- 3- **RETURN ON INVESTMENT** - A reasonable return on investment should be pursued. Safety of Principal should not be reduced in order to achieve higher yield.

C/CAG's investment portfolio shall be designed and managed in a manner responsive to the public trust and consistent with State and local law. Portfolio management requires continual analysis and as a result the balance between the various investments and maturities may change in order to give C/CAG the optimum combination of Safety of Principal, necessary liquidity, and optimal yield based on cash flow projections.

SCOPE

The investment policy applies to all financial assets of the City and County Association of Governments as accounted for in the Annual Financial Statements. Policy statements outlined in this document focus on C/CAG's pooled funds.

PRUDENCE

The standard to be used by investment officials shall be that of a "prudent investor" and shall be applied in the context of managing all aspects of the overall portfolio. When investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency. Within the limitations of this section and considering individual investments as part of an overall strategy, investments may be acquired as authorized by law.

It is C/CAG's full intent, at the time of purchase, to hold all investments until maturity to ensure the return of all invested principal dollars.

However, it is realized that market prices of securities will vary depending on economic and interest rate conditions at any point in time. It is further recognized that in a well-diversified investment portfolio, occasional measured losses are inevitable due to economic, bond market or individual security credit analysis. These occasional losses must be considered within the context of the overall investment program objectives and the resultant long-term rate of return.

The Administrative Services Director of the City of San Carlos (City) and other individuals assigned to manage the investment portfolio, acting within the intent and scope of the investment policy and other written procedures and exercising due diligence, shall be relieved of personal responsibility and liability for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely manner and appropriate action is taken to control adverse developments.

OBJECTIVES

Safety of Principal

Safety of principal is the foremost objective of the City and County Association of Governments. Each investment transaction shall seek to ensure that capital losses are avoided, whether from securities default, broker-dealer default or erosion of market value. C/CAG shall seek to preserve principal by mitigating the two types of risk: credit risk and market risk.

Credit risk, defined as the risk of loss due to failure of the issuer of a security, shall be mitigated by investing in investment grade securities and by diversifying the investment portfolio so that the failure of any one issuer does not unduly harm C/CAG's capital base and cash flow.

Market risk, defined as market value fluctuations due to overall changes in the general level of interest rates, shall be mitigated by limiting the average maturity of C/CAG's investment portfolio to two years, the maximum maturity of any one security to five years, structuring the portfolio based on historic and current cash flow analysis eliminating the need to sell securities prior to maturity and avoiding the purchase of long term securities for the sole purpose of short term speculation.

Liquidity

Historical cash flow trends are compared to current cash flow requirements on an ongoing basis in an effort to ensure that C/CAG's investment portfolio will remain sufficiently liquid to enable C/CAG to meet all reasonably anticipated operating requirements. The C/CAG Executive Director will provide a projected cash flow schedule in consultation with the C/CAG Chair.

MATURITY MATRIX

Maturities of investments will be selected based on liquidity requirements to minimize interest rate risk and maximize earnings. Current and expected yield curve analysis will be monitored and the portfolio will be invested accordingly. The weighted average maturity of the pooled portfolio should not exceed two years and the following percentages of the portfolio should be invested in the following maturity sectors:

Maturity Range	Suggested Percentage
1 day to 7 days	10 to 50%
7 days to 180	10 to 30%
180 days to 360 days	10 to 30%
1 year to 2 years	10 to 20%
2 years to 3 years	0 to 20%
3 years to 4 years	0 to 20%
4 years to 5 years	0 to 20%

No more than 30% of the portfolio shall have a maturity of 2-5 years.

PERFORMANCE EVALUATION

Day to day management of C/CAG's portfolio is conducted by the C/CAG Fiscal Agent Financial Services Manager. Investment performance is monitored and evaluated by the Fiscal Agent's Investment Committee and provided to the **C/CAG Finance Committee** and C/CAG Board on a quarterly basis. Investment performance statistics and activity reports are generated on a quarterly basis for review by the Fiscal Agent's Investment Committee and presentation to the **C/CAG Finance Committee**, and to the C/CAG Board. Annually, a statement of investment policy, and any proposed changes to the policy, will be rendered to the **C/CAG Finance Committee** and to the C/CAG Board for consideration at a public meeting.

C/CAG's investment portfolio is designed to at least attain a market average rate of return through economic cycles. The market average rate of return is defined as average return on the Local Agency Investment Fund (assuming the State does not adversely affect LAIF's returns due to budget constraints).

DELEGATION OF AUTHORITY

The Joint Powers Authority Agreement of the City and County Association of Governments of San Mateo County and the authority granted by the C/CAG Board, assign the responsibility of investing unexpended cash to the City's Administrative Services Director. Daily management responsibility of the investment program may be delegated to the City's Financial Services Manager, who shall establish procedures for the operation consistent with this investment policy. For the longer term investments the C/CAG Fiscal Agent shall invest in accordance with the directions provided by C/CAG Board.

FISCAL AGENT INVESTMENT COMMITTEE

An investment committee consisting of the City of San Carlos Treasurer, City Manager, and Administrative Services Director shall be established to provide general oversight and direction concerning the policy related to management of C/CAG's investment pool. The Financial Services Manager shall not be a member of the committee but shall serve in a staff and advisory capacity. The committee shall review and approve quarterly investment reports prepared by the Finance Department and reviewed by the Financial Services Manager or meet as necessary to discuss changes to the report or the investment strategy. The Investment Committee serving as the legislative body of the Investment Policy will have the quarterly reports for their review within thirty (30) days following the end of the quarter covered by the report as per Section 53646 (b)(1) of the California Government Code.

ETHICS AND CONFLICTS OF INTEREST

The **C/CAG Finance Committee**, Officers, and employees involved in the investment process shall refrain from personal business activity that conflicts with proper execution of the investment program, or impairs their ability to make impartial investment decisions. Additionally the Fiscal Agent's Administrative Services Director and the Financial Services Manager are required to annually file applicable financial disclosures (Form 700 etc.) as required by the Fair Political Practices Commission (FPPC).

SAFEKEEPING OF SECURITIES

To protect against fraud or embezzlement or losses caused by collapse of an individual securities dealer, all securities owned by C/CAG shall be held in safekeeping by a third party bank trust department, acting as agent for C/CAG under the terms of a custody agreement. All trades executed by a dealer will settle delivery versus payment (DVP) through C/CAG's safekeeping agent.

A receipt shall be provided for securities held in custody for C/CAG and shall be monitored by the Fiscal Agent's Administrative Services Director to verify investment holdings.

All exceptions to this safekeeping policy must be approved by the Fiscal Agent's Administrative Services Director in written form and included in the quarterly reporting to the C/CAG Board.

INTERNAL CONTROL

Separation of functions between the Fiscal Agent's Administrative Services Director or Financial Services Manager and/or the Senior Accountant is designed to provide an ongoing internal review to prevent the potential for converting assets or concealing transactions.

Investment decisions are made by the Fiscal Agent's Administrative Services Director, executed by the Fiscal Agent's Administrative Services Director or Financial Services Manager and confirmed by the Senior Accountant. All wire transfers initiated by the Fiscal Agent's Administrative Services Director or Financial Services Manager must be reconfirmed by the appropriate financial institution to the Senior Accountant. Proper documentation obtained from confirmation and cash disbursement wire transfers is required for each investment transaction. Timely bank reconciliation is conducted to ensure proper handling of all transactions.

The investment portfolio and all related transactions are reviewed and balanced to appropriate general ledger accounts by the Fiscal Agent's Senior Accountant on a monthly basis. An independent analysis by an external auditor shall be conducted annually to review and perform procedure testing on the Agency's cash and investments that have a material impact on the financial statements. The Fiscal Agent's Administrative Services Director and/or C/CAG Executive Director shall review and assure compliance with investment process and procedures.

REPORTING

The Fiscal Agent's Investment Committee shall review and render quarterly reports to the C/CAG Executive Director and to the C/CAG Board which shall include the face amount of the cash investment, the classification of the investment, the name of the institution or entity, the rate of interest, the maturity date, the current market value and accrued interest due for all securities. The quarterly reports will be submitted to the Fiscal Agent's Investment Committee within thirty (30) days following the end of the quarter covered by the report as per Section 53646 (b)(1) of the California Government Code. Once approved by the Fiscal Agent's Investment Committee, the report is submitted to the C/CAG Executive Director and the C/CAG Finance Committee for review. The quarterly reports shall be placed on C/CAG's meeting agenda for its review and approval no later than 75 days after the quarter ends. If there are no C/CAG meetings within the 75-day period, the quarterly report shall be presented to the Finance Committee at the soonest possible meeting thereafter.

QUALIFIED BROKER/DEALERS

C/CAG shall transact business only with banks, savings and loans, and with broker/dealers registered with the State of California or the Securities and Exchange Committee. The broker/dealers should be primary or regional dealers. C/CAG and the Fiscal Agent currently do not maintain a list of broker/dealers approved to do business with the City. When necessary, C/CAG and/or the Fiscal Agent shall go through the Request for Proposal processes to select the broker/dealers. Investment staff shall investigate dealers wishing to do business with C/CAG's staff to determine if they are adequately capitalized, have pending legal action against the firm or the individual broker and make markets in the securities appropriate to C/CAG's needs. C/CAG's investment policy shall be made available on C/CAG's website.

COLLATERAL REQUIREMENTS

Collateral is required for investments in certificates of deposit. In order to reduce market risk, the collateral level will be at least 110% of market value of principal and accrued interest. Collaterals should be held by an independent third party. Collaterals should be required for investments in CDs in excess of FDIC insured amounts.

AUTHORIZED INVESTMENTS

Investment of C/CAG's funds is governed by the California Government Code Sections 53600 et seq. The level of investment in all areas will be reviewed by the C/CAG Executive Director. Within the context of the limitations, the following investments are authorized, as further limited herein:

1. United States Treasury Bills, Bonds, and Notes or those for which the full faith and credit of the United States are pledged for payment of principal and interest. There is no percentage limitation of the portfolio that can be invested in this category, although a five-year maturity limitation is applicable.
2. Local Agency Investment Fund (LAIF) which is a State of California managed investment pool, and San Mateo County Investment pool, may be used up to the maximum permitted by California State Law. A review of the pool/fund is required when they are part of the list of authorized investments, with the knowledge that the pool/fund may include some investments allowed by statute but not explicitly identified in this investment policy.
3. Obligations issued by the Government National Mortgage Association (GNMA), the Federal Farm Credit System (FFCB), the Federal Home Loan Bank Board (FHLB), the Federal National Mortgage Association (FNMA), the Student Loan Marketing Association (SLMA), and the Federal Home Loan Mortgage Corporation (FHLMC). There is no percentage limitation of the portfolio that can be invested in this category, although a five-year maturity limitation is applicable.
4. Bills of exchange or time drafts drawn on and accepted by commercial banks, otherwise known as banker's acceptances. Banker's acceptances purchased may not exceed 180 days to maturity or 40% of the cost value of the portfolio. Also, no more than 30% of the agency's money may be in bankers' acceptances of any one commercial bank.

Investments detailed in items 5 through 8 are further restricted to a percentage of the cost value of the portfolio in any single issuer name to a maximum of 10%. The total value invested in any one issuer shall not exceed 10% of the issuer's net worth. Again, a five-year maximum maturity limitation is applicable unless further restricted by this policy.

5. Commercial paper ranked the highest letter and number rating by a Nationally Recognized Statistical Rating Organization (NRSRO), such as Standard & Poor's Ratings Services, Moody's Investors Services, or Fitch Ratings, Inc., and issued by domestic corporations having assets in excess of \$500,000,000 and having an A or better rating on its long term debentures as provided by NRSRO. Purchases of eligible commercial paper may not

exceed 270 days to maturity nor represent more than 10% of the outstanding paper of the issuing corporation. Purchases of commercial paper may not exceed 25% of the cost value of the portfolio.

6. Negotiable Certificates of Deposit issued by nationally or state chartered banks (FDIC insured institutions) or state or federal savings institutions. Purchases of negotiable certificates of deposit may not exceed 30% of total portfolio. A maturity limitation of five years is applicable.
7. Time deposits, non-negotiable and collateralized in accordance with the California Government Code, may be purchased through banks or savings and loan associations. Since time deposits are not liquid, no more than 30% of the investment portfolio may be invested in this investment type.
8. Medium Term Corporate Notes, with a maximum maturity of five years may be purchased. Securities eligible for investment shall be rated A or better by an NRSRO. Purchase of medium term notes may not exceed 30% of the market value of the portfolio and no more than 510% of the market value of the portfolio may be invested in notes issued by one corporation. Commercial paper holdings should also be included when calculating the limitation. The C/CAG portfolio should also be included when calculating the 510% limitation.
9. Ineligible investments are those that are not described herein, including but not limited to, common stocks and long term (over five years in maturity) notes and bonds are prohibited from use in this portfolio. It is noted that special circumstances may arise that necessitate the purchase of securities beyond the five-year limitation. On such occasions, requests must be reviewed by the C/CAG Executive Director and approved by the C/CAG Board prior to purchase.
10. Various daily money market funds administered for or by trustees, paying agents and custodian banks contracted by the City and County Association of Governments may be purchased as allowed under State of California Government Code. Only funds holding U.S. Treasury or Government agency obligations can be utilized.

The following summary of maximum percentage limits, by instrument, is established for C/CAG's total pooled funds portfolio:

Authorized Investment Type	Government Code	Maximum Maturity	Minimum Credit Quality	Maximum in Portfolio	Maximum Investment in One Issuer
Local Agency Investment Fund (LAIF)	16429.1	Upon Demand	N/A	As approved by the C/CAG Board but no more than \$65 million permitted by LAIF.	N/A
San Mateo County Investment Pool	53684	Upon Demand	N/A	As approved by the C/CAG Board	N/A
Treasury Obligations (bills, notes & bonds)	53601(b)	5 Years	N/A	100%	N/A
US Government Agency and Federal Agency Securities	53601(f)	5 Years	N/A	100%	N/A
Bankers Acceptances	53601(g)	180 Days	N/A	40%	(B)
Commercial Paper	53601(h)	270 Days	Highest letter and number rating by an NRSRO	25%	(A)
Negotiable Certificates of Deposit	53601(i)	5 Years	N/A	30%	(A)
Time Certificates of Deposit – Banks or Savings and Loans	53601.8	5 Years	N/A	30%	(A)
Medium Term Corporate Notes	53601(k)	5 Years	A	30%	(A)

(A) 10% of outstanding paper of issuing corporation and 10% of the portfolio in one corporation

(B) No more than 30% of the agency's money may be in bankers' acceptances of any one commercial bank.

DERIVATIVE INVESTMENTS

Derivatives are investments whose value is "derived" from a benchmark or index. That benchmark can be almost any financial measure from interest rates to commodity and stock prices. The use of derivatives is prohibited under this policy.

LEGISLATIVE CHANGES

Any State of California legislative action that further restricts allowable maturities, investment type, or percentage allocations will be incorporated into the City and County Association of Governments' Investment Policy and supersede any and all previous applicable language.

INTEREST EARNINGS

All moneys earned and collected from investments authorized in this policy shall be allocated quarterly based on the cash balance in each fund at quarter end as percentage of the entire pooled portfolio.

LIMITING MARKET VALUE EROSION

The longer the maturity of securities, the greater is their market price volatility. Therefore, it is the general policy of C/CAG to limit the potential effects from erosion in market values by adhering to the following guidelines:

All immediate and anticipated liquidity requirements will be addressed prior to purchasing all investments.

Maturity dates for long-term investments will coincide with significant cash flow requirements where possible, to assist with short term cash requirements at maturity.

All long-term securities will be purchased with the intent to hold all investments to maturity under then prevailing economic conditions. However, economic or market conditions may change, making it in C/CAG's best interest to sell or trade a security prior to maturity.

PORTFOLIO MANAGEMENT ACTIVITY

The investment program shall seek to augment returns consistent with the intent of this policy, identified risk limitations and prudent investment principals. These objectives will be achieved by use of the following strategies:

Active Portfolio Management. Through active fund and cash flow management, taking advantage of current economic and interest rate trends, the portfolio yield may be enhanced with limited and measurable increases in risk by extending the weighted maturity of the total portfolio.

Portfolio Maturity Management. When structuring the maturity composition of the portfolio, C/CAG shall evaluate current and expected interest rate yields and necessary cash flow requirements. It is recognized that in normal market conditions longer maturities produce higher yields. However, the securities with longer maturities also experience greater price fluctuations when the level of interest rates change.

Security Swaps. C/CAG may take advantage of security swap opportunities to improve the overall portfolio yield. A swap, which improves the portfolio yield, may be selected even if the transactions result in an accounting loss. Documentation for swaps will be included in C/CAG's permanent investment file documents. No swap may be entered into without the approval of the C/CAG Executive Director and the C/CAG Board.

Competitive Bidding. It is the policy of C/CAG to require competitive bidding for investment transactions that are not classified as "new issue" securities. For the purchase of non-"new issue" securities and the sale of all securities at least three bidders must be contacted. Competitive bidding for security swaps is also suggested, however, it is understood that certain time constraints and broker portfolio limitations exist which would not accommodate the competitive bidding process. If a time or portfolio constraining condition exists, the pricing of the swap should be verified to current market conditions and documented for auditing purposes.

POLICY REVIEW

The City/County Association of Governments' investment policy shall be adopted by resolution of the C/CAG Board on an annual basis. This investment policy shall be reviewed at least annually to ensure its consistency with the overall objectives of preservation of principal, liquidity and yield, and its relevance to current law and financial and economic trends. The Investment Policy, including any amendments to the policy shall be forwarded to the C/CAG Board for approval.

Glossary of Terms

Accrued Interest- Interest earned but not yet received.

Active Deposits- Funds which are immediately required for disbursement.

Amortization- An accounting practice of gradually decreasing (increasing) an asset's book value by spreading its depreciation (accretion) over a period of time.

Asked Price- The price a broker dealer offers to sell securities.

Basis Point- One basis point is one hundredth of one percent (.01).

Bid Price- The price a broker dealer offers to purchase securities.

Bond- A financial obligation for which the issuer promises to pay the bondholder a specified stream of future cash flows, including periodic interest payments and a principal repayment.

Bond Swap - Selling one bond issue and buying another at the same time in order to create an advantage for the investor. Some benefits of swapping may include tax-deductible losses, increased yields, and an improved quality portfolio.

Book Entry Securities - Securities, such stocks held in "street name," that are recorded in a customer's account, but are not accompanied by a certificate. The trend is toward a certificate-free society in order to cut down on paperwork and to diminish investors' concerns about the certificates themselves. All the large New York City banks, including those that handle the bulk of the transactions of the major government securities dealers, now clear most of their transactions with each other and with the Federal Reserve through the use of automated telecommunications and the "book-entry" custody system maintained by the Federal Reserve Bank of New York. These banks have deposited with the Federal Reserve Bank a major portion of their government and agency securities holdings, including securities held for the accounts of their customers or in a fiduciary capacity. Virtually all transfers for the account of the banks, as well as for the government securities dealers who are their clients, are now effected solely by bookkeeping entries. The system reduces the costs and risks of physical handling and speeds the completion of transactions.

Bearer and Registered Bonds - In the past, bearer and registered bonds were issued in paper form. Those still outstanding may be exchanged at any Federal Reserve Bank or branch for an equal amount of any authorized denomination of the same issue. Outstanding bearer bonds are interchangeable with registered bonds and bonds in "book-entry" form. That is, the latter exist as computer entries only and no paper securities are issued. New bearer and registered bonds are no longer being issued. Since August 1986, the Treasury's new issues of marketable notes and bonds are available in book-entry form only. All Treasury bills and more than 90% of all other marketable securities are now in book-entry form. Book-entry obligations are transferable only pursuant to regulations prescribed by the Secretary of the Treasury.

Book Value- The value at which a debt security is shown on the holder's balance sheet. Book value is acquisition cost less amortization of premium or accretion of discount.

Broker - In securities, the intermediary between a buyer and a seller of securities. The broker, who usually charges a commission, must be registered with the exchange in which he or she is trading, accounting for the name registered representative.

Certificate of Deposit- A deposit insured up to \$250,000 by the FDIC at a set rate for a specified period of time.

Collateral- Securities, evidence of deposit or pledges to secure repayment of a loan. Also refers to securities pledged by a bank to secure deposit of public moneys.

Constant Maturity Treasury (CMT)- An average yield of a specific Treasury maturity sector for a specific time frame. This is a market index for reference of past direction of interest rates for the given Treasury maturity range.

Coupon- The annual rate of interest that a bond's issuer promises to pay the bondholder on the bond's face value.

County Pool- County of San Mateo managed investment pool.

Credit Analysis- A critical review and appraisal of the economic and financial conditions or of the ability to meet debt obligations.

Current Yield- The interest paid on an investment expressed as a percentage of the current price of the security.

Custody- A banking service that provides safekeeping for the individual securities in a customer's investment portfolio under a written agreement which also calls for the bank to collect and pay out income, to buy, sell, receive and deliver securities when ordered to do so by the principle.

Delivery vs. Payment (DVP)- Delivery of securities with a simultaneous exchange of money for the securities.

Discount- The difference between the cost of a security and its value at maturity when quoted at lower than face value.

Diversification- Dividing investment funds among a variety of securities offering independent returns and risk profiles.

Duration- The weighted average maturity of a bond's cash flow stream, where the present value of the cash flows serve as the weights; the future point in time at which on average, an investor has received exactly half of the original investment, in present value terms; a bond's zero-coupon equivalent; the fulcrum of a bond's present value cash flow time line.

Fannie Mae- Trade name for the Federal National Mortgage Association (FNMA), a U.S. sponsored corporation.

Federal Reserve System- The central bank of the U.S. that consists of a seven member Board of Governors, 12 regional banks and 5,700 commercial banks that are members.

Federal Deposit Insurance Corporation (FDIC)- Insurance provided to customers of a subscribing bank that guarantees deposits to a set limit (currently \$250,000) per account.

Fed Wire- A wire transmission service established by the Federal Reserve Bank to facilitate the transfer of funds through debits and credits of funds between participants within the Fed system.

Fiscal Agent - The organization that is essentially the checkbook for C/CAG funds.

Freddie Mac- Trade name for the Federal Home Loan Mortgage Corporation (FHLMC), a U.S. sponsored corporation.

Ginnie Mae- Trade name for the Government National Mortgage Association (GNMA), a direct obligation bearing the full faith and credit of the U.S. Government.

Inactive Deposits- Funds not immediately needed for disbursement.

Interest Rate- The annual yield earned on an investment, expressed as a percentage.

Investment Agreements- An agreement with a financial institution to borrow public funds subject to certain negotiated terms and conditions concerning collateral, liquidity and interest rates.

Local Agency Investment Fund (LAIF) - State of California managed investment pool.

Liquidity- Refers to the ability to rapidly convert an investment into cash.

Market Value- The price at which a security is trading and could presumably be purchased or sold.

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

Nationally Recognized Statistical Rating Organization (NRSRO)- A U.S. Securities & Exchange Commission registered agency that assesses the creditworthiness of an entity or specific security. NRSRO typically refers to Standard and Poor's Ratings Services, Fitch Ratings, Inc. or Moody's Investors Services.

New Issue- Term used when a security is originally "brought" to market.

Perfected Delivery- Refers to an investment where the actual security or collateral is held by an independent third party representing the purchasing entity.

Portfolio- Collection of securities held by an investor.

Primary Dealer- A group of government securities dealers that submit daily reports of market activity and security positions held to the Federal Reserve Bank of New York and are subject to its informal oversight.

Purchase Date- The date in which a security is purchased for settlement on that or a later date.

Rate of Return- The yield obtainable on a security based on its purchase price or its current market price. This may be the amortized yield to maturity on a bond or the current income return.

Repurchase Agreement (REPO)- A transaction where the seller (bank) agrees to buy back from the buyer (C/CAG) the securities at an agreed upon price after a stated period of time.

Reverse Repurchase Agreement (REVERSE REPO)- A transaction where the seller (C/CAG) agrees to buy back from the buyer (bank) the securities at an agreed upon price after a stated period of time.

Risk- Degree of uncertainty of return on an asset.

Safekeeping- see custody.

Sallie Mae- Trade name for the Student Loan Marketing Association (SLMA), a U.S. sponsored corporation.

Secondary Market- A market made for the purchase and sale of outstanding issues following the initial distribution.

Settlement Date- The date on which a trade is cleared by delivery of securities against funds.

Time Deposit - A deposit in an interest-paying account that requires the money to remain on account for a specific length of time. While withdrawals can generally be made from a passbook account at any time, other time deposits, such as certificates of deposit, are penalized for early withdrawal.

Treasury Obligations- Debt obligations of the U.S. Government that are sold by the Treasury Department in the forms of bills, notes, and bonds. Bills are short-term obligations that mature in one year or less. Notes are obligations that mature between one year and ten years. Bonds are long-term obligations that generally mature in ten years or more.

U.S. Government Agencies- Instruments issued by various US Government Agencies most of which are secured only by the credit worthiness of the particular agency.

Yield- The rate of annual income return on an investment, expressed as a percentage. It is obtained by dividing the current dollar income by the current market price of the security.

Yield to Maturity- The rate of income return on an investment, minus any premium or plus any discount, with the adjustment spread over the period from the date of purchase to the date of maturity of the bond, expressed as a percentage.

Yield Curve- The yield on bonds, notes or bills of the same type and credit risk at a specific date for maturities up to thirty years.