

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: April 23, 2015

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager 

FROM: Eric L. Sandler, Director of Finance 

SUBJECT: Quarterly Investment Report – March 31, 2015

SUMMARY

File the March 31, 2015 quarterly investment report with the Board in accordance with Section 53646 of the Government Code which requires the Treasurer of the District to submit to the General Manager, the Internal Auditor, and the Board of Directors a quarterly investment report.

This report will be reviewed with the Finance/Administration Committee on April 28, 2015.

DISCUSSION

The investments held by the District on March 31, 2015 are shown in Attachment A and totaled \$425.05 million. The portfolio yielded 0.34%. The investment portfolio is in full compliance with the Board's adopted policy regarding District investments. In addition, the investment portfolio includes Water System Debt Service Reserve Funds of approximately \$12.6 million that are invested in a Federal Agency note and short-term money market funds.

In compliance with Section 53646(b)3 of the Government Code, this report denotes that the District will be able to meet expenditure requirements for the next six months from a combination of maturing investments and revenues from budgeted operations.

- As directed by Resolution 30127, Attachment B lists investment transactions covering the period January 1, 2015 through March 31, 2015.
- Attachment C shows a comparison of the yield of the District's portfolio against the yield on the 90-day Treasury bill and the Federal Funds Rate. It also shows the composition and credit allocation of the District's investment portfolio. On March 31, 2015, the Federal Funds Rate was 0.25% and the yield on the 90-day Treasury bill was 0.03%. A forecast of the projected cash balance of the Water and Wastewater System General Funds for the next six months is also included.

Attachment A Portfolio Summary as of March 31, 2015

Attachment B Quarterly Investment Transactions as of March 31, 2015

Attachment C Yield and Composition of Investment Portfolio as of March 31, 2015



EAST BAY MUNICIPAL UTILITY DISTRICT
Portfolio Management
Portfolio Summary
March 31, 2015

ATTACHMENT A

Description	Face Amount Shares	Market Value	Book Value	% of Portfolio	YTM @ Cost	Days To Maturity
Federal Agency Issues Coupon	161,090,000	161,077,507	161,138,651	37.89	0.54	461
Money Market Mutual Funds	59,036,404	59,036,404	59,036,404	13.89	0.04	1
LAIF Local Government Investment Pool	55,686,847	55,686,847	55,686,847	13.10	0.27	1
Commercial Paper Discounted	46,200,000	46,191,468	46,189,201	10.87	0.17	45
CAMP CA Asset Mgmt Program	40,019,037	40,019,037	40,019,037	9.41	0.05	1
US Treasuries	20,000,000	20,012,600	20,011,051	4.71	0.16	91
Medium Term Notes	19,198,000	19,797,316	19,732,084	4.66	0.83	551
Municipal Bonds	12,300,000	12,299,222	12,301,122	2.89	0.62	296
Certificates of Time Deposit	10,945,000	10,945,000	10,945,000	2.57	0.39	192
Total / Average	424,475,288	425,065,402	425,059,397	100.00	0.34	223

Eric L. Sandler, Director of Finance

4/16/15

Date



EAST BAY MUNICIPAL UTILITY DISTRICT
Portfolio Management
Portfolio Details - Investments
March 31, 2015

Description	CUSIP	Settlement Date	Face Amount		Market Value	Book Value	Cost Value	Moody's	S&P	YTM @ Cost	Days To Maturity
			Shares								
Federal Agency Issues Coupon											
FNMA 0.5 5/27/2015	3135G0KM4	11/7/2014	25,000,000		25,015,250	25,015,739	25,055,500	Aaa	AA+	0.10	57
FNMA 0.375 12/21/2015	3135G0SB0	12/31/2014	20,000,000		20,011,800	20,008,808	20,011,800	Aaa	AA+	0.31	265
FHLB 0.27 12/11/2015	3130A2Y42	9/12/2014	15,000,000		14,993,700	14,998,761	14,997,750	Aaa	AA+	0.28	245
FFCB 0.23 11/2/2015	3133EDKU5	9/11/2014	10,000,000		10,003,700	9,998,239	9,996,600	Aaa	AA+	0.26	216
FHLB 0.14 7/14/2015	3130A3WJ9	1/14/2015	10,000,000		9,999,600	9,999,397	9,998,960	Aaa	AA+	0.16	105
FHLB 0.25 12/23/2015	3130A3TT1	12/31/2014	10,000,000		9,993,800	9,995,288	9,993,700	Aaa	AA+	0.32	267
FHLB 1.5 5/15/2017-15	3130A1TY4	5/15/2014	5,000,000		5,008,050	5,036,641	5,051,750	Aaa	AA+	1.15	776
FHLMC 0.75 12/9/2016-15	3134G5QV0	12/9/2014	5,000,000		4,999,400	5,000,000	5,000,000	Aaa	AA+	0.75	619
FHLB 1 1/16/2018	313381M69	1/16/2013	5,000,000		4,983,800	5,000,000	5,000,000	Aaa	AA+	1.00	1022
FNMA 1 6/27/2018	3136G16F1	12/27/2012	5,000,000		4,965,150	5,000,000	5,000,000	Aaa	AA+	1.00	1184
FNMA 1.05 2/27/2018-15	3136G1DG1	2/27/2013	5,000,000		4,962,950	4,998,907	4,998,125	Aaa	AA+	1.06	1064
FHLMC 0.875 2/28/2017-14	3134G4UY2	2/28/2014	4,000,000		4,004,480	4,000,000	4,000,000	Aaa	AA+	0.88	700
FHLB 1.32 4/10/2017	313378SM4	9/5/2014	3,000,000		3,033,180	3,020,987	3,026,850	Aaa	AA+	0.97	741
FHLMC 0.85 1/24/2017-14	3134G5BT1	7/24/2014	3,000,000		3,001,200	3,000,000	3,000,000	Aaa	AA+	0.85	665
FNMA 1 9/20/2017	3135G0PP2	6/2/2014	2,050,000		2,057,401	2,050,000	2,050,000	Aaa	AA+	1.00	904
FFCB 1.09 8/28/2017-15	3133EDTR3	8/28/2014	2,000,000		2,004,520	1,998,392	1,998,000	Aaa	AA+	1.12	881
FHLB 0.65 12/19/2016-14	3130A14P0	3/19/2014	2,000,000		2,004,160	2,000,000	2,000,000	Aaa	AA+	0.65	629
FHLMC 1 6/19/2017-15	3134G5HH1	9/19/2014	2,000,000		2,002,920	2,000,000	2,000,000	Aaa	AA+	1.00	811
FHLMC 0.875 2/28/2017-14	3134G4UY2	2/28/2014	2,000,000		2,002,240	2,000,000	2,000,000	Aaa	AA+	0.88	700
FHLB 1.04 5/19/2017-14	3130A2RX6	8/19/2014	2,000,000		2,000,160	2,000,000	2,000,000	Aaa	AA+	1.04	780
FFCB 0.6 12/12/2016-14	3133EC6S8	7/25/2014	2,000,000		1,998,880	1,994,867	1,992,813	Aaa	AA+	0.75	622
FNMA 1.05 2/27/2018-15	3136G1DG1	2/27/2013	2,000,000		1,985,180	2,000,000	2,000,000	Aaa	AA+	1.05	1064
FNMA 1.2 1/28/2017-15	3136G2AB3	11/28/2014	1,500,000		1,502,115	1,500,000	1,500,000	Aaa	AA+	1.20	973
FHLB 0.9 3/27/2017-14	3130A14S4	8/15/2014	1,500,000		1,500,615	1,500,000	1,500,000	Aaa	AA+	0.90	727
FFCB 0.7 12/19/2016-15	3133EDC42	1/23/2015	1,500,000		1,500,090	1,500,000	1,500,000	Aaa	AA+	0.70	629
FHLB 1.1 9/25/2017-15	3130A4ML3	3/25/2015	1,470,000		1,473,851	1,470,000	1,470,000	Aaa	AA+	1.10	909
FHLMC 1.125 7/28/2017-15	3134G5YH2	3/5/2015	1,350,000		1,350,756	1,350,000	1,350,000	Aaa	AA+	1.13	850
FHLB 0.7 11/25/2016-15	3130A3FY5	11/28/2014	1,200,000		1,200,900	1,199,801	1,199,760	Aaa	AA+	0.71	605
FFCB 1.07 8/18/2017-15	3133EDSV5	8/20/2014	1,120,000		1,122,587	1,119,777	1,119,720	Aaa	AA+	1.08	871
FHLMC 0.88 4/7/2017-15	3134G5AT2	11/14/2014	1,000,000		1,001,490	999,578	999,500	Aaa	AA+	0.90	738
FHLMC 0.875 6/23/2017-15	3134G56V2	11/14/2014	1,000,000		1,001,270	997,994	997,656	Aaa	AA+	0.97	815
FNMA 0.5 5/27/2015	3135G0KM4	5/8/2014	1,000,000		1,000,610	1,000,560	1,003,770	Aaa	AA+	0.14	57
FHLMC 0.875 3/10/2017-14	3134G4VW5	9/12/2014	1,000,000		1,000,240	998,781	998,438	Aaa	AA+	0.94	710
FNMA 1.1 7/11/2017-12	3136G0QM6	9/16/2014	1,000,000		1,000,100	998,988	998,750	Aaa	AA+	1.15	833
FFCB 0.73 3/6/2017-15	3133EDGL0	2/13/2015	1,000,000		1,000,070	997,888	997,750	Aaa	AA+	0.84	706
FFCB 0.68 12/27/2016-14	3133ECBU7	5/1/2014	1,000,000		1,000,060	997,901	996,800	Aaa	AA+	0.80	637
FNMA 0.95 8/23/2017-14	3135G0NH2	9/23/2014	1,000,000		998,810	995,270	994,250	Aaa	AA+	1.15	876
FHLMC 0.915 8/23/2017-14	3134G3C40	10/17/2014	1,000,000		994,980	999,369	999,250	Aaa	AA+	0.94	876

Description	CUSIP	Settlement Date	Face Amount Shares	Market Value	Book Value	Cost Value	Moody's	S&P	YTM @ Cost	Days To Maturity
FFCB 0.72 12/27/2016-14	3133EA2L1	7/10/2014	900,000	897,237	898,759	898,245	Aaa	AA+	0.80	637
FNMA 0.7 3/6/2017-14	3135G0XT5	5/14/2014	500,000	500,205	497,959	497,031	Aaa	AA+	0.91	706
Sub Total / Average			161,090,000	161,077,507	161,138,651	161,192,768			0.54	461
Money Market Mutual Funds										
UBS Financial MM	MM5891	4/18/2012	28,536,961	28,536,961	28,536,961	28,536,961	Aaa	AAA	0.05	1
UBS Financial MM	MM5891	6/30/2011	15,019,453	15,019,453	15,019,453	15,019,453	Aaa	AAA	0.05	1
ML Institutional Fund MM	MM5003	6/30/2011	6,525,118	6,525,118	6,525,118	6,525,118	Aaa	AAA	0.03	1
Dreyfus MM	MM2642	6/30/2011	4,368,525	4,368,525	4,368,525	4,368,525	Aaa	AAA	0.00	1
Dreyfus MM	MM6999	6/30/2011	3,278,538	3,278,538	3,278,538	3,278,538	Aaa	AAA	0.00	1
Federated MM	MM0590	6/30/2011	1,201,640	1,201,640	1,201,640	1,201,640	Aaa	AAA	0.01	1
Federated MM	MM0590	6/30/2011	103,073	103,073	103,073	103,073	Aaa	AAA	0.01	1
ML Institutional Fund MM	MM5003	10/19/2012	3,095	3,095	3,095	3,095	Aaa	AAA	0.03	1
Sub Total / Average			59,036,404	59,036,404	59,036,404	59,036,404			0.04	1
LAIF Local Government Investment Fund										
LAIF LGIP Wastewater	LGIP1001	6/30/2011	26,321,100	26,321,100	26,321,100	26,321,100	NR	NR	0.27	1
LAIF LGIP Water	LGIP1001	6/30/2011	15,806,800	15,806,800	15,806,800	15,806,800	NR	NR	0.27	1
LAIF LGIP ERS	LGIP1005	6/30/2011	5,686,847	5,686,847	5,686,847	5,686,847	NR	NR	0.27	1
LAIF LGIP BACWA	LGIP1001	6/30/2011	3,507,600	3,507,600	3,507,600	3,507,600	NR	NR	0.27	1
LAIF LGIP FRWA	LGIP1001	6/30/2011	2,150,000	2,150,000	2,150,000	2,150,000	NR	NR	0.27	1
LAIF LGIP FERC	LGIP1001	6/30/2011	2,000,000	2,000,000	2,000,000	2,000,000	NR	NR	0.27	1
LAIF LGIP ICP	LGIP1001	6/30/2011	150,500	150,500	150,500	150,500	NR	NR	0.27	1
LAIF LGIP UMRA	LGIP1001	6/30/2011	64,000	64,000	64,000	64,000	NR	NR	0.27	1
Sub Total / Average			55,686,847	55,686,847	55,686,847	55,686,847			0.27	1
Commercial Paper Discounted										
Stanford University 0 4/24/2015	5255M5RQ4	3/12/2015	16,200,000	16,198,218	16,198,704	16,197,678	P1	A1+	0.12	24
Kaiser Foundation Hospitals 0 5/14/2015	48306BSE6	3/3/2015	15,000,000	14,996,850	14,996,333	14,994,000	NR	A1	0.20	44
UC Regents 0 5/26/2015	91411USS5	2/24/2015	10,000,000	10,000,000	9,997,667	9,996,208	P1	A1+	0.15	56
Kaiser Foundation Hospitals 0 7/6/2015	48306BU60	1/12/2015	5,000,000	4,996,400	4,996,497	4,993,681	NR	A1	0.26	97
Sub Total / Average			46,200,000	46,191,468	46,189,201	46,181,567			0.17	45
CAMP CA Asset Mgmt Program										
CAMP MM	CAMP6035	5/9/2014	40,019,037	40,019,037	40,019,037	40,019,037	NR	AAA	0.05	1
Sub Total / Average			40,019,037	40,019,037	40,019,037	40,019,037			0.05	1
US Treasuries										
T-Note 0.375 6/30/2015	912828VH0	12/19/2014	20,000,000	20,012,600	20,011,051	20,023,438	Aaa	AA+	0.16	91
Sub Total / Average			20,000,000	20,012,600	20,011,051	20,023,438			0.16	91

Description	CUSIP	Settlement Date	Face Amount Shares	Market Value	Book Value	Cost Value	Moody's	S&P	YTM @ Cost	Days To Maturity
Medium Term Notes										
IBM Credit Corp 1.95 7/22/2016	459200GX3	12/24/2012	5,000,000	5,090,850	5,071,593	5,195,200	Aa3	AA-	0.84	479
GOOGLE 2.125 5/19/2016	38259PAC6	12/21/2012	3,450,000	3,516,620	3,503,130	3,609,390	Aa2	AA	0.75	415
Berkshire Hathaway 1.9 1/31/2017	084670BD9	12/19/2014	2,896,000	2,953,486	2,941,007	2,947,838	Aa2	AA	1.04	672
Johnson & Johnson 5.55 8/15/2017	478160AQ7	4/8/2014	2,000,000	2,218,540	2,202,354	2,285,580	Aaa	AAA	1.19	868
Berkshire Hathaway 2.45 12/15/2015	084664BN0	12/10/2014	1,852,000	1,877,891	1,879,458	1,891,225	Aa2	AA	0.36	259
Johnson & Johnson 5.55 8/15/2017	478160AQ7	2/13/2014	1,000,000	1,109,270	1,107,791	1,158,830	Aaa	AAA	0.93	868
Berkshire Hathaway 1.6 5/15/2017	084664BS9	2/13/2014	1,000,000	1,015,020	1,012,441	1,019,030	Aa2	AA	1.00	776
Berkshire Hathaway 2.45 12/15/2015	084664BN0	1/12/2015	1,000,000	1,013,980	1,014,064	1,018,300	Aa2	AA	0.47	259
Johnson & Johnson 0.7 1/28/2016	478160BF0	4/9/2014	1,000,000	1,001,660	1,000,246	1,000,390	Aaa	AAA	0.69	608
Sub Total / Average			19,198,000	19,797,316	19,732,084	20,125,784			0.83	551
Municipal Bonds										
Univ of California 0.392 5/15/2015	91412GPW9	3/14/2013	5,000,000	5,001,000	5,000,000	5,000,000	Aa2	AA	0.39	45
Univ of California 0.659 5/15/2016	91412GPX7	3/14/2013	2,000,000	2,000,200	2,000,000	2,000,000	Aa2	AA	0.66	411
Univ of California 0.966 5/15/2017	91412GPY5	3/14/2013	2,000,000	1,997,340	2,000,000	2,000,000	Aa2	AA	0.97	776
Newark Unified School District 0.99 8/1/2015	650264SY1	12/20/2012	1,000,000	1,000,630	1,000,000	1,000,000	NR	AA-	0.99	123
St Helena USD 0.442 8/1/2015	789636GY7	4/11/2013	805,000	805,580	805,000	805,000	NR	AAA	0.44	123
University of California 0.934 5/15/2017	91412GWT8	3/25/2015	500,000	500,165	500,000	500,000	Aa2	AA	0.93	776
Univ of California 0.634 5/15/2016	91412GUT0	4/10/2014	450,000	449,919	450,000	450,000	Aa2	AA	0.63	411
University of California 0.54 5/15/2016	91412GWS0	3/25/2015	280,000	279,818	280,000	280,000	Aa2	AA	0.54	411
Mountain View Los Altos HSD 1.02 8/1/2016	624454KX1	3/20/2015	265,000	264,571	266,122	266,147	Aa1	AA+	0.70	489
Sub Total / Average			12,300,000	12,299,222	12,301,122	12,301,147			0.62	296
Certificates of Time Deposit										
Torrey Pines Bank 0.4 10/25/2015	CD1169E	10/25/2014	9,000,000	9,000,000	9,000,000	9,000,000	NR	NR	0.40	208
Torrey Pines Bank 0.4 6/14/2015	CD1198G	6/14/2014	1,000,000	1,000,000	1,000,000	1,000,000	NR	NR	0.40	75
Community Bank of the Bay 0.3 8/23/2015	CD1873E	8/23/2014	500,000	500,000	500,000	500,000	NR	NR	0.30	145
Summit Bank 0.25 1/29/2015	CD8856E	11/29/2014	150,000	150,000	150,000	150,000	NR	NR	0.25	243
Summit Bank 0.25 12/8/2015	CD1507E	12/8/2014	100,000	100,000	100,000	100,000	NR	NR	0.25	252
Community Bank of the Bay 0.18 10/29/2015	CD0645E	10/29/2014	100,000	100,000	100,000	100,000	NR	NR	0.18	212
Metropolitan Bank 0.25 4/1/2015	CD0144B	4/11/2014	95,000	95,000	95,000	95,000	NR	NR	0.25	11
Sub Total / Average			10,945,000	10,945,000	10,945,000	10,945,000			0.39	192
Total/Average			424,475,288	425,065,402	425,059,397	425,511,991			0.34	223



EAST BAY MUNICIPAL UTILITY DISTRICT
Quarterly Investment Transactions
Three Months Ending
March 31, 2015

ATTACHMENT B

Asset Class	Description	CUSIP	Action	Settlement Date	YTM @ Cost	Face Amount/Shs	Principal	Maturity Date	Accrued Interest
Water System									
Commercial Paper Discounted	Kaiser Foundation Hospitals 0 7/6/2015	48306BU60	Buy	1/12/2015	0.26	5,000,000	4,993,681	7/6/2015	-
Medium Term Notes	Berkshire Hathaway 2.45 12/15/2015	084664BN0	Buy	1/12/2015	0.47	1,000,000	1,018,300	12/15/2015	1,838
Commercial Paper Discounted	Stanford University 0 2/12/2015	5255M5PC7	Buy	1/21/2015	0.12	10,600,000	10,599,223	2/12/2015	-
Federal Agency Issues Coupon	FFCB 0.7 12/19/2016-15	3133EDC42	Buy	1/23/2015	0.70	1,500,000	1,500,000	12/19/2016	992
Commercial Paper Discounted	Stanford University 0 3/12/2015	5255M5QC6	Buy	2/13/2015	0.12	16,200,000	16,198,542	3/12/2015	-
Commercial Paper Discounted	UC Regents 0 5/26/2015	91411USS5	Buy	2/24/2015	0.15	10,000,000	9,996,208	5/26/2015	-
Commercial Paper Discounted	Kaiser Foundation Hospitals 0 5/14/2015	48306BSE6	Buy	3/3/2015	0.20	15,000,000	14,994,000	5/14/2015	-
Commercial Paper Discounted	Stanford University 0 4/24/2015	5255M5RQ4	Buy	3/12/2015	0.12	16,200,000	16,197,678	4/24/2015	-
Municipal Bonds	Mountain View Los Altos HSD 1.02 8/1/2016	624454KX1	Buy	3/20/2015	0.70	265,000	266,147	8/1/2016	368
Wastewater System									
Federal Agency Issues Coupon	FHLB 0.14 7/14/2015	3130A3WJ9	Buy	1/14/2015	0.16	10,000,000	9,998,960	7/14/2015	-
Federal Agency Issues Coupon	FFCB 0.73 3/6/2017-15	3133EDGL0	Buy	2/13/2015	0.84	1,000,000	997,750	3/6/2017	3,184
Federal Agency Issues Coupon	FHLMC 1.125 7/28/2017-15	3134G5YH2	Buy	3/5/2015	1.13	1,350,000	1,350,000	7/28/2017	1,561
Municipal Bonds	University of California 0.54 5/15/2016	91412GWS0	Buy	3/25/2015	0.54	280,000	280,000	5/15/2016	-
Municipal Bonds	University of California 0.934 5/15/2017	91412GWT8	Buy	3/25/2015	0.93	500,000	500,000	5/15/2017	-
Federal Agency Issues Coupon	FHLB 1.1 9/25/2017-15	3130A4ML3	Buy	3/25/2015	1.10	1,470,000	1,470,000	9/25/2017	-
Water 2009 A Debt Service Reserve Fund									
Federal Agency Issues Coupon	FNMA 2 2/25/2016	3136FPCF2	Sell	1/20/2015	N/A	1,700,000	1,731,739	1,745,433	13,694
Water 2005 A Debt Service Reserve Fund									
Guaranteed Investment Contracts	FSA Capital Management 4.855 6/1/2035	S86264610	Sell	3/3/2015	N/A	12,000,000	12,000,000	13,979,238	1,979,238

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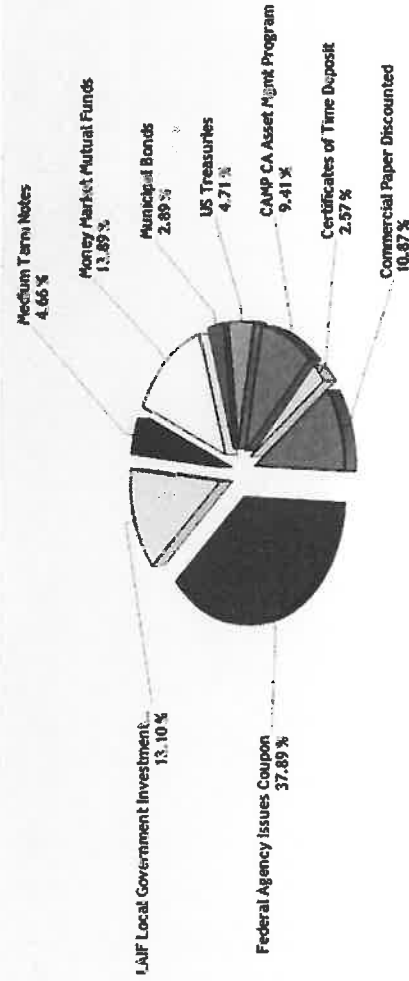
Eric L. Sandler, Director of Finance Date



EAST BAY MUNICIPAL UTILITY DISTRICT
Investment Portfolio
Yield and Composition - by Asset Class
March 31, 2015

ATTACHMENT C-1

Portfolio Holdings Distribution by Asset Class



CREDIT ALLOCATIONS

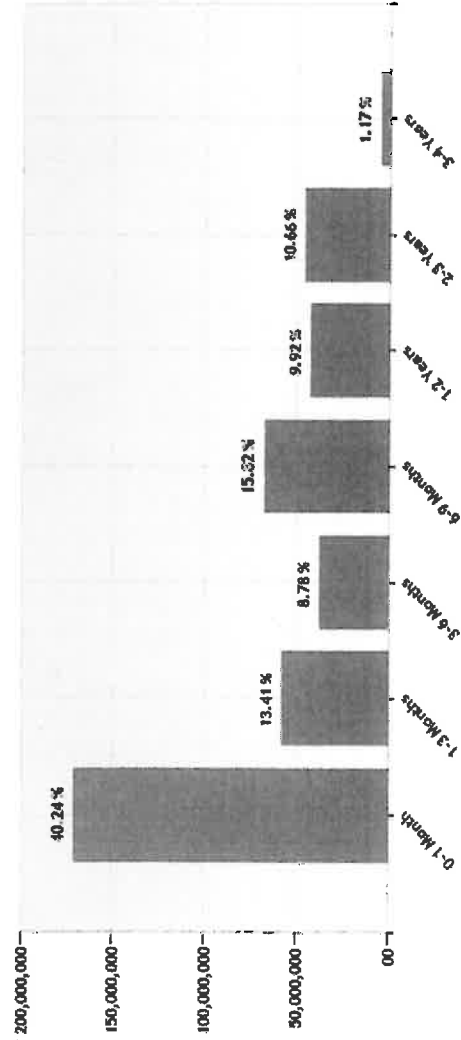
Rating Agency: Standard & Poors

US Agencies (Aaa/AA+)	48%
AAA	19%
AA	13%
A	0%
Not Rated	20%
Total	100%

US Agencies
 AAA
 AA
 A
 NR

Includes US Agencies and US Treasury Notes
 Includes Corporate & Municipal Securities,
 AAA Rated Money Market Funds, and CAMP
 Includes Corporate & Municipal Securities, FSA GIC and CP
 Includes Corporate, Municipal Securities & Money Market Fund
 Includes investments in LAIF & Bank Certificate of Deposits

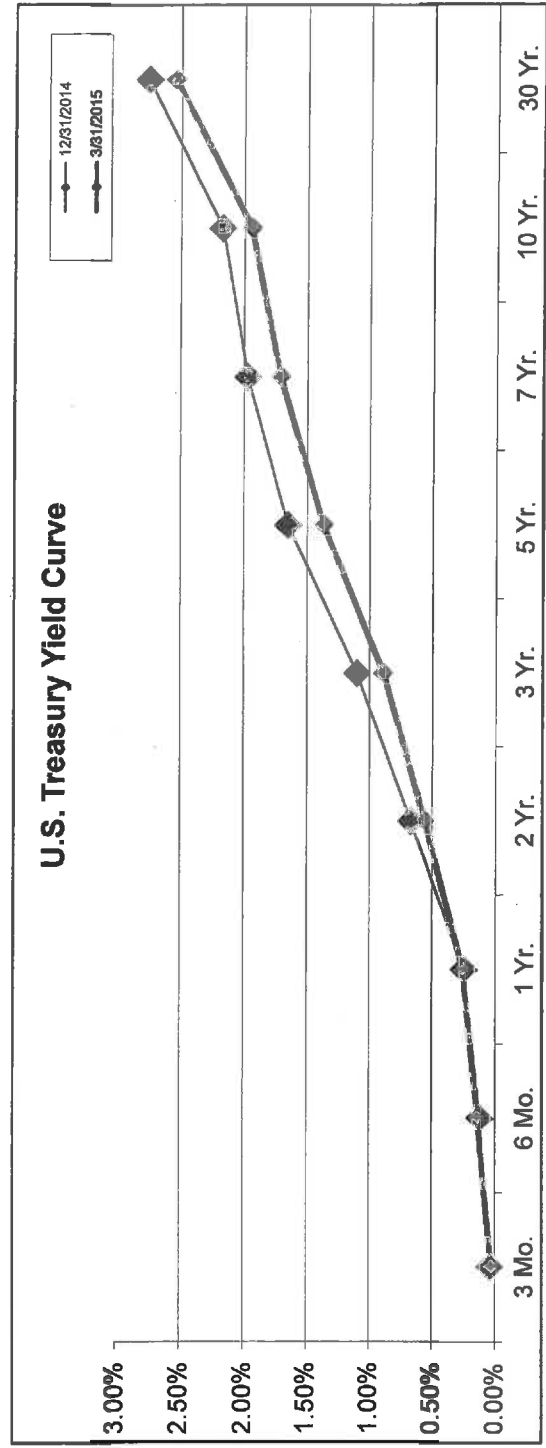
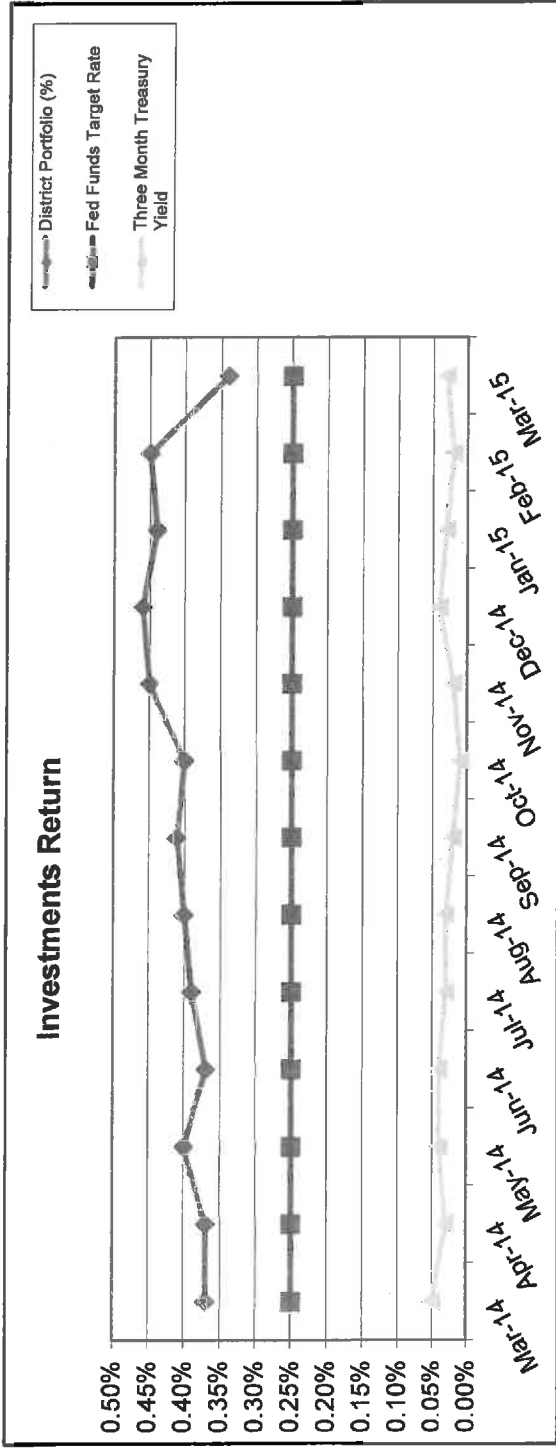
Portfolio Holdings Distribution by Maturity Range





EAST BAY MUNICIPAL UTILITY DISTRICT
Investment Portfolio
Yield and Composition of Investment Portfolio
March 31, 2015

ATTACHMENT C-2





EAST BAY MUNICIPAL UTILITY DISTRICT
Investment Portfolio
Yield and Composition of Investment Portfolio
March 31, 2015

ATTACHMENT C-3

Projected Cash Flow (in \$Millions)

Water System

Month End	Matured Investments	Projected			Matured reinvested
		Receipts	Disbursements	Cash & Investments	
Mar-15				334.0	
Apr-15	16.0	35.5	38.3	331.2	16.0
May-15	56.0	36.4	126.7	240.9	56.0
Jun-15	21.0	137.0	39.4	338.5	21.0
Jul-15	5.0	47.0	47.0	338.5	5.0
Aug-15	2.3	48.4	36.0	350.9	2.3
Sep-15		45.6	39.0	357.5	

Wastewater System

Month End	Matured Investments	Projected			Matured reinvested
		Receipts	Disbursements	Cash & Investments	
Mar-15				96.0	
Apr-15		23.0	11.6	107.4	
May-15		8.3	26.8	88.9	
Jun-15		7.0	8.0	87.9	
Jul-15	10.0	7.0	8.0	86.9	10.0
Aug-15		7.0	8.0	85.9	
Sep-15		7.0	8.0	84.9	