

### The City of San Diego

#### MEMORANDUM

DATE: January 18, 2023

TO: Distribution

FROM: Elizabeth Correia, City Treasurer

SUBJECT: Monthly Investment Report – December 31, 2022

Attached is the City Treasurer's Monthly Investment Report, which includes three schedules. The investments are in conformance with the City Treasurer's <u>Investment Policy</u> and are sufficiently liquid to meet the City's expenditure requirements for the next six months as required by California Government Code section 53646(b)(3).

In compliance with the Investment Policy, all securities met the minimum credit rating requirement at the time of purchase. The following security was below the minimum Investment Policy credit rating for the applicable investment category as of month end:

Issuer	Maturity	Par Amount	S&P Rating	Moody's Rating
Credit Suisse NY Comm Paper	02/10/2023	\$50,000,000	A-2	P-2

Our Investments Division continues to closely monitor the issuer and the financial market for any significant change.

If you have any questions, please contact Kent Morris, Chief Investment Officer, at (619) 236-6112.

#### EC/km

#### Attachments:

- I. Schedule I:
  - a. City's pooled investment holdings
  - b. City's pooled investment maturity distribution schedule
  - c. City's pooled investment historical earned income yields and weighted average days to maturity
- II. Schedule II: Pooled Portfolio Position Detail Report
- III. Appendix: Glossary of Investment Terms

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#### Distribution:

Honorable Mayor Todd Gloria
Honorable Mara Elliott, City Attorney
Honorable Council President Elo-Rivera and Members of the City Council
Paola Avila, Chief of Staff, Office of the Mayor
Eric Dargan, Chief Operating Officer
Charles Modica, Independent Budget Analyst
Deborah Higgins, Investment Advisory Committee
Stefan Meierhofer, Investment Advisory Committee
Jayson Schmitt, Investment Advisory Committee
Matt Vespi, Chief Financial Officer and Investment Advisory Committee
Jyothi Pantulu, Assistant Director, Department of Finance and Investment Advisory
Committee

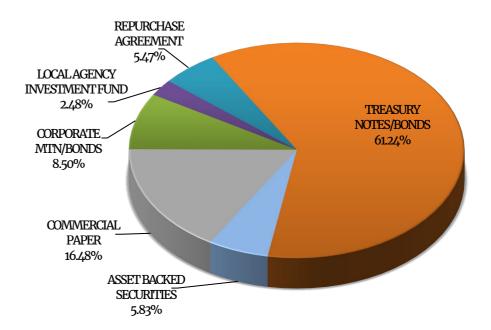
cc: Jessica Lawrence, Director of Policy, Office of the Mayor Rolando Charvel, Director, Department of Finance and City Comptroller Kent J. Morris, Chief Investment Officer, Office of the City Treasurer Nicole LeClair-Miller, Deputy Director, Office of the City Treasurer Jeremy Shortess, Principal Accountant, Office of the City Treasurer



ASSET ALLOCATION					
	Current Par	<b>Current Book</b>			Yield to
Assets (000's)	Value	Value	Market Value	Mkt/Book	<b>Maturity 365</b>
ASSET BACKED SECURITIES	156,740	155,430	152,701	98.24%	3.10%
COMMERCIAL PAPER	450,000	439,555	442,954	100.77%	4.39%
CORPORATE MTN/BONDS	230,220	226,754	223,647	98.63%	2.60%
LOCAL AGENCY INVESTMENT FUND	66,246	66,246	66,246	100.00%	1.35%
REPURCHASE AGREEMENT	145,800	145,800	145,800	100.00%	4.14%
TREASURY NOTES/BONDS	1,635,000	1,633,123	1,563,335	95.73%	1.43%
Totals (000's):	2,684,006	2,666,908	2,594,682	97.29%	2.26%

Portfolio Breakdown & Statistics		
	Liquidity	Core
Portfolio Size	\$829,916,905	\$1,836,991,166
% of total pool	31.12%	68.88%
Portfolio Duration*	0.25	1.77
Index Duration*	0.27	1.80
% of index	92.51%	98.33%
Weighted Average Days to Maturity	93	738
Earned Income Yield	3.151%	1.506%

<sup>\*</sup> Macaulay's Duration for Liquidity and Effective Duration for Core.



**Pooled Portfolio Composition by Book Value** 



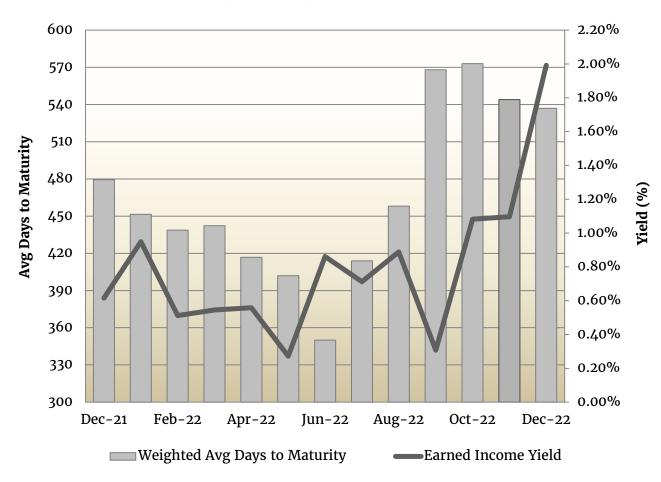
MATURITY DISTRIBUTION									
Current Book Value (000's)	0-3 Mos	3-6 Mos	6-9 Mos	9-12 Mos	1-2 Yr	2-3 Yr	3-4 Yr	4-5 Yr	<b>Totals</b> (000's)
ASSET BACKED SECURITIES						29,959	26,999	98,472	155,430
COMMERCIAL PAPER	166,940	272,615							439,555
CORPORATE MTN/BONDS	22,699	47,599	32,986		29,965	79,945	13,560		226,754
LOCAL AGENCY INVESTMENT FUND	66,246								66,246
REPURCHASE AGREEMENT	145,800	<b>■</b>							145,800
TREASURY NOTES/BONDS		75,033	99,865	100,232	708,747	649,246			1,633,123
Totals (000's):	401,684	395,247	132,851	100,232	738,712	759,150	40,559	98,472	2,666,908
% of Portfolio	15.06%	14.82%	4.98%	3.76%	27.70%	28.47%	1.52%	3.69%	100.00%



# PORTFOLIO - EARNED INCOME YIELD

Month	Earned Income Yield	Weighted Avg Days to Maturity
Dec-21	0.62%	479
Jan-22	0.95%	451
Feb-22	0.51%	439
Mar-22	0.55%	442
Apr-22	0.56%	417
May-22	0.27%	402
Jun-22	0.86%	350
Jul-22	0.71%	414
Aug-22	0.89%	458
Sep-22	0.31%	568
Oct-22	1.08%	573
Nov-22	1.10%	544
Dec-22	1.99%	537

## **Yield and Weighted Average Days to Maturity Trends**



**Asset Backed Secs** 

Capital One

Total

American Express Credt

American Express Credt

American Express Credt

Count 9

**Chase Issuance Trust** 

14041NGA3

02582JJV3

161571HS6

02582JJX9

02582JJX9

3.490

3.750

3.970

4.950

4.950

2.758

4.794

3.896

4.010

5.004

5.185

3.102



TREASURY	Issuer	CUSIP	Coupon	Yield to	Modified	Purchase	Maturity	Current Par Value	Current Book Value	Market Value	Market	Price
NOTES/BONDS			Rate	Maturity	Duration	Date	Date				Price	Source
Treasury Notes	UST Note	912828ZU7	0.250	0.169	0.452	12/1/2022	6/15/2023	75,000,000.00	75,032,826.62	73,546,875.00	98.063	CDL
Treasury Notes	UST Note	91282CAK7	0.125	0.153	0.685	10/1/2020	9/15/2023	50,000,000.00	49,958,984.38	48,431,650.00	96.863	CDL
Treasury Notes	UST Note	91282CAK7	0.125	0.191	0.685	11/2/2020	9/15/2023	50,000,000.00	49,906,250.00	48,431,650.00	96.863	CDL
Treasury Notes	UST Note	91282CAW1	0.250	0.186	0.849	12/1/2020	11/15/2023	50,000,000.00	50,093,750.00	48,078,150.00	96.156	CDL
Treasury Notes	UST Note	91282CAW1	0.250	0.153	0.849	1/5/2021	11/15/2023	50,000,000.00	50,138,671.88	48,078,150.00	96.156	CDL
Treasury Notes	UST Note	91282CBE0	0.125	0.174	1.013	2/1/2021	1/15/2024	50,000,000.00	49,927,734.38	47,674,300.00	95.349	CDL
Treasury Notes	UST Note	91282CBE0	0.125	0.316	1.013	3/1/2021	1/15/2024	50,000,000.00	49,726,562.50	47,674,300.00	95.349	CDL
Treasury Notes	UST Note	91282CBR1	0.250	0.334	1.171	4/1/2021	3/15/2024	60,000,000.00	59,852,343.75	56,880,480.00	94.801	CDL
Treasury Notes	UST Note	91282CBV2	0.375	0.336	1.252	5/4/2021	4/15/2024	50,000,000.00	50,056,640.63	47,312,500.00	94.625	CDL
Treasury Notes	UST Note	91282CCC3	0.250	0.296	1.336	5/28/2021	5/15/2024	75,000,000.00	74,897,460.94	70,590,825.00	94.121	CDL
Treasury Notes	UST Note	91282CCG4	0.250	0.458	1.418	7/1/2021	6/15/2024	50,000,000.00	49,695,312.50	46,925,800.00	93.852	CDL
Treasury Notes	UST Note	91282CCL3	0.375	0.346	1.497	8/3/2021	7/15/2024	50,000,000.00	50,042,968.75	46,837,900.00	93.676	CDL
Treasury Notes	UST Note	91282CCT6	0.375	0.398	1.579	9/1/2021	8/15/2024	75,000,000.00	74,950,195.31	70,066,425.00	93.422	CDL
Treasury Notes	UST Note	91282CCX7	0.375	0.527	1.657	10/1/2021	9/15/2024	50,000,000.00	49,777,343.75	46,599,600.00	93.199	CDL
Treasury Notes	UST Note	91282CDB4	0.625	0.760	1.736	11/1/2021	10/15/2024	75,000,000.00	74,704,101.56	70,040,025.00	93.387	CDL
Treasury Notes	UST Note	91282CDH1	0.750	0.749	1.817	12/1/2021	11/15/2024	50,000,000.00	50,001,953.13	46,667,950.00	93.336	CDL
Treasury Notes	UST Note	91282CDN8	1.000	0.947	1.895	1/3/2022	12/15/2024	75,000,000.00	75,114,257.81	70,195,350.00	93.594	CDL
Treasury Notes	UST Note	912828Z52	1.375	1.402	2.002	2/1/2022	1/31/2025	50,000,000.00	49,960,937.50	46,992,200.00	93.984	
Treasury Notes	UST Note	91282CDZ1	1.500	1.638	2.038	3/1/2022	2/15/2025	50,000,000.00	49,800,781.25	47,066,400.00	94.133	
Treasury Notes	UST Note	9128284F4	2.625	2.471	2.132	3/31/2022	3/31/2025	50,000,000.00	50,220,703.13	48,171,900.00	96.344	CDL
Treasury Notes	UST Note	91282CEH0	2.625	2.863	2.173	4/29/2022	4/15/2025	50,000,000.00	49,664,062.50	48,121,100.00	96.242	CDL
Treasury Notes	UST Note	91282CEQ0	2.750	2.753	2.252	5/31/2022	5/15/2025	50,000,000.00	49,996,093.75	48,214,850.00	96.430	
Treasury Notes	UST Note	91282CEU1	2.875	3.036	2.331	7/1/2022	6/15/2025	50,000,000.00	49,773,437.50	48,326,150.00	96.652	CDL
Treasury Notes	UST Note	91282CEY3	3.000	2.843	2.375	8/1/2022	7/15/2025	100,000,000.00	100,579,993.21	96,859,400.00	96.859	
Treasury Notes	UST Note	91282CFE6	3.125	3.444	2.453	9/1/2022	8/15/2025	150,000,000.00	148,880,604.62	145,628,850.00	97.086	
Treasury Notes	UST Note	91282CFP1	4.250	4.320	2.578	12/2/2022	10/15/2025	100,000,000.00	100,369,033.31	99,921,900.00	99.922	CDL
	Total Count 26		1.371	1.427	1.677			1,635,000,000.00	1,633,123,004.66	1,563,334,680.00	95.617	ı
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LOCAL AGENCY	Issuer	CUSIP	Coupon	Yield to	Modified	Purchase	Maturity	Current Par Value	Current Book Value	Market Value	Market	Price
INVESTMENT FUND			Rate	Maturity	Duration	Date	Date				Price	Source
LAIF	LAIF	SYS49819	1.350	1.350	0.000	3/31/2003	1/1/2023	66,246,029.21	66,246,029.21	66,246,029.21	100.000	Book
	Total Count 1		1.350	1.350	0.000			66,246,029.21	66,246,029.21	66,246,029.21	100.000	ı
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ASSET BACKED	Issuer	CUSIP	Coupon	Yield to	Modified	Purchase	Maturity	Current Par Value	Current Book Value	Market Value	Market	Price
SECURITIES			Rate	Maturity	Duration	Date	Date				Price	Source
Asset Backed Secs	Chase Issuance Trust	161571HP2	1.530	1.545	1.060	2/18/2020	1/15/2025	12,000,000.00	11,997,250.80	11,986,692.00	99.889	CDL
Asset Backed Secs	Chase Issuance Trust	161571HP2	1.530	0.154	0.988	1/6/2021	1/15/2025	17,500,000.00	17,962,109.38	17,480,592.50	99.889	
Asset Backed Secs	Capital One	14041NFW6		0.552	1.729	7/22/2021	7/15/2026	27,000,000.00	26,998,906.50	25,263,171.00	93.567	
Asset Backed Secs	Capital One	14041NFZ9	2.800	4.872	1.945	10/7/2022	3/15/2027	20,000,000.00	19,130,468.75	19,169,860.00	95.849	
A seed Deelled Sees	Cartal One	140411127	2.000	4.072		20,1,2022	7,2021	25,555,555.00	27,230,400.73	17,10 7,000.00	77.047	NANII

2.026

2.190

2.168

2.205

2.205

1.828

9/30/2022 5/15/2027

9/12/2022 8/16/2027

9/16/2022 9/15/2027

11/3/2022 10/15/2027

11/3/2022 10/15/2027

24,285,156.25

27,589,380.47

9,998,331.00

9,999,504.00

7,469,238.28

155,430,345.43

25,000,000.00

27,740,000.00

10,000,000.00

10,000,000.00

7,500,000.00

156,740,000.00

24,270,000.00

27,118,374.34

9,782,890.00

10,073,810.00

7,555,357.50

152,700,747.34

97.080 MNL

97.759 CDL

97.829 CDL

100.738 CDL

100.738 CDL

97.423



REPURCHASE AGREEMENT	Issuer	CUSIP	Coupon Rate	Yield to Maturity	Modified Duration	Purchase Date	Maturity Date	Current Par Value	Current Book Value	Market Value	Market Price	Price Source
Repurchase Agreement	JP Morgan Repurchase Agmt	REP079780	4.110	4.167	0.005	12/29/2022	1/3/2023	120,000,000.00	120,000,000.00	120,000,000.00	100.000	CDL
Repurchase Agreement	JP Morgan Repurchase Agmt	REP079782	3.950	4.005	0.005	12/30/2022	1/3/2023	25,800,000.00	25,800,000.00	25,800,000.00	100.000	CDL
C	Total Count 2		4.082	4.138	0.005			145,800,000.00	145,800,000.00	145,800,000.00	100.000	-
COMMERCIAL PAPER	Issuer	CUSIP	Coupon Rate	Yield to Maturity	Modified Duration	Purchase Date	Maturity Date	Current Par Value	Current Book Value	Market Value	Market Price	Price Source
Commercial Paper	Natixis SA	63873KP19	3.530	3.642	0.084	8/9/2022	2/1/2023	50,000,000.00	49,137,111.11	49,802,300.00	99.605	CDL
Commercial Paper	Credit Suisse NY	2254EBPA3	3.540	3.737	0.108	8/10/2022	2/10/2023	50,000,000.00	49,095,333.33	49,702,700.00	99.405	
Commercial Paper	Societe Generale	83369CPF5	3.390	3.575	0.122	8/15/2022	2/15/2023	50,000,000.00	49,133,666.67	49,717,000.00	99.434	
Commercial Paper	JPMorgan Chase	46640QQN4		3.820	0.217	8/22/2022	3/22/2023	20,000,000.00	19,573,644.44	19,789,800.00	98.949	
Commercial Paper	Credit Agricole	22533USC8	3.690	3.863	0.352	9/7/2022	5/12/2023	50,000,000.00	48,734,125.00	49,139,750.00	98.280	
Commercial Paper	JP Morgan Securities	46590ESW9		4.055	0.400	9/2/2022	5/30/2023	30,000,000.00	29,131,500.00	29,397,630.00	97.992	
Commercial Paper	Mizuho Bank	60689GTD8		5.094	0.436	12/14/2022	6/13/2023	50,000,000.00	48,768,194.44	48,888,500.00	97.777	
Commercial Paper	Bayerische Landesbank	07274MTF2	4.850	5.041	0.442	12/15/2022	6/15/2023	50,000,000.00	48,774,027.78	48,875,000.00	97.750	
Commercial Paper Commercial Paper	Korea Development Bank MUFG Bank	5006E1TL8	5.020	5.282	0.454	12/16/2022	6/20/2023	50,000,000.00 50,000,000.00	48,703,166.67	48,835,650.00	97.671	
Commercial Paper	Total Count 10	62479MTP8	5.080 4.194	5.340	0.462	11/23/2022	6/23/2023		48,504,222.22	48,805,400.00	97.611	-
	Total Count to		4.194	4.390	0.309			450,000,000.00	439,554,991.66	442,953,730.00	98.434	-
CORPORATE	Issuer	CUSIP	Coupon	Yield to	Modified	Purchase	Maturity	Current Par Value	Current Book Value	Market Value	Market	Price
CORPORATE MTN/BONDS	Issuer	CUSIP	Coupon Rate	Yield to Maturity	Modified Duration	Purchase Date	Maturity Date	Current Par Value	Current Book Value	Market Value	Market Price	Price Source
	Issuer US BANK NA	CUSIP 90331HPF4	_				_	Current Par Value 10,000,000.00	Current Book Value 10,060,152.08			Source
MTN/BONDS			Rate	Maturity	Duration	Date	Date			Market Value 9,995,700.00 12,482,729.45	Price	Source CDL
MTN/BONDS  Medium Term Notes	US BANK NA	90331HPF4	Rate 1.950	Maturity 1.965	Duration 0.021	Date 11/1/2022	Date 1/9/2023	10,000,000.00	10,060,152.08	9,995,700.00	99.957 99.966 98.706	Source CDL CDL CDL
MTN/BONDS  Medium Term Notes Medium Term Notes	US BANK NA Bank of America	90331HPF4 06051GEU9	1.950 3.300	1.965 2.219	0.021 0.027	Date 11/1/2022 11/1/2022	Date 1/9/2023 1/11/2023	10,000,000.00 12,487,000.00	10,060,152.08 12,638,510.52	9,995,700.00 12,482,729.45	Price 99.957 99.966	Source CDL CDL CDL
MTN/BONDS  Medium Term Notes Medium Term Notes Medium Term Notes	US BANK NA Bank of America Pepsico Inc	90331HPF4 06051GEU9 713448EY0	1.950 3.300 0.750	1.965 2.219 0.274	0.021 0.027 0.328	Date  11/1/2022 11/1/2022 11/1/2022	Date  1/9/2023 1/11/2023 5/1/2023	10,000,000.00 12,487,000.00 16,000,000.00	10,060,152.08 12,638,510.52 16,038,013.00	9,995,700.00 12,482,729.45 15,792,896.00	99.957 99.966 98.706	CDL CDL CDL CDL CDL
MTN/BONDS  Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6	1.950 3.300 0.750 2.400	1.965 2.219 0.274 1.899	0.021 0.027 0.328 0.334	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022	Date  1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/18/2023	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52	99.957 99.966 98.706 99.200 99.200	CDL CDL CDL CDL CDL CDL CDL
MTN/BONDS  Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5	1.950 3.300 0.750 2.400	1.965 2.219 0.274 1.899 0.321	0.021 0.027 0.328 0.334 0.334 0.375 0.603	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022	Date  1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 13,170,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00	99.957 99.966 98.706 99.200 99.156 97.298	CDL CDL CDL CDL CDL CDL CDL
MTN/BONDS  Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation Bank of New York Mellon	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5 06406FAD5	1.950 3.300 0.750 2.400 2.400 2.700 0.500 2.200	1.965 2.219 0.274 1.899 0.321 2.174 0.327 2.015	0.021 0.027 0.328 0.334 0.375 0.603 0.605	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022	Date  1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/18/2023 8/14/2023 8/16/2023	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 13,170,000.00 15,000,000.00 17,842,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63 17,949,350.02	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00 17,566,091.31	99.957 99.966 98.706 99.200 99.156 97.298 98.454	CDL
MTN/BONDS  Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation Bank of New York Mellon PACCAR Inc	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5 06406FAD5 69371RR24	1.950 3.300 0.750 2.400 2.400 2.700 0.500 2.200 0.350	1.965 2.219 0.274 1.899 0.321 2.174 0.327 2.015 0.389	0.021 0.027 0.328 0.334 0.375 0.603 0.605 1.056	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 2/2/2021	Date  1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/18/2023 8/14/2023 8/16/2023 2/2/2024	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 13,170,000.00 15,000,000.00 17,842,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63 17,949,350.02 9,988,400.00	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00 17,566,091.31 9,512,530.00	99.957 99.966 98.706 99.200 99.156 97.298 98.454 95.125	CDL
MTN/BONDS  Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation Bank of New York Mellon PACCAR Inc Bank of New York Mellon	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5 06406FAD5 69371RR24 06406RAS6	1.950 3.300 0.750 2.400 2.400 2.700 0.500 2.200 0.350 0.500	1.965 2.219 0.274 1.899 0.321 2.174 0.327 2.015 0.389 0.536	0.021 0.027 0.328 0.334 0.375 0.603 0.605 1.056 1.283	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 2/2/2021 4/26/2021	Date  1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/18/2023 8/14/2023 8/16/2023 2/2/2024 4/26/2024	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 13,170,000.00 15,000,000.00 17,842,000.00 10,000,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63 17,949,350.02 9,988,400.00 14,983,950.00	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00 17,566,091.31 9,512,530.00 14,154,690.00	99.957 99.966 98.706 99.200 99.156 97.298 98.454 95.125 94.365	CDL
MTN/BONDS  Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation Bank of New York Mellon PACCAR Inc Bank of New York Mellon Amazon	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5 06406FAD5 69371RR24 06406RAS6 023135BW5	1.950 3.300 0.750 2.400 2.400 2.700 0.500 2.200 0.350 0.500 0.450	1.965 2.219 0.274 1.899 0.321 2.174 0.327 2.015 0.389 0.536 0.499	0.021 0.027 0.328 0.334 0.375 0.603 0.605 1.056 1.283 1.327	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 2/2/2021 4/26/2021 5/12/2021	Date  1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/18/2023 8/14/2023 8/16/2023 2/2/2024 4/26/2024 5/12/2024	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 13,170,000.00 15,000,000.00 17,842,000.00 10,000,000.00 15,000,000.00 5,000,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63 17,949,350.02 9,988,400.00 14,983,950.00 4,992,700.00	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00 17,566,091.31 9,512,530.00 14,154,690.00 4,709,490.00	99.957 99.966 98.706 99.200 99.156 97.298 98.454 95.125 94.365 94.190	CDL
MTN/BONDS  Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation Bank of New York Mellon PACCAR Inc Bank of New York Mellon Amazon Microsoft Corp	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5 06406FAD5 69371RR24 06406RAS6 023135BW5 594918BB9	1.950 3.300 0.750 2.400 2.400 2.700 0.500 2.200 0.350 0.500 0.450 2.700	1.965 2.219 0.274 1.899 0.321 2.174 0.327 2.015 0.389 0.536 0.499 4.615	0.021 0.027 0.328 0.334 0.375 0.603 0.605 1.056 1.283 1.327 1.999	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 2/2/2021 4/26/2021 5/12/2021 9/29/2022	1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/18/2023 8/14/2023 8/16/2023 2/2/2024 4/26/2024 5/12/2025	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 13,170,000.00 15,000,000.00 10,000,000.00 15,000,000.00 5,000,000.00 25,000,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63 17,949,350.02 9,988,400.00 14,983,950.00 4,992,700.00 24,024,375.00	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00 17,566,091.31 9,512,530.00 14,154,690.00 4,709,490.00 24,016,675.00	99.957 99.966 98.706 99.200 99.156 97.298 98.454 95.125 94.365 94.190 96.067	CDL
MTN/BONDS  Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation Bank of New York Mellon PACCAR Inc Bank of New York Mellon Amazon Microsoft Corp Toyota Corporation	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5 06406FAD5 69371RR24 06406RAS6 023135BW5 594918BB9 89236TKC8	1.950 3.300 0.750 2.400 2.400 2.700 0.500 2.200 0.350 0.500 0.450 2.700 3.950	1.965 2.219 0.274 1.899 0.321 2.174 0.327 2.015 0.389 0.536 0.499 4.615 4.511	0.021 0.027 0.328 0.334 0.375 0.603 0.605 1.056 1.283 1.327 1.999 2.344	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 2/2/2021 4/26/2021 5/12/2021 9/29/2022 9/23/2022	Date  1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/18/2023 8/14/2023 8/16/2023 2/2/2024 4/26/2024 5/12/2024 2/12/2025 6/30/2025	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 13,170,000.00 15,000,000.00 17,842,000.00 10,000,000.00 15,000,000.00 5,000,000.00 25,000,000.00 24,765,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63 17,949,350.02 9,988,400.00 14,983,950.00 4,992,700.00 24,024,375.00 24,405,659.85	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00 17,566,091.31 9,512,530.00 14,154,690.00 4,709,490.00 24,016,675.00 24,243,894.87	99.957 99.966 98.706 99.200 99.156 97.298 98.454 95.125 94.365 94.190 96.067 97.896	CDL
MTN/BONDS  Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation Bank of New York Mellon PACCAR Inc Bank of New York Mellon Amazon Microsoft Corp Toyota Corporation Home Depot	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5 06406FAD5 69371RR24 06406RAS6 023135BW5 594918BB9 89236TKC8 437076CR1	1.950 3.300 0.750 2.400 2.400 2.700 0.500 2.200 0.350 0.500 0.450 2.700 3.950 4.000	1.965 2.219 0.274 1.899 0.321 2.174 0.327 2.015 0.389 0.536 0.499 4.615 4.511 4.294	0.021 0.027 0.328 0.334 0.375 0.603 0.605 1.056 1.283 1.327 1.999 2.344 2.506	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 2/2/2021 4/26/2021 5/12/2021 9/29/2022 9/23/2022	1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/18/2023 8/14/2023 8/16/2023 2/2/2024 4/26/2024 5/12/2024 2/12/2025 6/30/2025 9/15/2025	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 13,170,000.00 15,000,000.00 17,842,000.00 10,000,000.00 15,000,000.00 25,000,000.00 24,765,000.00 11,272,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63 17,949,350.02 9,988,400.00 14,983,950.00 4,992,700.00 24,024,375.00 24,405,659.85 11,185,255.70	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00 17,566,091.31 9,512,530.00 14,154,690.00 4,709,490.00 24,016,675.00 24,243,894.87 11,138,697.33	99.957 99.966 98.706 99.200 99.156 97.298 98.454 95.125 94.365 94.190 96.067 97.896 98.817	CDL
Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation Bank of New York Mellon PACCAR Inc Bank of New York Mellon Amazon Microsoft Corp Toyota Corporation Home Depot UnitedHealth Group	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5 06406FAD5 69371RR24 06406RAS6 023135BW5 594918BB9 89236TKC8 437076CR1 91324PEN8	1.950 3.300 0.750 2.400 2.400 2.700 0.500 2.200 0.350 0.500 0.450 2.700 3.950 4.000 5.150	1.965 2.219 0.274 1.899 0.321 2.174 0.327 2.015 0.389 0.536 0.499 4.615 4.511 4.294 5.154	0.021 0.027 0.328 0.334 0.375 0.603 0.605 1.056 1.283 1.327 1.999 2.344 2.506 2.552	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 2/2/2021 4/26/2021 5/12/2021 9/29/2022 9/23/2022 9/23/2022 10/28/2022	1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/3/2023 5/18/2023 8/14/2023 8/16/2023 2/2/2024 4/26/2024 5/12/2024 2/12/2025 6/30/2025 9/15/2025 10/15/2025	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 15,000,000.00 17,842,000.00 15,000,000.00 5,000,000.00 25,000,000.00 24,765,000.00 11,272,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63 17,949,350.02 9,988,400.00 14,983,950.00 4,992,700.00 24,024,375.00 24,024,375.00 24,405,659.85 11,185,255.70 6,999,370.00	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00 17,566,091.31 9,512,530.00 14,154,690.00 4,709,490.00 24,016,675.00 24,243,894.87 11,138,697.33 7,079,835.00	99.957 99.966 98.706 99.200 99.156 97.298 98.454 95.125 94.365 94.190 96.067 97.896 98.817 101.141	CDL
Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation Bank of New York Mellon PACCAR Inc Bank of New York Mellon Amazon Microsoft Corp Toyota Corporation Home Depot UnitedHealth Group Visa Inc	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5 06406FAD5 69371RR24 06406RAS6 023135BW5 594918BB9 89236TKC8 437076CR1 91324PEN8 92826CAD4	1.950 3.300 0.750 2.400 2.400 2.700 0.500 2.200 0.350 0.500 2.700 3.950 4.000 5.150 3.150	1.965 2.219 0.274 1.899 0.321 2.174 0.327 2.015 0.389 0.536 0.499 4.615 4.511 4.294 5.154 4.888	0.021 0.027 0.328 0.334 0.375 0.603 0.605 1.056 1.283 1.327 1.999 2.344 2.506 2.552 2.774	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 2/2/2021 4/26/2021 5/12/2021 9/29/2022 9/23/2022 9/23/2022 10/28/2022 10/26/2022	1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/38/2023 8/14/2023 8/16/2023 2/2/2024 4/26/2024 5/12/2025 6/30/2025 9/15/2025 10/15/2025 12/14/2025	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 15,000,000.00 17,842,000.00 15,000,000.00 15,000,000.00 25,000,000.00 24,765,000.00 11,272,000.00 7,000,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63 17,949,350.02 9,988,400.00 14,983,950.00 4,992,700.00 24,024,375.00 24,024,375.00 24,405,659.85 11,185,255.70 6,999,370.00 13,330,820.96	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00 17,566,091.31 9,512,530.00 14,154,690.00 4,709,490.00 24,016,675.00 24,243,894.87 11,138,697.33 7,079,835.00 13,527,858.30	99.957 99.966 98.706 99.200 99.156 97.298 98.454 95.125 94.365 94.190 96.067 97.896 98.817 101.141 96.407	CDL
Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation Bank of New York Mellon PACCAR Inc Bank of New York Mellon Amazon Microsoft Corp Toyota Corporation Home Depot UnitedHealth Group Visa Inc Apple Corp	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5 06406FAD5 69371RR24 06406RAS6 023135BW5 594918BB9 89236TKC8 437076CR1 91324PEN8	Rate  1.950 3.300 0.750 2.400 2.400 2.700 0.500 0.500 0.450 2.700 3.950 4.000 5.150 3.150 0.700	1.965 2.219 0.274 1.899 0.321 2.174 0.327 2.015 0.389 0.536 0.499 4.615 4.511 4.294 5.154 4.888 4.651	0.021 0.027 0.328 0.334 0.375 0.603 0.605 1.056 1.283 1.327 1.999 2.344 2.506 2.552 2.774 2.994	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 2/2/2021 4/26/2021 5/12/2021 9/29/2022 9/23/2022 9/23/2022 10/28/2022	1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/3/2023 5/18/2023 8/14/2023 8/16/2023 2/2/2024 4/26/2024 5/12/2024 2/12/2025 6/30/2025 9/15/2025 10/15/2025	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 13,170,000.00 15,000,000.00 17,842,000.00 15,000,000.00 25,000,000.00 24,765,000.00 11,272,000.00 7,000,000.00 14,032,000.00 15,419,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63 17,949,350.02 9,988,400.00 14,983,950.00 4,992,700.00 24,024,375.00 24,024,375.00 24,024,375.00 24,405,659.85 11,185,255.70 6,999,370.00 13,330,820.96 13,560,111.06	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00 17,566,091.31 9,512,530.00 14,154,690.00 4,709,490.00 24,016,675.00 24,243,894.87 11,138,697.33 7,079,835.00 13,527,858.30 13,685,580.60	99.957 99.966 98.706 99.200 99.156 97.298 98.454 95.125 94.365 94.190 96.067 97.896 98.817 101.141 96.407 88.758	CDL
Medium Term Notes	US BANK NA Bank of America Pepsico Inc Apple Corp Apple Corp JPMorgan Chase Toyota Corporation Bank of New York Mellon PACCAR Inc Bank of New York Mellon Amazon Microsoft Corp Toyota Corporation Home Depot UnitedHealth Group Visa Inc	90331HPF4 06051GEU9 713448EY0 037833AK6 037833AK6 46625HRL6 89236THF5 06406FAD5 69371RR24 06406RAS6 023135BW5 594918BB9 89236TKC8 437076CR1 91324PEN8 92826CAD4	1.950 3.300 0.750 2.400 2.400 2.700 0.500 2.200 0.350 0.500 2.700 3.950 4.000 5.150 3.150	1.965 2.219 0.274 1.899 0.321 2.174 0.327 2.015 0.389 0.536 0.499 4.615 4.511 4.294 5.154 4.888	0.021 0.027 0.328 0.334 0.375 0.603 0.605 1.056 1.283 1.327 1.999 2.344 2.506 2.552 2.774	Date  11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 11/1/2022 2/2/2021 4/26/2021 5/12/2021 9/29/2022 9/23/2022 9/23/2022 10/28/2022 10/26/2022 9/29/2022	1/9/2023 1/11/2023 5/1/2023 5/3/2023 5/3/2023 5/38/2023 8/14/2023 8/16/2023 2/2/2024 4/26/2024 5/12/2025 6/30/2025 9/15/2025 10/15/2025 12/14/2025	10,000,000.00 12,487,000.00 16,000,000.00 8,895,000.00 9,338,000.00 15,000,000.00 17,842,000.00 15,000,000.00 15,000,000.00 25,000,000.00 24,765,000.00 11,272,000.00 7,000,000.00	10,060,152.08 12,638,510.52 16,038,013.00 8,917,320.87 9,435,978.45 13,207,394.86 15,036,337.63 17,949,350.02 9,988,400.00 14,983,950.00 4,992,700.00 24,024,375.00 24,024,375.00 24,405,659.85 11,185,255.70 6,999,370.00 13,330,820.96	9,995,700.00 12,482,729.45 15,792,896.00 8,823,857.79 9,263,314.68 13,058,792.52 14,594,670.00 17,566,091.31 9,512,530.00 14,154,690.00 4,709,490.00 24,016,675.00 24,243,894.87 11,138,697.33 7,079,835.00 13,527,858.30	99.957 99.966 98.706 99.200 99.156 97.298 98.454 95.125 94.365 94.190 96.067 97.896 98.817 101.141 96.407	CDL



### GLOSSARY OF INVESTMENT TERMS

**ASSET BACKED SECURITIES:** Securities, such as bonds or notes, collateralized by receivables such as credit card or auto loans.

LOCAL AGENCY INVESTMENT FUND (LAIF): An investment pool sponsored by the State of California and administered/managed by the State Treasurer's Office. Local government units, with consent of the local governing body of that agency, may voluntarily deposit surplus funds for the purpose of investment.

U. S. GOVERNMENT AGENCY SECURITIES: Debt securities issued by U. S. Government sponsored enterprises and federally related institutions. These government agencies include: Federal Home Loan Banks (FHLB); Federal Home Loan Mortgage Corporation (FHLMC, or "Freddie Mac"); Federal National Mortgage Association (FNMA, or "Fannie Mae"); Federal Farm Credit Banks (FFCB); and Tennessee Valley Authority (TVA).

**BOOK VALUE:** The original cost of the investment, plus accrued interest and amortization of any premium or discount.

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

**U.S. TREASURY SECURITIES:** Securities issued by the U. S. Treasury and backed by the full faith and credit of the United States. Treasuries are considered to have no credit risk, and are the benchmark for interest rates on all other securities in the U.S. and overseas. The Treasury issues both discounted securities and fixed coupon notes and bonds.

**CERTIFICATE OF DEPOSIT (CD or NCD):** A deposit of funds at a bank for a specified period of time that earns interest at a specified rate. Commonly known as "CDs" or "negotiable CDs."

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

**WEIGHTED AVERAGE DAYS TO MATURITY:** The weighted average of the remaining term to maturity of all of the assets in an investment pool or securities portfolio, as expressed in days.

**COUPON:** The annual rate at which a bond pays interest.

**PAR VALUE:** The amount of principal which must be paid at maturity. Also referred to as the face amount of a bond, normally quoted in \$1.000 increments per bond.

**YIELD:** The rate of annual income return on an investment, expressed as a percentage.

- (a) EARNED INCOME YIELD is the annual income from an investment divided by the current market value.
- (b) YIELD TO MATURITY is the rate of return earned on an investment considering all cash flows and timing factors: interest earnings, discounts, and premiums above par.

**CUSIP:** The number identifying all stocks and registered bonds, using the Committee on Uniform Securities Identification Procedures (CUSIP).

REPURCHASE AGREEMENT (RP OR REPO): The purchase of securities, on a temporary basis, with the seller's simultaneous agreement to repurchase the securities at a later date at a specified price that includes interest for the buyer's holding period. In essence, this is a collateralized investment whereby the security "buyer" lends the "seller" money for the period of the agreement.

**DURATION:** Duration measures the price sensitivity of a bond to changes in interest rates.

- (a) EFFECTIVE DURATION is a duration calculation for bonds with embedded options. Effective duration takes into account that expected cash flows will fluctuate as interest rates change.
- (b) MACAULAY'S DURATION is the weighted average maturity of the bond's cash flows, where the present values of the cash flows serves as the weights. The greater the duration of the bond, the greater its percentage price volatility.

SUPRANATIONAL: An entity formed by two or more central governments through international treaties, for the purpose of promoting economic development for member countries. Two examples of supranational institutions are the International Bank for Reconstruction and Development (World Bank) and the Inter-American Development Bank.

For additional glossary terms, previous Investment Reports, and City Investment Policy, please visit the Office of the City Treasurer's website at: <a href="http://www.sandiego.gov/treasurer/investments/">http://www.sandiego.gov/treasurer/investments/</a>