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Date: August 29, 2022

INFORMATIONAL ONLY FOR BOARD OF DIRECTORS

TO: MEMBERS, INVESTMENT AND RISK COMMITTEE

I. AGENDA ITEM # AND TITLE:	Open Agenda Item 5ci - Bond Transactions and Compliance Report
II. NAME AND PROGRAM:	Treasury and Investments
III. ACTIVITY:	<input type="checkbox"/> Informational <input type="checkbox"/> Request for Direction <input checked="" type="checkbox"/> Action Proposed <input type="checkbox"/> Exploratory
IV. JUSTIFICATION:	<input checked="" type="checkbox"/> Standard/Required Item <input type="checkbox"/> Board Request – New Item <input type="checkbox"/> New Topic from Staff

V. EXECUTIVE SUMMARY:

In accordance with Sections 1200 and 1201 of the California Insurance Code, all investments made during April to July of 2022 (including securities purchased or sold, and investment loans) are presented to the Investment and Risk Committee for approval.

VI. ANALYSIS:

The investment transactions for the period of April 1, 2022 to July 31, 2022 are attached as Item 3b(i). In the fixed income portfolio, State Fund purchased 94 bonds totaling \$715 million and sold 13 bonds for a total of \$182 million. In the equity portfolio, \$68 million were purchased and \$66 million were sold for rebalancing. Year-to-date through July 31, 2022, the total net gain from the entire portfolio was \$20 million. The aggregate book adjusted carrying value of all investments was approximately \$19.5 billion.

In the short-term portfolio, the year-to-date earned income was \$36,193. There were no holdings in the short-term portfolio as of July 31, 2022.

There were no out-of-compliance items in both the Bond and Equity portfolios as of July 31, 2022.

We request the Investment and Risk Committee’s approval and ratification of these investment transactions. These reports are attached as Item 5c(i) on the agenda of the Full Board meeting.

VII. RECOMMENDATION:

We recommend that the Investment and Risk Committee approve and ratify the investment transactions from April 1, 2022 to July 31, 2022

INVESTMENT TRANSACTIONS

517 transactions were consummated during the period from April 1st to July 31st, 2022.

BOND PURCHASES

Account	Trade	Settle	Current Units	Description	Coupon	Maturity	Yield	Moody's	S&P	Fitch	
Financial											
NEAM	04/18/22	04/20/22	7,250,000	MORGAN STANLEY	4.210	04/20/28	4.212	A1	BBB+	A	
NEAM	04/19/22	04/26/22	15,400,000	BANK OF NEW YORK MELLON CORP	3.850	04/26/29	3.866	A1	A	AA-	
NEAM	04/20/22	04/25/22	2,250,000	FIFTH THIRD BANCORP	4.337	04/25/33	4.338	Baa1	BBB+	A-	
NEAM Green	04/28/22	05/03/22	17,400,000	AMERICAN EXPRESS CO	4.050	05/03/29	4.081	A2	BBB+	A	
DWS	05/05/22	05/09/22	6,000,000	CAPITAL ONE FINANCIAL CORP	4.927	05/10/28	4.929	Baa1	BBB	A-	
DWS	05/05/22	05/09/22	6,000,000	CAPITAL ONE FINANCIAL CORP	4.166	05/09/25	4.169	Baa1	BBB	A-	
NEAM	05/10/22	05/13/22	7,750,000	STATE STREET CORP	4.421	05/13/33	4.422	A1	A	AA-	
NEAM	05/16/22	05/23/22	10,500,000	KEYCORP	4.789	06/01/33	4.790	Baa1	BBB+	A-	
NEAM	05/17/22	05/24/22	14,500,000	CITIGROUP INC	4.910	05/24/33	4.911	A3	BBB+	A	
DWS	05/19/22	05/26/22	5,300,000	AMERICAN EXPRESS CO	4.989	05/26/33	4.990	A3	BBB	A-	
DWS	05/25/22	05/27/22	6,000,000	CANADIAN IMPERIAL BANK OF COMMERCE	3.300	04/07/25	3.497	A2	A-	AA-	
DWS	06/01/22	06/06/22	5,870,000	PNC FINANCIAL SERVICES GROUP INC	4.626	06/06/33	4.627	A3	BBB+	A-	
DWS	06/01/22	06/08/22	10,000,000	TORONTO-DOMINION BANK	4.108	06/08/27	4.108	A1	A	NA	
DWS	06/01/22	06/06/22	10,000,000	TRUIST FINANCIAL CORP	4.123	06/06/28	4.112	A3	A-	A	
DWS	06/02/22	06/09/22	10,000,000	NATIONAL BANK OF CANADA	3.750	06/09/25	3.777	A3	BBB+	A+	
NEAM Green	06/06/22	06/13/22	5,000,000	GOLDMAN SACHS GROUP INC	4.387	06/15/27	4.389	A2	BBB+	A	
NEAM	06/08/22	06/13/22	20,500,000	BANK OF NEW YORK MELLON CORP	4.289	06/13/33	4.290	A1	A	AA-	
NEAM	06/24/22	06/28/22	13,971,000	ALEXANDRIA REAL ESTATE EQUITIES INC	1.875	02/01/33	4.847	Baa1	BBB+	NA	
NEAM	06/24/22	06/28/22	7,500,000	ALEXANDRIA REAL ESTATE EQUITIES INC	1.875	02/01/33	4.798	Baa1	BBB+	NA	
NEAM Green	06/27/22	06/30/22	2,000,000	METROPOLITAN LIFE GLOBAL FUNDING I	4.400	06/30/27	4.417	Aa3	AA-	AA-	
NEAM	07/18/22	07/20/22	6,500,000	MORGAN STANLEY	4.889	07/20/33	4.890	A1	A-	A	
NEAM	07/19/22	07/22/22	8,250,000	US BANCORP	4.548	07/22/28	4.550	A2	A+	A+	
DWS	07/25/22	07/27/22	7,730,000	CAPITAL ONE FINANCIAL CORP	4.985	07/24/26	4.989	Baa1	BBB	A-	
NEAM	07/28/22	08/01/22	10,000,000	BANK OF NEW YORK MELLON CORP	4.596	07/26/30	4.089	A1	A	AA-	
NEAM	07/28/22	08/01/22	25,000,000	GOLDMAN SACHS GROUP INC	1.992	01/27/32	4.265	A2	BBB+	A	
NEAM	07/28/22	08/01/22	10,000,000	REALTY INCOME CORP	2.850	12/15/32	4.072	A3	A-	NA	
NEAM	07/28/22	08/01/22	10,000,000	TRUIST FINANCIAL CORP	1.950	06/05/30	4.078	A3	A-	A	
			260,671,000								
Government											
NEAM-FHLB	05/12/22	05/13/22	2,250,000	UNITED STATES TREASURY	1.500	03/31/23	1.938	Aaa	AA+	AAA	
			2,250,000								
Industrial											
DWS	04/11/22	04/13/22	6,000,000	AMAZON.COM INC	3.000	04/13/25	3.056	A1	AA	AA-	
DWS	04/11/22	04/13/22	3,300,000	AMAZON.COM INC	3.300	04/13/27	3.345	A1	AA	AA-	
NEAM	04/13/22	04/18/22	2,000,000	MEMORIAL SLOAN-KETTERING CANCER CENTER	5.000	07/01/42	4.064	Aa3	AA-	AA	
DWS	04/19/22	04/22/22	3,290,000	CARGILL INC	3.625	04/22/27	3.742	A2	A	A	
NEAM	04/21/22	05/05/22	2,250,000	LOCKHEED MARTIN CORP	3.900	06/15/32	3.911	A3	A-	A-	
NEAM-FHLB	04/22/22	04/26/22	14,500,000	COMCAST CORP	3.300	02/01/27	3.732	A3	A-	A-	
NEAM-FHLB	04/22/22	04/26/22	5,500,000	COMCAST CORP	3.300	02/01/27	3.730	A3	A-	A-	
DWS	04/28/22	05/12/22	5,000,000	WASTE MANAGEMENT INC	4.150	04/15/32	4.169	Baa1	NA	NA	
DWS	05/16/22	05/23/22	2,380,000	PAYPAL HOLDINGS INC	3.900	06/01/27	3.928	A3	A-	A-	
NEAM	05/17/22	05/20/22	18,100,000	UNITEDHEALTH GROUP INC	4.200	05/15/32	4.232	NA	A+	A	
DWS	05/18/22	05/23/22	2,300,000	NUCOR CORP	4.300	05/23/27	4.336	Baa1	A-	NA	
DWS	05/25/22	05/27/22	5,000,000	LOWE'S COMPANIES INC	3.350	04/01/27	3.693	Baa1	BBB+	NA	
DWS	06/06/22	06/21/22	7,000,000	HP INC	4.750	01/15/28	4.782	Baa2	BBB	BBB+	
DWS	06/06/22	06/15/22	7,000,000	PARKER-HANNIFIN CORP	4.250	09/15/27	4.292	Baa1	BBB+	BBB+	
NEAM Green	07/06/22	07/08/22	5,000,000	MASTERCARD INC	1.900	03/15/31	3.714	A1	A+	NA	
DWS	07/07/22	07/14/22	3,750,000	CELANESE US HOLDINGS LLC	6.379	07/15/32	6.379	Baa3	BBB	BBB-	
DWS	07/08/22	07/14/22	11,250,000	CELANESE US HOLDINGS LLC	6.379	07/15/32	6.425	Baa3	BBB	BBB-	
DWS Green	07/14/22	07/18/22	1,290,000	PEPSICO INC	3.900	07/18/32	3.919	A1	A+	NA	
NEAM Green	07/14/22	07/18/22	4,750,000	PEPSICO INC	3.900	07/18/32	3.919	A1	A+	NA	
NEAM	07/20/22	07/27/22	7,750,000	INTERNATIONAL BUSINESS MACHINES CORP	4.150	07/27/27	4.179	A3	A-	NA	
NEAM	07/28/22	08/01/22	10,000,000	CSX CORP	4.100	11/15/32	3.945	Baa1	BBB+	NA	
			127,410,000								
Mortgage Backed											
DWS	04/07/22	04/08/22	8,398,437	FH RA7114	4.000	04/01/52	3.770	Aaa	AA+	AAA	
DWS	04/14/22	04/18/22	14,500,000	G2 MA7991	4.500	04/20/52	3.864	Aaa	AA+	AAA	
DWS	04/27/22	05/12/22	9,978,519	FN MA4644	4.000	04/01/52	3.983	Aaa	AA+	AAA	

Account	Trade	Settle	Current Units	Description	Coupon	Maturity	Yield	Moody's	S&P	Fitch
NEAM	04/29/22	05/12/22	19,966,646	FH QE1376	3.500	04/01/52	3.924	Aaa	AA+	AAA
DWS	05/06/22	05/09/22	10,000,000	FN MA4684	4.500	06/01/52	4.296	Aaa	AA+	AAA
DWS	05/17/22	06/13/22	9,988,251	FH RA7392	4.500	05/01/52	4.164	Aaa	AA+	AAA
NEAM	05/26/22	06/13/22	17,975,046	FN FS2062	4.000	06/01/52	3.815	Aaa	AA+	AAA
NEAM	05/26/22	06/13/22	49,930,683	FN FS2062	4.000	06/01/52	3.815	Aaa	AA+	AAA
DWS	05/27/22	05/31/22	15,000,000	FN MA4626	4.000	05/01/52	3.892	Aaa	AA+	AAA
DWS	05/27/22	05/31/22	8,700,000	FN FS1950	4.000	05/01/52	3.820	Aaa	AA+	AAA
DWS	05/27/22	06/13/22	13,680,335	FN BV7145	4.000	05/01/52	3.856	Aaa	AA+	AAA
DWS	06/09/22	06/13/22	10,339,503	FH QE4268	5.000	06/01/52	4.510	Aaa	AA+	AAA
DWS	06/10/22	06/13/22	10,000,000	FN BV5628	4.500	06/01/52	4.454	Aaa	AA+	AAA
DWS	06/10/22	06/13/22	11,222,347	FN BV8898	4.500	06/01/52	4.371	Aaa	AA+	AAA
DWS	06/16/22	06/17/22	8,000,000	FH QE4067	5.000	06/01/52	4.750	Aaa	AA+	AAA
NEAM	06/29/22	07/14/22	10,591,512	FN CB2755	3.000	02/01/52	4.048	Aaa	AA+	AAA
NEAM	07/28/22	08/11/22	14,877,111	FH QE0762	3.500	04/01/52	3.598	Aaa	AA+	AAA

243,148,390

Municipal

NEAM	04/06/22	04/21/22	2,000,000	DALLAS FORT WORTH TEX INTL ARPT REV	4.507	11/01/51	4.507	A1	A+	A+
NEAM	04/06/22	05/10/22	2,250,000	MONTGOMERY TEX INDPT SCH DIST	4.154	02/15/39	4.154	Aaa	NA	NA
NEAM	04/19/22	04/21/22	2,500,000	COMMONWEALTH FING AUTH PA REV	4.144	06/01/38	4.391	A1	A	A+
NEAM	04/19/22	04/21/22	2,300,000	CONNECTICUT ST	5.295	10/01/29	4.047	Aa3	A+	AA-
NEAM	04/21/22	04/25/22	3,350,000	CONNECTICUT ST	5.632	12/01/29	4.325	Aa3	A+	AA-
NEAM	04/25/22	04/27/22	2,765,000	NEW YORK STATE DORMITORY AUTHORITY	5.500	03/15/30	4.521	Aa1	AA+	AA+
NEAM	04/28/22	05/02/22	2,250,000	MISSISSIPPI ST	5.245	11/01/34	3.908	Aa2	AA	AA
NEAM	04/28/22	05/11/22	2,500,000	UNIV CALIF REGTS MED CTR POOLED REV	4.132	05/15/32	4.132	Aa3	NA	NA
DWS	04/28/22	05/11/22	4,545,000	UNIV CALIF REGTS MED CTR POOLED REV	4.132	05/15/32	4.132	Aa3	NA	NA
NEAM	04/28/22	05/02/22	2,000,000	UNIVERSITY N C CHAPEL HILL REV	3.327	12/01/36	3.975	Aaa	AAA	AAA
NEAM	04/29/22	06/07/22	2,000,000	JOHNSON CNTY KANS UNI SCH DIST NO 233	4.131	09/01/34	4.130	Aa2	AA	NA
NEAM	05/03/22	05/05/22	2,190,000	METROPOLITAN GOVT NASHVILLE & DAVIDSON CNTY TENN	5.707	07/01/34	4.405	Aa2	AA	NA
NEAM Green	05/09/22	05/11/22	2,200,000	NARRAGANSETT R I BAY COMMN WASTEWATER SYS REV	2.624	09/01/37	5.050	NA	AA-	NA
NEAM	05/11/22	05/13/22	3,500,000	JOBSONHO BEVERAGE SYS OHIO STATEWIDE LIQUOR PROFIT	4.532	01/01/35	4.141	Aa3	AA+	NA
NEAM	05/12/22	05/16/22	2,000,000	JOBSONHO BEVERAGE SYS OHIO STATEWIDE LIQUOR PROFIT	4.532	01/01/35	4.174	Aa3	AA+	NA
NEAM	05/16/22	05/18/22	2,000,000	KENTUCKY ST PPTY & BLDGS COMM REV	5.921	11/01/30	4.623	A1	A-	A+
NEAM	05/17/22	05/19/22	2,225,000	HOUSTON TEX UTIL SYS REV	3.823	11/15/29	4.080	Aa2	NA	AA
NEAM	05/17/22	05/19/22	4,930,000	MISSISSIPPI ST	5.245	11/01/34	4.144	Aa2	AA	AA
NEAM	05/18/22	05/20/22	2,660,000	COMMONWEALTH FING AUTH PA REV	4.014	06/01/33	4.415	A1	A	A+
NEAM	05/19/22	05/23/22	2,000,000	BERKELEY CALIF UNI SCH DIST	1.706	08/01/30	4.097	NA	AA+	NA
NEAM	05/19/22	05/23/22	2,000,000	MICHIGAN ST BLDG AUTH REV	2.132	10/15/34	4.433	Aa2	NA	AA-
NEAM	05/24/22	05/26/22	2,750,000	CALIFORNIA ST UNIV REV	3.933	11/01/32	4.304	Aa2	AA-	NA
NEAM	05/26/22	06/22/22	3,000,000	CONNECTICUT ST	4.160	06/15/32	4.160	Aa3	A+	NA
NEAM	06/03/22	06/07/22	2,000,000	NEW JERSEY ST TPK AUTH TPK REV	2.313	01/01/35	4.339	A1	AA-	A+
NEAM	07/11/22	07/13/22	2,075,000	PHILADELPHIA PA WTR & WASTEWTR REV	2.539	07/01/36	4.700	A1	A+	A+

63,990,000

Utility

NEAM Green	05/02/22	05/09/22	10,000,000	NORTHERN STATES POWER CO	4.500	06/01/52	4.544	Aa3	A	A+
NEAM Green	05/17/22	05/20/22	7,000,000	ONCOR ELECTRIC DELIVERY COMPANY LLC	4.150	06/01/32	4.195	A2	A+	A

17,000,000

Fixed Income Purchases:	
DWS	258,812,392 34 Items

Fixed Income Purchases:	
NEAM	433,406,997 57 Items

Fixed Income Purchases:	
NEAM FHLB	22,250,000 3 Item

Fixed Income Purchases:	
Grand Total:	714,469,390 94 Items

Account	Trade	Settle	Current Units	Description	Coupon	Maturity	Yield	Moody's	S&P	Fitch
BOND SALES										
Financial										
NEAM	07/27/22	07/29/22	(2,000,000)	PNC FINANCIAL SERVICES GROUP INC	3.500	01/23/24	3.320	A3	A-	A
NEAM	07/28/22	08/01/22	(11,500,000)	US BANCORP	3.375	02/05/24	3.126	A2	A+	A+
			(13,500,000)							
Industrial										
NEAM	07/26/22	07/28/22	(3,450,000)	COMMONSPIRIT HEALTH	2.950	11/01/22	3.055	Baa1	A-	BBB+
NEAM	07/26/22	07/28/22	(12,700,000)	COMMONSPIRIT HEALTH	2.950	11/01/22	3.055	Baa1	A-	BBB+
NEAM	07/27/22	07/29/22	(5,025,000)	EOG RESOURCES INC	2.625	03/15/23	3.614	A3	A-	NA
NEAM	07/27/22	07/29/22	(15,000,000)	EOG RESOURCES INC	2.625	03/15/23	3.614	A3	A-	NA
NEAM	07/27/22	07/29/22	(32,750,000)	GLAXOSMITHKLINE CAPITAL INC	3.375	05/15/23	3.167	A2	A	WR
NEAM	07/27/22	07/29/22	(2,250,000)	JOHN DEERE CAPITAL CORP	3.450	06/07/23	3.242	A2	A	A
NEAM	07/27/22	07/29/22	(2,250,000)	JOHN DEERE CAPITAL CORP	3.450	01/10/24	3.189	A2	A	A
NEAM	07/27/22	07/29/22	(25,000,000)	NESTLE HOLDINGS INC	3.350	09/24/23	3.166	Aa3	AA-	NA
NEAM	07/27/22	07/29/22	(28,300,000)	WALMART INC	3.400	06/26/23	3.222	Aa2	AA	AA
			(126,725,000)							
Municipal										
NEAM	07/26/22	07/28/22	(1,500,000)	NEW YORK STATE DORMITORY AUTHORITY	4.900	03/15/23	3.154	Aa1	AA+	AA+
			(1,500,000)							
Utility										
NEAM	07/27/22	07/29/22	(40,000,000)	PUBLIC SERVICE ELECTRIC AND GAS CO	2.375	05/15/23	4.064	A1	A	WR
			(40,000,000)							

Fixed Income Sales:		
DWS	0	0 Items

Fixed Income Sales:		
NEAM	(181,725,000)	13 Items

Grand Total:	(181,725,000)	13 Items
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EQUITY PURCHASES

Account	Trade	Settle	Principal	Description	Yield	S&P	Fitch	Moody's
Aerospace/Defense								
Conning	06/02/22	06/06/22	17,302	RAYTHEON TECHNOLOGIES ORD	2.161	Baa1	A-	WR
Conning	06/08/22	06/10/22	11,867	GENERAL DYNAMICS ORD	2.088	NA	A-	WR
Conning	06/08/22	06/10/22	11,705	LOCKHEED MARTIN ORD	2.481	WR	A-	A-
Conning	06/08/22	06/10/22	12,261	RAYTHEON TECHNOLOGIES ORD	2.096	Baa1	A-	WR
			53,134					
Apparel								
Wellington DUSG	04/12/22	04/14/22	50,046	NIKE CL B ORD	0.928	NA	AA-	NA
Wellington DUSG	04/20/22	04/22/22	51,343	NIKE CL B ORD	0.854	NA	AA-	NA
Wellington	04/27/22	04/29/22	281,455	NIKE CL B ORD	0.957	NA	AA-	NA
Wellington	04/28/22	05/02/22	766,890	NIKE CL B ORD	0.913	NA	AA-	NA
Wellington	04/29/22	05/03/22	780,001	NIKE CL B ORD	0.930	NA	AA-	NA
Wellington	05/02/22	05/04/22	386,772	NIKE CL B ORD	0.920	NA	AA-	NA
Wellington DUSG	05/03/22	05/05/22	48,466	NIKE CL B ORD	0.944	NA	AA-	NA
Wellington	05/03/22	05/05/22	379,750	NIKE CL B ORD	0.944	NA	AA-	NA
Wellington DUSG	05/06/22	05/10/22	140,950	NIKE CL B ORD	1.013	NA	AA-	NA
Wellington DUSG	05/25/22	05/27/22	29,933	LULULEMON ATHLETICA ORD	NA	NA	NA	NA
Wellington	05/25/22	05/27/22	366,693	NIKE CL B ORD	1.072	NA	AA-	NA
Wellington	05/26/22	05/31/22	33,492	NIKE CL B ORD	1.027	NA	AA-	NA
Wellington	05/26/22	05/31/22	56,533	NIKE CL B ORD	1.027	NA	AA-	NA
Wellington	05/26/22	05/31/22	45,188	NIKE CL B ORD	1.027	NA	AA-	NA
Wellington	05/27/22	06/01/22	34,560	NIKE CL B ORD	1.000	NA	AA-	NA
Wellington	05/27/22	06/01/22	46,369	NIKE CL B ORD	1.000	NA	AA-	NA
Wellington	05/31/22	06/02/22	35,793	NIKE CL B ORD	0.976	NA	AA-	NA
Wellington	05/31/22	06/02/22	59,017	NIKE CL B ORD	0.976	NA	AA-	NA
Wellington	05/31/22	06/02/22	59,093	NIKE CL B ORD	0.976	NA	AA-	NA
Wellington	06/01/22	06/03/22	35,522	NIKE CL B ORD	0.977	NA	AA-	NA
Wellington	06/01/22	06/03/22	23,886	NIKE CL B ORD	0.977	NA	AA-	NA
Wellington	06/02/22	06/06/22	36,780	NIKE CL B ORD	0.940	NA	AA-	NA
Wellington	06/02/22	06/06/22	32,834	NIKE CL B ORD	0.940	NA	AA-	NA
Conning	06/02/22	06/06/22	457,187	NIKE CL B ORD	0.940	NA	AA-	NA
			4,238,553					
Auto Manufacturers								
Wellington DUSG	04/20/22	04/22/22	101,879	TESLA ORD	NA	NA	BB+	NA
			101,879					
Auto Parts&Equipment								
Conning	06/08/22	06/10/22	11,960	GENUINE PARTS ORD	2.452	Baa1	BBB	NA
			11,960					
Banks								
Wellington	04/27/22	04/29/22	85,467	PNC FINANCIAL SERVICES GROUP ORD	3.080	A3	A-	A+
Wellington	04/28/22	05/02/22	222,172	PNC FINANCIAL SERVICES GROUP ORD	3.069	A3	A-	A+
Conning	06/02/22	06/06/22	582,859	BANK OF AMERICA ORD	2.289	A2	A-	AA-
Conning	06/02/22	06/06/22	69,959	JPMORGAN CHASE ORD	2.955	A2	A-	AA-
Conning	06/02/22	06/06/22	335,157	PNC FINANCIAL SERVICES GROUP ORD	2.991	A3	A-	A+
Conning	06/08/22	06/10/22	11,435	BANK OF AMERICA ORD	2.340	A2	A-	AA-
Conning	06/08/22	06/10/22	11,475	JPMORGAN CHASE ORD	3.047	A2	A-	AA-
Conning	06/08/22	06/10/22	11,604	M&T BANK ORD	2.642	A3	BBB+	A
Conning	06/08/22	06/10/22	11,451	PNC FINANCIAL SERVICES GROUP ORD	3.090	A3	A-	A+
			1,341,579					
Beverages								
Conning	06/08/22	06/10/22	11,642	COCA-COLA ORD	2.703	NA	A+	A
Conning	06/08/22	06/10/22	11,634	PEPSICO ORD	2.640	NA	A+	WR
			23,276					
Biotechnology								
Wellington DUSG	07/26/22	07/28/22	17,714	SEAGEN ORD	NA	NA	NA	NA
			17,714					

Building Materials								
Wellington DUSG	04/01/22	04/05/22	53,115	BUILDERS FIRSTSOURCE ORD	NA	WR	BB	NA
Wellington DUSG	04/01/22	04/05/22	53,327	FORTUNE BRANDS HOME AND SECURITY ORD	1.415	NA	BBB+	BBB
Wellington DUSG	04/20/22	04/22/22	30,895	FORTUNE BRANDS HOME AND SECURITY ORD	1.461	NA	BBB+	BBB
			137,337					
Chemicals								
Wellington	04/05/22	04/07/22	90,106	ECOLAB ORD	1.099	NA	A-	A-
Wellington	04/05/22	04/07/22	180,474	ECOLAB ORD	1.099	NA	A-	A-
Wellington	04/06/22	04/08/22	108,769	ECOLAB ORD	1.092	NA	A-	A-
Wellington	04/06/22	04/08/22	161,829	ECOLAB ORD	1.092	NA	A-	A-
Wellington	04/06/22	04/08/22	35,598	ECOLAB ORD	1.092	NA	A-	A-
Wellington	04/07/22	04/11/22	237,548	ECOLAB ORD	1.078	NA	A-	A-
Wellington	04/08/22	04/12/22	311,860	ECOLAB ORD	1.082	NA	A-	A-
Wellington	04/11/22	04/13/22	54,163	ECOLAB ORD	1.097	NA	A-	A-
Wellington	04/11/22	04/13/22	109,115	ECOLAB ORD	1.097	NA	A-	A-
Wellington	04/12/22	04/14/22	70,568	ECOLAB ORD	1.104	NA	A-	A-
Wellington	04/27/22	04/29/22	17,243	ECOLAB ORD	1.161	NA	A-	A-
Wellington	04/27/22	04/29/22	68,796	ECOLAB ORD	1.161	NA	A-	A-
Wellington	04/27/22	04/29/22	17,182	ECOLAB ORD	1.161	NA	A-	A-
Wellington	04/27/22	04/29/22	102,347	ECOLAB ORD	1.161	NA	A-	A-
Wellington	04/28/22	05/02/22	240,973	ECOLAB ORD	1.129	NA	A-	A-
Wellington	04/28/22	05/02/22	965,654	ECOLAB ORD	1.129	NA	A-	A-
Wellington	04/29/22	05/03/22	50,752	ECOLAB ORD	1.169	NA	A-	A-
Wellington	04/29/22	05/03/22	154,566	ECOLAB ORD	1.169	NA	A-	A-
Wellington	05/02/22	05/04/22	98,288	ECOLAB ORD	1.196	NA	A-	A-
Wellington	05/02/22	05/04/22	33,126	ECOLAB ORD	1.196	NA	A-	A-
Wellington	05/02/22	05/04/22	267,361	ECOLAB ORD	1.196	NA	A-	A-
Wellington	05/03/22	05/05/22	349,601	ECOLAB ORD	1.190	NA	A-	A-
Wellington	05/04/22	05/06/22	66,711	ECOLAB ORD	1.139	NA	A-	A-
Conning	06/02/22	06/06/22	548,560	EASTMAN CHEMICAL ORD	2.603	Baa2	BBB	BBB-
Conning	06/08/22	06/10/22	11,815	EASTMAN CHEMICAL ORD	2.654	Baa2	BBB	BBB-
Wellington DUSG	07/18/22	07/20/22	42,981	PPG INDUSTRIES ORD	2.054	A3	BBB+	A-
			4,395,987					
Commercial Services								
Wellington DUSG	05/06/22	05/10/22	27,091	BLOCK CL A ORD	NA	NA	BB	BB
Wellington DUSG	05/06/22	05/10/22	38,783	BLOCK CL A ORD	NA	NA	BB	BB
Conning	06/02/22	06/06/22	540,280	ESTEE LAUDER CL A ORD	0.881	A1	A+	NA
Conning	06/08/22	06/10/22	11,681	COLGATE PALMOLIVE ORD	2.337	NA	AA-	WR
Conning	06/08/22	06/10/22	11,646	PROCTER & GAMBLE ORD	2.428	Aa3	AA-	NA
Wellington DUSG	06/21/22	06/23/22	148,060	ESTEE LAUDER CL A ORD	0.944	A1	A+	NA
Wellington DUSG	06/21/22	06/23/22	172,838	ESTEE LAUDER CL A ORD	0.944	A1	A+	NA
Wellington DUSG	06/22/22	06/24/22	211,149	ESTEE LAUDER CL A ORD	0.940	A1	A+	NA
Wellington DUSG	06/28/22	06/30/22	86,511	ESTEE LAUDER CL A ORD	0.905	A1	A+	NA
Wellington DUSG	07/07/22	07/11/22	86,372	ESTEE LAUDER CL A ORD	0.898	A1	A+	NA
Wellington DUSG	07/08/22	07/12/22	217,779	ESTEE LAUDER CL A ORD	0.927	A1	A+	NA
Wellington DUSG	07/08/22	07/12/22	3,019	ESTEE LAUDER CL A ORD	0.927	A1	A+	NA
Wellington DUSG	07/18/22	07/20/22	42,561	ESTEE LAUDER CL A ORD	0.948	A1	A+	NA
			1,597,770					
Computers								
Conning	06/08/22	06/10/22	11,704	AUTOMATIC DATA PROCESSING ORD	1.791	Aa3	AA-	AA-
Conning	06/08/22	06/10/22	11,087	HP ORD	2.487	NA	BBB	BBB+
			22,791					
Cosmetics/Personal Care								
Conning	06/08/22	06/10/22	11,545	KIMBERLY CLARK ORD	3.501	WR	A	WR
			11,545					
Diversified Finan Serv								
Conning	06/02/22	06/06/22	69,861	AMERIPRISE FINANCE ORD	1.684	A3	A-	A-

Attachment 3b(i)

Conning	06/02/22	06/06/22	312,653	BLACKROCK ORD	2.516	Aa3	AA-	NA
Conning	06/02/22	06/06/22	548,048	CHARLES SCHWAB ORD	1.060	NA	A	A
Conning	06/02/22	06/06/22	645,515	CME GROUP CL A ORD	1.808	NA	AA-	AA-
Conning	06/02/22	06/06/22	1,064,503	INTERCONTINENTAL EXCHANGE ORD	1.331	NA	A-	NA
Conning	06/02/22	06/06/22	645,627	INTUIT ORD	0.616	NA	A-	NA
Conning	06/08/22	06/10/22	11,833	AMERIPRISE FINANCE ORD	1.705	A3	A-	A-
Conning	06/08/22	06/10/22	11,448	BLACKROCK ORD	2.720	Aa3	AA-	NA
Conning	06/08/22	06/10/22	11,716	CME GROUP CL A ORD	1.854	NA	AA-	AA-

3,321,205
Electrical Compo&Equip

Wellington DUSG	04/20/22	04/22/22	30,872	AMETEK ORD	0.621	WR	BBB+	NA
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30,872
Food

Conning	06/02/22	06/06/22	101,709	TYSON FOODS CL A ORD	2.074	NA	BBB+	BBB
Conning	06/08/22	06/10/22	11,648	MONDELEZ INTERNATIONAL CL A ORD	2.180	Baa1	BBB	WR
Conning	06/08/22	06/10/22	11,622	TYSON FOODS CL A ORD	2.090	NA	BBB+	BBB

124,978
Healthcare-Products

Wellington	04/05/22	04/07/22	406,655	STRYKER ORD	0.987	Baa1	BBB+	NA
Wellington	04/06/22	04/08/22	696,639	STRYKER ORD	0.988	Baa1	BBB+	NA
Wellington	04/27/22	04/29/22	35,929	BAXTER INTERNATIONAL ORD	1.576	NA	BBB	BBB
Wellington	04/27/22	04/29/22	421,640	BAXTER INTERNATIONAL ORD	1.576	NA	BBB	BBB
Wellington	04/27/22	04/29/22	150,444	DANAHER ORD	0.349	NA	A-	NA
Wellington	04/27/22	04/29/22	133,473	DANAHER ORD	0.349	NA	A-	NA
Wellington	04/27/22	04/29/22	207,960	DANAHER ORD	0.349	NA	A-	NA
Wellington	04/27/22	04/29/22	194,227	DANAHER ORD	0.349	NA	A-	NA
Wellington	04/27/22	04/29/22	390,091	DANAHER ORD	0.349	NA	A-	NA
Wellington	04/27/22	04/29/22	368,224	STRYKER ORD	1.064	Baa1	BBB+	NA
Wellington	04/27/22	04/29/22	24,932	STRYKER ORD	1.064	Baa1	BBB+	NA
Wellington	04/27/22	04/29/22	572,840	STRYKER ORD	1.064	Baa1	BBB+	NA
Wellington DUSG	04/28/22	05/02/22	67,541	ALIGN TECHNOLOGY ORD	NA	NA	NA	NA
Wellington	04/28/22	05/02/22	333,238	BAXTER INTERNATIONAL ORD	1.582	NA	BBB	BBB
Wellington	04/28/22	05/02/22	807,556	DANAHER ORD	0.342	NA	A-	NA
Wellington	04/28/22	05/02/22	135,567	STRYKER ORD	1.051	Baa1	BBB+	NA
Wellington	04/28/22	05/02/22	212,215	STRYKER ORD	1.051	Baa1	BBB+	NA
Wellington	05/10/22	05/12/22	614,947	DANAHER ORD	0.366	NA	A-	NA
Conning	06/08/22	06/10/22	11,697	ABBOTT LABORATORIES ORD	1.604	NA	AA-	WR
Wellington	06/09/22	06/13/22	86,492	BAXTER INTERNATIONAL ORD	1.569	NA	BBB	BBB
Wellington	06/09/22	06/13/22	57,969	BAXTER INTERNATIONAL ORD	1.569	NA	BBB	BBB
Wellington	06/09/22	06/13/22	151,353	BAXTER INTERNATIONAL ORD	1.569	NA	BBB	BBB
Wellington	06/10/22	06/14/22	72,277	BAXTER INTERNATIONAL ORD	1.545	NA	BBB	BBB
Wellington	06/10/22	06/14/22	168,275	BAXTER INTERNATIONAL ORD	1.545	NA	BBB	BBB
Wellington	06/13/22	06/15/22	28,638	BAXTER INTERNATIONAL ORD	1.579	NA	BBB	BBB
Wellington	06/13/22	06/15/22	186,766	BAXTER INTERNATIONAL ORD	1.579	NA	BBB	BBB
Wellington	06/14/22	06/16/22	77,162	BAXTER INTERNATIONAL ORD	1.675	NA	BBB	BBB
Wellington	06/14/22	06/16/22	71,237	BAXTER INTERNATIONAL ORD	1.675	NA	BBB	BBB
Wellington	06/30/22	07/05/22	178,528	STRYKER ORD	1.365	Baa1	BBB+	NA
Wellington	06/30/22	07/05/22	517,330	STRYKER ORD	1.365	Baa1	BBB+	NA
Wellington	07/01/22	07/06/22	428,196	STRYKER ORD	1.332	Baa1	BBB+	NA
Wellington	07/01/22	07/06/22	39,743	STRYKER ORD	1.332	Baa1	BBB+	NA
Wellington	07/01/22	07/06/22	178,824	STRYKER ORD	1.332	Baa1	BBB+	NA
Wellington	07/05/22	07/07/22	180,298	STRYKER ORD	1.344	Baa1	BBB+	NA
Wellington	07/05/22	07/07/22	79,857	STRYKER ORD	1.344	Baa1	BBB+	NA
Wellington	07/06/22	07/08/22	126,578	STRYKER ORD	1.352	Baa1	BBB+	NA
Wellington	07/06/22	07/08/22	140,311	STRYKER ORD	1.352	Baa1	BBB+	NA
Wellington DUSG	07/18/22	07/20/22	37,688	TELEFLEX ORD	0.557	NA	BB+	NA

8,593,339

Healthcare-Services								
Wellington	04/27/22	04/29/22	690,776	UNITEDHEALTH GRP ORD	1.129	A3	A+	A
Wellington	04/28/22	05/02/22	490,117	UNITEDHEALTH GRP ORD	1.106	A3	A+	A
Conning	06/08/22	06/10/22	11,499	CIGNA ORD	1.626	NA	A-	BBB+
Wellington DUSG	06/23/22	06/27/22	418,958	UNITEDHEALTH GRP ORD	1.200	A3	A+	A
Wellington DUSG	06/28/22	06/30/22	276,921	UNITEDHEALTH GRP ORD	1.180	A3	A+	A
Wellington DUSG	07/08/22	07/12/22	43,322	UNITEDHEALTH GRP ORD	1.157	A3	A+	A
Wellington DUSG	07/18/22	07/20/22	85,900	UNITEDHEALTH GRP ORD	1.155	A3	A+	A
2,017,493								
Insurance								
Conning	06/08/22	06/10/22	11,701	TRAVELERS COMPANIES ORD	2.000	NA	A	A+
11,701								
Internet								
Wellington DUSG	04/08/22	04/12/22	52,484	ETSY ORD	NA	NA	NA	NA
Wellington DUSG	04/20/22	04/22/22	31,431	ETSY ORD	NA	NA	NA	NA
Wellington DUSG	04/27/22	04/29/22	65,785	MASTERCARD CL A ORD	0.514	WR	A+	NA
Wellington DUSG	04/28/22	05/02/22	175,479	META PLATFORMS CL A ORD	NA	A1	AA-	NA
Wellington DUSG	05/05/22	05/09/22	29,726	ETSY ORD	NA	NA	NA	NA
Wellington DUSG	05/12/22	05/16/22	44,725	AIRBNB CL A ORD	NA	NA	NA	NA
Wellington DUSG	05/27/22	06/01/22	24,560	ETSY ORD	NA	NA	NA	NA
Wellington DUSG	05/31/22	06/02/22	20,564	ETSY ORD	NA	NA	NA	NA
Wellington DUSG	07/08/22	07/12/22	26,449	ETSY ORD	NA	NA	NA	NA
471,203								
Machinery-Constr&Mining								
Conning	06/08/22	06/10/22	12,153	CATERPILLAR ORD	1.932	A2	A	A
12,153								
Machinery-Diversified								
Conning	06/08/22	06/10/22	12,113	CUMMINS ORD	2.713	NA	A+	WR
Wellington DUSG	07/08/22	07/12/22	87,950	DEERE ORD	1.405	A2	A	A
Wellington DUSG	07/18/22	07/20/22	31,935	DEERE ORD	1.436	A2	A	A
Wellington DUSG	07/18/22	07/20/22	20,706	NORDSON ORD	0.985	NA	NA	NA
Wellington DUSG	07/18/22	07/20/22	29,160	NORDSON ORD	0.985	NA	NA	NA
181,863								
Media								
Conning	06/08/22	06/10/22	11,419	COMCAST CL A ORD	2.381	NA	A-	A-
11,419								
Miscellaneous Manufactur								
Wellington	04/27/22	04/29/22	243,525	HONEYWELL INTERNATIONAL ORD	2.050	A2	A	A
Wellington	04/28/22	05/02/22	622,161	HONEYWELL INTERNATIONAL ORD	2.011	A2	A	A
Wellington	04/29/22	05/03/22	626,331	HONEYWELL INTERNATIONAL ORD	1.974	A2	A	A
Wellington	05/02/22	05/04/22	492,260	HONEYWELL INTERNATIONAL ORD	1.940	A2	A	A
Wellington	05/03/22	05/05/22	477,256	HONEYWELL INTERNATIONAL ORD	1.939	A2	A	A
Conning	06/08/22	06/10/22	11,485	3M ORD	4.085	NA	A+	NA
Conning	06/08/22	06/10/22	11,656	ILLINOIS TOOL ORD	2.326	NA	A+	NA
2,484,673								
Oil&Gas								
Conning	06/08/22	06/10/22	12,242	CONOCOPHILLIPS ORD	1.485	A3	A-	A
Conning	06/08/22	06/10/22	12,118	EOG RESOURCES ORD	1.595	NA	A-	NA
Wellington DUSG	06/16/22	06/21/22	926,447	PIONEER NATURAL RESOURCE ORD	1.992	Baa1	BBB	BBB+
Wellington DUSG	07/18/22	07/20/22	42,854	PIONEER NATURAL RESOURCE ORD	2.280	Baa1	BBB	BBB+
993,660								

Pharmaceuticals								
Wellington	04/27/22	04/29/22	361,454	PFIZER ORD	3.156	A2	A+	A
Wellington	04/28/22	05/02/22	163,339	PFIZER ORD	3.108	A2	A+	A
Conning	06/02/22	06/06/22	5,843,287	ABBVIE ORD	3.693	Baa2	BBB+	NA
Conning	06/08/22	06/10/22	11,764	ABBVIE ORD	3.631	Baa2	BBB+	NA
Conning	06/08/22	06/10/22	11,241	AMGEN ORD	3.015	NA	A-	BBB+
Conning	06/08/22	06/10/22	11,854	BRISTOL MYERS SQUIBB ORD	2.704	NA	A+	WR
Conning	06/08/22	06/10/22	11,534	ELI LILLY ORD	1.168	A2	A+	WR
Conning	06/08/22	06/10/22	11,272	GILEAD SCIENCES ORD	4.585	NA	BBB+	NA
Conning	06/08/22	06/10/22	11,984	PFIZER ORD	2.955	A2	A+	A
Wellington DUSG	07/26/22	07/28/22	37,802	VERTEX PHARMACEUTICALS ORD	NA	NA	NA	NA
Wellington DUSG	07/26/22	07/28/22	87,040	VERTEX PHARMACEUTICALS ORD	NA	NA	NA	NA

6,562,569

REITS								
Wellington DUSG	04/18/22	04/20/22	619,585	REXFORD INDUSTRIAL REALTY REIT ORD	1.352	NA	BBB+	BBB
Wellington	04/27/22	04/29/22	109,990	PUBLIC STORAGE REIT ORD	2.044	NA	A	WR
Wellington	04/28/22	05/02/22	335,555	PUBLIC STORAGE REIT ORD	2.005	NA	A	WR
Wellington	04/29/22	05/03/22	20,026	PUBLIC STORAGE REIT ORD	2.153	NA	A	WR
Wellington DUSG	07/18/22	07/20/22	86,465	PROLOGIS REIT	2.383	NA	A	WR
Wellington DUSG	07/18/22	07/20/22	111,512	REXFORD INDUSTRIAL REALTY REIT ORD	1.886	NA	BBB+	BBB
Wellington DUSG	07/19/22	07/21/22	63,748	REXFORD INDUSTRIAL REALTY REIT ORD	1.811	NA	BBB+	BBB

1,346,880

Retail								
Wellington	04/27/22	04/29/22	508,802	COSTCO WHOLESALE ORD	0.570	NA	A+	WR
Wellington	04/27/22	04/29/22	489,600	HOME DEPOT ORD	2.271	NA	A	A
Wellington	04/27/22	04/29/22	67,895	TJX ORD	1.692	NA	A	NA
Wellington	04/27/22	04/29/22	178,813	TJX ORD	1.692	NA	A	NA
Wellington	04/27/22	04/29/22	30,739	TJX ORD	1.692	NA	A	NA
Wellington	04/28/22	05/02/22	125,845	COSTCO WHOLESALE ORD	0.582	NA	A+	WR
Wellington	04/28/22	05/02/22	1,205,962	HOME DEPOT ORD	2.197	NA	A	A
Wellington	04/28/22	05/02/22	87,742	TJX ORD	1.642	NA	A	NA
Wellington	04/28/22	05/02/22	18,985	TJX ORD	1.642	NA	A	NA
Wellington	04/29/22	05/03/22	431,132	HOME DEPOT ORD	2.280	NA	A	A
Wellington	04/29/22	05/03/22	36,937	TJX ORD	1.697	NA	A	NA
Wellington	04/29/22	05/03/22	616,138	TJX ORD	1.697	NA	A	NA
Wellington	05/02/22	05/04/22	165,834	TJX ORD	1.669	NA	A	NA
Wellington	05/02/22	05/04/22	67,495	TJX ORD	1.669	NA	A	NA
Wellington	05/02/22	05/04/22	105,906	TJX ORD	1.669	NA	A	NA
Wellington	05/03/22	05/05/22	74,362	TJX ORD	1.677	NA	A	NA
Wellington	05/03/22	05/05/22	86,836	TJX ORD	1.677	NA	A	NA
Wellington	05/04/22	05/06/22	30,948	TJX ORD	1.623	NA	A	NA
Wellington	05/04/22	05/06/22	83,290	TJX ORD	1.623	NA	A	NA
Wellington	05/04/22	05/06/22	50,011	TJX ORD	1.623	NA	A	NA
Wellington	05/05/22	05/09/22	376,103	TJX ORD	1.685	NA	A	NA
Wellington	05/05/22	05/09/22	104,845	TJX ORD	1.685	NA	A	NA
Wellington DUSG	05/06/22	05/10/22	35,126	CHIPOTLE MEXICAN GRILL ORD	NA	NA	NA	NA
Wellington	05/06/22	05/10/22	392,340	TJX ORD	1.722	NA	A	NA
Wellington	05/06/22	05/10/22	47,742	TJX ORD	1.722	NA	A	NA
Wellington	05/06/22	05/10/22	84,576	TJX ORD	1.722	NA	A	NA
Wellington	05/09/22	05/11/22	289,112	TJX ORD	1.759	NA	A	NA
Conning	06/02/22	06/06/22	933,696	BEST BUY ORD	3.667	A3	BBB+	WR
Conning	06/02/22	06/06/22	228,298	HOME DEPOT ORD	2.321	NA	A	A
Conning	06/02/22	06/06/22	1,561,396	TARGET ORD	2.237	A2	A	A
Conning	06/02/22	06/06/22	5,878,011	WALMART ORD	1.741	Aa2	AA	AA
Conning	06/08/22	06/10/22	11,175	BEST BUY ORD	3.864	A3	BBB+	WR
Conning	06/08/22	06/10/22	11,616	HOME DEPOT ORD	2.386	NA	A	A
Conning	06/08/22	06/10/22	11,347	MCDONALD'S ORD	2.211	WR	BBB+	WR
Conning	06/08/22	06/10/22	11,672	TARGET ORD	2.297	A2	A	A

14,440,327

Semiconductors

Wellington	04/05/22	04/07/22	622,198	TEXAS INSTRUMENTS ORD	2.449	NA	A+	WR
Wellington	04/06/22	04/08/22	675,769	TEXAS INSTRUMENTS ORD	2.449	NA	A+	WR
Wellington	04/06/22	04/08/22	196,496	TEXAS INSTRUMENTS ORD	2.449	NA	A+	WR
Wellington	04/06/22	04/08/22	265,905	TEXAS INSTRUMENTS ORD	2.449	NA	A+	WR
Wellington	04/07/22	04/11/22	265,617	TEXAS INSTRUMENTS ORD	2.444	NA	A+	WR
Wellington	04/07/22	04/11/22	257,509	TEXAS INSTRUMENTS ORD	2.444	NA	A+	WR
Wellington DUSG	04/18/22	04/20/22	52,122	ADVANCED MICRO DEVICES ORD	NA	WR	A-	NA
Wellington DUSG	04/18/22	04/20/22	106,100	NVIDIA ORD	0.074	NA	A	WR
Wellington DUSG	04/20/22	04/22/22	621,174	NVIDIA ORD	0.074	NA	A	WR
Wellington DUSG	04/27/22	04/29/22	82,113	ADVANCED MICRO DEVICES ORD	NA	WR	A-	NA
Wellington DUSG	04/27/22	04/29/22	200,343	NVIDIA ORD	0.087	NA	A	WR
Wellington	04/27/22	04/29/22	552,178	TEXAS INSTRUMENTS ORD	2.562	NA	A+	WR
Wellington	04/27/22	04/29/22	522,785	TEXAS INSTRUMENTS ORD	2.562	NA	A+	WR
Wellington	04/27/22	04/29/22	167,101	TEXAS INSTRUMENTS ORD	2.562	NA	A+	WR
Wellington	04/27/22	04/29/22	764,456	TEXAS INSTRUMENTS ORD	2.562	NA	A+	WR
Wellington	04/28/22	05/02/22	339,893	TEXAS INSTRUMENTS ORD	2.468	NA	A+	WR
Conning	06/02/22	06/06/22	484,049	APPLIED MATERIAL ORD	0.835	NA	A	NA
Conning	06/02/22	06/06/22	257,352	INTEL ORD	3.178	NA	A+	A+
Conning	06/02/22	06/06/22	162,327	LAM RESEARCH ORD	1.108	NA	A-	NA
Conning	06/02/22	06/06/22	1,179,348	NVIDIA ORD	0.082	NA	A	WR
Conning	06/02/22	06/06/22	742,058	QUALCOMM ORD	1.908	A2	A	NA
Conning	06/08/22	06/10/22	11,687	ANALOG DEVICES ORD	1.757	WR	A-	NA
Conning	06/08/22	06/10/22	11,409	BROADCOM ORD	2.724	NA	BBB-	BBB-
Conning	06/08/22	06/10/22	10,985	INTEL ORD	3.456	NA	A+	A+
Conning	06/08/22	06/10/22	11,708	QUALCOMM ORD	2.008	A2	A	NA
Conning	06/08/22	06/10/22	11,100	TEXAS INSTRUMENTS ORD	2.703	NA	A+	WR
Wellington	06/30/22	07/05/22	684,156	TEXAS INSTRUMENTS ORD	2.909	NA	A+	WR
Wellington	07/01/22	07/06/22	574,808	TEXAS INSTRUMENTS ORD	3.009	NA	A+	WR

9,832,748

Software

Wellington	04/27/22	04/29/22	1,622,272	MICROSOFT ORD	0.833	Aaa	AAA	AAA
Wellington DUSG	04/27/22	04/29/22	47,293	PAYCOM SOFTWARE ORD	NA	NA	NA	NA
Wellington DUSG	04/27/22	04/29/22	95,534	SERVICENOW ORD	NA	Baa1	A-	NA
Wellington	04/28/22	05/02/22	428,565	MICROSOFT ORD	0.815	Aaa	AAA	AAA
Wellington DUSG	05/06/22	05/10/22	47,510	PAYCOM SOFTWARE ORD	NA	NA	NA	NA
Wellington	05/25/22	05/27/22	869,157	MICROSOFT ORD	0.922	Aaa	AAA	AAA
Conning	06/02/22	06/06/22	214,725	MICROSOFT ORD	0.881	Aaa	AAA	AAA

3,325,055

Telecommunications

Conning	06/02/22	06/06/22	374,211	APPLE ORD	0.589	WR	AA+	NA
Conning	06/02/22	06/06/22	862,999	CISCO SYSTEMS ORD	3.254	NA	AA-	NA
Conning	06/08/22	06/10/22	11,698	CISCO SYSTEMS ORD	3.317	NA	AA-	NA

1,248,908

Transportation

Wellington	04/27/22	04/29/22	130,368	UNITED PARCEL SERVICE CL B ORD	2.457	NA	A	NA
Wellington	04/28/22	05/02/22	240,875	UNITED PARCEL SERVICE CL B ORD	2.408	NA	A	NA
Conning	06/02/22	06/06/22	417,607	UNION PACIFIC ORD	2.099	A3	A-	A-
Conning	06/02/22	06/06/22	573,850	UNITED PARCEL SERVICE CL B ORD	2.760	NA	A	NA
Conning	06/08/22	06/10/22	11,511	UNION PACIFIC ORD	2.134	A3	A-	A-
Conning	06/08/22	06/10/22	11,635	UNITED PARCEL SERVICE CL B ORD	2.831	NA	A	NA

1,385,846

Equity Purchases:								
FHLB Common Stock			-				0 Item	

Equity Purchases:								
Conning			26,222,490				85 Items	

Equity Purchases:		
Wellington	42,127,931	185 Items

Grand Total	68,350,420	270 Items
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EQUITY SALES

Account	Trade	Settle	Principal	Description	Yield	Moody's	S&P	Fitch
Aerospace/Defense								
Wellington	04/27/22	04/29/22	(1,599,051)	GENERAL DYNAMICS ORD	2.013	NA	A-	WR
Wellington	04/27/22	04/29/22	(2,274,708)	LOCKHEED MARTIN ORD	2.427	WR	A-	A-
Wellington	04/27/22	04/29/22	(1,104,006)	NORTHROP GRUMMAN ORD	1.428	NA	BBB+	BBB+
Conning	06/02/22	06/06/22	(98,335)	GENERAL DYNAMICS ORD	2.105	NA	A-	WR
Conning	06/02/22	06/06/22	(199,328)	LOCKHEED MARTIN ORD	2.494	WR	A-	A-
			(5,275,428)					
Auto Manufacturers								
Wellington DUSG	05/13/22	05/17/22	(46,438)	TESLA ORD	NA	NA	BB+	NA
			(46,438)					
Auto Parts&Equipment								
Conning	06/02/22	06/06/22	(890,006)	GENUINE PARTS ORD	2.500	Baa1	BBB	NA
			(890,006)					
Banks								
Conning	06/02/22	06/06/22	(318,854)	M&T BANK ORD	2.606	A3	BBB+	A
			(318,854)					
Beverages								
Wellington	04/05/22	04/07/22	(224,864)	COCA-COLA ORD	2.721	NA	A+	A
Wellington	04/05/22	04/07/22	(997,318)	COCA-COLA ORD	2.721	NA	A+	A
Wellington	04/06/22	04/08/22	(2,838,721)	COCA-COLA ORD	2.694	NA	A+	A
Wellington	04/27/22	04/29/22	(2,653,227)	COCA-COLA ORD	2.593	NA	A+	A
Conning	06/02/22	06/06/22	(412,645)	COCA-COLA ORD	2.668	NA	A+	A
Conning	06/02/22	06/06/22	(420,054)	PEPSICO ORD	2.625	NA	A+	WR
			(7,546,829)					
Chemicals								
Conning	06/02/22	06/06/22	(6,164,433)	ECOLAB ORD	1.144	NA	A-	A-
			(6,164,433)					
Commercial Services								
Wellington DUSG	04/04/22	04/06/22	(70,207)	EQUIFAX ORD	0.665	NA	BBB	NA
Wellington DUSG	04/05/22	04/07/22	(93,006)	EQUIFAX ORD	0.673	NA	BBB	NA
Wellington DUSG	04/06/22	04/08/22	(67,132)	EQUIFAX ORD	0.699	NA	BBB	NA
Wellington DUSG	04/07/22	04/11/22	(44,574)	EQUIFAX ORD	0.695	NA	BBB	NA
Wellington DUSG	04/08/22	04/12/22	(44,672)	EQUIFAX ORD	0.699	NA	BBB	NA
Wellington DUSG	04/11/22	04/13/22	(43,885)	EQUIFAX ORD	0.715	NA	BBB	NA
Wellington DUSG	04/12/22	04/14/22	(65,371)	EQUIFAX ORD	0.718	NA	BBB	NA
Wellington DUSG	04/13/22	04/18/22	(64,327)	EQUIFAX ORD	0.726	NA	BBB	NA
Wellington DUSG	04/14/22	04/19/22	(65,115)	EQUIFAX ORD	0.721	NA	BBB	NA
Wellington DUSG	04/18/22	04/20/22	(42,681)	EQUIFAX ORD	0.733	NA	BBB	NA
Wellington DUSG	04/19/22	04/21/22	(86,977)	EQUIFAX ORD	0.714	NA	BBB	NA
Wellington DUSG	04/20/22	04/22/22	(110,552)	EQUIFAX ORD	0.705	NA	BBB	NA
Wellington DUSG	04/21/22	04/25/22	(32,826)	EQUIFAX ORD	0.769	NA	BBB	NA
Wellington	04/27/22	04/29/22	(1,642,833)	COLGATE PALMOLIVE ORD	2.256	NA	AA-	WR
Wellington	04/27/22	04/29/22	(2,839,346)	PROCTER & GAMBLE ORD	2.211	Aa3	AA-	NA
Conning	06/02/22	06/06/22	(472,216)	COLGATE PALMOLIVE ORD	2.296	NA	AA-	WR
Conning	06/02/22	06/06/22	(18,500)	PROCTER & GAMBLE ORD	2.393	Aa3	AA-	NA
			(5,804,219)					
Computers								
Wellington DUSG	04/18/22	04/20/22	(52,052)	NETAPP ORD	2.626	WR	BBB+	NA
Wellington	04/27/22	04/29/22	(470,265)	AUTOMATIC DATA PROCESSING ORD	1.728	Aa3	AA-	AA-

Attachment 3b(i)

Conning	06/02/22	06/06/22	(750,971)	AUTOMATIC DATA PROCESSING ORD	1.761	Aa3	AA-	AA-
Conning	06/02/22	06/06/22	(1,021,969)	HP ORD	2.225	NA	BBB	BBB+
(2,295,256)								
Cosmetics/Personal Care								
Conning	06/02/22	06/06/22	(420,804)	KIMBERLY CLARK ORD	3.475	WR	A	WR
(420,804)								
Diversified Finan Serv								
Wellington DUSG	06/29/22	07/01/22	(57,930)	AMERICAN EXPRESS ORD	1.298	A2	BBB+	A
(57,930)								
Entertainment								
Wellington DUSG	07/19/22	07/21/22	(397,009)	ROKU CL A ORD	NA	NA	NA	NA
(397,009)								
Food								
Conning	06/02/22	06/06/22	(175,139)	MONDELEZ INTERNATIONAL CL A ORD	2.165	Baa1	BBB	WR
(175,139)								
Healthcare-Products								
Conning	06/02/22	06/06/22	(76,479)	ABBOTT LABORATORIES ORD	1.566	NA	AA-	WR
(76,479)								
Healthcare-Services								
Wellington DUSG	04/11/22	04/13/22	(131,877)	UNITEDHEALTH GRP ORD	1.079	A3	A+	A
Wellington	04/14/22	04/19/22	(142,303)	UNITEDHEALTH GRP ORD	1.084	A3	A+	A
Wellington	04/14/22	04/19/22	(1,662,388)	UNITEDHEALTH GRP ORD	1.084	A3	A+	A
Wellington	04/14/22	04/19/22	(1,098,426)	UNITEDHEALTH GRP ORD	1.084	A3	A+	A
Conning	06/02/22	06/06/22	(963,447)	CIGNA ORD	1.564	NA	A-	BBB+
Conning	06/02/22	06/06/22	(411,383)	UNITEDHEALTH GRP ORD	1.178	A3	A+	A
(4,409,825)								
Insurance								
Wellington	04/27/22	04/29/22	(424,499)	MARSH & MCLENNAN ORD	1.271	NA	A-	A-
Conning	06/02/22	06/06/22	(441,881)	TRAVELERS COMPANIES ORD	1.977	NA	A	A+
(866,380)								
Internet								
Wellington DUSG	04/12/22	04/14/22	(62,583)	AIRBNB CL A ORD	NA	NA	NA	NA
Wellington DUSG	04/19/22	04/21/22	(27,259)	NETFLIX ORD	NA	NA	BBB	NA
Wellington DUSG	04/19/22	04/21/22	(649,117)	NETFLIX ORD	NA	NA	BBB	NA
Wellington DUSG	04/19/22	04/21/22	(207,917)	NETFLIX ORD	NA	NA	BBB	NA
Wellington DUSG	04/20/22	04/22/22	(177,046)	NETFLIX ORD	NA	NA	BBB	NA
Wellington	04/27/22	04/29/22	(757,996)	VISA CL A ORD	0.649	Aa3	AA-	NA
Conning	06/02/22	06/06/22	(521,841)	MASTERCARD CL A ORD	0.512	WR	A+	NA
Conning	06/02/22	06/06/22	(343,055)	VISA CL A ORD	0.672	Aa3	AA-	NA
Wellington DUSG	06/24/22	06/28/22	(427,235)	META PLATFORMS CL A ORD	NA	A1	AA-	NA
Wellington DUSG	06/29/22	07/01/22	(72,793)	META PLATFORMS CL A ORD	NA	A1	AA-	NA
Wellington DUSG	07/11/22	07/13/22	(345,022)	META PLATFORMS CL A ORD	NA	A1	AA-	NA
Wellington DUSG	07/19/22	07/21/22	(133,575)	META PLATFORMS CL A ORD	NA	A1	AA-	NA
(3,725,439)								
Leisure Time								
Wellington DUSG	05/12/22	05/16/22	(42,997)	BOOKING HOLDINGS ORD	NA	NA	A-	NA
Wellington DUSG	07/07/22	07/11/22	(86,091)	BOOKING HOLDINGS ORD	NA	NA	A-	NA
(129,088)								
Machinery-Constr&Mining								
Conning	06/02/22	06/06/22	(1,163,464)	CATERPILLAR ORD	2.018	A2	A	A
(1,163,464)								

Machinery-Diversified								
Wellington	04/27/22	04/29/22	(741,941)	DEERE ORD	1.051	A2	A	A
Wellington DUSG	04/27/22	04/29/22	(51,548)	MKS INSTRUMENTS ORD	0.786	NA	BB	BB+
Wellington DUSG	05/06/22	05/10/22	(70,896)	COGNEX ORD	0.460	NA	NA	NA
Wellington DUSG	05/09/22	05/11/22	(80,306)	COGNEX ORD	0.509	NA	NA	NA
Wellington DUSG	05/10/22	05/12/22	(53,879)	COGNEX ORD	0.510	NA	NA	NA
Wellington DUSG	05/11/22	05/13/22	(86,035)	COGNEX ORD	0.536	NA	NA	NA
Wellington DUSG	05/12/22	05/16/22	(83,867)	COGNEX ORD	0.537	NA	NA	NA
Wellington DUSG	05/13/22	05/17/22	(49,786)	COGNEX ORD	0.500	NA	NA	NA
Wellington DUSG	05/16/22	05/18/22	(43,839)	COGNEX ORD	0.516	NA	NA	NA
Wellington DUSG	05/17/22	05/19/22	(44,121)	COGNEX ORD	0.510	NA	NA	NA
Wellington DUSG	05/18/22	05/20/22	(20,666)	COGNEX ORD	0.526	NA	NA	NA
Conning	06/02/22	06/06/22	(376,689)	CUMMINS ORD	2.741	NA	A+	WR
Wellington DUSG	06/17/22	06/22/22	(50,194)	MKS INSTRUMENTS ORD	0.877	NA	BB	BB+
Wellington DUSG	06/17/22	06/22/22	(60,640)	MKS INSTRUMENTS ORD	0.877	NA	BB	BB+
Wellington DUSG	06/21/22	06/23/22	(72,635)	MKS INSTRUMENTS ORD	0.855	NA	BB	BB+
Wellington DUSG	06/21/22	06/23/22	(82,518)	MKS INSTRUMENTS ORD	0.855	NA	BB	BB+
Wellington DUSG	06/21/22	06/23/22	(82,390)	MKS INSTRUMENTS ORD	0.855	NA	BB	BB+
Wellington DUSG	06/22/22	06/24/22	(88,562)	MKS INSTRUMENTS ORD	0.874	NA	BB	BB+
Wellington DUSG	06/22/22	06/24/22	(20,373)	MKS INSTRUMENTS ORD	0.874	NA	BB	BB+
			(1,418,944)					
Media								
Conning	06/02/22	06/06/22	(20,126)	COMCAST CL A ORD	2.329	NA	A-	A-
			(20,126)					
Miscellaneous Manufactur								
Conning	06/02/22	06/06/22	(315,846)	3M ORD	4.009	NA	A+	NA
Conning	06/02/22	06/06/22	(110,774)	ILLINOIS TOOL ORD	2.294	NA	A+	NA
			(426,620)					
Oil&Gas								
Conning	06/02/22	06/06/22	(1,456,290)	CONOCOPHILLIPS ORD	1.574	A3	A-	A
Conning	06/02/22	06/06/22	(1,570,849)	EOG RESOURCES ORD	1.667	NA	A-	NA
			(3,027,139)					
Pharmaceuticals								
Wellington	04/05/22	04/07/22	(637,838)	MERCK & CO. INC.	3.201	WR	A+	A+
Wellington	04/06/22	04/08/22	(2,145,427)	MERCK & CO. INC.	3.154	WR	A+	A+
Wellington	04/06/22	04/08/22	(414,611)	MERCK & CO. INC.	3.154	WR	A+	A+
Wellington	04/06/22	04/08/22	(16,899)	MERCK & CO. INC.	3.154	WR	A+	A+
Wellington DUSG	04/20/22	04/22/22	(72,296)	ELI LILLY ORD	1.205	A2	A+	WR
Wellington	05/17/22	05/19/22	(2,124,034)	MERCK & CO. INC.	2.882	WR	A+	A+
Wellington	05/18/22	05/20/22	(218,166)	MERCK & CO. INC.	2.910	WR	A+	A+
Conning	06/02/22	06/06/22	(995,309)	AMGEN ORD	2.981	NA	A-	BBB+
Conning	06/02/22	06/06/22	(892,865)	BRISTOL MYERS SQUIBB ORD	2.744	NA	A+	WR
Conning	06/02/22	06/06/22	(1,684,292)	ELI LILLY ORD	1.210	A2	A+	WR
Conning	06/02/22	06/06/22	(686,773)	GILEAD SCIENCES ORD	4.507	NA	BBB+	NA
Conning	06/02/22	06/06/22	(949,093)	PFIZER ORD	2.999	A2	A+	A
Wellington	06/30/22	07/05/22	(1,576,461)	MERCK & CO. INC.	2.983	WR	A+	A+
Wellington	06/30/22	07/05/22	(935,608)	MERCK & CO. INC.	2.983	WR	A+	A+
Wellington	07/01/22	07/06/22	(72,659)	MERCK & CO. INC.	2.943	WR	A+	A+
Wellington	07/01/22	07/06/22	(1,146,580)	MERCK & CO. INC.	2.943	WR	A+	A+
Wellington DUSG	07/26/22	07/28/22	(272,261)	ELI LILLY ORD	1.104	A2	A+	WR
			(14,841,172)					
REITS								
Wellington	04/27/22	04/29/22	(735,076)	AMERICAN TOWER REIT	2.124	WR	BBB-	BBB+
			(735,076)					

				Retail				
Conning	06/02/22	06/06/22	(562,560)	MCDONALD'S ORD	2.133	WR	BBB+	WR
(562,560)								
				Semiconductors				
Wellington DUSG	04/18/22	04/20/22	(51,629)	MARVELL TECHNOLOGY ORD	0.389	NA	BBB-	BBB-
Wellington DUSG	04/27/22	04/29/22	(130,339)	KLA ORD	1.287	NA	A-	A-
Wellington DUSG	04/27/22	04/29/22	(46,580)	MARVELL TECHNOLOGY ORD	0.423	NA	BBB-	BBB-
Wellington DUSG	04/27/22	04/29/22	(7,211)	TERADYNE ORD	0.386	NA	NA	NA
Wellington DUSG	04/27/22	04/29/22	(26,536)	TEXAS INSTRUMENTS ORD	2.562	NA	A+	WR
Conning	06/02/22	06/06/22	(552,839)	ANALOG DEVICES ORD	1.714	WR	A-	NA
Conning	06/02/22	06/06/22	(220,550)	BROADCOM ORD	2.670	NA	BBB-	BBB-
Conning	06/02/22	06/06/22	(509,187)	TEXAS INSTRUMENTS ORD	2.529	NA	A+	WR
Wellington DUSG	06/16/22	06/21/22	(78,306)	KLA ORD	1.353	NA	A-	A-
Wellington DUSG	06/17/22	06/22/22	(102,280)	ENTEGRIS ORD	0.391	NA	BB+	BB
Wellington DUSG	06/17/22	06/22/22	(36,794)	ENTEGRIS ORD	0.391	NA	BB+	BB
Wellington DUSG	06/21/22	06/23/22	(53,359)	ENTEGRIS ORD	0.376	NA	BB+	BB
Wellington DUSG	06/21/22	06/23/22	(114,348)	ENTEGRIS ORD	0.376	NA	BB+	BB
Wellington DUSG	06/21/22	06/23/22	(66,549)	ENTEGRIS ORD	0.376	NA	BB+	BB
Wellington DUSG	07/19/22	07/21/22	(89,550)	ADVANCED MICRO DEVICES ORD	NA	WR	A-	NA
Wellington DUSG	07/19/22	07/21/22	(88,730)	KLA ORD	1.215	NA	A-	A-
Wellington DUSG	07/19/22	07/21/22	(90,450)	MARVELL TECHNOLOGY ORD	0.461	NA	BBB-	BBB-
(2,265,236)								
				Software				
Wellington DUSG	05/17/22	05/19/22	(23,504)	QUALTRICS INTERNATIONAL CL A ORD	NA	NA	NA	NA
Wellington DUSG	05/18/22	05/20/22	(37,831)	QUALTRICS INTERNATIONAL CL A ORD	NA	NA	NA	NA
Wellington DUSG	05/19/22	05/23/22	(47,180)	QUALTRICS INTERNATIONAL CL A ORD	NA	NA	NA	NA
Wellington DUSG	05/23/22	05/25/22	(24,853)	QUALTRICS INTERNATIONAL CL A ORD	NA	NA	NA	NA
Wellington DUSG	05/24/22	05/26/22	(23,641)	QUALTRICS INTERNATIONAL CL A ORD	NA	NA	NA	NA
Wellington DUSG	05/25/22	05/27/22	(23,729)	QUALTRICS INTERNATIONAL CL A ORD	NA	NA	NA	NA
Wellington DUSG	05/26/22	05/31/22	(25,373)	QUALTRICS INTERNATIONAL CL A ORD	NA	NA	NA	NA
Wellington DUSG	05/26/22	05/31/22	(96,159)	WORKDAY CL A ORD	NA	Baa2	BBB	NA
Wellington DUSG	05/27/22	06/01/22	(24,882)	QUALTRICS INTERNATIONAL CL A ORD	NA	NA	NA	NA
Wellington DUSG	05/27/22	06/01/22	(14,570)	QUALTRICS INTERNATIONAL CL A ORD	NA	NA	NA	NA
Wellington DUSG	07/19/22	07/21/22	(50,828)	PAYCOM SOFTWARE ORD	NA	NA	NA	NA
Wellington DUSG	07/19/22	07/21/22	(87,018)	WORKDAY CL A ORD	NA	Baa2	BBB	NA
(479,568)								
				Telecommunications				
Wellington DUSG	06/22/22	06/24/22	(443,059)	APPLE ORD	0.658	WR	AA+	NA
(443,059)								
				Transportation				
Wellington DUSG	04/04/22	04/06/22	(104,545)	FEDEX ORD	1.376	NA	BBB	WR
Wellington DUSG	04/07/22	04/11/22	(391,008)	FEDEX ORD	1.472	NA	BBB	WR
Wellington	04/27/22	04/29/22	(373,138)	UNION PACIFIC ORD	1.900	A3	A-	A-
(868,691)								
Equity Sales:								
Conning			(26,188,845)	35 Items				
Equity Sales:								
Wellington			(39,404,307)	105 Items				
Grand Total				(65,593,152)		140 Items		

SHORT TERM INVESTMENT TRANSACTIONS

4 transactions were consummated during the period from April 1st to July 31st, 2022.

SHORT TERM PURCHASES

Trade	Settle	Current Units	Description	Coupon	Maturity	Yield	Moody's	S&P	Fitch	
Commercial Papers										
05/25/22	05/27/22	25,000,000	Henkel Corporation	-	06/22/22	1.00	P-1	A-1	NR	
05/17/22	05/18/22	25,000,000	National Securities Clearing Corporation	-	06/16/22	0.90	P-1	A-1+	NR	
		50,000,000								
MMFund										
06/30/22	06/30/22	25,054,309	FIRST AMER:GVT OBLG Z	1.30	06/30/22	-	Aaa	AAAm	NA	
		25,054,309								

Total CD Purchases:	0	0
Total CP Purchases:	50,000,000	2 Items
Total Agency Disc Purchases:	0	0
Total MMFUND Purchases:	25,054,309	1 item
Grand Total Short-term Purchases:	75,054,309	3 items

SHORT TERM SALES

MMFund Sell										
06/30/22	06/30/22	(25,054,309)	FIRST AMER:GVT OBLG Z	0.01	06/30/22	-	Aaa	AAAm	NA	
		(25,054,309)								

Total MMFUND Sales:	(25,054,309)	1 Item
Grand Total Short-term Sales:	(25,054,309)	1 Items

COMPLIANCE REPORT

As of July 31, 2022

State Fund's Investment Policy is reviewed annually by the Investment and Risk Committee and approved by the Board of Directors.

There are no out-of-compliance items this period.

MOTION: To approve and ratify the transactions described on this list.