



Report to: General Committee

Report Date: October 23, 2017

SUBJECT: 2017 Third Quarter Investment Performance Review
PREPARED BY: Mark Visser, Senior Manager of Financial Strategy & Investments

RECOMMENDATION:

THAT the report dated October 23, 2017 entitled "2017 Third Quarter Investment Performance Review" be received.

EXECUTIVE SUMMARY:

Not applicable

PURPOSE:

Pursuant to Regulation 438/97 Section 8, the Municipal Act requires the Treasurer to "prepare and provide to the Council, each year or more frequently as specified by Council, an investment report".

The investment report shall contain,

- (a) a statement about the performance of the portfolio of investments of the municipality during the period covered by the report;
- (b) a description of the estimated portion of the total investments of a municipality that are invested in its own long-term and short-term securities to the total investment of the municipality and a description of the change, if any, in that estimated proportion since the previous year's report;
- (c) a statement by the Treasurer as to whether or not, in his opinion, all investments were made in accordance with the investment policies and goals adopted by the municipality;
- (d) a record of the date of each transaction in or disposal of its own securities, including a statement of the purchase and sale price of each security;
- (e) such other information that the Council may require or that, in the opinion of the Treasurer, should be included.

BACKGROUND:

For the nine months ending September 30, 2017, the City of Markham's Income Earned on Investments was \$8.209 million, compared to a budget of \$7.705 million, representing a \$504,000 favourable variance.

The 2017 investment income budget is \$10.35 million which assumes an average portfolio balance of \$375.0 million and an average interest rate of 2.76%. The monthly budget allocation has been modified to reflect the changing portfolio balances throughout the year.

Period	Avg. Balance	Avg. Rate	Budget
Q1	\$350.0m	3.00%	\$2,589,041
Q2	\$400.0m	2.55%	\$2,544,241
Q3	\$400.0m	2.55%	\$2,572,200
Q4	\$349.7m	3.00%	\$2,644,518
2017 Total	\$375.0m	2.76%	\$10,350,000

The budget for the first three quarters of 2017 assumes an average general fund portfolio balance of \$383.5 million to be invested at an average rate of return of 2.69%. The actual average portfolio balance was higher than the budgeted level, while the average rate of return was below the budgeted level.

Interest Rate

The Bank of Canada Prime Rate was at 2.70% throughout the first two quarters of 2017. The Bank of Canada made two 25 basis point increases to the rate in the third quarter. These rate hikes are starting to have an impact on longer bond yields as well. 10 year Canada bonds began the year trading at a 1.71% yield and had jumped to 2.13% by the end of the third quarter.

During the first three quarters of 2017, the City's general portfolio investments had an average interest rate of 2.50%; 19 basis points lower than budget. However, through bond trading, the City realized \$479,000 of Capital Gains, thereby increasing the actual rate of return to 2.65%; still 4 basis points lower than the budgeted rate. The difference in the rate of return accounts for an unfavourable variance of \$108,000.

Portfolio Balance

The budgeted average portfolio balance for the first three quarters of 2017 was \$383.5 million. The actual average general fund portfolio balance (including cash balances) for the first three quarters of 2017 was \$414.0 million. The higher portfolio balance accounts for a favourable variance of \$612,000.

Variance Summary

	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
Portfolio Balance	\$383.5m	\$414.0m	\$30.5m
Interest Rate	2.69%	2.65%	(0.04%)
Investment Income	\$7.705m	\$8.209m	\$0.504m
Portfolio Balance Variance Impact			\$0.612m
Interest Rate Variance Impact			(\$0.108m)

Portfolio Composition

All investments made in the first three quarters of 2017 adhered to the City of Markham investment policy. At September 30, 2017, 38% of the City's portfolio (not including bank balances) was comprised of government issued securities. The remaining 62% of the portfolio was made up of instruments issued by Schedule 1 Banks (Exhibit 1). All of these levels are within the targets established in the City's Investment Policy.

The September 30, 2017 investment portfolio (not including bank balances) was comprised of the following instruments: Bonds 75%, and GICs 25% (Exhibit 2).

At September 30, 2017, the City's portfolio balance for all funds was \$348.4 million (including bank balances). DCA investments represented \$1.8 million of this amount. The City's portfolio (all funds excluding DCA) of \$346.6 million was broken down into the following investment terms (Exhibit 3):

Under 1 month	21.9%
1 month to 3 months	1.4%
3 months to 1 year	24.6%
Over 1 year	52.1%
Weighted average investment term	1,848.6 days
Weighted average days to maturity	1,083.3 days

Money Market Performance

The City of Markham uses the 3-month T-bill rates to gauge the performance of investments in the money market. The average 3-month T-bill rate for the first three quarters of 2017 was 0.64% (source: Bank of Canada). Non-DC Fund money market investments (including bank balances) held by the City of Markham during the first three quarters of 2017 had an average return of 1.35%. Therefore, the City's money market investments outperformed 3-month T-Bills by 71 basis points. See Exhibit 4 for all Money Market securities held by the City of Markham in the first three quarters of 2017.

Bond Market Performance

The 2017 YTD highlights of Markham's bond portfolio are as follows:

- 8 bonds were purchased with a face value of \$44.7 million
- 4 bonds were sold with a face value of \$16.8 million
- \$479,000 of Capital Gains were realized

Outlook

In the third quarter, the Prime Rate rose to over 3% for the first time in over five years. This increase is having a slow, but positive, impact on longer term bond yields.

The recent rate increases will not have an immediate impact on the City's Investment Income budget. The City allocates money market interest to interest bearing reserves so

the recent rate increases have a much greater benefit to those reserves than to the General Portfolio investment budget, which is comprised mostly of bonds. As long term rates continue to increase and some of the City's longer duration investments mature, the General Portfolio average rate of return should get back to over 3% as it was in 2015 and prior.

OPTIONS/ DISCUSSION:

Not Applicable

FINANCIAL CONSIDERATIONS AND TEMPLATE: (external link)

Not Applicable

ENVIRONMENTAL CONSIDERATIONS:

Not Applicable

ACCESSIBILITY CONSIDERATIONS:

Not Applicable

BUSINESS UNITS CONSULTED AND AFFECTED:

Not Applicable

RECOMMENDED BY:



Joel Lustig
Treasurer

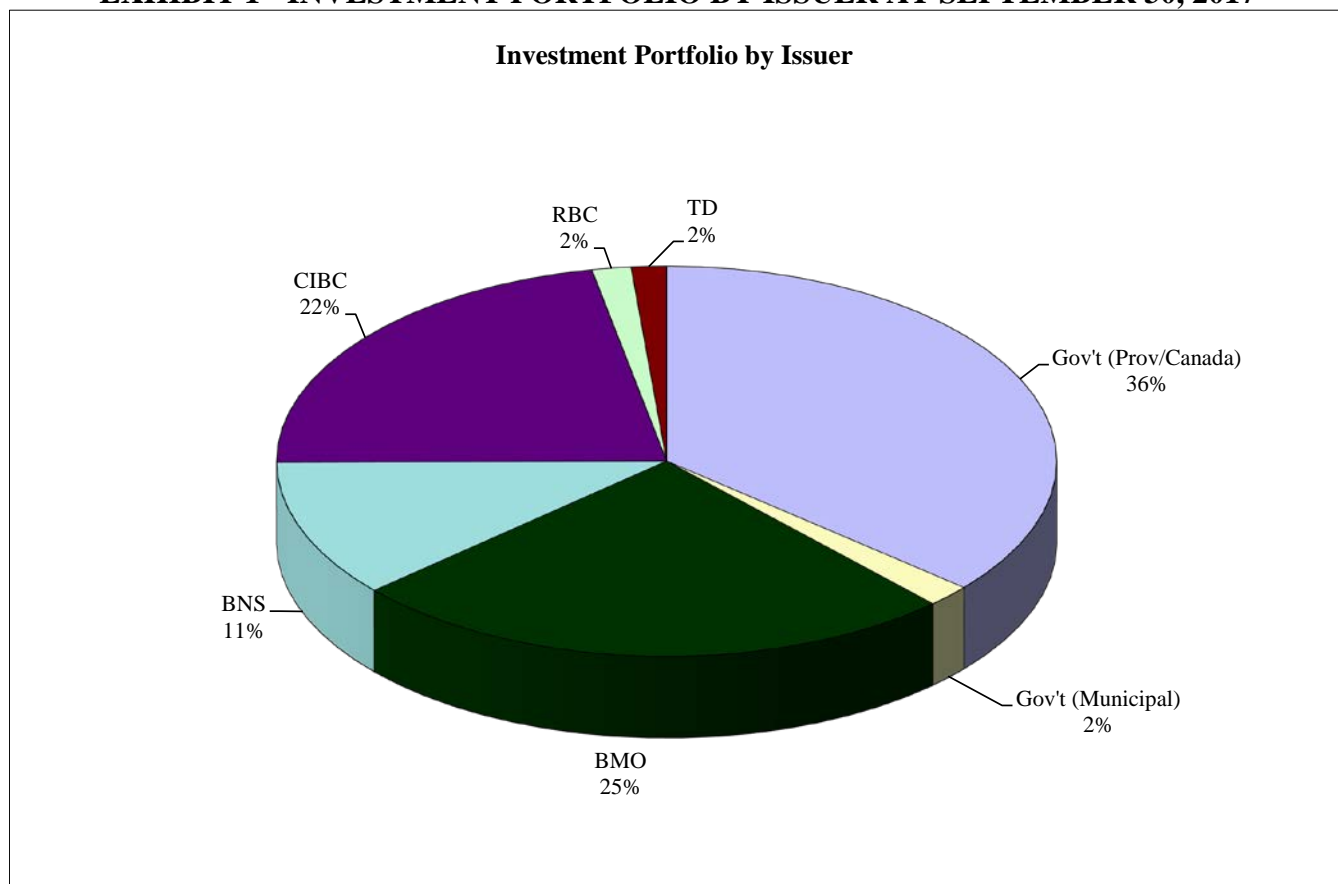


Trinela Cane
Commissioner, Corporate Services

ATTACHMENT 1:

- Exhibit 1 – Investment Portfolio by Issuer
- Exhibit 2 – Investment Portfolio by Instrument
- Exhibit 3 – Investment Terms
- Exhibit 4 – 2017 Money Market Investments
- Exhibit 5 – 2017 Bond Market Investments
- Exhibit 6 – 2017 DCA Fund Investments

EXHIBIT 1 - INVESTMENT PORTFOLIO BY ISSUER AT SEPTEMBER 30, 2017

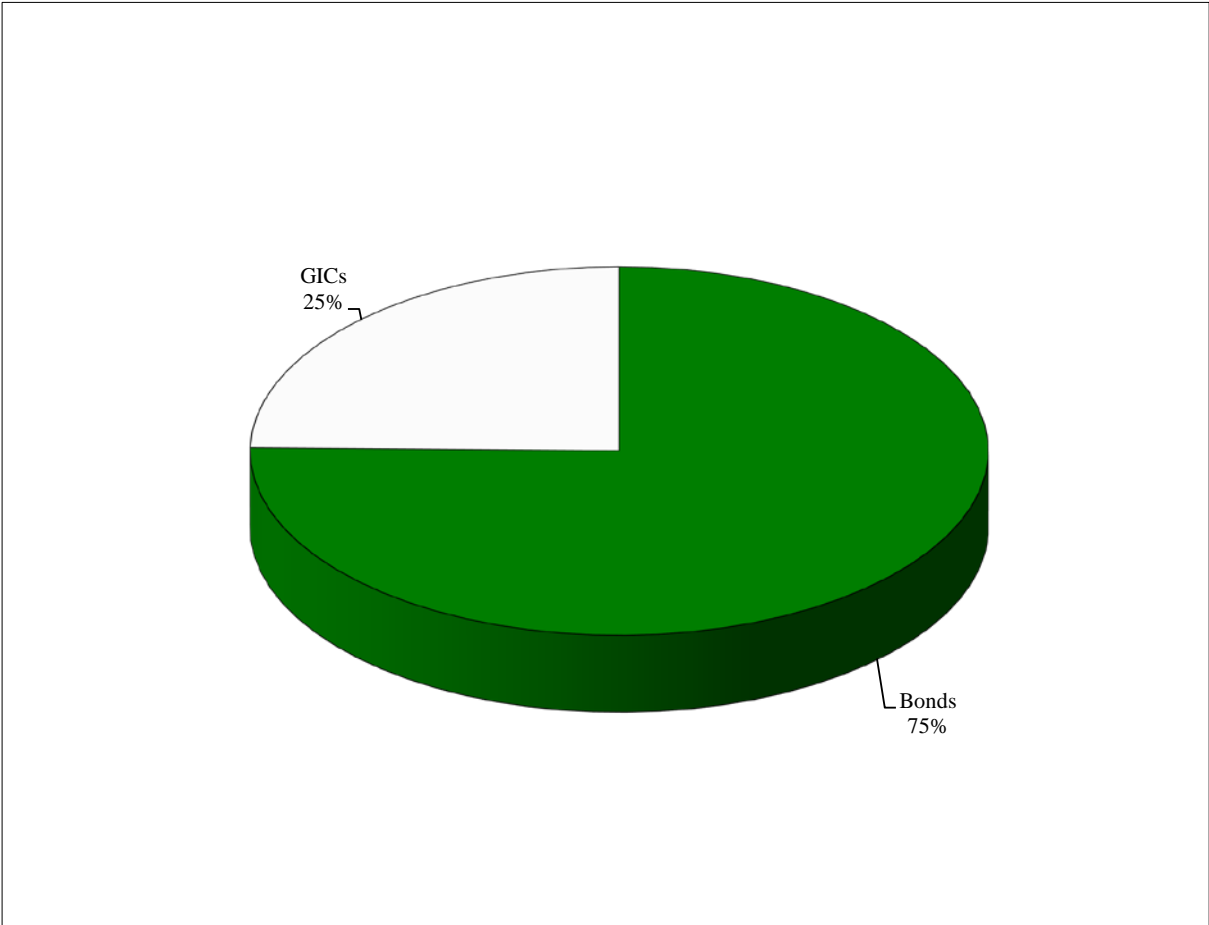


Quarter-End Portfolio Balance (All Funds; excluding bank balances): \$250.8m

	Investment Policy Targets	Portfolio at Sep 30/17
Government (Federal/Provincial)	>40%, no max	36% *
Government (Municipal)	max 30%	2%
Schedule A Banks:		
Bank of Nova Scotia	max 20%	11%
Bank of Montreal	max 20%	25% *
CIBC	max 20%	22% *
Royal Bank of Canada	max 20%	2%
Toronto Dominion	max 20%	2%
Schedule A Banks Total	max 60%	62%
Schedule B Banks:		
Hong Kong Bank	max 15%	0%
		<u>100%</u>

* The City's Investment Policy allows for deviations of +/- 5% in order to take advantage of market conditions

EXHIBIT 2 - INVESTMENT PORTFOLIO BY INSTRUMENT AT SEPTEMBER 30, 2017



Quarter-End Portfolio Balance (All Funds, excluding cash balances): \$250.8m

EXHIBIT 3 - INVESTMENT TERMS (All Funds excluding DCA)

9/30/2017

INSTRUMENT	ISSUER	INT RATE	DATE BGT	DATE SOLD	BOUGHT	MATURITY VALUE	LENGTH	DAYS to MA	W AVG LENGTH	W AVG MAT
BANK ACCOUNT		1.53	30-Sep-2017	01-Oct-2017	75,777,916.10	75,781,092.54	1	1	75,777,916	75,777,916
				Less than 1 month	75,777,916	21.9%				
GIC (2020)	BNS	2.46	20-Nov-2016	20-Nov-2017	5,000,000.00	5,123,000.00	365	51	1,825,000,000	255,000,000
				Between 1 and 3 months	5,000,000	1.4%				
GIC	BMO	2.15	25-Feb-2017	25-Feb-2018	4,000,000.00	4,086,000.00	365	148	1,460,000,000	592,000,000
GIC (2020)	BNS	2.16	02-Mar-2017	02-Mar-2018	5,000,000.00	5,108,000.00	365	153	1,825,000,000	765,000,000
BOND	BMO	2.11	03-Mar-2017	03-Mar-2018	5,000,000.00	5,000,000.00	365	154	1,825,000,000	770,000,000
BOND	ONT	4.73	29-Oct-2008	08-Mar-2018	1,928,640.00	2,000,000.00	3,417	159	6,590,162,880	306,653,760
BOND	BMO	4.57	10-Sep-2009	28-Mar-2018	2,232,000.00	2,000,000.00	3,121	179	6,966,072,000	399,528,000
GIC	CIBC	1.45	29-Mar-2017	29-Mar-2018	40,000,000.00	40,580,000.00	365	180	14,600,000,000	7,200,000,000
BOND	BMO	5.63	09-Sep-2008	02-May-2018	1,552,500.00	1,500,000.00	3,522	214	5,467,905,000	332,235,000
BOND	BMO	3.50	12-May-2017	12-May-2018	6,000,000.00	6,000,000.00	365	224	2,190,000,000	1,344,000,000
BOND	ONT	4.29	15-Jul-2009	02-Jun-2018	1,994,000.00	2,000,000.00	3,244	245	6,468,536,000	488,530,000
BOND	CIBC	4.21	07-Feb-2011	06-Jun-2018	2,229,000.00	2,000,000.00	2,676	249	5,964,804,000	555,021,000
BOND	CIBC	4.23	08-Feb-2011	06-Jun-2018	1,113,500.00	1,000,000.00	2,675	249	2,978,612,500	277,261,500
BOND	ONT	2.25	21-Jun-2017	21-Jun-2018	2,660,000.00	2,660,000.00	365	264	970,900,000	702,240,000
BOND	TD	4.18	31-Jan-2011	09-Jul-2018	3,654,420.00	3,300,000.00	2,716	282	9,925,404,720	1,030,546,440
GIC (2019)	BNS	2.60	24-Sep-2017	24-Sep-2018	8,000,000.00	8,208,000.00	365	359	2,920,000,000	2,872,000,000
				Between three months and one year	85,364,060	24.6%				
INTERNAL LENDING TO DCA		3.20	30-Sep-2017	01-Jan-2019	20,000,000.00	20,803,068.49	458	458	9,160,000,000	9,160,000,000
BOND	ONT	4.39	24-Feb-2009	02-Dec-2018	1,972,500.00	3,000,000.00	458	458	9,160,000,000	9,160,000,000
BOND	BC	4.71	01-May-2009	09-Jan-2019	2,168,745.25	3,387,500.00	3,540	466	7,677,358,185	1,010,635,287
BOND	YORK	5.09	29-Apr-2009	29-Apr-2019	997,590.00	1,000,000.00	3,652	576	3,643,198,680	574,611,840
BOND	ONT	4.33	15-Jan-2009	02-Jun-2019	5,440,850.00	5,000,000.00	3,790	610	20,620,821,500	3,318,918,500
BOND	ONT	4.48	30-Jan-2009	02-Jun-2019	3,223,410.00	3,000,000.00	3,775	610	12,168,372,750	1,966,280,100
BOND	ONT	4.70	26-Aug-2009	02-Jun-2019	3,829,560.00	6,000,000.00	3,567	610	13,660,040,520	2,336,031,600
BOND	BNS	3.30	04-Sep-2013	18-Oct-2019	2,961,000.00	3,000,000.00	2,235	748	6,617,835,000	2,214,828,000
BOND	BNS	2.02	02-Aug-2017	18-Oct-2019	7,655,680.00	8,000,000.00	807	748	6,178,133,760	5,726,448,640
BOND	WATERLOO	3.80	30-Nov-2010	30-Nov-2019	1,495,455.00	1,500,000.00	3,287	791	4,915,560,585	1,182,904,905
BOND	RBC	2.74	12-Mar-2013	06-Dec-2019	4,066,000.00	4,000,000.00	2,460	797	10,002,360,000	3,240,602,000
BOND	BMO	0.00	04-Oct-2016	03-Apr-2020	5,000,000.00	5,000,000.00	1,277	916	6,385,000,000	4,580,000,000
BOND	ONT	4.86	26-Aug-2009	02-Jun-2020	2,400,000.00	4,000,000.00	3,933	976	9,439,200,000	2,342,400,000
BOND	ONT	4.01	17-Aug-2010	02-Jun-2020	2,041,860.00	3,000,000.00	3,577	976	7,303,733,220	1,992,855,360
BOND	BMO	1.25	25-Jun-2014	25-Jun-2020	7,000,000.00	7,000,000.00	2,192	999	15,344,000,000	6,993,000,000
BOND	ONT	4.08	29-Nov-2010	13-Jul-2020	3,401,750.00	5,000,000.00	3,514	1,017	11,953,749,500	3,459,579,750
BOND	ONT	4.85	15-Jul-2009	02-Dec-2020	2,916,400.00	5,000,000.00	4,158	1,159	12,126,391,200	3,380,107,600
BOND	BCMFA	4.22	04-Apr-2011	01-Jun-2021	3,492,685.00	3,500,000.00	3,711	1,340	12,961,354,035	4,680,197,900
BOND	YORK REGION	3.43	18-Nov-2011	30-Jun-2021	2,098,160.00	2,000,000.00	3,512	1,369	7,368,737,920	2,872,381,040
BOND	CIBC	3.37	19-Mar-2013	07-Jan-2022	3,735,250.00	5,000,000.00	3,216	1,560	12,012,564,000	5,826,990,000
BOND	CIBC	3.32	29-May-2013	07-Jul-2022	3,714,500.00	5,000,000.00	3,326	1,741	12,354,427,000	6,466,944,500
BOND	ONT	4.56	18-Feb-2011	08-Sep-2022	5,975,600.00	10,000,000.00	4,220	1,804	25,217,032,000	10,779,982,400
BOND	ONT	4.52	30-Mar-2011	02-Dec-2022	4,772,000.00	8,000,000.00	4,265	1,889	20,352,580,000	9,014,308,000
BOND	CIBC	3.50	12-Mar-2013	07-Jan-2023	4,493,412.00	6,300,000.00	3,588	1,925	16,122,362,256	8,649,818,100
BOND	ONT	3.59	04-Dec-2013	08-Sep-2023	2,836,040.00	4,000,000.00	3,565	2,169	10,110,482,600	6,151,370,760
BOND	ONT	3.25	01-Nov-2012	02-Dec-2023	2,805,600.00	4,000,000.00	4,048	2,254	11,357,068,800	6,323,822,400
BOND	ONT	3.20	02-Oct-2012	07-Feb-2024	3,499,150.00	5,000,000.00	4,145	2,321	14,503,976,750	8,121,527,150
BOND	ONT	3.53	10-Feb-2014	02-Jun-2024	3,496,950.00	5,000,000.00	3,765	2,437	13,166,016,750	8,522,067,150
BOND	ONT	3.48	21-Mar-2014	02-Dec-2024	2,774,800.00	4,000,000.00	3,909	2,620	10,846,693,200	7,269,976,000
BOND	BMO	1.00	13-May-2015	13-May-2025	7,000,000.00	7,000,000.00	3,653	2,782	25,571,000,000	19,474,000,000
BOND	BMO	0.00	16-Sep-2015	16-Sep-2025	3,000,000.00	3,000,000.00	3,653	2,908	10,959,000,000	8,724,000,000
BOND	BMO	1.00	23-Dec-2015	23-Dec-2025	7,000,000.00	7,000,000.00	3,653	3,006	25,571,000,000	21,042,000,000
BOND	BMO	0.00	31-Mar-2016	31-Mar-2026	6,000,000.00	6,000,000.00	3,652	3,104	21,912,000,000	18,624,000,000
BOND	BMO	0.00	17-Aug-2016	17-Aug-2026	5,000,000.00	5,000,000.00	3,652	3,243	18,260,000,000	16,215,000,000
BOND	BMO	1.25	23-Feb-2017	23-Feb-2027	5,000,000.00	5,000,000.00	3,652	3,433	18,260,000,000	17,165,000,000
BOND	BMO	1.00	04-Apr-2017	04-Apr-2027	5,000,000.00	5,000,000.00	3,652	3,473	18,260,000,000	17,365,000,000
BOND	ONT	2.81	27-Apr-2016	02-Jun-2028	4,291,440.00	6,000,000.00	4,419	3,898	18,963,873,360	16,728,033,120
BOND	ONT	3.06	21-Dec-2016	02-Dec-2028	6,959,700.00	10,000,000.00	4,364	4,081	30,372,130,800	28,402,535,700
BOND	ONT	2.93	13-Jan-2017	02-Dec-2028	4,965,800.00	7,000,000.00	4,341	4,081	21,556,537,800	20,265,429,800
BOND	BMO	1.50	15-Sep-2017	15-Sep-2029	6,000,000.00	6,000,000.00	4,383	4,368	26,298,000,000	26,208,000,000
				Over 1 year	180,481,887	52.1%				

Bonds	188,845,947	Average Length of Investment (days)	1,848.6
Money Market/Other	157,777,916	Weighted Average Days to Maturity	1,083.3
Portfolio Balance Sep 30, 2017	346,623,863		
General Fund and Other Reserves (not including DCA)			

EXHIBIT 4 - 2017 MONEY MARKET INVESTMENTS (All Funds excluding DCA)

ISSUER	INT RATE	DATE BOUGHT	DATE SOLD	BOUGHT	SOLD
BANK BALANCE	1.53	30-Sep-17	1-Oct-17	75,777,916.10	75,781,092.54
CIBC GIC	1.50	8-Feb-16	8-Feb-17	5,000,000.00	5,075,000.00
BMO GIC	2.15	25-Feb-16	25-Feb-17	4,000,000.00	4,086,000.00
BNS GIC	2.16	2-Mar-16	2-Mar-17	5,000,000.00	5,108,000.00
CIBC GIC	1.35	23-Mar-16	23-Mar-17	40,000,000.00	40,540,000.00
BNS GIC	2.60	24-Sep-16	24-Sep-17	8,000,000.00	8,208,000.00
BNS GIC	2.46	20-Nov-16	20-Nov-17	5,000,000.00	5,123,000.00
BMO GIC	2.15	25-Feb-17	25-Feb-18	4,000,000.00	4,086,000.00
BNS GIC	2.16	2-Mar-17	2-Mar-18	5,000,000.00	5,108,000.00
CIBC GIC	1.45	29-Mar-17	29-Mar-18	40,000,000.00	40,580,000.00
BNS GIC	2.60	24-Sep-17	24-Sep-18	8,000,000.00	8,208,000.00

EXHIBIT 5 - 2017 BOND MARKET INVESTMENTS (All Funds excluding DCA)

BONDS THAT MATURED IN 2017:

ISSUER	COUPON RATE	YIELD	PURCHASE DATE	MATURITY DATE	COST	FACE VALUE
BMO	2.05	2.07	03-Mar-2016	03-Mar-2017	5,000,000.00	5,000,000.00
ONT	4.30	4.57	26-Nov-2008	08-Mar-2017	1,970,560.00	2,000,000.00
YORK REGION	4.30	4.38	27-May-2009	27-May-2017	1,148,226.09	1,151,000.00
ONT	0.00	1.83	26-Mar-2013	02-Jun-2017	9,269,500.00	10,000,000.00
ONT	2.25	2.25	21-Jun-2016	21-Jun-2017	5,000,000.00	5,000,000.00
ONT	2.00	1.80	06-Jul-2016	21-Jun-2017	2,694,207.60	2,660,000.00
BNS	2.90	2.67	21-Sep-2012	03-Aug-2017	4,044,000.00	4,000,000.00
OTTAWA	3.75	3.82	13-Aug-2010	13-Aug-2017	2,993,610.00	3,000,000.00

BONDS SOLD IN 2017:

ISSUER	COUPON RATE	YIELD	PURCHASE DATE	DATE SOLD	COST	FACE VALUE	SALE PROCEEDS	CAPITAL GAIN/(LOSS)
ONT	0.00%	5.11	05-Nov-2008	10-Feb-2017	2,999,999.57	4,835,979.00	4,771,950.64	186,475.70
BMO	0.00%	4.11	16-Feb-2011	23-Mar-2017	2,299,200.00	3,000,000.00	2,979,090.00	33,377.32
ONT	0.00%	4.01	17-Aug-2010	23-Mar-2017	2,041,860.00	3,000,000.00	2,846,370.00	158,964.18
ONT	0.00%	3.02	17-Mar-2017	21-Apr-2017	4,360,800.00	6,000,000.00	4,476,000.00	100,534.36
								479,351.56

BOND HOLDINGS at SEPTEMBER 30, 2017:

ISSUER	COUPON RATE	YIELD	PURCHASE DATE	MATURITY DATE	COST	FACE VALUE
BMO	2.10	2.11	3-Mar-17	3-Mar-18	5,000,000.00	5,000,000.00
ONT	4.20	4.73	29-Oct-08	8-Mar-18	1,928,640.00	2,000,000.00
BMO	6.17	4.57	10-Sep-09	28-Mar-18	2,232,000.00	2,000,000.00
BMO	6.02	5.63	9-Sep-08	2-May-18	1,552,500.00	1,500,000.00
BMO	3.50	3.50	12-May-17	12-May-18	6,000,000.00	6,000,000.00
ONT	4.20	4.29	15-Jul-09	2-Jun-18	1,994,000.00	2,000,000.00
CIBC	6.00	4.21	7-Feb-11	6-Jun-18	2,229,000.00	2,000,000.00
CIBC	6.00	4.23	8-Feb-11	6-Jun-18	1,113,500.00	1,000,000.00
ONT	2.25	2.25	21-Jun-17	21-Jun-18	2,660,000.00	2,660,000.00
TD	5.83	4.18	31-Jan-11	9-Jul-18	3,654,420.00	3,300,000.00
ONT	-	4.39	24-Feb-09	2-Dec-18	1,972,500.00	3,000,000.00
BC	-	4.71	1-May-09	9-Jan-19	2,168,745.25	3,387,500.00
YORK	5.00	5.09	29-Apr-09	29-Apr-19	997,590.00	1,000,000.00
ONT	-	4.70	26-Aug-09	2-Jun-19	3,829,560.00	6,000,000.00
ONT	5.35	4.33	15-Jan-09	2-Jun-19	5,440,850.00	5,000,000.00
ONT	5.35	4.48	30-Jan-09	2-Jun-19	3,223,410.00	3,000,000.00
BNS	-	2.02	2-Aug-17	18-Oct-19	7,655,680.00	8,000,000.00
BNS	3.04	3.30	4-Sep-13	18-Oct-19	2,961,000.00	3,000,000.00
WATERLOO	3.75	3.80	30-Nov-10	30-Nov-19	1,495,455.00	1,500,000.00
RBC	2.99	2.74	12-Mar-13	6-Dec-19	4,066,000.00	4,000,000.00
BMO	-	-	4-Oct-16	3-Apr-20	5,000,000.00	5,000,000.00
ONT	-	4.86	26-Aug-09	2-Jun-20	2,400,000.00	4,000,000.00
ONT	-	4.01	17-Aug-10	2-Jun-20	2,041,860.00	3,000,000.00
BMO	1.25	1.25	25-Jun-14	25-Jun-20	7,000,000.00	7,000,000.00
ONT	-	4.08	29-Nov-10	13-Jul-20	3,401,750.00	5,000,000.00
ONT	-	4.85	15-Jul-09	2-Dec-20	2,916,400.00	5,000,000.00
BCMFA	4.15	4.22	4-Apr-11	1-Jun-21	3,492,685.00	3,500,000.00
YORK REGION	4.00	3.43	18-Nov-11	30-Jun-21	2,098,160.00	2,000,000.00
CIBC	-	3.37	19-Mar-13	7-Jan-22	3,735,250.00	5,000,000.00
CIBC	-	3.32	29-May-13	7-Jul-22	3,714,500.00	5,000,000.00
ONT	-	4.56	18-Feb-11	8-Sep-22	5,975,600.00	10,000,000.00
ONT	-	4.52	30-Mar-11	2-Dec-22	4,772,000.00	8,000,000.00
CIBC	-	3.50	12-Mar-13	7-Jan-23	4,493,412.00	6,300,000.00
ONT	-	3.59	4-Dec-13	8-Sep-23	2,836,040.00	4,000,000.00
ONT	-	3.25	1-Nov-12	2-Dec-23	2,805,600.00	4,000,000.00
ONT	-	3.20	2-Oct-12	7-Feb-24	3,499,150.00	5,000,000.00
ONT	-	3.53	10-Feb-14	2-Jun-24	3,496,950.00	5,000,000.00
ONT	-	3.48	21-Mar-14	2-Dec-24	2,774,800.00	4,000,000.00
BMO	1.00	1.00	13-May-15	13-May-25	7,000,000.00	7,000,000.00
BMO	-	-	16-Sep-15	16-Sep-25	3,000,000.00	3,000,000.00
BMO	1.00	1.00	23-Dec-15	23-Dec-25	7,000,000.00	7,000,000.00
BMO	-	-	31-Mar-16	31-Mar-26	6,000,000.00	6,000,000.00
BMO	-	-	17-Aug-16	17-Aug-26	5,000,000.00	5,000,000.00
BMO	1.25	1.25	23-Feb-17	23-Feb-27	5,000,000.00	5,000,000.00
BMO	1.00	1.00	4-Apr-17	4-Apr-27	5,000,000.00	5,000,000.00
ONT	-	2.81	27-Apr-16	2-Jun-28	4,291,440.00	6,000,000.00
ONT	-	3.06	21-Dec-16	2-Dec-28	6,959,700.00	10,000,000.00
ONT	-	2.93	13-Jan-17	2-Dec-28	4,965,800.00	7,000,000.00
BMO	1.50	1.50	15-Sep-17	15-Sep-29	6,000,000.00	6,000,000.00
					188,845,947.25	

EXHIBIT 6 - 2017 DCA FUND INVESTMENTS

ISSUER	INT RATE	DATE BOUGHT	DATE SOLD	BOUGHT	SOLD
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Current Holdings:

BANK BALANCE	1.50	30-Sep-17	1-Oct-17	21,813,674.45	21,814,570.90
Less: Internal Borrowing	3.20	30-Sep-17	1-Jan-19	-20,000,000.00	-20,803,068.49
				1,813,674.45	

Matured:

GOV CAN BOND (4%)	3.70	6-Jun-08	1-Jun-17	4,102,800.00	4,000,000.00
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