

P.O. Box 1749 Halifax, Nova Scotia B3J 3A5 Canada

Item No. 4
Halifax Regional Council
June 13, 2017

TO:	Mayor Savage and Members of Halifax Regional Council
	Original Signed
SUBMITTED BY:	
	Councillor Bill Karsten, Chair, Audit & Finance Standing Committee
DATE:	May 17, 2017
SUBJECT:	Investment Activities– Quarter Ending December 31, 2016

INFORMATION REPORT

ORIGIN

May 17, 2017 meeting of the Audit & Finance Standing Committee.

LEGISLATIVE AUTHORITY

The principle role of the Audit and Finance Standing Committee is to provide advice to Council on matters relating to Audit and Finance. In particular, Section 4 (f) of the Audit and Finance Standing Committee's Terms of Reference shall 'Review as required, any other policies, procedures, forecasts, reports or process as agreed to mutually by the CAO and the Committee

BACKGROUND

A staff report dated April 20, 2017 pertaining to Investment Activities – Quarter December 31, 2016 was before the Audit & Finance Standing Committee at its meeting held on May 17, 2017.

For further information please refer to the attached staff report dated April 20, 2017.

DISCUSSION

The Audit & Finance Standing Committee reviewed the staff report dated April 20, 2017 at its meeting held on May 17, 2017 and forwarded it to Regional Council as an information item.

FINANCIAL IMPLICATIONS

As outlined in the attached staff report dated April 20, 2017.

COMMUNITY ENGAGEMENT

The Audit & Finance Standing Committee meetings are open to public attendance, a live webcast is provided of the meeting, and members of the public are invited to address the Committee for up to five minutes at the end of each meeting during the Public Participation portion of the meeting. The agenda, reports, minutes, and meeting video of the Audit & Finance Standing Committee are posted on Halifax.ca

ATTACHMENTS

1. Staff report dated April 20, 2017

A copy of this report can be obtained online at http://www.halifax.ca/commcoun/index.php then choose the appropriate Community Council and meeting date, or by contacting the Office of the Municipal Clerk at 902.490.4210, or Fax 902.490.4208.

Report Prepared by: Sheilagh Edmonds, Legislative Assistant, 902.490.6521.



PO Box 1749 Halifax, Nova Scotia B3J 3A5 Canada

Attachment 1

Item No.
Audit and Finance Standing Committee
May 17, 2017

TO: Chair and Members of Audit and Finance Standing Committee

Original Signed

SUBMITTED BY:

Amanda Whitewood, Director of Finance and Asset Management/CFO

DATE: April 20, 2017

SUBJECT: Investment Activities – Quarter ending Dec 31, 2016

ORIGIN

Quarterly report of investment performance and adherence to approved Investment Policy.

LEGISLATIVE AUTHORITY

Section 121(1) of the HRM Charter requires that funds be invested pursuant to an Investment Policy adopted by Council and approved by the Minister of Municipal Affairs (the Minister) or invested pursuant to the Trustee Act. Where HRM has chosen to adopt an Investment Policy and the Minister has approved the Policy investment activities are governed by this Policy.

RECOMMENDATION

It is recommended that the Audit and Finance Standing Committee forward this report to Halifax Regional Council as an information item.

BACKGROUND

The HRM Investment Policy calls for quarterly reporting by the Treasurer to Council and the Investment Policy Advisory Committee (the Investment Committee). The report for the quarter ending December 31, 2016 has been reviewed by the Investment Committee. A report from the Investment Committee on compliance with the HRM Investment Policy has also been sent to the Audit and Finance Standing Committee meeting of May 17, 2017.

DISCUSSION

Overall Results

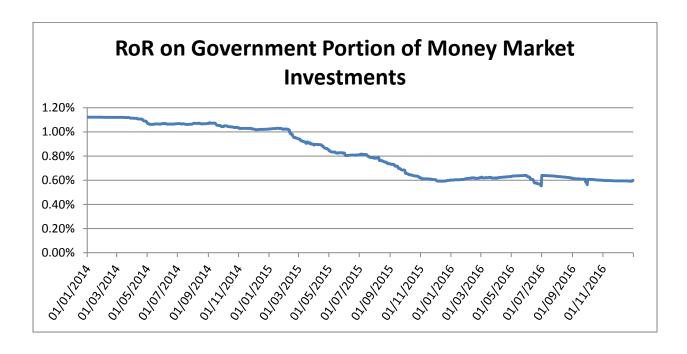
Operating fund investment income for the three months ending December 31, 2016 was \$1,385,867 versus a budget of \$1,200,000 for a surplus of \$185,867 due to an increase in cash flows. The rate of return for the period was 0.22% which was over the budgeted rate of return of 0.21%.

HRM Investment Activities

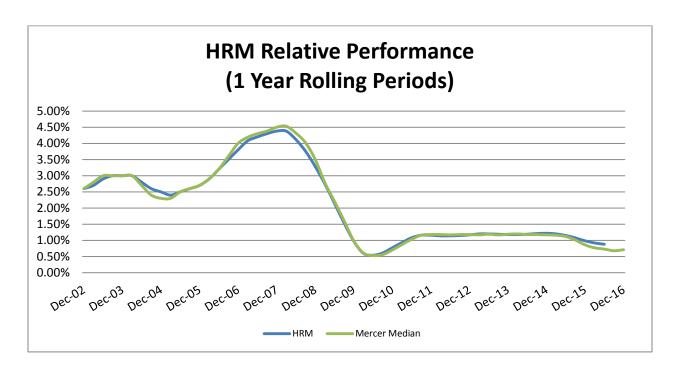
Mercer has discontinued its Investment Consulting Survey of Canadian Institutional Pooled Funds. HRM had been using this survey to compare returns with the industry. We have also been including the RBC Investor and Treasury Services Pooled Fund survey to the Investment Committee, which is very similar to the Mercer Survey. We will be using this survey going forward. Please see the table below with the results using the RBC Survey.

Money Market Funds	3 Months	1 Year
	(to Dec 31, 2016)	(to Dec 31, 2016)
5 th Percentile	0.25%	1.04%
1 st Quartile	0.22%	0.88%
Money Market Median	0.18%	0.71%
3 ^{ra} Quartile	0.16%	0.62%
95 th Percentile	0.10%	0.38%
HRM	0.22%	0.87%

Relative performance was again quite positive, the 3 month rate was at the 1st quartile, and the one year return was just below the 1st quartile. These returns are before any allowance for fees that could be paid for external management. The investment bank accounts continue to be largely responsible for this relative performance. The rate of return from the government half of the portfolio continues to deteriorate as maturities are re-invested in the lower interest rate environment.



As shown in the graph below, over the longer term HRM investment performance closely matches the median with fee savings also accruing to HRM.

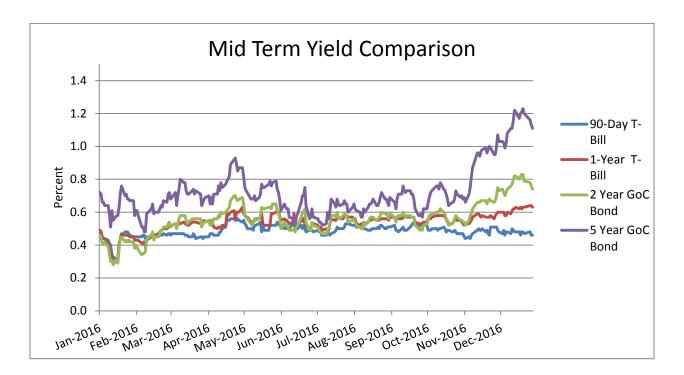


Funds held in the investment bank accounts, including term deposits, totaled \$217,609,780 by the end of the quarter. Incremental income over Bankers' Acceptances (BA's) and Bearer Deposit Notes (BDN's), using a rate of 0.82% as a proxy for the BA and BDN rates, was \$118,027 for the quarter.

The cumulative incremental gross investment income from the 2007 Policy change that expanded the non-government sector weight was \$2,179,933 or a \$164,492 increase during the quarter.

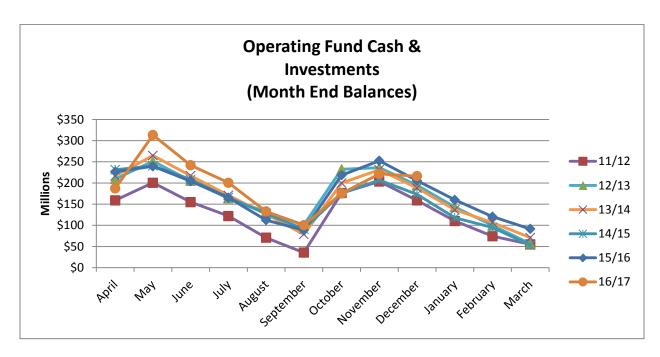
HRM Short Term Bond Pool

There were no additions or maturities in the bond pool during the quarter. At the end of the quarter the bond pool consisted of \$12,000,000 of bonds with yields ranging from 1.59% to 2.58% with a simple average yield of 2.20%. The term to maturity ranges from June 2017 to December 2018.



Cash Flows

Operating fund cash and investment balances are running \$32,800,000 higher than the previous year. Compared to the previous year there was a \$6,000,000 decrease in tax revenue received in the period and a \$1,700,000 Deed Transfer Tax (DTT) decrease. The remaining increase is attributable to the timing of operating cashflows.



Subsequent to End of Reporting Quarter

On January 18, 2017 and March 1, 2017 the Bank of Canada maintained interest rates (target for the overnight rate is 0.50%) amid uncertainty about the global outlook and material excess capacity in the Canadian economy.

Outlook & Strategy

The investment bank accounts, which are for the most part linked to the commercial bank prime rates, are continuing to provide significantly better returns than are available from BA's and government instruments.

The dominant strategy will again be to maximize returns from the investment bank accounts, keeping in mind that their liquidity adds a safety factor, while looking for opportunities in the government half of the portfolio.

Policy Compliance

Objectives:

Preservation of Capital - There was no loss of capital during the quarter.

<u>Liquidity</u> – Overdraft charges were not incurred and sufficient cash was available to meet all requirements. The funded ratio of the reserves at quarter end was 100%.

<u>Competitive Return on Investments</u> - The rate of return was above median for the year ending December 31, 2016 before allowing for fees that could have been paid to an external management firm. Staff maintain that the Policy benchmark was met.

Strategies:

<u>Diversification of Investment Portfolio</u> - Staff believe that diversification has been adequately maintained under the constraints of the Policy.

<u>Regular Review of Performance</u> - Performance data continues to be reported to the Investment Policy Advisory Committee.

<u>Risk Management Approach</u> – In implementing investment decisions staff seek a balance between the objectives of the Policy and the risks inherent in markets to look to achieve an optimal rate of return.

FINANCIAL IMPLICATIONS

As discussed above, operating fund investment income for the nine months ending December 31, 2016 was \$1,385,867 versus a budget of \$1,200,000 for a surplus of \$185,867 due to higher cashflows.

RISK CONSIDERATIONS

There are no significant risks associated with the recommendations in this report.

COMMUNITY ENGAGEMENT

Investment activities are reported quarterly to the Investment Policy Advisory Committee. The majority of members of this Committee (4 of 6) are volunteers from the general public. The Committee reports to the Audit and Finance Committee of Council quarterly on staff's compliance with the Investment Policy. In addition, the Committee conducts an annual review of the Investment Policy and makes recommendations for any changes considered appropriate.

ENVIRONMENTAL IMPLICATIONS

N/A

ALTERNATIVES

N/A

ATTACHMENTS

Sector Weight Schedules @ December 31, 2016 (Schedules A,B,C,D & E)

Appendix A - Economic Statistics and Central Bank Actions

Appendix B - List of Eligible Investments

Appendix C - DBRS Rating Scale

A copy of this report can be obtained online at http://www.halifax.ca/commcoun/index.php then choose the appropriate Community Council and meeting date, or by contacting the Office of the Municipal Clerk at 902-490-4210 or Fax 902-490-4208.

Report Prepared by: Renée Towns, CPA, CGA, CTP, Deputy Treasurer, 902-293-7983

Appendix A

Economic Statistics

	Canada	US
Unemployment Rate	Oct 7.0%	Oct 4.8%
	Nov 6.8%	Nov 4.6%
	Dec 6.9%	Dec 4.7%
Jobs Created / (Lost)	Oct 44	Oct 124
('000's)	Nov 11	Nov 164
	Dec 54	Dec 157
CPI (year over year)	Oct 1.5%	Oct 1.6%
	Nov 1.2%	Nov 1.7%
	Dec 1.5%	Dec 2.1%
CPI-X (Core) (year	Oct 1.7	Oct 2.1%
over year)	Nov 1.5	Nov 2.1%
,	Dec 1.6	Dec 2.2%
GDP	Q4: 0.5%	Q4: 2.1%

Central Bank Activities

- January 18, 2017: Bank of Canada Maintains overnight rate at 0.50%.
- February 1, 2017: U.S. Federal Open Market Committee maintains target range at 0.50%-0.75%.
- March 1, 2017: Bank of Canada Maintains overnight rate at 0.50%.
- March 15, 2017: U.S. Federal Open Market Committee raises target range to 0.75%-1.00%.

Appendix B

List of Eligible Investments

The Government of Canada & Its Guarantees:

Federal Government

Business Development Bank

Canada Mortgage & Housing Corporation

Canadian Wheat Board

Export Development Canada

Farm Credit Corporation

Provincial Governments & Their Guarantees:

The Province of Alberta & Its Guarantees

The Province of British Columbia & Its Guarantees

The Province of Manitoba & Its Guarantees

The Province of New Brunswick & Its Guarantees

The Province of Ontario & Its Guarantees

The Province of Quebec & Its Guarantees

The Province of Saskatchewan & Its Guarantees

The Province of Nova Scotia

Municipal Governments & Their Guarantees:

The Municipality of Calgary & Its Guarantees

Financial Institutions & Their Guarantees (Tier 1):

The Bank of Montreal & Its Guarantees

The Bank of Nova Scotia & Its Guarantees

Canadian Imperial Bank of Commerce & Its Guarantees

Royal Bank of Canada & Its Guarantees

Toronto Dominion Bank & Its Guarantees

Financial Institutions & Corporations (Tier 2):

Desjardins Group

Caisse Centrale Desjardins

CDP Financial Inc.

National Bank of Canada

OMERS Finance Trust

Appendix C

Dominion Bond Rating Service (DBRS) Rating Scale

R-1 (high)

Short-term debt rated R-1 (high) is of the highest credit quality, and indicates an entity possessing unquestioned ability to repay current liabilities as they fall due. Entities rated in this category normally maintain strong liquidity positions, conservative debt levels, and profitability that is both stable and above average. Companies achieving an R-1 (high) rating are normally leaders in structurally sound industry segments with proven track records, sustainable positive future results, and no substantial qualifying negative factors. Given the extremely tough definition DBRS has established for an R-1 (high), few entities are strong enough to achieve this rating.

R-1 (middle)

Short-term debt rated R-1 (middle) is of superior credit quality and, in most cases, ratings in this category differ from R-1 (high) credits by only a small degree. Given the extremely tough definition DBRS has established for the R-1 (high) category, entities rated R-1 (middle) are also considered strong credits, and typically exemplify above average strength in key areas of consideration for the timely repayment of short-term liabilities.

R-1 (low)

Short-term debt rated R-1 (low) is of satisfactory credit quality. The overall strength and outlook for key liquidity, debt, and profitability ratios is not normally as favourable as with higher rating categories, but these considerations are still respectable. Any qualifying negative factors that exist are considered manageable, and the entity is normally of sufficient size to have some influence in its industry.

Total Portfolio Sector Weights @ Dec 31, 2016

Cumulative Amount Invested

@ Book Value Category Status Guideline Limit Limit Available CASH & EQUIVALENTS Federal Government & its Guarantees 456,311,191 100% 455,309,658 0 0% 100% Open Federal Government Open 0 0% Business Development Bank . Open 0% Canada Mortgage & Housing Corp. Open 0 0% Canadian Wheat Board 0 0% Open Export Development Canada Open Farm Credit Corp ი 0% **Provincial Governments & their Guarantees** R-1 Mid or Greater 216.692.542 47% 456.311.191 100% 239.618.650 53% Total Alberta (R-1 High) Open Alberta (R-1 High) Open 46,930,130 Alberta Capital Finance Authority (R-1 High)
Alberta Treasury Branches (R-1 High) Open British Columbia (R-1 High)
Manitoba (R-1 Mid)
New Brunswick (R-1 Mid)
Nova Scotia (R-1 Mid) Open Open 114,077,798 114,077,798 112,000,755 75,071,138 0% 25% 25% 25% 9% 16% Open 11.984.520 3% 114.077.798 25% 102.093.278 22% Open 0% 114,077,798 25% 114,077,798 25% Ontario (R-1 Mid) Open 61.850.932 14% 114.077.798 25% 52.226.866 11% Quebec (R-1 Mid) 44 941 350 10% 114,077,798 25% 69,136,448 44,941,350 Quebec Financement Quebec Hydro Quebec Saskatchewan (R-1 High) Open 11.978.950 3% 114.077.798 25% 102.098.848 22% Municipal Governments & their Guarantees* R-1 Mid or Greater 0 0% 114.077.798 25% 114.077.798 25% Calgary (R-1 High) 45,631,119 45,631,119 Financial Institutions & their Guarantees /Corporations 227,588,945 50% 228,155,596 50% 566,651 0% BA's Schedule A Canadian Banks R-1 Mid Tier 1 - Financial Institutions & their Guarantees 204,777,388 45% 228,155,596 23,378,207 50% 5% Bank of Montreal (R-1 High) Open 45.564.669 10% 45.631.119 10% 66.450 0% BMO - Instruments 45,564,669 BMO - Account Bank of Nova Scotia (R-1 High)
Bank of Nova Scotia Effective Cash Open 19,979,164 4% 45,631,119 10% 25,651,955 6% 9,979,164 Bank of Nova Scotia - Notice Account 10.000.000 Canadian Imperial Bank of Commerce (R-1 High) Open 45,624,036 10% 45,631,119 10% 7,083 0% CIBC - Instuments CIBC - Account Royal Bank (R-1 High) 45 624 036 45,631,119 21,600 Open 45,609,520 10% 10% 0% RBC - Instuments RBC - Account Toronto Dominion (R-1 High) 48.000.000 Open 11% 45.631.119 10% -2.368.881 -1% 48,000,000 TD - Account R-1 Mid/High*** Tier 2 - Financial Institutions & Corporations 22,811,556 5% 114,077,798 25% 91,266,242 20% National Bank of Canada (R-1 Mid) OMERS Realty Corporation (R-1 High) Open Open 22.811.556 5% 22.815.560 5% 4.004 0% 0% 22,815,560 5% 22,815,560 5% CDP Financial Inc (R-1 High) Open 0 0% 22,815,560 5% 22.815.560 5% 22,815,560 22,815,560 Desigrdins Group (R-1 High) Open 0 Caisse Centale Desjardins (R-1 High) 444.281.486 Total Cash and Equivalents 97% Federal Government & its Guarantees 57,798,581 163,944,195 Money Market Reserves - Bond Pool 1,001,533 100% 0% 162,942,662 99% 163,944,195 Canada Mortgage & Housing Corp. 1,001,533 100% 162,942,662 57,798,581 57,798,581 46,776,819 36,031,504 **Provincial Government & their Guarantees** 11,021,762 20% Money Market 2% 12% 19,954,572 Alberta 0 Alberta Capital Finance Authority Alberta Treasury Branches 0 British Columbia 0 0% 28.899.290 10% 26.822.247 9% Manitoba 28,899,290 10% 28,899,290 10% 0% New Brunswick 0 0% 28.899.290 10% 28.899.290 10% Nova Scotia 0% 28,899,290 10% 28,899,290 Ontario 0 0% 28.899.290 10% 28.899.290 10% Quebec 0 0% 28,899,290 28,899,290 10% Quebec 0 Financement Quebec 0 Hydro Quebec Saskatewan 0 0% 28.899.290 10% 28.899.290 10% **Bond Pool** 11,021,762 2% 32,788,839 20% 21,767,077 13% 16,394,420 7,449,701 7,932,578 Alberta Alberta Capital Finance Authority 1.012.141 Alberta Treasury Branches British Columbia 2.077.043 0% 16.394.420 10% 14.317.376 9% 16,394,420 16,394,420 Manitoba New Brunswick 0 0% 16,394,420 10% 16,394,420 10% Nova Scotia 0 0% 16,394,420 10% 16,394,420 10% Ontario Quebec ი 0% 16.394.420 10% 16.394.420 10% 0% 16,394,420 10% 16,394,420 Quebec 10% 0 Financement Quebec 0 0% 16.394.420 10% 16.394.420 10% Hydro Quebec 16,394,420 10% 16,394,420 Saskatewan 16,394,420 0% 10% 16,394,420 10% 20,765,544 Total Fixed 12,023,295 32,788,839 20% Equities Total Equities 6.410 456.311.191 Total Investments Interest Bearing Bank Accounts - O/S Cheque Coverage 41.294.920 497,606,111 Total Investments and O/S Cheques Coverage

Operating Funds Sector Weights @ Dec 31, 2016

	Category Status	Cumulative Amount Invested @ Book Value	%	Guideline Limit	%	Limit Available	%
CASH & EQUIVALENTS							
Federal Government & its Guarantees	Open	0	0%	268,892,018	100%	268,892,018	100%
Federal Government Business Development Bank	Open Open	0	0% 0%				
Canada Mortgage & Housing Corp.	Open	0	0%				
Canadian Wheat Board Export Development Canada	Open Open	0	0%				
Farm Credit Corp	Open	0	0%				
Provincial Governments & their Guarantees Total Alberta (R-1 High) Alberta (R-1 High)	R-1 Mid or Greater Open Open	131,148,600 28,403,473 28,403,473 0	49% 11% 0%	268,892,018 67,223,005	100% 25%	137,743,418 38,819,531	51% 14%
Alberta Capital Finance Authority (R-1 High) Alberta Treasury Branches (R-1 High)	Open Open	0	0%				
British Columbia (R-1 High)	Open	0 23,607,960	0% 9%	67,223,005	25% 25%	67,223,005 43,615,045	25% 16%
Manitoba (R-1 Mid) New Brunswick (R-1 Mid)	Open Open	7,253,378	3%	67,223,005 67,223,005	25%	59,969,626	22%
Nova Scotia (R-1 Mid) Ontario (R-1 Mid)	Open Open	0 37,433,975	0% 14%	67,223,005 67,223,005	25% 25%	67,223,005 29,789,030	25% 11%
Quebec (R-1 Mid)	Open	27,199,806	10%	67,223,005	25%	40,023,198	15%
Quebec Financement Quebec		27,199,806 0					
Hydro Quebec		0					
Saskatchewan (R-1 High)	Open	7,250,007	3%	67,223,005	25%	59,972,997	22%
Municipal Governments & their Guarantees* Calgary (R-1 High)	R-1 Mid or Greater Open	0		67,223,005 26,889,202	25% 10%	67,223,005 26,889,202	25% 10%
Financial Institutions & their Guarantees /Corpora		137,743,418	51%	134,446,009	50%	-3,297,409	-1%
	BA's Schedule A Canadian Banks R-1						
Tier 1 - Financial Institutions & their Guarantees	Mid	123,937,204	46%	134,446,009	50%	10,508,805	4%
Bank of Montreal (R-1 High) BMO - Instruments	Open	27,577,057 0	10%	26,889,202	10%	-687,855	0%
BMO - Account	Onon	27,577,057	4%	26 880 202	100/	14 707 222	69/
Bank of Nova Scotia (R-1 High) Bank of Nova Scotia Effective Cash	Open	12,091,968 6,039,679	4%	26,889,202	10%	14,797,233	6%
Bank of Nova Scotia - Notice Account	0	6,052,290	4.00/	20,000,202	4.00/	700 700	00/
Canadian Imperial Bank of Commerce (R-1 High) CIBC - Instuments CIBC - Account	Open	27,612,988 0 27,612,988	10%	26,889,202	10%	-723,786	0%
Royal Bank (R-1 High) RBC - Instuments	Open	27,604,202	10%	26,889,202	10%	-715,000	0%
RBC - Account		27,604,202					
Toronto Dominion (R-1 High) TD - Instuments	Open	29,050,990 0	11%	26,889,202	10%	-2,161,788	-1%
TD - Account		29,050,990					
Tier 2 - Financial Institutions & Corporations	R-1 Mid/High***	13,806,214	5%	67,223,005	25%	53,416,790	20%
National Bank of Canada (R-1 Mid) OMERS Realty Corporation (R-1 High)	Open Open	13,806,214 0	5% 0%	13,444,601 13,444,601	5% 5%	-361,613 13,444,601	0% 5%
CDP Financial Inc (R-1 High)	Open	0	0%	13,444,601	5%	13,444,601	5%
Desjardins Total Desjardins Group (R-1 High)	Open	0	0%	13,444,601	5%	13,444,601	5%
Caisse Centale Desjardins (R-1 High)	Open	0					
Total Investments		268,892,018	100%				
Federal Government & its Guarantees							
Money Market Reserves - Bond Pool		0	0% 0%	53,778,404 53,778,404	20% 100%	53,778,404 53,778,404	20% 20%
Canada Mortgage & Housing Corp.		0	0,0	33,173,131	.0070	33,113,131	2070
Provincial Government & their Guarantees		0	0%	53,778,404	20%	53,778,404	20%
Money Market Alberta		0	0% 0%	53,778,404 26,889,202	20% 10%	53,778,404 26,889,202	20% 10%
Alberta		0	0 78	20,009,202	1076	20,009,202	10 /6
Alberta Capital Finance Authority Alberta Treasury Branches		0					
British Columbia		0	0%	26,889,202	10%	26,889,202	10%
Manitoba New Bruswick		0	0% 0%	26,889,202 26,889,202	10% 10%	26,889,202 26,889,202	10% 10%
Nova Scotia		0	0%	26,889,202	10%	26,889,202	10%
Ontario Quebec		0	0% 0%	26,889,202 26,889,202	10% 10%	26,889,202 26,889,202	10% 10%
Quebec		0					
Financement Quebec Hydro Quebec		0					
Saskatewan		0	0%	26,889,202	10%	26,889,202	10%
Bond Pool		0	0%	53,778,404	20%	53,778,404	20%
Alberta Alberta		0	0%	26,889,202	10%	26,889,202	10%
Alberta Capital Finance Authority		0					
Alberta Treasury Branches British Columbia		0	0%	26,889,202	10%	26,889,202	10%
Manitoba		0	0%	26,889,202	10%	26,889,202	10%
New Bruswick Nova Scotia		0	0% 0%	26,889,202 26,889,202	10% 10%	26,889,202 26,889,202	10% 10%
Ontario		0	0%	26,889,202	10%	26,889,202	10%
Quebec Quebec		0	0%	26,889,202	10%	26,889,202	10%
Financement Quebec		0					
Hydro Quebec Saskatewan		0	0%	26,889,202	10%	26,889,202	10%
Total Fixed		0	0%	53,778,404	20%	53,778,404	20%
Total Investments		268,892,018					
Interest Bearing Bank Accounts - O/S Cheque Cover	age	41,294,920	*				

310,186,938

Total Investments and O/S Cheques Coverage

Capital Funds Sector Weights @ Dec 31, 2016

		Cumulative Amount Invested					
	Category Status	@ Book Value	%	Guideline Limit	%	Limit Available	%
CASH & EQUIVALENTS							
Federal Government & its Guarantees	Open	0	0%	0	100%	0	0%
Federal Government	Open	0	0% 0%				
Business Development Bank Canada Mortgage & Housing Corp.	Open Open	0	0% 0%				
Canadian Wheat Board Export Development Canada	Open Open	0	0%				
Farm Credit Corp	Open	0	0%				
Provincial Governments & their Guarantees	R-1 Mid or Greater	0	0%	0	100%	0	0%
Total Alberta (R-1 High) Alberta (R-1 High)	Open Open	0	0%	0	25%	0	0%
Alberta Capital Finance Authority (R-1 High)	Open	0					
Alberta Treasury Branches (R-1 High) British Columbia (R-1 High)	Open Open	0 0	0%	0	25%	0	0%
Manitoba (R-1 Mid)	Open Open	0 0	0% 0%	0	25% 25%	0	0% 0%
New Brunswick (R-1 Mid) Nova Scotia (R-1 Mid)	Open		0%	0	25%	0	0%
Ontario (R-1 Mid) Quebec (R-1 Mid)	Open Open	0	0% 0%	0	25% 25%	0	0% 0%
Quebec							
Financement Quebec Hydro Quebec							
Saskatchewan (R-1 High)	Open		0%	0	25%	0	0%
Municipal Governments & their Guarantees*	R-1 Mid or Greater	0		0	25%	0	0%
Calgary (R-1 High)	Open			0	10%	0	0%
Financial Institutions & their Guarantees /Corpora	ations BA's Schedule A	0	0%	0	50%	0	0%
The 4. Florestell healthstone 0.4helis Occupation	Canadian Banks R-1	•	00/	•	50 0/	•	00/
Tier 1 - Financial Institutions & their Guarantees Bank of Montreal (R-1 High)	Mid Open	0 0	0% 0%	0 0	50% 10%	0 0	0% 0%
BMO - Instruments BMO - Account		0 0					
Bank of Nova Scotia (R-1 High)	Open	0	0%	0	10%	0	0%
Bank of Nova Scotia Effective Cash Bank of Nova Scotia - Notice Account		0 0					
Canadian Imperial Bank of Commerce (R-1 High) CIBC - Instuments	Open	0	0%	0	10%	0	0%
CIBC - Account		0					
Royal Bank (R-1 High) RBC - Instuments	Open	0	0%	0	10%	0	0%
RBC - Account Toronto Dominion (R-1 High)	Open	0 0	0%	0	10%	0	0%
TD - Instuments	Ореп	0	0%	U	10%	U	0%
TD - Account		0					
Tier 2 - Financial Institutions & Corporations	R-1 Mid/High***	0	0%	0	25%	0	
National Bank of Canada (R-1 Mid) OMERS Realty Corporation (R-1 High)	Open Open	0 0	0% 0%	0	5% 5%	0	0% 0%
CDP Financial Inc (R-1 High) Desjardins Total	Open	0	0% 0%	0	5% 5%	0	0% 0%
Desjardins Group (R-1 High)	Open	0	070	Ů	370	· ·	070
Caisse Centale Desjardins (R-1 High)	Open	0					
Total Investments		0	0%				
Federal Government & its Guarantees							
Money Market Reserves - Bond Pool		0 0	0 0%	0	20% 100%	0	20% 0%
Canada Mortgage & Housing Corp.		0		_	100%	•	-,-
Provincial Government & their Guarantees		0	0%	0	20%	0	0%
Money Market Alberta		0	0% 0%	0 0	20% 10%	0 0	0% 0%
Alberta			0,0	· ·	.070	· ·	• 70
Alberta Capital Finance Authority Alberta Treasury Branches		0					
British Columbia Manitoba		0	0% 0%	0	10% 10%	0	0% 0%
New Bruswick		0	0%	0	10%	0	0%
Nova Scotia Ontario		0	0%	0	10%	0	0%
Quebec Quebec		0	0%	0	10%	0	0%
Financement Quebec		0					
Hydro Quebec Saskatewan		0	0%	0	10%	0	0%
Bond Pool		0	0%	0	20%	0	0%
Alberta		0	0%	0	10%	0	0%
Alberta Alberta Capital Finance Authority		0 0					
Alberta Treasury Branches British Columbia		0	0%	0	10%	0	0%
Manitoba		0	0%	0	10%	0	0%
New Bruswick Nova Scotia		0	0%	0	10%	0	0%
Ontario Quebec		0	0% 0%	0	10% 10%	0	0% 0%
Quebec		0	U70	U	10%	U	U 70
Financement Quebec Hydro Quebec		0					
Saskatewan		<u>0</u>	0%	0	10%	0	0% 0%
Total Fixed		-	0%	0	20%	0	0%
Total Investments		0					
Interest Bearing Bank Accounts - O/S Cheque Cover	rage	0	*				
Total Investments and O/S Cheques Coverage							

Reserve Funds Sector Weights @ Dec 31, 2016

	Sector Weights @ Dec 31, 20	110					
		Cumulative					
	Category Status	Amount Invested @ Book Value	%	Guideline Limit	%	Limit Available	%
	Category Status	@ Book value	/0	Guideline Limit	/0	Lilliit Available	/0
CASH & EQUIVALENTS							
Federal Government & its Guarantees	Open	0	0%	183,861,775	100%	182,860,242	99%
Federal Government	Open	0	0%	103,001,773	100 /0	102,000,242	3370
Business Development Bank	Open	0	0%				
Canada Mortgage & Housing Corp.	Open	0	0%				
Canadian Wheat Board Export Development Canada	Open Open	0	0%				
Farm Credit Corp	Open	0	0%				
Provincial Governments & their Guarantees	R-1 Mid or Greater	83,811,993	46%	183,861,775		100,049,782	54%
Total Alberta (R-1 High) Alberta (R-1 High)	Open Open	18,151,560 18,151,560	10%	45,965,444	25%	18,869,165	10%
Alberta Capital Finance Authority (R-1 High)	Open	0					
Alberta Treasury Branches (R-1 High)	Open	0					
British Columbia (R-1 High)	Open	0	0%	45,965,444	25%	43,888,401	24%
Manitoba (R-1 Mid) New Brunswick (R-1 Mid)	Open Open	15,086,933 4,635,353	8% 3%	45,965,444 45,965,444	25% 25%	30,878,511 41,330,090	17% 22%
Nova Scotia (R-1 Mid)	Open	4,055,555	370	45,965,444	25%	45,965,444	25%
Ontario (R-1 Mid)	Open	23,922,604	13%	45,965,444	25%	22,042,840	12%
Quebec (R-1 Mid)	Open	17,382,343	9%	45,965,444	25%	28,583,101	16%
Quebec Financement Quebec		17,382,343 0					
Hydro Quebec		0					
Saskatchewan (R-1 High)	Open	4,633,199	3%	45,965,444	25%	41,332,245	22%
Municipal Governments & their Guarantees* Calgary (R-1 High)	R-1 Mid or Greater	0		45,965,444	25% 10%	45,965,444	25% 10%
Calgary (K-1 High)	Open			18,386,178	10%	18,386,178	10%
Financial Institutions & their Guarantees /Corpo	rations	88,026,487	48%	91,930,888	50%	3,904,401	2%
Tion 4 Financial Institutions 8 their Courantees	BA's Schedule A	70 202 470	420/	04 020 000	E00/	40 707 440	70/
Tier 1 - Financial Institutions & their Guarantees Bank of Montreal (R-1 High)	Canadian Banks R-1 Mid Open	79,203,470 17,623,429	43% 10%	91,930,888 18,386,178	50% 10%	12,727,418 762,748	7% 0%
BMO - Instruments	Орсп	0	1070	10,000,170	1070	102,140	070
BMO - Account		17,623,429					
Bank of Nova Scotia (R-1 High)	Open	7,727,509	4%	18,386,178	10%	10,658,669	6%
Bank of Nova Scotia Effective Cash Bank of Nova Scotia - Notice Account		3,859,725 3,867,784					
Canadian Imperial Bank of Commerce (R-1 High)	Open	17,646,391	10%	18,386,178	10%	739,786	0%
CIBC - Instuments	,	0				,	
CIBC - Account		17,646,391	100/	40.000.470		=	201
Royal Bank (R-1 High) RBC - Instuments	Open	17,640,777 0	10%	18,386,178	10%	745,401	0%
RBC - Account		17,640,777					
Toronto Dominion (R-1 High)	Open	18,565,363	10%	18,386,178	10%	-179,185	0%
TD - Instuments		0					
TD - Account		18,565,363					
Tier 2 - Financial Institutions & Corporations	R-1 Mid/High***	8,823,017	5%	45,965,444	25%	37,142,427	20%
National Bank of Canada (R-1 Mid)	Open	8,823,017	5%	9,193,089	5%	370,072	0%
OMERS Realty Corporation (R-1 High)	Open	0	0%	9,193,089	5%	9,193,089	5%
CDP Financial Inc (R-1 High)	Open	0	0%	9,193,089	5%	9,193,089	5%
Desjardins Total Desjardins Group (R-1 High)	Open	0	0%	9,193,089	5%	9,193,089	5%
Caisse Centale Desjardins (R-1 High)	Open	0					
	:						
Total Cash and Equivalents		171,838,480	93%				
Federal Government & its Guarantees							
Money Market		0	0%	0	20%	0	0%
Reserves - Bond Pool		1,001,533	1%	183,861,775	100%	182,860,242	99%
Canada Mortgage & Housing Corp.		1,001,533					
Provincial Government & their Guarantees		11,021,762	6%	91,930,888	50%	80,909,126	44%
Money Market		0	6%	91,930,888	50%	80,909,126	44%
Alberta		0	5%	18,386,178	10%	9,441,459	5%
Alberta		0					
Alberta Capital Finance Authority Alberta Treasury Branches		0					
British Columbia		0	1%	18,386,178	10%	16,309,134	9%
Manitoba		0	0%	18,386,178	10%	18,386,178	10%
New Bruswick		0	0%	18,386,178	10%	18,386,178	10%
Nova Scotia Ontario		0	0% 0%	18,386,178	10% 10%	18,386,178	10% 10%
Quebec		0	0%	18,386,178 18,386,178	10%	18,386,178 18,386,178	10%
Quebec		0	- 7.5	, ,		, ,	
Financement Quebec		0					
Hydro Quebec		0	00/	40 206 470	100/	40 206 470	400/
Saskatewan		0	0%	18,386,178	10%	18,386,178	10%
Bond Pool		11,021,762	6%	91,930,888	50%	80,909,126	44%
Alberta		8,944,719	5%	18,386,178	10%	9,441,459	5%
Alberta		7,932,578 1,012,141					
Alberta Capital Finance Authority Alberta Treasury Branches		1,012,141 0					
British Columbia		2,077,043	1%	18,386,178	10%	16,309,134	9%
Manitoba		0	0%	18,386,178	10%	18,386,178	10%
New Bruswick Nova Scotia		0	0% 0%	18,386,178	10% 10%	18,386,178 18,386,178	10% 10%
Nova Scotia Ontario		0	0% 0%	18,386,178 18,386,178	10% 10%	18,386,178 18,386,178	10% 10%
Quebec		0	0%	18,386,178	10%	18,386,178	10%
Quebec		0					
Financement Quebec Hydro Quebec		0					
Saskatewan		0	0%	18,386,178	10%	18,386,178	10%
Total Fixed	•	12,023,295	7%	183,861,775		171,838,480	93%
Total Investments		400 004 ===					
Total Investments		183,861,775					

Trust Funds Sector Weights @ Dec 31, 2016

		0 1					
		Cumulative Amount Invested					
	Category Status	@ Book Value	%	Guideline Limit	%	Limit Available	%
CASH & EQUIVALENTS							
Federal Government & its Guarantees	Open	0	0%	3,557,398	100%	3,557,398	100%
Federal Government	Open	0	0%	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Business Development Bank Canada Mortgage & Housing Corp.	Open Open	0	0% 0%				
Canadian Wheat Board	Open	0	0%				
Export Development Canada	Open						
Farm Credit Corp	Open	0	0% 0				
Provincial Governments & their Guarantees	R-1 Mid or Greater	1,731,948	49%	3,557,398	100%	1,825,450	51%
Total Alberta (R-1 High)	Open	375,096	11%	889,350	25%	514,253	14%
Alberta (R-1 High) Alberta Capital Finance Authority (R-1 High)	Open Open	375,096 0					
Alberta Treasury Branches (R-1 High)	Open	0	0%				
British Columbia (R-1 High) Manitoba (R-1 Mid)	Open Open	0 311,767	0% 9%	889,350 889,350	25% 25%	889,350 577,583	25% 16%
New Brunswick (R-1 Mid)	Open	95,788	3%	889,350	25%	793,561	22%
Nova Scotia (R-1 Mid)	Open	0	0%	889,350	25%	889,350	25%
Ontario (R-1 Mid) Quebec (R-1 Mid)	Open Open	494,353 359,201	14% 10%	889,350 889,350	25% 25%	394,996 530,149	11% 15%
Quebec	оро	000,201	.0,0	000,000	2070	555,115	.070
Financement Quebec							
Hydro Quebec Saskatchewan (R-1 High)	Open	95,744	3%	889,350	25%	793,606	22%
, ,	•	,		,		ŕ	
Municipal Governments & their Guarantees* Calgary (R-1 High)	R-1 Mid or Greater Open	0		889,350 355,740	25% 10%	889,350 355,740	25% 10%
	•					ŕ	
Financial Institutions & their Guarantees /Corpora	tions BA's Schedule A	1,819,040	51%	1,778,699	50%	-40,341	-1%
	Canadian Banks R-1						
Tier 1 - Financial Institutions & their Guarantees	Mid	1,636,715	46%	1,778,699	50%	141,984	4%
Bank of Montreal (R-1 High) BMO - Instruments	Open	364,183 0	10%	355,740	10%	-8,443	0%
BMO - Account		364,183					
Bank of Nova Scotia (R-1 High) Bank of Nova Scotia Effective Cash	Open	159,687 79,760	4%	355,740	10%	196,053	6%
Bank of Nova Scotia - Notice Account		79,700					
Canadian Imperial Bank of Commerce (R-1 High)	Open	364,657	10%	355,740	10%	-8,917	0%
CIBC - Instuments CIBC - Account		0 364,657					
Royal Bank (R-1 High)	Open	364,541	10%	355,740	10%	-8,801	0%
RBC - Instuments		0					
RBC - Account Toronto Dominion (R-1 High)	Open	364,541 383,647	11%	355,740	10%	-27,908	-1%
TD - Instuments	-1-	0		, , ,		,	
TD - Account		383,647					
Tier 2 - Financial Institutions & Corporations	R-1 Mid/High***	182,325	5%	889,350	25%	707,025	20%
National Bank of Canada (R-1 Mid)	Open	182,325	5% 0%	177,870	5%	-4,455	0%
OMERS Realty Corporation (R-1 High) CDP Financial Inc (R-1 High)	Open Open	0	0%	177,870 177,870	5% 5%	177,870 177,870	5% 5%
Desjardins Total	•	0	0%	177,870	5%	177,870	5%
Desjardins Group (R-1 High) Caisse Centale Desjardins (R-1 High)	Open Open	0					
	Орон						
Total Cash and Equivalents		3,550,988	100%				
Federal Government & its Guarantees		•	201		000/		00/
Money Market Reserves - Bond Pool		0	0% 0%	0 3,557,398	20%	0 3,557,398	0% 100%
Canada Mortgage & Housing Corp.		0	070	0,007,000	10070	0,007,000	10070
Branda dal Carramana de Carrama		•	00/	0.557.000	4000/	0.557.000	4000/
Provincial Government & their Guarantees Money Market		0 0	0% 100%	3,557,398 3,557,398		3,557,398 3,557,398	100% 100%
Alberta		0	0%	355,740	10%	355,740	10%
Alberta Alberta Capital Finance Authority		0					
Alberta Treasury Branches		Ŭ					
British Columbia		0	0%	355,740 355,740	10%	355,740	10%
Manitoba New Bruswick		0	0% 0%	355,740 355,740	10% 10%	355,740 355,740	10% 10%
Nova Scotia		0	0%	355,740	10%	355,740	10%
Ontario Quebec		0	0% 0%	355,740 355,740	10% 10%	355,740 355,740	10% 10%
Quebec		0	0 70	333,740	10 /6	333,740	1076
Financement Quebec		0					
Hydro Quebec Saskatewan		0	0%	355,740	10%	355,740	10%
Bond Pool Alberta		0 0	0% 0%	3,557,398 355,740	100% 10%	3,557,398 355,740	100% 10%
Alberta		0	0 /6	333,740	10 /0	333,740	10 /0
Alberta Capital Finance Authority		0					
Alberta Treasury Branches British Columbia		0	0%	355,740	10%	355,740	10%
Manitoba		0	0%	355,740	10%	355,740	10%
New Bruswick		0	0%	355,740	10%	355,740	10%
Nova Scotia Ontario		0	0% 0%	355,740 355,740	10% 10%	355,740 355,740	10% 10%
Quebec		0	0%	355,740	10%	355,740	10%
Quebec Financement Quebec		0					
Hydro Quebec		J					
Saskatewan		0	0%	355,740	10%	355,740	10%
Total Fixed		0					
Equities Bank of Montreal		0.440					
Total Equities		6,410 6,410					
Total Investments		3,557,398					