

FUND FINANCIAL STATEMENTS

The City of Saint John Shared Risk Plan
December 31, 2017

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Independent Auditor's Report

To the Board of Trustees of
The City of Saint John Shared Risk Pension Plan

We have audited the accompanying fund financial statements of the Fund of The City of Saint John Shared Risk Pension Plan, which comprise the statement of net assets available for benefits as at December 31, 2017, and the statement of changes in net assets available for benefits for the year then ended, and a summary of significant accounting policies and other explanatory information. The fund financial statements have been prepared by management based on the financial reporting provisions of Section 9(9) of the New Brunswick Regulation 91-195 under the Pension Benefits Act (O.C.91-1060).

Management's Responsibility for the Fund Financial Statements

Management is responsible for the preparation and fair presentation of these fund financial statements in accordance with the financial reporting provisions of Section 9(9) of the New Brunswick Regulation 91-195 under the Pension Benefits Act (O.C.91-1060), and for such internal control as management determines is necessary to enable the preparation of fund financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these fund financial statements based on our audit. We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the fund financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the fund financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the fund financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the fund financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the fund financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the fund financial statements present fairly, in all material respects, the net assets available for benefits of the fund of The City of Saint John Shared Risk Pension Plan as at December 31, 2017 and the changes in net assets available for benefits for the year then ended in accordance with the financial reporting provisions of Section 9(9) of the New Brunswick Regulation 91-195 under the Pension Benefits Act (O.C.91-1060).

Basis of Accounting

Without modifying our opinion, we draw attention to Note 2 to the fund financial statements, which describes the basis of accounting. The fund financial statements are prepared to assist the Board of Trustees of The City of Saint John Shared Risk Pension Plan to meet the requirements of the Financial and Consumer Services Commission Office of the Superintendent of Pensions. As a result, the fund financial statements may not be suitable for another purpose.

A handwritten signature in black ink that reads "DELOITTE LLP". The signature is written in a cursive, slightly slanted style.

Chartered Professional Accountants
May 30, 2018

**STATEMENT OF NET ASSETS
AVAILABLE FOR BENEFITS**

As at December 31

	2017	2016
	\$	\$
Financial Assets		
Investments, at fair value		
Bonds	47,485,019	44,768,088
Fixed income pooled funds	202,857,074	195,091,182
Stocks	102,340,757	92,058,936
Equity pooled funds	173,419,911	156,142,030
Real estate funds	57,622,092	55,025,487
	583,724,853	543,085,723
Cash, notes and short-term deposits [Note 3]	18,480,562	3,146,718
HST receivable	36,740	30,487
Settled forward contract receivable	0	1,252,411
Due from the City of Saint John	288,990	236,429
Special funding due from the City of Saint John [Note 4]	1,141,871	1,261,733
Accrued interest and dividends	501,228	527,437
	604,174,244	549,540,938
Financial Liabilities		
Accounts payable	269,420	249,934
Net assets available for benefits	603,904,824	549,291,004

See accompanying notes

On behalf of the Trustees:

 Trustee

 Trustee

**STATEMENT OF CHANGES IN NET ASSETS
AVAILABLE FOR BENEFITS**

Year ended December 31

	2017	2016
	\$	\$
Increase in assets		
Contributions [Note 6]		
The City of Saint John	18,853,033	18,570,307
Employees	6,512,602	6,379,490
	25,365,635	24,949,797
Investment income		
Fixed income	7,645,492	13,057,968
Equity income	8,944,488	5,698,570
Other income	285,717	25,926
Foreign exchange loss	(17,797)	(123,515)
	16,857,900	18,658,949
Realized change in fair value of investments	7,533,717	7,203,531
Unrealized gain in fair value of investments	35,108,076	20,922,387
Realized gain on hedging	2,772,311	2,433,699
Unrealized gain (loss) on hedging	297,818	(1,643,390)
	45,711,922	28,916,227
	87,935,457	72,524,973
Decrease in assets		
Pension payments	29,146,215	27,937,062
Contributions and interest refunded to participants	1,697,884	651,990
Administrative expenses [Schedule]	2,477,538	2,284,662
	33,321,637	30,873,714
Net increase in net assets available for benefits	54,613,820	41,651,259
Net assets available for benefits, beginning of year	549,291,004	507,639,745
Net assets available for benefits, end of year	603,904,824	549,291,004

See accompanying notes

**The City of Saint John Shared Risk Plan
Notes to Fund Financial Statements
December 31, 2017**

1. PLAN SUMMARY

The City of Saint John Pension Plan (Former CSJ Plan) was converted to The City of Saint John Shared Risk Plan (the “Plan”) effective January 1, 2013. The purpose of the Plan is to provide secure benefits to members of the plan without an absolute guarantee but with a risk focused management approach delivering a high degree of certainty that base benefits can be met in the vast majority of potential future economic scenarios. As a shared risk plan, all future cost of living adjustments for current and future retirees and other ancillary benefits under the Plan shall be provided only to the extent that funds are available for such benefits, as determined by the board of trustees in accordance with applicable laws and the plan’s funding policy.

The assets of the Plan are held by RBC Dexia Investor Services which acts as custodian of the Plan. The assets of the Plan are managed by twelve different investment managers who have discretionary investment authority within the investment mandates given to them by the board of trustees. The performance of the Plan relative to others is measured on a regular basis by Element Consulting Group.

The following features of the Plan are a summary only. For more complete information, refer to the Plan agreement.

Significant features of the Plan are as follows:

- For service prior to January 1, 2013, the Plan provides for pensions on the defined benefit basis at the rate of 2% per year of service times the average of the three consecutive years of service having the highest salary. Upon conversion to shared risk, the targeted benefit basis for service earned after the conversion date is now 1.8% per year of service times the salary (excluding overtime pay) earned during the relevant year to a maximum salary of \$132,455.
- For service prior to January 1, 2013, the Plan provides indexing at the rate of 1% per year on the basis of service between January 1, 1975 and December 31, 1992 and at the rate of 2% after January 1, 1993. The shared risk pension plan extinguishes all accrued rights to automatic future indexing. These automatic adjustments have been replaced by contingent indexing as permitted by the funding policy.
- Under the shared risk model, initial required contributions are based on covered payroll (excluding overtime) and are 9% for employees, with the exception that the contributions are 12% for employees in International Association of Fire Fighters (“IAFF”) and the Saint John Police Association (“SJPA”). The IAFF and SJPA rates are subject to approval from the Canada Revenue Agency under the *Income Tax Act*. Members in public safety occupations who accept a non-union position will have a one-time opportunity to elect to continue to contribute at the higher rate. The employer will make initial matching contributions of 11.4% and 15.2%, respectively, representing an average contribution rate of 13% of covered payroll. The initial contribution rates for both employee and employer may be subject to change as a result of the triggering mechanism and limitations imposed by the shared risk funding policy.
- Under shared risk, the vesting date is defined as the earlier of five years of continuous employment with the employer or two years of membership in the Plan.
- The date of a pensioners normal retirement is their 65th birthday.

**The City of Saint John Shared Risk Plan
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1. PLAN SUMMARY (Continued)

- Upon the death of a member who has not attained the vesting date, the member's own contributions to the Plan with accumulated interest shall be paid to the member's surviving spouse or beneficiary, Upon the death of a member who has attained the vesting date, a death benefit is payable to a surviving spouse, dependent, beneficiary, or the member's estate, as applicable as outlined in detail by the Plan agreement.
- In the event of a member's termination of employment, other than through death, prior the member's vesting date, the member shall be entitled to a refund of the total amount of the member's own contributions to the Plan with accumulated interest. A pensioner with vested funds may request the board to have their funds transferred to another pension fund, a retirement saving plan, or an annuity purchased for them.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of presentation

These fund financial statements have been prepared in accordance with the significant accounting policies set out below to comply with the accounting requirements prescribed in Section 9(9) of the New Brunswick Regulation 91-195 under the Pension Benefits Act (O.C. 91-1060).

Section 4600, Pension Plans, of the Chartered Professional Accountants of Canada ("CPA Canada") Handbook – Accounting is the underlying accounting standards to the framework prescribed by Section 9(9) the New Brunswick Regulation 91-195 under the Pension Benefits Act (O.C. 91-1060). Canadian accounting standards for private enterprises as set out in the CPA Handbook – Accounting have been chosen for accounting policies that do not relate to the Plan's investment portfolio, to the extent that those standards do not conflict with the requirements of Section 4600.

The fund financial statements are prepared in accordance with the Canadian accounting standards for pension plans in Part IV of the CPA Canada Handbook – Accounting, except for items relating to pension obligations alone:

- the statement of financial position excludes pension obligations and any related surplus or deficit. Accordingly, this statement must be entitled "Statement of changes in net assets available for benefits";
- the statement of changes in pension obligations is not presented;
- disclosures about pension obligations are not presented.

Valuation of investment assets and liabilities

Investment assets and liabilities are stated at their fair values in the statement of net assets available for benefits. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. If the financial instrument has a quoted price in an active market, the quoted price is the fair value of the financial instrument. If the financial instrument does not have a quoted price in an active market or if the market for a financial instrument is not active, fair value is established by using a

**The City of Saint John Shared Risk Plan
Notes to Fund Financial Statements
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2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

valuation technique. Valuation techniques include using recent arm's length market transactions between knowledgeable, willing parties, if available, reference to the current fair value of another instrument that is substantially the same, discounted cash flow analysis and option pricing models. If there is a valuation technique commonly used by market participants to price the instrument and that technique has been demonstrated to provide reliable estimates of prices obtained in actual market transactions, that technique is used. A valuation technique incorporates all factors that market participants would consider in setting a price. Fair value is estimated on the basis of the results of a valuation technique that makes maximum use of market inputs, and relies as little as possible on entity-specific inputs.

Pooled fund and earnings

Certain of the Plan's investments are held via units of pooled funds. Income earned on these funds is retained within the fund and reflected as part of the current-period change in market values of investments.

Foreign currency translation

Investments denominated in United States ["US"] dollars are translated at the year-end rate of exchange. Foreign exchange gains and losses are included as a component of the current-period change in fair value of investments.

Hedging

The Plan utilizes currency hedges to offset market fluctuations in its investments denominated in US dollars. At year-end, the hedges are fair valued as an increase or decrease in the change in the fair value of investments.

Transaction costs

All transaction costs in respect of purchases and sales of investments are recorded as part of investment management expenses in the statement of changes in net assets available for benefits.

Contributions

Contributions due to the Plan are recorded on an accrual basis. Transfers to the Plan and purchases of prior service are recorded when cash is received.

Use of estimates and accounting judgments

Preparation of the fund financial statements requires management to make estimates and assumptions, based on the information available as at the date of the fund financial statements, which affect the reported values of assets and liabilities, and related income and expenses. Such estimates and assumptions affect primarily the fair value of investments. Actual results could differ from those presented.

**The City of Saint John Shared Risk Plan
Notes to Fund Financial Statements
December 31, 2017**

3. CASH AND SHORT-TERM DEPOSITS

	2017	2016
	\$	\$
Cash	10,699,153	446,941
Notes (2017 – 0.48% - 0.52%; 2016 – 0.48%-0.65%)	1,007,738	867,978
Short-Term Investment Fund (2017 - 0.52%; 2016 - 0.49%)	6,773,671	1,831,799
	18,480,562	3,146,718

4. SPECIAL FUNDING DUE FROM THE CITY OF SAINT JOHN

Commencing April 1, 2013, the City of Saint John is required to make temporary contributions to the Shared Risk Pension Plan of 17% of earnings of all employees who are members of the Plan that will cease on March 31, 2028 or when the Plan achieves an open group funded ratio, as defined by the Pension Benefits Act, of 150%, if earlier, provided that such temporary contributions shall not cease before March 31, 2023, subject to the income tax act. If the Income Tax Act requires the cessation of the temporary contributions prior to March 31, 2023, once such contributions are again permissible under the Income Tax Act, they will re-commence until an equivalent of 10 years of such temporary contributions have been made in total.

The accrual at the end of the year relating to the special funding is 1,141,871 (2016 - \$1,261,733).

5. FINANCIAL INSTRUMENTS

The Plan's financial instruments consist of cash and short-term notes, accounts receivable, temporary and long-term investments, accounts payable and amounts due from related parties.

All items except investments and due from related parties are recorded at amortized cost.

The Plan is subject to financial risks as a result of its investment activities. These risks include market risk, credit risk and liquidity risk. The Plan manages these financial risks in accordance with the *New Brunswick Pension Benefits Act*, applicable regulations, and the Plan's investment policies and procedures.

The investments of the Plan are managed utilizing a balanced approach, where the Plan invests in bonds, stocks, pooled funds and real estate funds.

Market risk

Market risk is the risk that the fair value or future cash flows of an investment will fluctuate because of changes in market processes. In accordance with the Plan's policy, the Plan manages market risk by investing in diversified investments and by utilizing fund performance managers.

Market risk consists of the following:

The City of Saint John Shared Risk Plan
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5. FINANCIAL INSTRUMENTS (Continued)

(a) Foreign currency risk

Foreign currency risk arises from investments that are denominated in foreign currencies. Fluctuations in the relative value of foreign currencies against the Canadian dollar can result in a positive or negative effect on the fair value of investments. As at December 31, 2017, the Plan has equity investments denominated in foreign currencies through investments of pooled funds and direct equities.

The Plan utilizes currency hedges to minimize this risk to an approved percentage of these investments. As at December 31, 2017, the Plan has currency forward contracts to purchase \$81,560,000 (2016 - \$73,780,000) in US dollars at an average rate of 1.2573 (2016 - 1.3290).

The Plan's underlying currency exposure in Canadian dollars consists of the following:

	Fair value \$	Impact of 1% absolute change in foreign exchange rates on net assets \$
Foreign equities and pooled funds	170,672,653 (2016 - 151,088,757)	1,706,726 (2016 - 1,510,887)

29.2% (2016 - 27.8%) of the Plan's investment funds are invested in foreign securities.

(b) Interest rate risk

Interest rate risk refers to the effect on the fair value or future cash flows of an investment due to fluctuations in interest rates. The Plan's interest rate exposure arises from its investment in bonds and in fixed income pooled funds, where those funds have underlying investments in fixed income securities, which are all denominated in Canadian dollars.

(c) Price risk

Price risk is the risk that the fair value of an investment will fluctuate because of changes in market prices other than those arising from foreign currency or interest rate risk, whether those changes are caused by factors specific to the individual investment or factors affecting all securities traded in the market. This applies to all of the Plan's investments.

The following table demonstrates the sensitivity of the Plan's net assets to a 1% absolute change in the fair value of investments which are exposed to price risk:

	\$	Impact of 1% absolute change in fair value on net assets \$
Total investments, at market	583,724,853 (2016 - 543,085,723)	5,837,248 (2016 - 5,430,857)

**The City of Saint John Shared Risk Plan
Notes to Fund Financial Statements
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5. FINANCIAL INSTRUMENTS (Continued)

(d) Credit risk

Credit risk on financial instruments is the risk of financial loss occurring as a result of default or insolvency of counterparty on its obligations to the Plan. The Plan's exposure to credit risk is limited to its investments in bonds and fixed income pooled funds where those funds have underlying investments in debt securities. 42.9% (2016 – 44.2%) of the Plan's investment funds are invested in debt securities. In 2017 \$45,382,549 (2016 – \$41,153,436) of the Plan's investments in bonds were in Canadian Federal, Provincial, and Municipal bonds with credit ratings ranging from A+ to AAA while \$2,102,470 (2016 – \$3,614,652) was invested in corporate bonds with credit ratings ranging from AA- to BBB.

(e) Liquidity risk

Liquidity risk is the risk of being unable to settle or meet commitments as they come due. These commitments include payment of the Plan's pension obligations. Liquidity risk is managed by ensuring that the Plan invests in high quality investments which can be easily disposed of in an active market.

(f) Fair value measurement risk

Financial instruments measured at fair value are classified according to a fair value hierarchy that reflects the importance of the data used to perform each evaluation. The fair value hierarchy is made up of the following levels:

Level 1 – Valuation based on quoted prices (unadjusted) in active markets for identical assets or liabilities;

Level 2 – Valuation techniques based on inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly; and

Level 3 – Valuation techniques with significant unobservable market parameters.

The fair value hierarchy requires the use of observable data on the market each time such data exists. A financial instrument is classified at the lowest level of the hierarchy for which significant input has been considered in measuring fair value.

	December 31, 2017			
	Level 1	Level 2	Level 3	Total
	\$	\$	\$	\$
Bonds	-	47,485,019	-	47,485,019
Fixed income pooled funds	-	163,827,182	39,029,892	202,857,074
Stocks	102,340,757	-	-	102,340,757
Equity pooled funds	-	126,914,723	46,505,188	173,419,911
Real estate funds	-	-	57,622,092	57,622,092
Total	102,340,757	338,226,924	143,157,172	583,724,853

**The City of Saint John Shared Risk Plan
Notes to Fund Financial Statements
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5. FINANCIAL INSTRUMENTS (Continued)

	December 31, 2016			
	Level 1 \$	Level 2 \$	Level 3 \$	Total \$
Bonds	-	44,768,088	-	44,768,088
Fixed income pooled funds	-	157,481,744	37,609,438	195,091,182
Stocks	92,058,936	-	-	92,058,936
Equity pooled funds	-	113,327,424	42,814,606	156,142,030
Real estate	-	-	55,025,487	55,025,487
Total	92,058,936	315,577,256	135,449,531	543,085,723

Level 3 Investment Reconciliation

	2017 \$	2016 \$
Beginning fair value	135,449,531	105,447,973
Acquisitions	5,174,162	33,894,596
Dispositions	(9,224,115)	(11,435,109)
Realized gain	2,220,219	4,955,606
Unrealized gain	9,537,375	2,586,465
Ending fair value	143,157,172	135,449,531

(i) Bonds

Bonds represent fixed rate debt issued by Governments and for-profit organizations. The fair value of these instruments is based on valuation techniques being the present value of the principal and interest receivable discounted at the appropriate market interest rate.

(ii) Stocks

Quoted equities represent securities issued by entities that are traded on the TSX or other stock exchanges. Fair value is based on the quoted bid prices as at December 31, 2017.

(iii) Pooled funds

Pooled funds do not have a quoted price in active market. Fair value is based on net asset values, obtained from the managers of the funds, which are determined with reference to the fair value of the underlying listed investments of each fund.

(iv) Level 3 investments – fixed income pooled funds, equity pooled funds, real estate funds

Fixed income pooled funds, equity pooled funds, and real estate funds investments do not have process quoted in the active market. Fair value is based on valuation models which compute the present value of the each investment's expected future cash flows. The inputs to these valuation models are derived from observable market data and, where relevant, assumptions are made in respect of unobservable inputs. Since the projected earnings of these entities are not supported by prices from observable current market transactions, it is reasonably possible that changes in these best estimate assumptions would change the fair value of these investments significantly.

The City of Saint John Shared Risk Plan
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6. CONTRIBUTIONS

	2017	2016
	\$	\$
The City of Saint John		
Current service	8,186,012	8,090,206
Voluntary purchase of past service	46,466	74,304
Other	69,561	-
Temporary contributions	10,550,994	10,405,797
	18,853,033	18,570,307
Employees		
Current service	6,374,179	6,348,587
Voluntary purchase of past service	47,464	30,903
Other	90,959	-
	6,512,602	6,379,490
	25,365,635	24,949,797

7. CONTINGENCY

In accordance with one of the Plan's partnership agreements, as a limited partner, the Plan has a carried interest that would be payable to the general partner on a hypothetical liquidation of the fund. As at December 31, 2017 the balance of the carried interest would be \$1,131,944.

**The City of Saint John Shared Risk Plan
Notes to Fund Financial Statements
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SCHEDULE OF ADMINISTRATIVE EXPENSES

Year ended December 31	2017	2016
	\$	\$
Investment management fees	1,293,135	1,277,830
Actuarial and consulting services	348,743	238,384
Legal fees	240,397	185,610
Administration fees paid to The City of Saint John	152,424	108,268
Other administrative expenses	141,581	180,101
Custodian fees	137,617	134,382
Performance measurement services	108,641	102,712
Insurance	55,000	57,375
	2,477,538	2,284,662