Actuarial Valuation Report on the
Toronto Fire Department Superannuation and Benefit Fund
as of
December 31, 2007

April 2008

Prepared for:
Toronto Fire Department Superannuation and Benefit Fund Committee
Attention: Ms. Imma Monardo
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Sections

Appendices

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Introduction

This report, prepared for the Toronto Fire Department Superannuation and Benefit Fund Committee, presents the results of our actuarial valuation of the Toronto Fire Department Superannuation and Benefit Fund (the "Plan") as at December 31, 2007.

The report is prepared in accordance with applicable Ontario pension legislation and the requirements for registration under the Income Tax Act of Canada, and is intended to be filed with the Canada Revenue Agency (the "CRA") and the Financial Services Commission of Ontario (the "FSCO"). The Plan is registered under the Income Tax Act and the Pension Benefits Act of Ontario (Registration No. 0351601).

Information presented is intended to serve a number of purposes, as follows:

- To estimate the ongoing financial condition of the Plan, that is, a comparison of the actuarial value of pension fund assets with the actuarial present value of future benefits and the resultant actuarial surplus.
- To estimate the availability of actuarial surplus to continue inflation protection pension increases to retired members and their beneficiaries.
- To confirm actuarial surplus for contribution holidays in 2008 and after.
- To review the solvency of the Plan with respect to benefits accrued to the date of the valuation under Plan termination conditions.
- To determine any solvency deficiency and the need for any special payments to amortize any solvency deficiency.
- To compare actual and expected experience under the Plan during the inter-valuation period and reconcile the change in the ongoing funded status of the Plan.
- To provide supplementary information to support government filings on funding, as may be required by the Canada Revenue Agency and the Financial Services Commission of Ontario.

The Plan covers a closed group of employees hired prior to July 1, 1968. As of December 31, 2007, there are no longer any active members in the Plan.

The Plan was amended effective January 1, 1992 for compliance with CRA legislation with respect to pension plans.

Commencing 1986, City Council adopted a policy of providing ad hoc increases in pension to pensioners based on an excess interest indexing methodology. The policy provided for and subject to City Council approval, each year, ad hoc increases subject to a minimum of 50% increase in the Consumer Price Index (the "CPI"), year over year, December to December, and, a maximum increase equal to the lesser of the increase from "excess interest" and 100% CPI.

Commencing 1997, the Plan by-laws were amended to provide for future increases to pensioners including spouses of deceased retired members, based on the lesser of:

(a) the investment rate of return of Fund assets (using a 5-year smoothing technique) in excess of the rate of return required to maintain the actuarial solvency of the Benefit Fund as determined by the actuary, and

(b) the increase in the year over year level of the average CPI,

to the extent that actuarial surplus is available.

Pensions in payment to pensioners and spouses that commenced prior to January 1, 2007 were increased by 2.04% effective January 1, 2007. The minimum annual pension for members remained at $13,600, effective since July 1, 1997.

For information purposes only, the estimated cost as at December 31, 2007 to provide anticipated future ad hoc pension increases based on 100% of the increase in the CPI is $65,751,000, based on the current valuation data and valuation assumptions.

A summary of the main Plan provisions is shown in Appendix "C".

The actuarial assumptions and valuation methods used in the going-concern valuation remain unchanged from the December 31, 2006 going-concern valuation and are shown in Appendix "A". Emerging experience different from the actuarial assumptions adopted for this valuation will result in gains or losses which will be revealed in future valuations.

The current going-concern valuation reveals that the total Plan assets at actuarial value are $323,324,000 as of December 31, 2007. The sum of the present value of future benefits for inactive members is $261,850,000. As a result, the actuarial surplus under the Plan, on a going-concern basis, is $61,474,000 as of December 31, 2007. The funded ratio for the Plan is 123.5% as at December 31, 2007, compared to 121.2% as at December 31, 2006. Section V of this report shows the reconciliation of the actuarial surplus of the Plan from December 31, 2006 to December 31, 2007.

The current valuation confirms that the Plan has no solvency deficiency as of December 31, 2007. Under Section 47(1) of Regulation 909 of the Pension Benefits Act, R.S.O. 1990, the pension benefits provided by this Plan are not guaranteed by the Pension Benefits Guarantee Fund and this Plan is exempt from any Guarantee Fund assessment.

The next actuarial valuation report must be filed with the FSCO no later than December 31, 2010.

The undersigned is available to address any questions which may arise with regard to this report.

Cindy Rynne

Cynthia L. Rynne
Fellow, Society of Actuaries
Fellow, Canadian Institute of Actuaries

April 30, 2008

Date

I Summary of Principal Valuation Results

For convenience of reference, the principal results of the valuation and a comparison with the results of the previous valuation are summarized below:

	Valuation Date		12/31/2007		12/31/2006
A	**Going-Concern Valuation**				
	Invested Assets (000's)				
	Market Value	$	336,525	$	362,578
	Actuarial Value	$	323,324	$	327,990
	Plan Assets (000's)				
	Actuarial Value of Invested Assets	$	323,324	$	327,990
	Present Value of				
	(1) Future Member and City Matching Contributions		0		0
	(2) Future City Special Payments		0		0
	Total Plan Assets (000's)	$	323,324	$	327,990
	Actuarial Liabilities (000's)	$	261,850	$	270,703
	Actuarial Surplus (000's)	$	61,474	$	57,287
	Excess Surplus	$	Nil	$	Nil
	Funded Ratio		123.5%		121.2%
	Current Service Contributions for the Year following the Valuation Date				
	Estimated Employee Contributions	$	0	$	0
	Estimated City Current Service Contribution	$	0	$	0
B	**Solvency Valuation**				
	Market Value of Invested Assets (000's)	$	336,525	$	362,578
	Solvency Liability (000's)	$	310,029	$	318,802
	Solvency Deficiency	$	Nil	$	Nil
	Solvency Ratio (Assets/Liabilities)		108.5%		113.7%

II Membership Data

Valuation Date	12/31/2007	12/31/2006
Number of Retired Members	643	671
Annual Pension	$ 22,544,747	$ 23,312,383
Annual Average Pension	$ 35,062	$ 34,743
Average Age	73.2	72.4
Number of Spousal Beneficiaries	337	338
Annual Pension	$ 6,641,542	$ 6,459,896
Annual Average Pension	$ 19,708	$ 19,112
Average Age	76.7	76.5

1. The employee data used in this valuation was furnished by the City of Toronto. Since the form of pension and spouse date of birth for inactive members are not readily available for valuation purposes, the following assumptions pertaining to this data have been made:

   - 80% of retired members are married. The form of pension that is payable to the member is life with 66.67% continuing to the spouse following the member's death;
   - 20% of retired members are not married. The form of pension that is payable to the member is life only;
   - female spouses are assumed to be 3 years younger than their male spouses.

2. We have performed the following tests on the reliability and completeness of the data provided, and, in our opinion, the data used in this valuation is sufficient and reliable for the purposes of this valuation:

   - current membership totals were reconciled to the membership totals at the previous valuation;
   - pension amounts were compared to pension amounts in the previous valuation to verify increases indicated by the City of Toronto;
   - average age and service were compared to average age and service at the previous valuation.

3. A reconciliation of membership from December 31, 2006 to December 31, 2007 is as follows:

	Pensioners	Spouses
At December 31, 2006	671	338
– Deaths, no Spouse Continuation	−13	−17
– Deaths, with Spouse Continuation	−16	+16
– Pension Split on Divorce	+ 1	-
At December 31, 2007	643	337

4. Tables 1 and 2 of Appendix "B" provide a distribution by age and sex of the number and annual pensions of retired members and spousal beneficiaries, respectively.

III Invested Assets

1. CIBC is the custodian of the assets of the Plan. For the purposes of this valuation, we have relied on the draft financial statements as at December 31, 2007 provided by the City of Toronto. The data was reviewed for consistency, accuracy and completeness and the following tests were completed:

   - the beginning market and book values of the assets from the asset statements were compared to the ending values from the previous valuation;
   - the contributions and benefit payments shown on the asset statements were compared to expected contributions and benefit payments based on the previous valuation; and
   - the invested funds were reviewed for any material changes.

2. A reconciliation summary of the change in the market value of the Benefit Fund for the period January 1, 2007 through December 31, 2007 is set out in Table A.

3. The reported market value as of December 31, 2007 is $336,525,030. The invested funds are distributed as follows:

	(Amounts in 000's)	%
Bonds & Debentures	$ 170,418	50.64
Equities	161,724	48.06
Cash	384	0.11
Accrued Income	1,010	0.30
Accounts Receivable less Accounts Payable	(1,307)	(0.39)
Short Term Investments	4,296	1.28
Total	$ 336,525	100.00

4. The actuarial value of assets is a 4-year moving-average market value. The actuarial value of invested assets at December 31, 2007 is $323,323,558. The development of the actuarial value is set out in Table B.

5. In 2007, the Benefit Fund earned approximately 8.01%, net of expenses, based on the actuarial value of invested assets and approximately 1.06%, net of expenses, based on the market value of invested assets. In performing the rate of return calculation, payments into and out of the Fund are distributed uniformly throughout the year.

Table A

Reconciliation of Market Value of Invested Assets
From January 1, 2007 to December 31, 2007

During the period January 1, 2007 to December 31, 2007, the market value of the invested assets decreased as follows:

Market Value at January 1, 2007		$ 362,577,845
PLUS:		
	Employee Contributions	0
	City Matching Contribution	0
	City Special Contributions	0
LESS:		
	Annuity Payments	(29,747,434)
	Fees and Expenses	(1,203,793)
Investment Income and Appreciation/(Depreciation) in Market Value of Invested Assets		4,898,412
Market Value at December 31, 2007		$ 336,525,030

Table B

Development of Actuarial Value of Invested Assets

December 31, 2007 Market Value		$ 336,525,030
LESS:		
3/4 of 2007 Gains and (Losses)	$ (4,331,714)	
1/2 of 2006 Gains and (Losses)	11,515,677	
1/4 of 2005 Gains and (Losses)	6,017,509	
		(13,201,472)
December 31, 2007 Actuarial Value		$ 323,323,558

IV Actuarial Liabilities and Going-Concern Funding Position at December 31, 2007

The going-concern funding position of the Plan as at December 31, 2007, based on the assumptions and valuation methods described in Appendix "A", is as follows:

	(Amounts in 000's)
Plan Assets	
Actuarial Value of Invested Assets	$ 323,324
Total Plan Assets	$ 323,324
Actuarial Liabilities	
Retired Members	$ 207,838
Beneficiaries	54,012
Total Actuarial Liabilities	$ 261,850
Actuarial Surplus	$ 61,474

V Reconciliation of Change in Going-Concern Funded Position

A reconciliation of the going-concern funded position over the period December 31, 2006 to December 31, 2007 is as follows:

		(Amounts in 000's)
December 31, 2006 Surplus Account		$ 57,287
Interest on Surplus Account		3,724
		$ 61,011
Plus Gains due to:		
Investment Gain on Actuarial Value of Assets	4,729	
Pensioner Mortality Gain	1,895	
		6,624
Less Losses due to:		
Cost of 2007 Pension Increases to Pensioners and Spouses	$ 5,738	
Miscellaneous	423	
		(6,161)
December 31, 2007 Surplus Account		$ 61,474

Investment returns on the actuarial value of assets were greater than the 6.5% assumed rate of return resulting in a gain.

VI Solvency Valuation and Solvency Funding Position at December 31, 2007

The Ontario Pension Benefits Act requires a special valuation to determine the solvency of the Plan under conditions of Plan termination as of the valuation date. If there are insufficient assets to meet the liabilities under the solvency test, then additional special payments from the City are required to eliminate the solvency deficiency. The solvency funding position of the Plan as at December 31, 2007, using the solvency assumptions and valuation methods described in Appendix "A", is as follows:

1. Solvency Funding Status

	(Amounts in 000's)
Solvency Liabilities	
Retired Members and their Beneficiaries	$ 310,029
Total Solvency Liabilities	$ 310,029
Market Value of Invested Assets	336,525
Solvency Deficiency	$ Nil

2. Transfer Ratio

The transfer ratio is determined by dividing the market value of invested assets by the solvency liabilities. This indicates a transfer ratio greater than 1.0.

3. Wind-Up Status

At December 31, 2007 the wind-up liabilities were $310,029,000. Assuming wind-up expenses of $100,000, net assets available on wind-up are $336,425,000. On wind-up there would be a surplus of $26,396,000.

VII Contribution Requirements under the Plan

1. There are no longer any active members in the Plan, and therefore, no further member contributions. No matching City contributions are any longer required.

2. In addition, there are no longer any special payments required by the City to amortize previously established unfunded actuarial liabilities.

3. The Ontario Regulation 909 under the Pension Benefits Act, R.S.O. 1990 requires that any future special payments made by the City be remitted to the pension fund monthly.

4. No excess surplus exists for purposes of Section 147.2(2)(d) of the Income Tax Act at the valuation date. For this Plan, excess surplus is determined as the amount of surplus in excess of 10% of the actuarial liabilities. For determining the amount of excess surplus, actuarial liabilities include the estimated value of anticipated future ad hoc pension increases at 100% CPI. It is estimated that the value of anticipated future ad hoc pension increases at 100% CPI is $65,751,000. If there is an excess surplus, no City contributions would be permitted while the Plan has an excess surplus.

VIII Subsequent Events

In accordance with the Consolidated Standards of Practice of the CIA, we have reviewed all subsequent events pertaining to this Plan, i.e. any events occurring subsequent to December 31, 2007 but prior to the date of this report. There are no subsequent events of which we are aware.

Appendix "A"
Outline of Actuarial Assumptions and Valuation Methods

Going-Concern Valuation Assumptions

Interest Rate
The net investment return assumption reflects a best-estimate expected rate of return of 6.5%, net of all administration expenses, actuarial fees, investment management expenses and custodial fees, with no provision for any adverse deviation.

The best-estimate rate of return was developed using best-estimate returns for each major asset class in which the pension fund is invested and then using a building block approach, based on the plan's asset allocation, to develop an overall best-estimate rate of return.

Spouse's Age
Female spouses are assumed to be 3 years younger than male spouses.

Marital Status
For retired members, it is assumed that 80% are married at death.

Deaths After Retirement
According to the UP94 Mortality Table projected to 2005. Female mortality rates apply to spousal beneficiaries of deceased members. Representative values are as follows:

Age	Males	Females
25	0.0637%	0.0268%
35	0.0866%	0.0455%
45	0.1470%	0.0876%
55	0.3853%	0.2257%
65	1.3384%	0.8788%
75	3.4264%	2.2330%
85	9.6784%	6.8170%
95	24.5718%	19.5868%
105	44.0585%	41.5180%

The mortality table used in this valuation was strengthened from the UP94 Table used in the December 31, 2005 actuarial valuation. Given that there has been a mortality gain in this valuation, the current table leaves room for some continued mortality improvement.

Future Expenses
Administration expenses, actuarial fees, investment management expenses and custodial fees are paid from the Benefit Fund. The interest rate assumption is net of anticipated administration expenses, actuarial fees, investment management expenses and custodial fees.

Post-Retirement Indexation
No provision has been made for future post-retirement adjustments in the liabilities. Post-retirement adjustments granted up to and including 2007 have been included in the liabilities.

Future post-retirement adjustments based on 100% CPI (Consumer Price Index) indexation were projected and valued to increase actuarial liabilities for the purpose of determining excess surplus and eligible contributions under Section 147.2(2) of the Income Tax Act. The increase in CPI is assumed to be 3.0% per annum.

Liabilities Valuation Method
Unit Credit Method. The actuarial value of benefits for retired members and spousal beneficiaries is calculated as the discounted value of their respective benefit payments. There are no active members.

If an actuarial deficiency arises, the City amortizes this deficiency by making special annual payments over certain periods, up to a maximum of 15 years for each deficiency. If an actuarial surplus arises, where allowed under the Plan by-laws, future special payments which have already been established may be reduced or eliminated by application of actuarial surplus. Alternatively, the surplus may be held as a reserve for future enhancements or contributions.

Asset Valuation Method
The actuarial value of assets is a 4-year moving-average market value. This method recognizes realized and unrealized investment gains and losses over a period of 4 years. This method provides for a margin of conservatism generally resulting in an actuarial value of assets that is less than market value.

Solvency Valuation Assumptions

Interest Rate
An interest rate of 4.50% per annum was used to value the solvency liabilities. This rate is appropriate for the December 31, 2007 solvency valuation, and, is in accordance with the Canadian Institute of Actuaries guidelines for solvency valuations.

Excluded Benefits
No future post-retirement adjustments have been included in the solvency liabilities. Ad hoc post-retirement adjustments granted through 2007 have been included in the liabilities. Since post-retirement adjustments are ad hoc, they have not been included in the wind-up liability.

Deaths After Retirement
According to the UP94 projected to 2015 Table.

Spouse's Age
Female spouses are assumed to be 3 years younger than male spouses.

Marital Status
For retired members, it is assumed that 80% are married at death.

Liabilities Valuation Method
Unit Credit Method. The actuarial value of benefits for retired members and spousal beneficiaries is calculated as the discounted value of their respective benefit payments.

Asset Valuation Method
Assets are valued at market value as reported by the custodian for the Benefit Fund.

Loading or Contingencies
None.

Expenses
The solvency liabilities do not include any provision for expenses. An explicit expense assumption of $100,000 has been used for purposes of the solvency valuation. These expenses reflect the cost of complying with the legislative disclosure requirements on wind up and the administrative expenses associated with purchasing pensions for the retirees from an insurance company. This estimate of expenses does not reflect any expenses due to the determination of surplus and surplus distribution on wind up of the Benefit Fund.

Appendix "B"
Membership Data

Table 1

The Number and Annual Retirement Pensions
for Retired Members Distributed by Age
as of December 31, 2007

	Males	
Age	**Number**	**Amount**
61	6	$ 278,193.36
62	26	1,034,623.44
63	25	1,051,845.60
64	27	1,145,777.28
65	42	1,437,739.68
66	38	1,348,516.08
67	17	592,243.20
68	19	674,429.52
69	16	545,424.48
70	16	570,757.68
71	39	1,426,907.52
72	34	1,208,119.44
73	50	1,718,734.32
74	49	1,617,288.96
75	55	1,867,086.48
76	40	1,461,722.88
77	16	524,883.60
78	11	404,859.36
79	5	155,353.68
80	9	288,145.44
81	15	496,404.00
82	16	508,700.16
83	15	469,979.52
84	9	297,092.88
85	10	305,782.32
86	17	481,573.20
87	13	389,037.60
88	5	152,317.44
90	1	26,233.68
91	1	34,359.12
93	1	30,614.64
Total	643	$22,544,746.56

Average Age:	Male	73.2

Table 2

The Number and Annual Retirement Pensions
for Beneficiaries Distributed by Age
as of December 31, 2007

Age	Number (Females)	Amount (Females)
53	1	$ 18,785.52
56	1	30,240.24
57	1	14,048.16
58	4	99,190.32
59	6	135,731.52
60	5	108,283.68
61	7	153,913.20
62	3	74,941.44
63	4	96,495.60
64	3	68,104.80
65	8	183,444.96
66	5	112,092.48
67	10	197,058.00
68	6	146,516.40
69	7	173,172.24
70	19	407,160.96
71	14	297,130.32
72	12	285,342.24
73	11	231,413.04
74	12	241,127.28
75	17	326,123.76
76	8	164,504.40
77	10	207,446.64
78	13	227,894.64
79	14	239,010.96
80	12	215,396.16
81	24	497,256.24
82	20	333,188.88
83	14	244,236.96
84	14	270,257.04

Table 2

The Number and Annual Retirement Pensions
for Beneficiaries Distributed by Age
as of December 31, 2007

(continued)

	Females	
Age	**Number**	**Amount**
85	5	$ 66,842.64
86	5	111,122.88
87	12	218,080.32
88	7	114,584.40
89	3	52,752.00
90	4	69,220.32
91	4	50,768.16
92	6	73,800.24
93	1	16,249.92
94	1	18,068.64
95	1	16,538.88
96	1	11,335.20
97	1	11,335.20
98	1	11,335.20
Total	337	$6,641,542.08

Average Age: Female 76.7

Appendix "C"
Summary of Main Benefit and Contribution Provisions

Covered Members
All members of the Fire Department except those who became members after May 8, 1961, at an age in excess of 26 years, or after July 1, 1968.

Normal Retirement Date
Age 65.

Employee Contributions
Effective January 1, 1998, members with less than 35 years of service contribute to the Plan at the rate of 5.5% of their salary less their contributions to the Canada Pension Plan. Prior to January 1, 1998, the contribution rate was 7.5% of salary less contributions to the Canada Pension Plan.

Employer Contributions
The City contributions are an amount equal to member contributions to the Plan, plus any additional special payments in respect of past service as specified by the by-laws.

Retirement Pension
On completion of 30 or more years of continuous service, an annual pension equal to 2% of the member's average annual earnings during the 60 consecutive months which produce the highest average, multiplied by his credited service up to 35 years; less a CPP offset equal to 0.7% of the lesser of such average earnings and the average of the YMPE at retirement and the 2 preceding years multiplied by his credited service after January 1, 1966. The CPP offset commences when the member attains age 65.

Minimum Pension
Member's annual pension shall not be less than $13,600.

Early Retirement
An unreduced pension is payable on retirement after 30 years of service or on retirement due to being worn out in the service of the Fire Department after 25 years of service but before 30 years. For retirement due to any reason, a reduced pension is payable after 25 years of service or attainment of age 55.

Effective January 1, 1998, subject to annual review over a 5-year window period, members with 30 years of service can retire with an unreduced pension, regardless of age.

Disability Pension
A pension equivalent to the pension the member would have received had he retired with 30 years of service (subject to any limits which are imposed by Canada Revenue Agency legislation) is payable to those members who retire on disability from injuries received in the lawful execution of duty.

Form of Pension
For members without a spouse, the normal form is a pension payable for life.

For members with a spouse, the normal form is a joint annuity with 66-2/3% of the member's pension continuing to the spouse following the death of the member.

The sum of pension payments (including any spouse pension) in any event must be at least equal to what the member's entitlement would have been had he died in service immediately before the commencement of his pension.

Death Benefits Before Retirement
A pension equal to 66-2/3% of the pension accrued to the date of the member's death will be paid to the spouse if the death of the member is:

(a) due to accidental injuries received while on duty, or

(b) after 25 years of service.

If no spouse's pension is payable, the member's beneficiary will receive an amount equal to the greater of:

(c) the member's contributions with interest plus $100 for each year of service, subject to a minimum of $3,500, and

(d) the commuted value of the member's benefit accrued after December 31, 1986 plus the member's contributions made prior to January 1, 1987 with interest.

Termination of Employment
For Benefits Accrued Prior to January 1, 1987
On termination of service before retirement but after age 45 and 10 years of service, a retirement pension will be payable at age 65, determined the same as for normal retirement but based on service before January 1, 1987.

For Benefits Accrued After January 1, 1987
On termination of service before retirement but after 2 years of credited service, a retirement pension will be payable at age 65, determined the same as for normal retirement but based on service after January 1, 1987.

Refunds on Termination
Members' contributions in respect of pension not vested are refunded with interest.

Credited Interest

The interest rate credited on employee contributions is established by the Pension Committee. Interest credited on and after January 1, 1988 shall be at least equal to the rate prescribed under the Ontario Pension Benefits Act.

Maximum Cost to Member

Effective January 1, 1988, in the event of the earliest of a member's retirement, termination of employment, termination of membership or death after completion of 24 months of Plan membership, in respect of service after January 1, 1987, the member's contributions with interest shall not provide for more than 50% of the commuted value of the retirement allowance to which the member or his surviving spouse, if applicable, is entitled under the Plan. The member's contributions with interest in excess of 50% of the commuted value of such retirement allowance shall be refunded to the member or spouse, if applicable.

Ad Hoc Post-Retirement Adjustments

Commencing 1986, City Council adopted a policy of providing ad hoc increases in pensions to pensioners based upon an excess interest indexing methodology. Subject to City Council approval, each year, ad hoc increases in pension were provided, with a minimum increase of 50% of the increase in the Consumer Price Index (CPI) on a year over year basis, and a maximum increase of the lesser of the excess investment return on the Benefit Fund and 100% CPI.

Commencing 1997, the Plan by-laws were amended to provide for future increases to pensioners including spouses of deceased retired members, based on the lesser of:

(a) the investment rate of return of Fund assets (using a 5-year smoothing technique) in excess of the rate of return required to maintain the actuarial solvency of the Benefit Fund as determined by the actuary, and

(b) the increase in the year over year level of the average CPI,

to the extent that actuarial surplus is available.

Appendix "D"
Statement of Actuary's Opinion

1. In my opinion, the data on which the valuation is based are sufficient and reliable for the purposes of the valuation.

2. In my opinion, the assumptions are, in aggregate, appropriate for the purposes of:

   (a) estimating the ongoing financial condition of the Plan;

   (b) estimating the City contribution requirements for 2008;

   (c) reviewing the solvency of the Plan;

   (d) determining the need for any special payments to amortize any solvency deficiency;

   (e) comparing the actual and expected experience under the Plan and reconciling the change in the ongoing funded status of the Plan; and

   (f) providing supplementary information to support government filings.

3. In my opinion, the methods employed in the valuation are appropriate for the purposes of:

   (a) estimating the ongoing financial condition of the Plan;

   (b) estimating the City contribution requirements for 2008;

   (c) reviewing the solvency of the Plan;

   (d) determining the need for any special payments to amortize any solvency deficiency;

   (e) comparing the actual and expected experience under the Plan and reconciling the change in the ongoing funded status of the Plan; and

   (f) providing supplementary information to support government filings.

Appendix "D"
Statement of Actuary's Opinion - continued

4. This report has been prepared, and my opinion given, in accordance with accepted actuarial practice.

5. In my opinion, the value of the Plan assets would be greater than the actuarial liabilities if the Plan were to be wound up on the valuation date.

Cindy Rynne

Cynthia L. Rynne
Fellow, Society of Actuaries
Fellow, Canadian Institute of Actuaries

April 30, 2008

Date

Appendix "E"
Actuarial Cost Certificate on the
Toronto Fire Department Superannuation and Benefit Fund
As at December 31, 2007

Registration #: 0351601

Based on a valuation of the Plan as of December 31, 2007, I hereby certify that:

1. There are no longer any active members in the Plan, and therefore, no member required contributions.

2. There are no longer any matching contributions required to be made by the City to the Plan.

3. There are no longer any special payments required by the City to amortize previously established unfunded actuarial liabilities.

4. The amount of the invested pension fund assets on December 31, 2007 is $336,525,030 at market value and $323,323,558 at actuarial value.

5. The actuarial surplus under the Plan is $61,474,000 as of December 31, 2007 under the going-concern valuation.

6. There is no excess surplus as of December 31, 2007 as defined in Section 147.2(2)(d) of the Income Tax Act.

7. There is no solvency deficiency under the Plan as of December 31, 2007.

8. The pre-1990 past service benefit restriction contained in subsection 8504(6) of the Income Tax Regulations does not apply to any member of this Plan.

9. This report and cost certificate have been prepared and this opinion has been given in accordance with accepted actuarial practice and the Recommendations of the Canadian Institute of Actuaries, and the report and cost certificate, in my opinion, are consistent with the valuation requirements under the Pension Benefits Act, R.S.O. 1990 and Regulations thereunder and are in compliance with the requirements outlined in subparagraphs 147.2(2)(a)(iii) and (iv) of the Income Tax Act.

Cindy Rynne

Cynthia L. Rynne
Fellow, Society of Actuaries
Fellow, Canadian Institute of Actuaries

April 30, 2008

Date

Appendix F
Actuarial Information Summary

Canada | Canada Customs and Revenue Agency | Office of the Superintendent of Financial Institutions Canada | Financial Services Commission of Ontario

ACTUARIAL INFORMATION SUMMARY

Please see the instructions for completing this form. If an item does not apply, enter "N/A".

Part I – Plan Information and Contributions

1999/08/01

1. Name of registered pension plan
The Toronto Fire Department Superannuation and Benefit Fund

2. Registration number
Canada Customs and Revenue Agency: 0351601 Other:

3. Is this plan a designated plan? [ ] Yes [X] No

4. Valuation date of report: YYYY 2007 MM 12 DD 31

5. End date of period covered by report: YYYY 2010 MM 12 DD 31

6. Purpose of the report (Indicate the reason(s) for which the report was prepared):

[ ] a. Initial report for a newly established plan
[X] b. Regular (triennial or annual) report for an ongoing plan
[ ] c. Interim report in respect of an amendment to an ongoing plan
[ ] d. Other (please explain) ______

7. Normal cost and special payments (prior to application of any credits and/or suplus) for covered period:

Periods (see instructions)	Period 1	Period 2	Period 3	Period 4
a. Period start date (YYYY MM DD)	2008 01 01	2009 01 01	2010 01 01	
Period end date (YYYY MM DD)	2008 12 31	2009 12 31	2010 12 31	
b. Normal cost (DB provision) (1) Members	$ 0	$ 0	$ 0	
(2) Employer	$ 0	$ 0	$ 0	
c. Normal cost (DC provision) (1) Members				
(2) Employer				
d. Special payments for going concern unfunded liability and/or solvency deficiency	$ 0	$ 0	$ 0	

Part II – Membership and Actuarial Information

8. Membership information	Number	Average Age	Average Pensionable Service	Average Salary	Average Pension
a. Active members	0	N/A	N/A	N/A	N/A
b. Retired members	980	74.4	N/A	N/A	$29,782
c. Other participants	0	N/A	N/A	N/A	N/A

9. Actuarial basis for going concern valuation (see instructions)

a. Asset valuation method

[ ] (1) Market [X] (2) Smoothed Market [ ] (3) Book [ ] (4) Book & Market combination [ ] (5) Other

b. Liability valuation method

[X] (1) Accrued benefit (unit credit) [ ] (2) Entry age normal [ ] (3) Individual level premium [ ] (4) Aggregate
[ ] (5) Other (specify) ______

T1200 1780

9. Actuarial basis for going concern valuation (cont'd)

c. Selected actuarial assumptions
Where a flat rate is used, enter the rate under "Ultimate rate" and "N/A" under "Initial rate" and "Number of years*"

	Initial rate	Number of years*	Ultimate rate
(1) Valuation interest rate			
(a) active members	N/A	N/A	N/A
(b) retired members	N/A	N/A	6.5%
(2) Rate of indexation	N/A	N/A	0.0%
(3) Rate of general wage and salary increase	N/A	N/A	N/A
(4) YMPE escalation rate	N/A	N/A	N/A
(5) Canada Customs and Revenue Agency's maximum pension limit escalation rate	N/A	N/A	N/A
(6) Rate of CPI increase	N/A	N/A	0%

* from valuation date before ultimate rate becomes effective

(7) Year Canada Customs and Revenue Agency's maximum pension limit escalation commences: N/A

(8) Mortality Table

☐ (a) 1983 GAM ☐ (b) 1983 GAM (without margin) ☐ (c) 1971 GAM ☐ (d) 1994 GAM Static

☐ (e) 1994 Group Annuity Reserving (GAR) ☐ (f) 1994 UP [X] (g) Other (specify) UP94 projected to 2005

(9) Allowance for promotion, seniority and merit increases

☐ (a) Included in (3) above ☐ (b) Separate scale based on age or service [X] (c) No allowance

(10) If a MEPP, number of hours of work per member per plan year: ______

(11) Was a withdrawal scale used? ☐ Yes [X] No

(12) (a) Were variable retirement rates used? ☐ Yes [X] No

(b) If "No", what is the assumed retirement age? N/A

10. Actuarial basis for solvency

	Initial rate	Select period	Ultimate rate
a. Valuation interest rate			
(1) active members	N/A	N/A	N/A
(2) retired members	N/A	N/A	4.5%
b. Rate of indexation	N/A	N/A	0.0%

c. Mortality table ☐ (1) 1983 GAM ☐ (2) 1994 UP [X] (3) Other (specify) UP94 projected to 2015

11. Balance sheet information (see instructions)

a. Market value of assets, adjusted for receivables and payables: $ 336,525,000
Amount of contributions receivable included in market value above: $ 0

b. Going concern valuation

(1) Going concern assets: $ 323,324,000

(2) Going concern liabilities

(a) for active members: $ 0

(b) for retired members: $ 261,850,000

(c) for other participants: $ 0

(d) other reserve: $ 0

(3) Net funded position surplus/(deficit): $ 61,474,000

11. Balance sheet information (cont'd)			
c. Solvency valuation			
Complete 11c(1), (2) and (3) only if the report contains an explicit solvency valuation			
(1) Solvency assets			
(a) solvency assets with adjustment for expense provision, if any			$ 336,425,000
(b) amount of wind-up expense provision reflected in (a) above			$ 100,000
(2) Solvency liabilities			
(a) for active members			$ 0
(b) for retired members			$ 310,029,000
(c) for other participants			$ 0
(d) other reserve			$
(3) Net solvency position surplus/(deficit)			$ 26,396,000
d. If the plan provides benefit increases coming into effect during the period covered by the report but after the valuation date, have those increases been reflected in			
(1) the going concern liabilities in 11b(2)?	[X] N/A	[ ] Yes	[ ] No
(2) the solvency liabilities in 11c(2)?	[X] N/A	[ ] Yes	[ ] No
12. Actuarial gains/(losses)			
a. Was a gain/loss analysis done?		[X] Yes	[ ] No
b. If line 12a is "Yes", indicate amount of gain/(loss) due to:			
(1) change in actuarial assumptions			$ N/A
(2) change in asset valuation method			N/A
(3) change in liability valuation method			N/A
(4) plan amendments/changes			N/A
(5) investment experience			$ 4,729,000
(6) retirement experience			$ 1,895,000
(7) major contributing sources other than (1) to (6) above (specify)			
Interest on Surplus from Last Valuation			$ 3,724,000
Pension Increases			$ (5,738,000)
(8) all other sources (combined)			$ (423,000)
13. Are there any subsequent event(s) that have not been reflected in the valuation? (Refer to CIA Standard of Practice)		[ ] Yes	[X] No
14. Are any of the actuary's statements of opinion qualified?		[ ] Yes	[X] No

Part III – Ontario (OPBA) Specific Information

15. Additional valuation information

a. Going concern valuation

(1) Have escalated adjustments been included in going concern liabilities? ..... [X] N/A [ ] Yes [ ] No

b. Solvency valuation

(1) Have any of the "excludable" benefits been excluded? ..... [X] N/A [ ] Yes [ ] No

(2) If "Yes", enter the total amount of liabilities being excluded ..... ______

16. Miscellaneous

a. Prior year credit balance ..... $ **0**

b. Transfer ratio (express in decimal format) **1.0**

c. Guarantee Fund assessment

(1) PBGF liabilities ..... **N/A**

(2) PBGF assessment base ..... **N/A**

(3) Amount of additional liabilty for plant closure and/or permanent layoff benefits as described in clause 37(4)(a)(ii)(A) of Regulation 909, R.R.O. 1990, as amended ..... **N/A**

Part IV – Federal (PBSA) Specific Information

17. Additional solvency valuation information

a. Solvency ratio ..... ______

Part V – Canada Customs and Revenue Agency Specific Information

18. Amount claimed as eligible contribution(s) under subsection 147.2(2) of the *Income Tax Act*, R.S.C. 1985 (5th supp.), c.1, as amended, as

a. unfunded accrued liability ..... $ **0**

b. solvency deficiency ..... $ **0**

c. first year normal cost for a DB provision ..... $ **0**

Part VI – Certification by Actuary

As the actuary who signed the funding valuation report (the "Report"), I certify that this Actuarial Information Summary accurately reflects the information provided in the Report.

Dated this **30th** (day) day of **April** (month), **2008** (year).

Cindy Rynne
Signature of actuary

Cynthia Rynne
Print or type name of actuary

Buck Consultants Limited
Name of firm

(416) 865-0060
Telephone number

Appendix G
Certificate of Administrator with respect to the
Actuarial Report of the
Toronto Fire Superannuation and Benefit Fund as at December 31, 2007

Registration Number 0351601

I hereby certify that, to the best of my knowledge and belief.

1. The Summary of Main Benefit and Contribution Provisions of this report provides a complete and accurate summary of the terms of the Plan which affect the financial condition of the Plan as at December 31 2007;

2. The Summary of Membership Data contained in this report is a complete and accurate summary of all persons who are entitled or will become entitled to benefits under the terms of the Plan in respect of service up to the date of the valuation;

3. All required contributions have been remitted to the Fund up to December 31, 2007 in accordance with the recommendations in the actuarial valuation report as at December 31, 2006;

4. The Membership and Financial Data provided to the actuary for the purposes of this valuation are accurate and complete;

5. There are no subsequent events as at December 31, 2007; and

6. The actuary has been provided with the official Plan text and all subsequent amendments pertaining to the Plan.

Emma Monardo
Name

April 28/2008
Date

Manager Pension
Title

EMonardo
Signature