

# Appendix D12 - Actuarial Method and Assumptions

## Nova Scotia Public Authority Pension Plans Reciprocal Transfer Agreement

**Name of Public Authority:** Municipality of the County of Richmond

**Registered Pension Plan Name:** The Pension Plan for the Employees of the Municipality of the County of Richmond

1. **Actuarial Method** (describe): Projected Unit Credit Actuarial Cost Method

2. **Assumptions:** Effective date: January 1, 1998

a) **Economic Assumptions:**

- |     |  |                            |
|-----|--|----------------------------|
| (1) | Interest Rate:   | 7.5%                       |
| (2) | Inflation Rate:  |                            |
| (3) | YMPE Growth Rate:  | 5.0% per year              |
| (4) | Salary Growth Rate:  | 5.5% per year              |
| (5) | Rate of Increase of Maximum Benefits under Income Tax Act: | 5.0% starting in year 2005 |
| (6) | Rate of Indexing of Pension In Payment:                    | 2.0% per year              |

b) **Demographic Assumptions:**

- |     |                                 |   |
|-----|---------------------------------|---|
| (1) | Mortality Table:                | • prior to retirement: None<br>• after retirement: GAM 1983 |
| (2) | Gender Split:                   |   |
| (3) | Proportion With Spouse:         |   |
| (4) | Age Difference Between Spouses: | 100%  |
| (5) | Retirement Age:                 | 100% at the earliest unreduced age minimum 58 years         |
| (6) | Withdrawal Rate:                | None  |
| (7) | Disability Rate:                | None  |

**Note:** If more room is needed to describe your assumptions, please use overleaf or attach a separate page to this form.