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NOTE 14 PENSION PLANS (CONTINUED)

Municipal Firefighters' Pension Plan (MFPP) (Continued)

Net Pension Liability of the City (Continued)

Discount Rate. The discount rate used to measure the total pension liability for the Plan was 7.00%, which remained consistent from prior year.

The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that sponsor contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on those assumptions, the pension plans' fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the Net Pension Liability to Changes in the Discount Rate. The following presents the net pension liabilities of the City, calculated using the discount rates noted above, as well as what the City's net pension liabilities would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

	1% Decrease (6.0%)	Current Discount Rate (7.0%)	1% Increase (8.0%)
City's Net Pension Liability (Asset) as of the Measurement Date	$ 6,204,444	$ 4,060,495	$ 2,291,638

Actuarial valuations involve estimates of the value of reported amounts and assumptions about the probability of events far into the future, and actuarially determined amounts are subject to continual revision as results are compared to past expectations and new estimates are made about the future. Actuarial calculations reflect a long-term perspective. Calculations are based on the substantive plan in effect as of September 30, 2024. and the current sharing pattern of costs between employer and employee.

Net Pension Liability of the City on the Plan's Fiscal Year-End

The components of the net pension liability of the City as it pertains to the Plan at September 30, 2024, were as follows:

Total Pension Liability	$ 18,167,020
Plan Fiduciary Net Position	(15,943,479)
Net Pension Liability	$ 2,223,541
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	87.76%