

# Municipal Pensions Oversight Board

## City of Morgantown West Virginia Policemen's Pension and Relief Fund

GASB 67 Actuarial Information for the Fiscal Year Ending June 30, 2024

GASB 68 Actuarial Information for the Fiscal Year Ending June 30, 2024 (Measurement Period Ending June 30, 2024)

# Bolton

Submitted by:

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December 6, 2024

Mr. Jonathan Furgison Finance Director City of Morgantown 389 Spruce Street Morgantown, WV 26505 Lieutenant Jason Ammons Pension Board Secretary City of Morgantown Policemen's Pension and Relief Fund

Re: City of Morgantown Policemen's Pension and Relief Fund GASB 67 and GASB 68 Actuarial Information for the Measurement Period Ending June 30, 2024

Dear Jonathan,

The following report contains the GASB 67 actuarial information to be included with the plan's financial statements for the plan year ending June 30, 2024 and the GASB 68 actuarial information to be included with the City's financial statements for the fiscal year ending June 30, 2024. The GASB 68 information has been provided as of the June 30, 2024 measurement date for FY 2024.

#### Methodology, Reliance and Certification

This report was prepared for the internal use of the City and its auditors in connection with our actuarial valuations of the pension plan as required by GASB 68. The purpose of this report is to provide the GASB 67 actuarial information for use in the plan's financial statements for the plan year ending June 30, 2024 and the GASB 68 information for use in the City's financial statements for the fiscal year ending June 30, 2024. It is neither intended nor necessarily suitable for other purposes. Bolton is not responsible for the consequences of any other use or the reliance upon this report by any other party.

These calculations are applicable for the valuation date only. This valuation does not provide any guarantee that the plan will be able to provide the promised benefits in the future.

The total pension liability is based on the July 1, 2023 actuarial valuation rolled forward to June 30, 2024. Our understanding is that there have been no substantial changes affecting the liabilities of the plan since July 1, 2023 that would cause our estimates of the June 30, 2024 liabilities to not reasonably reflect the condition of the plan. The methods, assumptions, and participant data used are detailed in the July 1, 2023 actuarial valuation report. These calculations are based on the Entry Age Normal cost method as required by GASB 67. The calculation of the actuarially determined contribution for the fiscal year ended June 30, 2024 is contained in the July 1, 2022 actuarial valuation rate assumption may be different if a blended rate was used for GASB purposes.

The included calculations are based on a blended discount rate of 4.18%. The plan's expected gross rate of investment return of 4.25% has been blended with the 3.97% yield corresponding to the 20-year maturity on a municipal general obligation AA bond yield curve published on Fidelity's Fixed Income Market Data webpage as of June 30, 2024. The development of the blended discount rate is included within this report.

The long-term nominal expected rate of return on pension plan investments was determined using a methodology approved by the Municipal Pensions Oversight Board (MPOB) and is based on the funded status (current and projected), equity exposure, and funding policy.

The included calculations assume that the members and the City will continue to make all required contributions in accordance with the City's funding policy.

Mr. Jonathan Furgison December 6, 2024 Page 2

#### Methodology, Reliance and Certification (cont.)

This report is based on plan provisions, census data, and asset data submitted by the City. We have relied on this information for purposes of preparing this report. We have not audited the census data provided; however, based on our review, the data appears to be reasonable and consistent with previously provided information. Unless otherwise noted in our report, we believe the information provided is sufficiently complete and reliable for purposes of the results presented in this report. The accuracy of the results presented in this report is dependent upon the accuracy and completeness of the underlying information. The City is solely responsible for the validity and completeness of this information.

The City is responsible for selecting the plan's funding policy based on five methods allowed for under state law. The actuarial valuation methods are chosen by the actuary in accordance with actuarial standards of practice promulgated by the Actuarial Standards Board of the American Academy of Actuaries and as required by GASB 67 & 68. The MPOB selects the asset valuation methods and assumptions; these selections are reviewed by a qualified actuary no less than every five years. The actuary shall provide a report to the Board with recommendations on any changes to the actuarial process. The policies, methods and assumptions used in this valuation are those that have been so prescribed and are described in this report. The City and MPOB are solely responsible for communicating to Bolton Partners, Inc. any changes required thereto.

This is a deterministic valuation in that it is based on a single set of assumptions. This set of assumptions is one possible basis for our calculations. We may consider that some factors are not material to the valuation of the plan and may not provide a specific assumption for those factors. We may have used other assumptions in the past. We will likely consider changes in assumptions at a future date.

Different assumptions or scenarios within the range of possibilities may also be reasonable and results based on those assumptions would be different. As a result of the uncertainty inherent in a forward-looking projection over a very long period of time, no one projection is uniquely "correct" and many alternative projections of the future could also be regarded as reasonable. Two different actuaries could, quite reasonably, arrive at different results based on the same data and different views of the future.

The City could reasonably ask how the valuation would change if we used a different assumption set or if plan experience exhibited variations from our assumptions. This report does not contain such an analysis. That type of analysis would be a separate assignment.

In addition, decisions regarding benefit improvements, benefit changes, the trust's investment policy, and similar issues should not be based on this valuation. These issues are complex and other factors should be considered when making such decisions. Other factors might include the anticipated vitality of the local economy and future growth expectations, as well as other economic and financial factors.



Mr. Jonathan Furgison December 6, 2024 Page 3

#### Methodology, Reliance and Certification (cont.)

The cost of this plan is determined by the benefits promised by the plan, the plan's participant population, the investment experience of the plan and many other factors. An actuarial valuation is a budgeting tool for the City or, in this case, a measure of accounting expense. It does not affect the cost of the plan. As the experience of the plan evolves, it is normal for the level of contributions and expense of the plan to change.

The report is conditioned on the assumption of an ongoing plan and is not meant to present the actuarial position of the plan in the case of plan termination. Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions, changes in economic or demographic assumptions, increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status), and changes in plan provisions or applicable law.

The valuation was completed using both proprietary and third-party models (including software and tools). We have tested these models to ensure they are used for their intended purposes, within their known limitations, and without any known material inconsistencies unless otherwise stated.

The calculations in this report have been computed in accordance with our understanding of generally accepted actuarial principles and practices and fairly reflect the actuarial position of the Plan. The various actuarial assumptions and methods which have been used are, in our opinion, appropriate for the purposes of this report.

We make every effort to ensure that our calculations are accurately performed. We reserve the right to correct any potential errors by amending the results of this report or by including the corrections in a future valuation report.

Bolton does not practice law and, therefore, cannot and does not provide legal advice. Any statutory interpretation on which this report is based reflects Bolton's understanding as an actuarial firm. Bolton recommends that recipients of this report consult with legal counsel when making any decisions regarding compliance with ERISA, the Internal Revenue Code, or any other statute or regulation.

The City should notify Bolton promptly after receipt of this report if the City disagrees with anything contained in the report or is aware of any information that would affect the results of the report that has not been communicated to Bolton or incorporated herein. The report will be deemed final and acceptable to the City unless the City promptly provides such notice to Bolton.

The undersigned enrolled actuaries meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein. The July 1, 2023 actuarial valuation report contains information that is integral to the results contained herein and a copy may be provided upon request.

Sincerely,

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James Ritchie, ASA, EA, FCA, MAAA

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Jordan McClane, FSA, EA, FCA, MAAA





Net Pension Liability of the Employer

The components of the net pension liability of the Employer at June 30, 2024, were as follows:

Total pension liability	\$ 87,104,381
Plan fiduciary net position	 (18,350,029)
Employer's net pension liability	\$ 68,754,352
Plan fiduciary net position as a percentage	21.07%
of the total pension liability	

Actuarial assumptions. The total pension liability was determined by an actuarial valuation as of July 1, 2023 rolled forward to June 30, 2024 using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.50%
Salary increases	Rates vary by years of service
Single discount rate (BOY)	4.10%
Single discount rate (EOY)	4.18%
Investment rate of return (BOY)	4.25%, net of pension plan investment expense, including inflation
Investment rate of return (EOY)	4.25%, net of pension plan investment expense, including inflation
Long-term municpal bond rate (BOY)	3.86%
Long-term municpal bond rate (EOY)	3.97%
Mortality	SOA PubS-2010(B) with generational projection using Scale MP-2021
Year Fund is projected to be fully funded	2059
Year assets are expected to be depleted	2043
for a closed plan	

The above is a summary of key actuarial assumptions. Full descriptions of the actuarial assumptions are available in the July 1, 2023 actuarial valuation report.

Sensitivity of the Net Pension Liability to Changes in the Discount Rate

	Decrease 3.18%	Di	Current scount Rate 4.18%	1	% Increase 5.18%
Employer's net pension liability	\$ 83,431,365	\$	68,754,352	\$	57,157,676



Changes in the Net Pension Liability

		ncrease (Decrease	.)
	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (a) - (b)
Balances at 6/30/23	\$ 78,739,847	\$ 16,967,721	\$ 61,772,126
Changes for the year:			
Service cost	2,156,151		2,156,151
Interest	3,172,991		3,172,991
Changes of benefit terms	-		-
Differences between expected and actual experience	7,064,205		7,064,205
Changes of assumptions	(1,329,157)		(1,329,157)
Contributions - employer (including Premium Tax Allocation)		2,138,796	(2,138,796)
Contributions - member		443,758	(443,758)
Net investment income		1,515,616	(1,515,616)
Benefit payments, including refunds of member contributions	(2,699,656)	(2,699,656)	-
Administrative expense		(16,206)	16,206
Other		-	-
Net Changes	8,364,534	1,382,308	6,982,226
Balances at 6/30/24	\$ 87,104,381	\$ 18,350,029	\$ 68,754,352
Return on Investments		9.0%	



Components of Employer's Pension Expense for the Fiscal Year Ended June 30, 2024

Note	Description	Amount
А	Service cost	\$ 2,156,151
В	Interest on the total pension liability	3,172,991
А	Changes of benefit terms	-
С	Differences between expected and actual experience	1,748,547
С	Changes of assumptions	(3,168,409)
А	Employee contributions	(443,758)
D	Projected earnings on pension plan investments	(718,295)
С	Differences between expected and actual earnings on plan investments	48,894
А	Pension plan administrative expense	16,206
А	Other changes in fiduciary net position	-
	Total Pension Expense	\$ 2,812,327

#### Notes:

- A Provided in the Changes in Net Pension Liability exhibit.
- B Based on the following calculation:

	J	Amount for Period (a)	Portion of Period (b)	Interest Rate (c)	Projected Earnings (a) x (b) x (c)
Beginning total pension liability	\$	78,739,847	100%	4.10%	\$ 3,228,334
Service cost (end of year)		2,156,151	0%	4.10%	-
Benefit payments, including refunds of employee contributions		(2,699,656)	50%	4.10%	(55,343)
Total interest on the total pension liability					\$ 3,172,991

C Provided in the Schedules of Deferrals.

#### D Based on the following calculation:

	ļ	Amount for Period (a)	Portion of Period (b)	Projected Rate of Return (c)	E	rojected arnings x (b) x (c)
Beginning plan fiduciary net position	\$	16,967,721	100%	4.25%	\$	721,128
Employer contributions		2,138,796	50%	4.25%		45,449
Employee contributions		443,758	50%	4.25%		9,430
Benefit payments, including refunds of employee contributions		(2,699,656)	50%	4.25%		(57,368)
Administrative expense and other		(16,206)	50%	4.25%		(344)
Total Projected Earnings					\$	718,295



Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

# At June 30, 2024, the Employer reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	red Outflows Resources	erred Inflows Resources
Differences between expected and actual experience	\$ 5,887,470	\$ 611,544
Changes of assumptions	915,081	4,321,070
Net difference between projected and actual earnings	-	
on pension plan investments		25,877
Total	\$ 6,802,551	\$ 4,958,491

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year ended June 30:	
2025	\$ (878,604)
2026	1,710,542
2027	1,171,587
2028	(159,465)
2029	-
Thereafter	-



Changes in the Employer's Net Pension Liability and Related Ratios Last 10 Fiscal Years

Total pension liability	2024		2023		2022	2021	2020	2019	2018	2017	2016	2015
Service cost	\$ 2,156,151	\$	1,826,771	\$	2,486,762	\$ 3,023,828	\$ 2,805,260	\$ 2,680,359	\$ 2,644,826	\$ 2,861,572	\$ 1,530,284	\$ 1,410,460
Interest	3,172,991		3,062,614		2,769,438	2,983,210	2,871,014	2,736,305	2,664,956	2,354,181	2,409,970	2,333,177
Changes of benefit terms	-		-		-	-	-	-	-	-	-	-
Differences between expected and actual experience	7,064,205		75,175		(2,446,179)	(464,631)	3,310,369	838,051	1,320,613	(95,360)	440,163	(935,554)
Changes of assumptions	(1,329,157)		(955,267)		(11,386,282)	(2,850,909)	5,490,501	281,487	(474,554)	(6,346,566)	16,140,037	927,148
Benefit payments, including refunds of member contributions	 (2,699,656)		(2,907,734)		(2,851,777)	(2,733,260)	(2,643,614)	(2,452,251)	(2,258,026)	(2,119,629)	(2,098,886)	(2,007,907)
Net change in total pension liability	8,364,534		1,101,559		(11,428,038)	(41,762)	11,833,530	4,083,951	3,897,815	(3,345,802)	18,421,568	1,727,324
Total pension liability - beginning	78,739,847	7	77,638,288		89,066,326	89,108,088	77,274,558	73,190,607	69,292,792	72,638,594	54,217,026	52,489,702
Total pension liability - ending (a)	\$ 87,104,381	\$ 7	78,739,847	\$	77,638,288	\$ 89,066,326	\$ 89,108,088	\$ 77,274,558	\$ 73,190,607	\$ 69,292,792	\$ 72,638,594	\$ 54,217,026
Plan fiduciary net position	2024		2023		2022	2021	2020	2019	2018	2017	2016	2015
Contributions - employer (including Premium Tax Allocation)	\$ 2,138,796	\$	1,961,835	\$	1,945,569	\$ 1,922,014	\$ 1,957,930	\$ 2,000,979	\$ 1,904,788	\$ 1,703,185	\$ 1,445,898	\$ 1,299,492
Contributions - member	443,758		463,332		427,163	406,609	455,534	465,680	437,588	423,661	360,533	343,444
Net investment income	1,515,616		1,194,223		(2,967,547)	3,717,867	(6,359)	890,424	466,764	1,349,142	(313,457)	372,888
Benefit payments, including refunds of member contributions	(2,699,656)		(2,907,734)		(2,851,777)	(2,733,260)	(2,643,614)	(2,452,251)	(2,258,026)	(2,119,629)	(2,098,886)	(2,007,907)
Administrative expense	(16,206)		(2,220)		(2,252)	(1,811)	(1,740)	-	(1,620)	(1,560)	(1,994)	(1,344)
Other	 -			_	-	 -	 -	 (2,132)	 	 198	 267	 -
Net change in plan fiduciary net position	\$ 1,382,308	\$	709,436	\$	(3,448,844)	\$ 3,311,419	\$ (238,249)	\$ 902,700	\$ 549,494	\$ 1,354,997	\$ (607,639)	\$ 6,573
Plan fiduciary net position - beginning	16,967,721	1	16,258,285		19,707,129	16,395,710	16,633,959	15,731,259	15,181,765	13,826,768	14,434,407	14,472,339
Plan fiduciary net position - ending (b)	\$ 18,350,029	<b>\$</b> 1	16,967,721	\$	16,258,285	\$ 19,707,129	\$ 16,395,710	\$ 16,633,959	\$ 15,731,259	\$ 15,181,765	\$ 13,826,768	\$ 14,478,912
Employer's net pension liability - ending (a)-(b)	\$ 68,754,352	\$ 6	61,772,126	\$	61,380,003	\$ 69,359,197	\$ 72,712,378	\$ 60,640,599	\$ 57,459,348	\$ 54,111,027	\$ 58,811,826	\$ 39,738,114
Plan fiduciary net position as a percentage of the total pension liability	21.07%		21.55%		20.94%	22.13%	18.40%	21.53%	21.49%	21.91%	19.04%	26.71%
Covered payroll	\$ 4,877,096	\$	3,979,529	\$	4,261,421	\$ 4,446,616	\$ 4,683,481	\$ 4,424,855	\$ 4,424,620	\$ 4,054,650	\$ 3,527,889	\$ 3,381,767
Employer's net pension liability as a percentage of	1 100 7 101		1550.050/		1110 0001	4550.000/	1550 500/	1070 150/	1000.000/	10015400	1007.050/	4475 0704
covered payroll	1409.74%		1552.25%		1440.36%	1559.82%	1552.53%	1370.45%	1298.63%	1334.54%	1667.05%	1175.07%
Expected average remaining service years of all participants	4.00		4.00		4.00	4.00	6.00	6.00	5.88	5.65	5.43	5.20

#### Notes to Schedule:

Benefit changes: There were no changes for FY2024.

Changes of assumptions: Pursuant to the 2023 Experience Study Report, changes were made to cost-of-living increases, mortality improvement rates, retirement rates, and disability rates. Additionally, the discount rate changed from 4.10% to 4.18%.

\*Market value of assets as of July 1, 2015, excludes \$44,505, included in the market value of assets as of June 30, 2015, used for the actuarial valuation report for the fiscal year end June 30, 2015.

Schedule of Employer Contributions Last 10 Fiscal Years

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Actuarially determined contribution	\$ 4,990,420	\$ 4,913,333	\$ 4,903,381	\$ 5,101,824	\$ 4,709,413	\$ 4,499,599	\$ 3,983,176	\$ 3,675,688	\$ 3,285,978	\$ 2,478,419
Contributions in relation to the actuarially determined contribution										
Employer provided	1,401,389	1,314,699	1,233,680	1,158,547	1,219,659	1,295,000	1,212,990	1,073,218	848,356	720,778
State provided	737,407	647,136	711,889	763,467	738,271	705,979	691,798	629,967	597,542	578,714
Contribution deficiency (excess)	\$ 2,851,624	\$ 2,951,498	\$ 2,957,812	\$ 3,179,810	\$ 2,751,483	\$ 2,498,620	\$ 2,078,388	\$ 1,972,503	\$ 1,840,080	\$ 1,178,927
Covered payroll	\$ 4,877,096	\$ 3,979,529	\$ 4,261,421	\$ 4,446,616	\$ 4,683,481	\$ 4,424,855	\$ 4,424,620	\$ 4,054,650	\$ 3,527,889	\$ 3,381,767
Contributions as a percentage of covered employee payroll	43.85%	49.30%	45.66%	43.22%	41.81%	45.22%	43.05%	42.01%	40.98%	38.43%

#### Notes to Schedule

#### Valuation date:

Actuarial determined contribution (ADC) amounts are calculated as of the beginning of the fiscal year (July 1) for the year immediately following the fiscal year. The assumptions shown below are those used in the 7/1/2022 actuarial valuation to calculate the FY2024 ADC. Assumptions used to determine all contributions in the past would not have been the same.

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry Age Normal
Amortization method	Level Dollar
Remaining amortization period	15 to 26.5 years
Asset valuation method	4-year smoothed market
Inflation	2.50%
Salary increases	Rates vary by years of service
Investment rate of return	4.25%, net of pension plan investment expense, including inflation
Retirement age	Rates vary by age
Mortality	SOA PubS-2010(B) with generational projection using Scale MP-2019

### City of Morgantown, West Virginia Policemen's Pension and Relief Fund

Actuarial Information to Include in the Financial Statements for the June 30, 2024 Measurement Date



Schedule of Differences between Projected and Actual Earnings on Pension Plan Investments

In conformity with paragraph 33b of Statement 68, the effects of differences between projected and actual earnings on pension plan investments are recognized in pension expense using a systematic and rational method over a closed five-year period, beginning in the current reporting period. The following table illustrates the application of this requirement.

Year	betw and A on I	Differences veen Projected Actual Earnings Pension Plan avestments	Recognition Period (Years)			Expense Aris nd Actual Ea 2026		
2020	\$	749,670	5	149,934				
2021		(2,989,205)	5	(597,841)	(597,841)			
2022		3,794,872	5	758,974	758,974	758,976		
2023		(513,547)	5	(102,709)	(102,709)	(102,709)	(102,711)	
2024		(797,321)	5	\$ (159,464)	(159,464)	(159,464)	(159,464)	(159,465)
Net increa	ase (de	crease) in pensio	n expense	\$ 48,894	\$ (101,040)	\$ 496,803	\$ (262,175)	\$ (159,465)

Deferred Outflows of Resources and Deferred Inflows of Resources Arising from Differences between Projected and Actual Earnings on Pension Plan Investments

		In	vestment	Ir	nvestment	Amounts cognized in		Balar June 3		
		L	arnings ess than rojected	G	Earnings reater than Projected	sion Expense Through ne 30, 2024	0	Deferred utflows of esources		Deferred nflows of Resources
Yea	ar		(a)		(b)	(c)		(a) - (c)		(b) - (c)
202	:0	\$	749,670	\$	-	\$ 749,670	\$	-	\$	-
202	:1		-		2,989,205	2,391,364		-		597,841
202	2		3,794,872		-	2,276,922		1,517,950		-
202	3		-		513,547	205,418		-		308,129
202	4		-		797,321	159,464		-		637,857
							\$	1,517,950	\$	1,543,827



#### Schedule of Differences between Expected and Actual Experience

In conformity with paragraph 33a of Statement 68, the effects of differences between expected and actual experience are recognized in pension expense, beginning in the current reporting period, using a systematic and rational method over a closed period equal to the average of the remaining service lives of all employees that are provided with pensions through the pension plan (active and inactive employees), determined as of the beginning of the measurement period. The following table illustrates the application of this requirement.

	Differences between Expected and Actual	Recognition Period	Inc	rease (Decr	ease	e) in Pension	Exp	ense Arising	the Recogni xperience	tion o	f Difference	es betv	veen Projec	ted and Ad	ctual
Year	Experience	(Years)		2024		2025		2026	2027		2028		2029	Therea	after
2016	440,163	5.430906													
2017	(95,360)	5.645252													
2018	1,320,613	5.879103													
2019	838,051	6.000000		139,676											
2020	3,310,369	6.000000		551,728		551,729									
2021	(464,631)	4.000000		(116,157)											
2022	(2,446,179)	4.000000		(611,545)		(611,544)									
2023	75,175	4.000000		18,794		18,794		18,793							
2024	7,064,205	4.000000	\$	1,766,051		1,766,051		1,766,051	1,766,052						
Vet increas	se (decrease) in pensio	on expense	\$	1,748,547	\$	1,725,030	\$	1,784,844	\$ 1,766,052	\$	-	\$	-	\$	-

Deferred Outflows of Resources and Deferred Inflows of Resources Arising from Differences between Expected and Actual Experience

			Amounts Recognized in		ces at 0, 2024
Year	Experience Losses (a)	Experience Gains (b)	Pension Expense Through June 30, 2024 (c)	Deferred Outflows of Resources (a) - (c)	Deferred Inflows of Resources (b) - (c)
2016	440,163	-	440,163	-	-
2017	-	95,360	95,360	-	-
2018	1,320,613	-	1,320,613	-	-
2019	838,051	-	838,051	-	-
2020	3,310,369	-	2,758,640	551,729	-
2021	-	464,631	464,631	-	-
2022	-	2,446,179	1,834,635	-	611,544
2023	75,175	-	37,588	37,587	-
2024	7,064,205	-	1,766,051	5,298,154	-
				\$ 5,887,470	\$ 611,544



#### Schedule of Changes of Assumptions

In conformity with paragraph 33a of Statement 68, the effects of changes of assumptions should be recognized in pension expense, beginning in the current reporting period, using a systematic and rational method over a closed period equal to the average of the remaining service lives of all employees that are provided with pensions through the pension plan (active and inactive employees), determined as of the beginning of the measurement period. The following table illustrates the application of this requirement.

		Recognition	Inci	rease (Decrease)	in Pension Exper	nse Ar	rising from t	he Effects of (	Changes of A	ssumpt	ions
Year	Changes of Assumptions	Period (Years)	2024	2025	2026		2027	2028	20	29	Thereafter
2016	16,140,037	5.430906									
2017	(6,346,566)	5.645252									
2018	(474,554)	5.879103									
2019	281,487	6.000000	46,912								
2020	5,490,501	6.000000	915,084	915,081							
2021	(2,850,909)	4.000000	(712,728)								
2022	(11,386,282)	4.000000	(2,846,571)	(2,846,569)							
2023	(955,267)	4.000000	(238,817)	(238,817)	(238,816)						
2024	(1,329,157)	4.000000	\$ (332,289)	(332,289)	(332,289)		(332,290)				
Net increas	se (decrease) in pensio	n expense	\$ (3,168,409)	\$ (2,502,594)	\$ (571,105)	\$	(332,290)	\$	- \$	-	\$-

#### Deferred Outflows of Resources and Deferred Inflows of Resources Arising from Changes of Assumptions

	Increases	Decreases	Amounts Recognized in	Balances at June 30, 2024								
Year	in the Total Pension Liability (a)	in the Total Pension Liability (b)	Pension Expense Through June 30, 2024 (c)	Deferred Outflows of Resources (a) - (c)	Deferred Inflows of Resources (b) - (c)							
2016	16,140,037	-	16,140,037	-	-							
2017	-	6,346,566	6,346,566	-	-							
2018	-	474,554	474,554	-	-							
2019	281,487	-	281,487	-	-							
2020	5,490,501	-	4,575,420	915,081	-							
2021	-	2,850,909	2,850,909	-	-							
2022	-	11,386,282	8,539,713	-	2,846,569							
2023	-	955,267	477,634	-	477,633							
2024	-	1,329,157	332,289	-	996,868							
				\$ 915,081	\$ 4,321,070							



Projection of Pension Plan's Fiduciary Net Position

	Gross Normal Cost			Employee Contributions				Employer Normal Cost					Expenses (MOY)					Employer Contributions (MOY)					Premium Tax Allocation (MOY)					
		(BOY)		-		(BOY)					(BOY)		· · · · · ·					<u> </u>			•							
Fiscal Year	Current Members	Future Members	Total		Current Nembers	Future Members		Total	Curi Mem		Future Members	Total		urrent mbers		uture mbers		Total		Current Members		iture mbers		Total	Current Members	Fut Mem		Total
2024	\$ 1,931,245	\$-	\$ 1,931,245	\$	443,758	\$-	\$	443,758	\$ 1,48	87,487	\$ -	\$ 1,487,487	\$	10,218	\$	-	\$	10,218	\$	1,401,389	\$	-	\$	1,401,389	\$ 737,407	\$	-	\$ 737,407
2025	\$ 1,839,653	\$ 123,338	\$ 1,962,991	\$	433,275	\$ 27,319	\$	460,594	\$ 1,40	6,378	\$ 96,019	\$ 1,502,397	\$	2,349	\$	-	\$	2,349	\$	1,396,109	\$	98,038	\$	1,494,147	\$ 839,937	\$	-	\$ 839,937
2026	\$ 1,770,599	\$ 226,471	\$ 1,997,070	\$	418,534	\$ 49,949	\$	468,483	\$ 1,35	52,065	\$ 176,522	\$ 1,528,587	\$	2,333	\$	75	\$	2,408	\$	1,413,089	<b>\$</b> 1	180,309	\$	1,593,398	\$ 845,409	\$	-	\$ 845,409
2027	\$ 1,677,558	\$ 343,217	\$ 2,020,775	\$	399,268	\$ 75,512	\$	474,780	\$ 1,27	8,290	\$ 267,705	\$ 1,545,995	\$	2,334	\$	152	\$	2,486	\$	1,425,647	\$ 2	273,487	\$	1,699,134	\$ 885,979	\$	-	\$ 885,979
2028	\$ 1,588,926	\$ 465,781	\$ 2,054,707	\$	380,247	\$ 102,290	\$	482,537	\$ 1,20	8,679	\$ 363,491	\$ 1,572,170	\$	2,353	\$	232	\$	2,585	\$	1,440,783	\$ 3	371,367	\$	1,812,150	\$ 1,013,292	\$	-	\$ 1,013,292
2029	\$ 1,531,967	\$ 583,325	\$ 2,115,292	\$	367,938	\$ 127,913	\$	495,851	\$ 1,16	64,029	\$ 455,412	\$ 1,619,441	\$	2,331	\$	319	\$	2,650	\$	1,467,581	\$ 4	465,308	\$	1,932,889	\$ 1,038,236	\$	-	\$ 1,038,236
2030	\$ 1,453,255	\$ 684,900	\$ 2,138,155	\$	348,402	\$ 149,940	\$	498,342	\$ 1,10	4,853	\$ 534,960	\$ 1,639,813	\$	2,348	\$	368	\$	2,716	\$	1,515,406	\$ 5	546,578	\$	2,061,984	\$ 1,066,577	\$	-	\$ 1,066,577
2031	\$ 1,359,948	\$ 830,256	\$ 2,190,204	\$	325,010	\$ 181,681	\$	506,691	\$ 1,03	84,938	\$ 648,575	\$ 1,683,513	\$	2,364	\$	460	\$	2,824	\$	1,537,359	\$ 6	62,674	\$	2,200,033	\$ 1,092,851	\$	-	\$ 1,092,851
2032		\$ 950,518	\$ 2,255,208	\$	312,747	\$ 207,736		520,483	\$ 99	91,943	\$ 742,782	\$ 1,734,725	\$	1	\$	537	\$	2,895	\$	1,588,577	\$ 7	758,939	\$	2,347,516	\$ 1,127,925	\$	-	\$ 1,127,925
2033	\$ 1,246,332	\$ 1,066,627	\$ 2,312,959	\$	299,746	\$ 232,840	\$	532,586	\$ 94	6,586	\$ 833,787	\$ 1,780,373	\$	2,373	\$	615	\$	2,988	\$	1,653,337	\$ 8	351,936	\$	2,505,273	\$ 1,159,462	\$	-	\$ 1,159,462
2034		\$ 1,193,881	\$ 2,360,863	\$	280,716	\$ 260,410		541,126		86,266	\$ 933,471	\$ 1,819,737	\$	2,364	\$		\$	3,063	\$	1,720,154	\$ 9	953,800		2,673,954	\$ 1,194,313	\$	-	\$ 1,194,313
2035	\$ 1,060,237	\$ 1,338,470	\$ 2,398,707	\$	254,711	\$ 291,800	\$	546,511	\$ 80	5,526	\$ 1,046,670	\$ 1,852,196	\$	2,400	\$	762	\$	3,162	\$	1,784,899	\$ 1,0	069,442	\$	2,854,341	\$ 1,223,751	\$	-	\$ 1,223,751
2036	\$ 950,792	\$ 1,501,649	\$ 2,452,441	\$	227,693	\$ 327,240	\$	554,933	\$ 72	23,099	\$ 1,174,409	\$ 1,897,508	\$	2,412	\$	852	\$	3,264	\$	1,847,311	\$ 1,1	199,958	\$	3,047,269	\$ 1,281,199	\$	-	\$ 1,281,199
2037	\$ 822,896	\$ 1,660,765	\$ 2,483,661	\$	195,862	\$ 361,655	\$	557,517	\$ 62	27,034	\$ 1,299,110	\$ 1,926,144	\$	2,399	\$	947	\$	3,346	\$	1,926,257	\$ 1,3	327,376	\$	3,253,633	\$ 1,333,323	\$	-	\$ 1,333,323
2038	\$ 715,996	\$ 1,851,780	\$ 2,567,776	\$	170,083	\$ 403,115	\$	573,198	\$ 54	15,913	\$ 1,448,665	\$ 1,994,578	\$	2,434	\$	1,043	\$	3,477	\$	1,994,295	\$ 1,4	480,172	\$	3,474,467	\$ 1,405,784	\$	-	\$ 1,405,784
2039	\$ 654,553	\$ 2,000,859	\$ 2,655,412	\$	157,145	\$ 435,087	\$	592,232	\$ 49	97,408	\$ 1,565,772	\$ 2,063,180	\$	2,418	\$	1,122	\$	3,540	\$	2,110,974	\$ 1,5	599,820	\$	3,710,794	\$ 1,498,132	\$	-	\$ 1,498,132
2040	\$ 624,112	\$ 2,147,570	\$ 2,771,682	\$	150,516	\$ 466,487	\$	617,003	\$ 47	3,596	\$ 1,681,083	\$ 2,154,679	\$	2,426	\$	1,177	\$	3,603	\$	2,246,021	\$ 1,7	717,611	\$	3,963,632	\$ 1,534,917	\$	-	\$ 1,534,917
2041	\$ 591,829	\$ 2,283,750	\$ 2,875,579	\$	142,603	\$ 495,456	\$	638,059	\$ 44	9,226	\$ 1,788,294	\$ 2,237,520	\$	2,433	\$	1,234	\$	3,667	\$	2,407,173	\$ 1,8	327,134	\$	4,234,307	\$ 1,572,622	\$	-	\$ 1,572,622
2042	\$ 534,841	\$ 2,435,906	• 11	\$	128,809	\$ 527,931	\$	656,740	•		\$ 1,907,975	• • • • • •	\$	2,438	\$		\$	3,759	\$			949,419	•	4,524,074	\$ 1,652,610		-	\$ 1,652,610
2043	\$ 463,948	\$ 2,599,219	\$ 3,063,167	\$	112,880	\$ 562,791	\$	675,671	\$ 35	51,068	\$ 2,036,428	\$ 2,387,496	\$	2,442	\$	1,384	\$	3,826	\$	2,753,638	\$ 2,0	080,636	\$	4,834,274	\$ 1,710,663	\$	-	\$ 1,710,663
2044		\$ 2,771,327		\$	97,843	\$ 599,506		697,349	\$ 30		\$ 2,171,821	\$ 2,473,315	\$	<i>,</i> .	\$	, .	\$	3,894	\$		• /		•	5,166,420	\$ 1,752,771		-	\$ 1,752,771
2045	\$ 319,650	\$ 2,926,672	\$ 3,246,322	\$	78,910	\$ 633,143	\$	712,053	\$ 24	10,740	\$ 2,293,529	\$ 2,534,269	\$	2,446	\$	1,545	\$	3,991	\$	3,178,745	\$ 2,3	343,304	\$	5,522,049	\$ 1,825,557	\$	-	\$ 1,825,557
2046	\$ 245,689	\$ 3,104,453	\$ 3,350,142	\$	61,772	\$ 672,564	\$	734,336	\$ 18	3,917	\$ 2,431,889	\$ 2,615,806	\$	2,446	\$	1,645	\$	4,091	\$	3,418,130	\$ 2,4	184,674	\$	5,902,804	\$ 1,870,594	\$	-	\$ 1,870,594
2047	\$ 209,567	\$ 3,260,315	\$ 3,469,882	\$	53,248	\$ 707,244	\$	760,492	\$ 15	6,319	\$ 2,553,071	\$ 2,709,390	\$	2,444	\$	1,720	\$	4,164	\$	3,702,119	\$ 2,6	608,479	\$	6,310,598	\$ 1,936,652	\$	-	\$ 1,936,652
2048	\$ 156,812	\$ 3,411,049	\$ 3,567,861	\$	40,145	\$ 741,039	\$	781,184	\$ 11	6,667	\$ 2,670,010	\$ 2,786,677	\$	2,441	\$	1,827	\$	4,268	\$	4,019,252	\$ 2,7	727,984	\$	6,747,236	\$ 2,018,686	\$	-	\$ 2,018,686
2049	\$ 95,765	\$ 3,576,546	\$ 3,672,311	\$	24,752	\$ 778,298	\$	803,050	\$ 7	1,013	\$ 2,798,248	\$ 2,869,261	\$	2,436	\$	1,939	\$	4,375	\$	4,355,700	\$ 2,8	359,031	\$	7,214,731	\$ 2,068,521	\$	-	\$ 2,068,521
2050	\$ 65,298	\$ 3,735,438	\$ 3,800,736	\$	17,151	\$ 814,013	\$	831,164	\$ 4	18,147	\$ 2,921,425	\$ 2,969,572	\$	2,429	\$	2,023	\$	4,452	\$	4,730,512	\$ 2,9	984,882	\$	7,715,394	\$ 2,119,602	\$	-	\$ 2,119,602
2051	\$ 43,890	\$ 3,879,507	\$ 3,923,397	\$	11,727	\$ 846,525	\$	858,252	\$ 3	82,163	\$ 3,032,982	\$ 3,065,145	\$	2,421	\$	2,142	\$	4,563	\$	5,152,547	\$ 3,0	098,904	\$	8,251,451	\$ 2,171,961	\$	-	\$ 2,171,961
2052	\$ 23,232	\$ 4,033,543	\$ 4,056,775	\$	6,233	\$ 881,411	\$	887,644	\$ 1	6,999	\$ 3,152,132	\$ 3,169,131	\$	2,411	\$	2,266	\$	4,677	\$	5,604,763	\$ 3,2	220,684	\$	8,825,447	\$ 2,383,383	\$	-	\$ 2,383,383
2053	\$ 12,311	\$ 4,182,909	\$ 4,195,220	\$	3,267	\$ 914,780	\$	918,047	\$	9,044	\$ 3,268,129	\$ 3,277,173	\$	2,399	\$	2,360	\$	4,759	\$	6,100,808	\$ 3,3	339,214	\$	9,440,022	\$ 2,480,001	\$	-	\$ 2,480,001
2054	, <i>i</i>	\$ 4,335,665	\$ 4,342,675	\$	1,865	\$ 948,531	\$	950,396	\$	5,145	\$ 3,387,134	\$ 3,392,279	\$	2,384	\$	2,494	\$	4,878	\$	6,637,066	\$ 3,4	460,856	\$	10,097,922	\$ 8,420,551	\$	-	\$ 8,420,551
2055	\$ 3,825	\$ 4,485,030	\$ 4,488,855	\$	1,027	\$ 981,590	\$	982,617	\$	2,798	\$ 3,503,440	\$ 3,506,238	\$	2,367	\$	2,597	\$	4,964	\$	7,222,537	\$ 3,5	579,710	\$	10,802,247	\$ 8,633,608	\$	-	\$ 8,633,608
2056	\$ 2,115	\$ 4,637,087	\$ 4,639,202	\$	571	\$ 1,015,337	\$1	,015,908	\$	1,544	\$ 3,621,750	\$ 3,623,294	\$	2,348	\$	2,740	\$	5,088	\$	7,855,580	\$ 3,7	700,651	\$	11,556,231	\$ 8,851,991	\$	-	\$ 8,851,991
2057		\$ 4,796,383	\$ 4,797,487	\$	299	\$ 1,050,733	\$1	,051,032	\$	805	\$ 3,745,650	\$ 3,746,455	\$	2,326	\$	2,889	\$	5,215	\$	8,535,949	\$ 3,8	327,306	\$	12,363,255	\$ 9,075,834	\$	-	\$ 9,075,834
2058	\$ 456	\$ 4,956,653	\$ 4,957,109	\$	125	\$ 1,086,531	\$1	,086,656	\$	331	\$ 3,870,122	\$ 3,870,453	\$	2,302	\$	3,043	\$	5,345	\$	5,607,565	\$ 3,9	954,549	\$	9,562,114	\$-	\$	-	\$-
2059		\$ 5,123,850		\$	53	\$ 1,123,732			\$	136	\$ 4,000,118		\$	, .	\$	- / -	\$	5,479	\$	'		, .	•	4,089,854	\$-	\$	-	\$-
2060	\$ 98	\$ 5,300,989	\$ 5,301,087	\$	27	\$ 1,162,742	<b>\$</b> 1	,162,769	\$	71			\$	2,246	\$	3,329	\$	5,575	\$	2,318	\$ 4,2	228,599	\$	4,230,917	\$-	\$	-	\$ -
2061	\$ 21	\$ 5,488,604	\$ 5,488,625	\$	6	\$ 1,203,889	<b>\$</b> 1	,203,895	\$	15	\$ 4,284,715	\$ 4,284,730	\$	2,214	\$	3,500	\$	5,714	\$	2,229	\$ 4,3	378,318	\$	4,380,547	\$-	\$	-	\$-
2062	\$-	\$ 5,679,652	\$ 5,679,652	\$	-	\$ 1,245,594	\$1	,245,594	\$	-	\$ 4,434,058	\$ 4,434,058	\$	2,179	\$	3,678	\$	5,857	\$	2,180	\$ 4,5	530,979	\$	4,533,159	\$-	\$	-	\$-
2063	\$ -	\$ 5,879,888		\$		\$ 1,289,231		,289,231	\$	-	\$ 4,590,657	\$ 4,590,657	\$	2,140	\$	- ,	\$	5,959	\$	, .		691,012	•	4,693,152	\$-	\$	-	\$-
2064	\$-	\$ 6,088,585	\$ 6,088,585	\$	-	\$ 1,334,592	<b>\$</b> 1	,334,592	\$	-	\$ 4,753,993	\$ 4,753,993	\$	2,098	\$	4,010	\$	6,108	\$	2,098	\$ 4,8	357,974	\$	4,860,072	\$ -	\$	-	\$-



Projection of Pension Plan's Fiduciary Net Position

		Actua	rial Accrued Liability (B	OY)	)	Closed Group Asset Projection											
Fiscal Year	Cı	urrent Members	Future Members		Total Members	Fiduciary Net Position (BOY)		Funded Ratio (BOY)		Projected EEC Contributions (MOY)	Pro	ojected ER Contrib + Premium Tax (MOY)		Projected BP (MOY)	Projected Admin Expenses (MOY)	Proje	ected Investment Earnings
2024	\$	83,401,930 \$	; -	\$	83,401,930	\$	16,967,721	20.34%	\$	443,758	\$	2,138,796	\$	2,699,656	\$ 10,218	\$	1,515,616
2025	\$	86,203,408 \$	-	\$	86,203,408	\$	18,356,017	21.29%	\$	442,386	\$	2,236,046	\$	3,383,697	\$ 2,349	\$	765,250
2026	\$	88,330,039 \$	126,549	\$	88,456,588	\$	18,413,653	20.85%	\$	427,335	\$	2,258,498	\$	3,502,623	\$ 2,333	\$	765,355
2027	\$	90,353,636 \$	361,703	\$	90,715,339	\$	18,359,885	20.32%	\$	407,664	\$	2,311,626	\$	3,639,649	\$ 2,334	\$	760,892
2028	\$	92,226,333 \$	721,786	\$	92,948,119	\$	18,198,084	19.73%	\$	388,243	\$	2,454,075	\$	3,775,310	\$ 2,353	\$	753,749
2029	\$	93,947,707 \$	1,217,800	\$	95,165,507	\$	18,016,488	19.18%	\$	375,675	\$	2,505,817	\$	3,873,815	\$ 2,331	\$	744,784
2030	\$	95,582,283 \$	1,847,907	\$	97,430,190	\$	17,766,619	18.59%	\$	355,729	\$	2,581,983	\$	4,074,669	\$ 2,348	\$	731,123
2031	\$	96,999,194 \$	2,601,181	\$	99,600,375	\$	17,358,437	17.90%	\$	331,845	\$	2,630,210	\$	4,232,234	\$ 2,364	\$	710,973
2032	\$	98,218,172 \$	3,526,076	\$	101,744,248	\$	16,796,867	17.10%	\$	319,324	\$	2,716,502	\$	4,318,735	\$ 2,358	\$	686,839
2033	\$	99,343,030 \$	4,602,820	\$	103,945,850	\$	16,198,439	16.31%	\$	306,049	\$	2,812,799	\$	4,413,985	\$ 2,373	\$	661,148
2034	\$	100,357,604 \$	5,831,426	\$	106,189,030	\$	15,562,078	15.51%	\$	286,619	\$	2,914,467	\$	4,582,146	\$ 2,364	\$	632,296
2035	\$	101,160,877 \$	7,230,024	\$	108,390,901	\$	14,810,950	14.64%	\$	260,067	\$	3,008,650	\$	4,781,497	\$ 2,400	\$	597,603
2036	\$	101,683,465 \$	8,822,752	\$	110,506,217	\$	13,893,372	13.66%	\$	232,481	\$	3,128,510	\$	4,996,746	\$ 2,412	\$	556,020
2037	\$	101,894,391 \$	10,635,018	\$	112,529,409	\$	12,811,226	12.57%	\$	199,981	\$	3,259,580	\$	5,255,039	\$ 2,399	\$	506,670
2038	\$	101,717,225 \$	12,669,531	\$	114,386,756	\$	11,520,019	11.33%	\$	173,660	\$	3,400,079	\$	5,414,333	\$ 2,434	\$	450,844
2039	\$	101,258,442 \$	14,967,298	\$	116,225,740	\$	10,127,835	10.00%	\$	160,450	\$	3,609,106	\$	5,473,443	\$ 2,418	\$	394,551
2040	\$	100,655,754 \$	17,495,271	\$	118,151,025	\$	8,816,081	8.76%	\$	153,681	\$	3,780,938	\$	5,482,832	\$ 2,426	\$	342,075
2041	\$	99,986,130 \$	20,260,773	\$	120,246,903	\$	7,607,517	7.61%	\$	145,602	\$	3,979,795	\$	5,517,481	\$ 2,433	\$	293,994
2042	\$	99,219,015 \$	23,262,319	\$	122,481,334	\$	6,506,994	6.56%	\$	131,518	\$	4,227,265	\$	5,588,800	\$ 2,438	\$	250,630
2043	\$	98,287,069 \$	26,524,121	\$	124,811,190	\$	5,525,169	5.62%	\$	115,254	\$	4,464,301	\$	5,658,070	\$ 2,442	\$	212,088
2044	\$	97,170,882 \$	30,068,894	\$	127,239,776	\$	4,656,300	4.79%	\$	99,901	\$	4,700,250	\$	5,735,674	\$ 2,445	\$	178,168
2045	\$	95,860,664 \$	33,915,904	\$	129,776,568	\$	3,896,500	4.06%	\$	80,569	\$	5,004,302	\$	5,842,060	\$ 2,446	\$	149,627
2046	\$	94,303,065 \$	38,041,282	\$	132,344,347	\$	3,286,492	3.49%	\$	63,071	\$	5,288,724	\$	5,908,578	\$ 2,446	\$	127,916
2047	\$	92,534,247 \$	42,450,586	\$	134,984,833	\$	2,855,179	3.09%	\$	54,368	\$	5,638,771	\$	5,909,500	\$ 2,444	\$	116,744
2048	\$	90,651,656 \$	47,122,922	\$	137,774,578	\$	2,753,118	3.04%	\$	40,989	\$	6,037,938	\$	5,961,904	\$ 2,441	\$	119,417
2049	\$	88,580,552 \$	52,051,702	\$	140,632,254	\$	2,987,116	3.37%	\$	25,273	\$	6,424,221	\$	6,007,207	\$ 2,436	\$	136,202
2050	\$	86,311,529 \$	57,231,271	\$	143,542,800	\$	3,563,169	4.13%	\$	17,512	\$	6,850,114	\$	5,979,633	\$ 2,429	\$	170,057
2051	\$	83,942,464 \$	62,642,462	\$	146,584,926	\$	4,618,790	5.50%	\$	11,974	\$	7,324,508	\$	5,940,349	\$ 2,421	\$	225,607
2052	\$	81,490,506 \$	68,269,167	\$	149,759,673	\$	6,238,109	7.66%	\$	6,364	\$	7,988,146	\$	5,892,982	\$ 2,411	\$	309,262
2053	\$	78,961,167 \$	74,113,583	\$	153,074,750	\$	8,646,488	10.95%	\$	3,336	\$	8,580,809	\$	5,817,302	\$ 2,399	\$	425,609
2054	\$	76,390,217 \$	80,152,925	\$	156,543,142	\$	11,836,541	15.49%	\$	1,904	\$	15,057,617	\$	5,725,534	\$ 2,384	\$	699,286
2055	\$	73,798,174 \$	86,381,626	\$	160,179,800	\$	21,867,430	29.63%	\$	1,049	\$	15,856,145	\$	5,625,298	\$ 2,367	\$	1,144,481
2056	\$	71,194,992 \$	92,784,217	\$	163,979,209	\$	33,241,440	46.69%	\$	583	\$	16,707,571	\$	5,518,011	\$ 2,348	\$	1,648,028
2057	\$	68,588,935 \$	99,349,656	\$	167,938,591	\$	46,077,262	67.18%	\$	305	\$	17,611,783	\$	5,404,959	\$ 2,326	\$	2,214,937
2058	\$	65,986,496 \$	106,083,892	\$	172,070,388	\$	60,497,002	91.68%	\$	128	\$	5,607,565	\$	5,286,722	\$ 2,302	\$	2,577,824
2059	\$	63,393,502 \$	112,983,387	\$	176,376,889	\$	63,393,495	100.00%	\$	54	\$	2,414	\$	5,163,170	\$ 2,275	\$	2,585,652
2060	\$	60,816,177 \$	120,041,814	\$	180,857,991	\$	60,816,170	100.00%	\$	28	\$	2,318	\$	5,034,792	\$ 2,246	\$	2,478,813
2061	\$	58,260,299 \$	127,270,450	\$	185,530,749	\$	58,260,291	100.00%	\$	6	\$	2,229	\$	4,901,873	\$ 2,214	\$	2,372,982
2062	\$	55,731,430 \$	134,686,483	\$	190,417,913	\$	55,731,421	100.00%	\$	-	\$	2,180	\$	4,764,574	\$ 2,179	\$	2,268,392
2063	\$	53,235,248 \$	142,290,178	\$	195,525,426	\$	53,235,240	100.00%	\$	-	\$	2,140	\$	4,623,272	\$ 2,140	\$	2,165,275
2064	\$	50,777,252 \$	150,088,420	\$	200,865,672	\$	50,777,243	100.00%	\$	-	\$	2,098	\$	4,478,197	\$ 2,098	\$	2,063,861



Projection of Pension Plan's Fiduciary Net Position

	Calculation of Single Equivalent Discount Rate (DR)												
		"Funded" Portion		"Unfunded" Portion		Present Value of		Present Value of		Present Value of Benefit Payments			
Fiscal Year		of Benefit Payments		of Benefit Payments		"Funded" Portion of Benefit Payments		"Unfunded" Portion of Benefit Payments		Benefit Payments Using a Single DR			
2024	\$	2,699,656	\$	-	\$	2,644,054	\$	-	\$	2,644,924			
2025	\$	3,383,697	\$	-	\$	3,178,904	\$	-	\$	3,182,041			
2026	\$	3,502,623	\$	-	\$	3,156,481	\$	-	\$	3,161,675			
2027	\$	3,639,649	\$	-	\$	3,146,250	\$	-	\$	3,153,500			
2028	\$	3,775,310	\$	-	\$	3,130,476	\$	-	\$	3,139,753			
2029	\$	3,873,815	\$	-	\$	3,081,205	\$	-	\$	3,092,369			
2030	\$	4,074,669	\$	-	\$	3,108,837	\$	-	\$	3,122,154			
2031	\$	4,232,234	\$	-	\$	3,097,414	\$	-	\$	3,112,728			
2032	\$	4,318,735	\$	-	\$	3,031,866	\$	-	\$	3,048,861			
2033	\$	4,413,985	\$	-	\$	2,972,407	\$	-	\$	2,991,035			
2034	\$	4,582,146	\$	-	\$	2,959,854	\$	-	\$	2,980,362			
2035	\$	4,781,497	\$	-	\$	2,962,710	\$	-	\$	2,985,201			
2036	\$	4,996,746	\$	-	\$	2,969,863	\$	-	\$	2,994,377			
2037	\$	5,255,039	\$	-	\$	2,996,050	\$	-	\$	3,022,767			
2038	\$	5,414,333	\$	-	\$	2,961,025	\$	-	\$	2,989,395			
2039	\$	5,473,443	\$	-	\$	2,871,320	\$	-	\$	2,900,738			
2040	\$	5,482,832	\$	-	\$	2,758,988	\$	-	\$	2,789,089			
2041	\$	5,517,481	\$	-	\$	2,663,236	\$	-	\$	2,694,063			
2042	\$	5,588,800	\$	-	\$	2,587,685	\$	-	\$	2,619,359			
2043	\$	-	\$	5,658,070	\$	-	\$	2,648,265	\$	2,545,390			
2044	\$	-	\$	5,735,674	\$	-	\$	2,582,079	\$	2,476,738			
2045	\$	-	\$	5,842,060	\$	-	\$	2,529,549	\$	2,421,425			
2046	\$	-	\$	5,908,578	\$	-	\$	2,460,662	\$	2,350,702			
2047	\$	-	\$	5,909,500	\$	-	\$	2,367,073	\$	2,256,705			
2048	\$	-	\$	5,961,904	\$	-	\$	2,296,878	\$	2,185,338			
2049	\$	-	\$	6,007,207	\$	-	\$	2,225,961	\$	2,113,566			
2050	\$	-	\$	5,979,633	\$	-	\$	2,131,137	\$	2,019,423			
2051	\$	-	\$	5,940,349	\$	-	\$	2,036,295	\$	1,925,636			
2052	\$	5,892,982	\$	-	\$	1,799,564	\$	-	\$	1,833,610			
2053	\$	5,817,302	\$	-	\$	1,704,032	\$	-	\$	1,737,413			
2054	\$	5,725,534	\$	-	\$	1,608,778	\$	-	\$	1,641,372			
2055	\$	5,625,298	\$	-	\$	1,516,176	\$	-	\$	1,547,911			
2056	\$	5,518,011	\$	-	\$	1,426,627	\$	-	\$	1,457,446			
2057	\$	5,404,959	\$	-	\$	1,340,430	\$	-	\$	1,370,288			
2058	\$	5,286,722	\$	-	\$	1,257,657	\$	-	\$	1,286,517			
2059	\$	5,163,170	\$	-	\$	1,178,192	\$	-	\$	1,206,021			
2060	\$	5,034,792	\$	-	\$	1,102,060	\$	-	\$	1,128,833			
2061	\$	4,901,873	\$	-	\$	1,029,223	\$	-	\$	1,054,921			
2062	\$	4,764,574	\$	-	\$	959,612	\$	-	\$	984,218			
2063	\$	4,623,272	\$	-	\$	893,192	\$	-	\$	916,698			
2064	\$	4,478,197	\$	-	\$	829,894	\$	-	\$	852,294			