

# LIMITED PROCEDURES ENGAGEMENT

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## Macungie Borough Police Pension Plan Lehigh County, Pennsylvania For the Period January 1, 2016 to December 31, 2018

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March 2019



Commonwealth of Pennsylvania  
Department of the Auditor General

Eugene A. DePasquale • Auditor General



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EUGENE A. DePASQUALE  
AUDITOR GENERAL

The Honorable Mayor and Borough Council  
Macungie Borough  
Lehigh County  
Macungie, PA 18062

We conducted a Limited Procedures Engagement (LPE) of the Macungie Borough Police Pension Plan for the period January 1, 2016 to December 31, 2018 to determine its compliance with applicable state laws, regulations, contracts, administrative procedures, and local ordinances and policies. We also evaluated compliance with some requirements subsequent to that period when possible. The LPE was conducted pursuant to authority derived from Section 402(j) of the Municipal Pension Plan Funding Standard and Recovery Act (P.L. 1005, No. 205, as amended, 53 P.S. § 895.101 et seq.) but was not conducted in accordance with *Government Auditing Standards* issued by the Comptroller General of the United States. The act established mandatory actuarial reporting and funding requirements and a uniform basis for the distribution of state aid to Pennsylvania's public pension plans. We believe that the evidence obtained provides a reasonable basis to support our LPE results.

Our LPE was limited to determining the following:

- Whether state aid was properly determined and deposited in accordance with Act 205 requirements by verifying the annual deposit date of state aid and determining whether deposits were made within 30 days of receipt for all years within the engagement period.
- Whether annual employer contributions were calculated and deposited in accordance with the plan's governing document and applicable laws and regulations by examining the municipality's calculation of the plan's annual financial requirements and minimum municipal obligation (MMO) and comparing these calculated amounts to amounts actually budgeted and deposited into the pension plan as evidenced by supporting documentation.
- Whether annual employee contributions were required during the engagement period and, if so, were calculated, deducted, and deposited into the pension plan in accordance with the plan's governing document and applicable laws and regulations by testing total members' contributions on an annual basis using the rates obtained from the plan's governing document in effect for all years within the engagement period and examining documents evidencing the deposit of these employee contributions into the pension plan.

- Whether the January 1, 2015 and January 1, 2017 actuarial valuation reports were prepared and submitted by March 31, 2016 and 2018, respectively, in accordance with Act 205 and whether selected information provided on these reports is accurate, complete, and in accordance with plan provisions to ensure compliance for participation in the state aid program by comparing selected information to supporting source documentation.
- We determined whether provisions of the Deferred Retirement Option Plan (DROP) were in accordance with the provisions of Act 205 by examining provisions stated in the plan's governing documents.

Based on the results of our procedures performed during our LPE, nothing came to our attention indicating that the Macungie Borough Police Pension Plan was not being administered in compliance with applicable state laws, regulations, contracts, administrative procedures, and local ordinances and policies.

Our determination to perform a LPE for this engagement period does not preclude the Department from conducting an audit in accordance with *Government Auditing Standards* of the pension plan in subsequent periods. The borough should continue to maintain documentation related to this pension plan.

The accompanying supplementary information is presented for purposes of additional analysis. We did not audit the information or conclude on it and, accordingly, express no form of assurance on it.

The contents of this report were discussed with officials of Macungie Borough and, where appropriate, their responses have been included in this report. We would like to thank borough officials for the cooperation extended to us during the conduct of this LPE.

March 19, 2019



EUGENE A. DEPASQUALE  
Auditor General

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MACUNGIE BOROUGH POLICE PENSION PLAN  
SUPPLEMENTARY INFORMATION  
(UNAUDITED)

The supplementary information contained on Pages 1 through 4 reflects the implementation of GASB Statement No. 67, *Financial Reporting for Pension Plans*. The objective of this statement is to improve financial reporting by state and local governmental pension plans

SCHEDULE OF CHANGES IN THE NET PENSION  
LIABILITY AND RELATED RATIOS  
FOR THE YEARS ENDED DECEMBER 31, 2014, 2015, AND 2016

	<u>2014</u>	<u>2015</u>	<u>2016</u>
Total Pension Liability			
Service cost	\$ 52,834	\$ 56,495	\$ 59,320
Interest	69,998	77,555	84,421
Difference between expected and actual experience	-	17,232	-
Benefit payments, including refunds of member contributions	(39,499)	(39,499)	(44,150)
Net Change in Total Pension Liability	83,333	111,783	99,591
Total Pension Liability – Beginning	932,068	1,015,401	1,127,184
Total Pension Liability – Ending (a)	<u>\$ 1,015,401</u>	<u>\$ 1,127,184</u>	<u>\$ 1,226,775</u>
Plan Fiduciary Net Position			
Contributions – Employer	\$ 70,974	\$ 65,561	\$ 24,471
Contributions – State Aid	-	-	43,747
Contributions – Member	9,678	10,172	9,485
Net investment income	42,896	(6,415)	43,065
Benefit payments, including refunds of member contributions	(39,499)	(39,499)	(44,150)
Administrative expense	(1,788)	(12,978)	(10,059)
Net Change in Plan Fiduciary Net Position	82,261	16,841	66,559
Plan Fiduciary Net Position – Beginning	818,106	900,367	917,208
Plan Fiduciary Net Position – Ending (b)	<u>\$ 900,367</u>	<u>\$ 917,208</u>	<u>\$ 983,767</u>
Net Pension Liability – Ending (a-b)	<u>\$ 115,034</u>	<u>\$ 209,976</u>	<u>\$ 243,008</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	88.7%	81.4%	80.2%
Estimated Covered Employee Payroll	\$ 337,529	\$ 338,936	\$ 322,632
Net Pension Liability as a Percentage of Covered Employee Payroll	34.1%	62.0%	75.3%

MACUNGIE BOROUGH POLICE PENSION PLAN  
SUPPLEMENTARY INFORMATION  
(UNAUDITED)

SCHEDULE OF CHANGES IN THE NET PENSION  
LIABILITY AND RELATED RATIOS  
FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2018

	<u>2017</u>	<u>2018</u>
Total Pension Liability		
Service cost	\$ 52,088	\$ 54,692
Interest	81,936	88,978
Difference between expected and actual experience	(128,955)	-
Benefit payments, including refunds of member contributions	(39,499)	(39,499)
Net Change in Total Pension Liability	(34,430)	104,171
Total Pension Liability – Beginning	1,226,775	1,192,345
Total Pension Liability – Ending (a)	<u>\$ 1,192,345</u>	<u>\$ 1,296,516</u>
Plan Fiduciary Net Position		
Contributions – Employer	\$ 31,078	\$ 14,419
Contribution – State Aid	36,706	46,094
Contributions – Member	8,210	7,564
Net investment income	129,019	(55,033)
Benefit payments, including refunds of member contributions	(39,499)	(39,499)
Administrative expense	(12,397)	(9,454)
Net Change in Plan Fiduciary Net Position	153,117	(35,909)
Plan Fiduciary Net Position – Beginning	983,767	1,136,884
Plan Fiduciary Net Position – Ending (b)	<u>\$ 1,136,884</u>	<u>\$ 1,100,975</u>
Net Pension Liability – Ending (a-b)	<u>\$ 55,461</u>	<u>\$ 195,541</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	95.3%	84.9%
Estimated Covered Employee Payroll	\$ 295,552	\$ 292,000
Net Pension Liability as a Percentage of Covered Employee Payroll	18.8%	67.0%

MACUNGIE BOROUGH POLICE PENSION PLAN  
SUPPLEMENTARY INFORMATION  
(UNAUDITED)

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

The following presents the net pension liability of the borough as of December 31, 2014, 2015, 2016, 2017 and 2018, calculated using the discount rate of 7.25%, as well as what the borough's net pension liability 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 (6.25%)	Current Discount Rate (7.25%)	1% Increase (8.25%)
Net Pension Liability – 12/31/14	\$ 250,913	\$ 115,034	\$ 347
Net Pension Liability – 12/31/15	\$ 361,130	\$ 209,976	\$ 82,227
Net Pension Liability – 12/31/16	\$ 406,294	\$ 243,008	\$ 104,773
Net Pension Liability – 12/31/17	\$ 212,694	\$ 55,461	\$ (77,636)
Net Pension Liability – 12/31/18	\$ 364,148	\$ 195,541	\$ 52,610

SCHEDULE OF CONTRIBUTIONS

Year Ended December 31	Actuarially Determined Contribution	Actual Contributions	Contribution Deficiency (Excess)	Covered- Employee Payroll	Contributions as a Percentage of Covered- Employee Payroll
2014	\$ 70,974	\$ 70,974	\$ -	\$ 337,529	21.03%
2015	65,561	65,561	-	338,936	19.34%
2016	68,218	68,218	-	322,632	21.14%
2017	67,784	67,784	-	295,552	22.93%
2018	60,513	60,513	-	292,000	20.72%

MACUNGIE BOROUGH POLICE PENSION PLAN  
SUPPLEMENTARY INFORMATION  
(UNAUDITED)

SCHEDULE OF INVESTMENT RETURNS

Annual Money-Weighted Rate of Return, Net of Investment Expense:

2014	6.16%
2015	(0.72%)
2016	4.70%
2017	13.11%
2018	(4.84%)



MACUNGIE BOROUGH POLICE PENSION PLAN  
SUPPLEMENTARY INFORMATION  
(UNAUDITED)

SCHEDULE OF FUNDING PROGRESS

Historical trend information about the plan is presented herewith as supplementary information. It is intended to help users assess the plan's funding status on a going-concern basis, assess progress made in accumulating assets to pay benefits when due, and make comparisons with other state and local government retirement systems.

The actuarial information is required by Act 205 biennially. The historical information, beginning as of January 1, 2013, is as follows:

	(1)	(2)	(3)	(4)
Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) - Entry Age (b)	Unfunded (Assets in Excess of) Actuarial Accrued Liability (b) - (a)	Funded Ratio (a)/(b)
01-01-13	\$ 715,386	\$ 856,884	\$ 141,498	83.5%
01-01-15	877,232	1,032,633	155,401	85.0%
01-01-17	1,046,647	1,097,820	51,173	95.3%

Note: The market value of the plan's assets at 01-01-13, 01-01-15, and 01-01-17 have been adjusted to reflect the smoothing of gains and/or losses over a 4-year averaging period. This method will lower contributions in years of less than expected returns and increase contributions in years of greater than expected returns. The net effect over long periods of time is to have less variance in contribution levels from year to year.

MACUNGIE BOROUGH POLICE PENSION PLAN  
SUPPLEMENTARY INFORMATION  
(UNAUDITED)

The comparability of trend information is affected by changes in actuarial assumptions, benefit provisions, actuarial funding methods, accounting policies, and other changes. Those changes usually affect trends in contribution requirements and in ratios that use the actuarial accrued liability as a factor.

Analysis of the dollar amount of the actuarial value of assets, actuarial accrued liability, and unfunded (assets in excess of) actuarial accrued liability in isolation can be misleading. Expressing the actuarial value of assets as a percentage of the actuarial accrued liability (Column 4) provides one indication of the plan's funding status on a going-concern basis. Analysis of this percentage, over time, indicates whether the system is becoming financially stronger or weaker. Generally, the greater this percentage, the stronger the plan.

MACUNGIE BOROUGH POLICE PENSION PLAN  
SUPPLEMENTARY INFORMATION  
NOTES TO SUPPLEMENTARY SCHEDULES  
(UNAUDITED)

The information presented in the supplementary schedules was determined as part of the actuarial valuation at the date indicated. Additional information as of the latest actuarial valuation date follows:

Actuarial valuation date	January 1, 2017
Actuarial cost method	Entry age normal
Amortization method	Level dollar
Remaining amortization period	12 years
Asset valuation method	Plan Assets are valued using the method described in Section 210 of Act 205, as amended, subject to a corridor between 80-120% of the market value of assets.
Actuarial assumptions:	
Investment rate of return	7.25%
Projected salary increases	5.00%

MACUNGIE BOROUGH POLICE PENSION PLAN  
REPORT DISTRIBUTION LIST

This report was initially distributed to the following:

**The Honorable Tom W. Wolf**  
Governor  
Commonwealth of Pennsylvania

**The Honorable Ronald Conrad**  
Mayor

**Mr. Chris Becker**  
Council President

**Ms. Chris L. Boehm**  
Borough Manager

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