

COMPLIANCE AUDIT

Shade Township Police Pension Plan Somerset County, Pennsylvania For the Period January 1, 2017 to December 31, 2018

February 2020



Commonwealth of Pennsylvania
Department of the Auditor General

Eugene A. DePasquale • Auditor General



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EUGENE A. DePASQUALE
AUDITOR GENERAL

Board of Township Supervisors
Shade Township
Somerset County
Carinbrook, PA 15924

We have conducted a compliance audit of the Shade Township Police Pension Plan for the period January 1, 2017 to December 31, 2018. We also evaluated compliance with some requirements subsequent to that period when possible. The audit was conducted pursuant to authority derived from Section 402(j) of Act 205 and in accordance with the standards applicable to performance audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain sufficient, appropriate evidence to provide a reasonable basis for our conclusions based on our audit objective. We believe that the evidence obtained provides a reasonable basis for our conclusions based on our audit objective.

The objective of the audit was to determine if the pension plan was administered in compliance with applicable state laws, regulations, contracts, administrative procedures, and local ordinances and policies.

Our audit was limited to the areas related to the objective identified above. To determine whether the pension plan was administered in compliance with applicable state laws, regulations, contracts, administrative procedures, and local ordinances and policies, our methodology included the following:

- We determined 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 period under audit.
- We determined 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.

- We determined that there were no employee contributions required by the plan's governing document and applicable laws and regulations for the years covered by our audit period.
- We determined that there were no benefit calculations prepared for the years covered by our audit period.
- We determined whether the January 1, 2017 actuarial valuation report was prepared and submitted in accordance with Act 205 and whether selected information provided on this report 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 the terms of the contractual agreement with the Pennsylvania Municipal Retirement System were in accordance with the plan's governing document, if separately stated, and applicable laws and regulations by comparing the terms of the contractual agreement with the plan's governing document, if separately stated, and applicable laws and regulations.

The Shade Township Police Pension Plan participates in the Pennsylvania Municipal Retirement System (PMRS), which is an agent multiple-employer public employee retirement system that acts as a common investment and administrative agent for participating municipal pension plans. PMRS issues a separate Comprehensive Annual Financial Report, copies of which are available from the PMRS accounting office. PMRS's financial statements were not audited by us and, accordingly, we express no opinion or other form of assurance on them.

Township officials are responsible for establishing and maintaining effective internal controls to provide reasonable assurance that the Shade Township Police Pension Plan is administered in compliance with applicable state laws, regulations, contracts, administrative procedures, and local ordinances and policies. In conducting our audit, we obtained an understanding of the township's internal controls as they relate to the township's compliance with those requirements and that we considered to be significant within the context of our audit objective, and assessed whether those significant controls were properly designed and implemented. Additionally and as previously described, we tested transactions, assessed official actions, performed analytical procedures, and interviewed selected officials to provide reasonable assurance of detecting instances of noncompliance with legal and regulatory requirements or noncompliance with provisions of contracts, administrative procedures, and local ordinances and policies that are significant within the context of the audit objective.

The results of our procedures indicated that, in all significant respects, the Shade Township Police Pension Plan was administered in compliance with applicable state laws, regulations, contracts, administrative procedures, and local ordinances and policies.

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 Shade Township and, where appropriate, their responses have been included in the report. We would like to thank township officials for the cooperation extended to us during the conduct of the audit.

February 14, 2020

A handwritten signature in black ink, appearing to read "Eugene A. DePasquale". The signature is fluid and cursive, with a long horizontal stroke at the end.

EUGENE A. DEPASQUALE
Auditor General

CONTENTS

	<u>Page</u>
Background.....	1
Supplementary Information	3
Report Distribution List	9

BACKGROUND

On December 18, 1984, the Pennsylvania Legislature adopted the Municipal Pension Plan Funding Standard and Recovery Act (P.L. 1005, No. 205, as amended, 53 P.S. § 895.101 et seq.). 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. Section 402(j) of Act 205 specifically requires the Auditor General, as deemed necessary, to make an audit of every municipality which receives general municipal pension system state aid and of every municipal pension plan and fund in which general municipal pension system state aid is deposited.

Annual state aid allocations are provided from a 2 percent foreign (out-of-state) casualty insurance premium tax, a portion of the foreign (out-of-state) fire insurance tax designated for paid firefighters and any investment income earned on the collection of these taxes. Generally, municipal pension plans established prior to December 18, 1984, are eligible for state aid. For municipal pension plans established after that date, the sponsoring municipality must fund the plan for three plan years before it becomes eligible for state aid. In accordance with Act 205, a municipality's annual state aid allocation cannot exceed its actual pension costs.

In addition to Act 205, the Shade Township Police Pension Plan is also governed by implementing regulations adopted by the former Public Employee Retirement Commission published at Title 16, Part IV of the Pennsylvania Code and applicable provisions of various other state statutes including, but not limited to, the following:

Act 15 - Pennsylvania Municipal Retirement Law, Act of February 1, 1974
(P.L. 34, No. 15), as amended, 53 P.S. § 881.101 et seq.

The Shade Township Police Pension Plan is a single-employer defined benefit pension plan locally controlled by the provisions of Ordinance No. 85, adopted pursuant to Act 15. The plan is also affected by the provisions of collective bargaining agreements between the township and its police officers. The plan was established October 1, 1982. Active members are not required to contribute to the plan. As of December 31, 2018, the plan had no active members, no terminated members eligible for vested benefits in the future, and 2 retirees receiving pension benefits retirees receiving benefits funded through annuities purchased with plan assets.

BACKGROUND – (Continued)

As of December 31, 2018, selected plan benefit provisions are as follows:

Eligibility Requirements:

Normal Retirement	Available upon attainment of age 50 with 6 years of credited service.
Early Retirement	None
Vesting	100% vesting available after 6 years of service.

Retirement Benefit:

Benefit equals 2.0% times credited service times Final Average Salary (FAS) but in no event is the basic benefit greater than 50% of FAS. FAS based upon final 3 years annualized salary.

Survivor Benefit:

If eligible to retire at the time of death, beneficiary receives present value of accrued benefit. At retirement, member may select a survivor benefit.

Disability Benefit:

Service Related	A 100% disability benefit is provided to a member who is unable to perform gainful employment regardless of age or service, offset by available Workers' Compensation benefits.
Non-service Related	A 50% disability benefit is provided to a member who has at least 10 years of service and who is unable to perform gainful employment.

SHADE TOWNSHIP POLICE PENSION PLAN
SUPPLEMENTARY INFORMATION
(UNAUDITED)

The supplementary information contained on Pages 3 through 5 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, 2016, 2017, AND 2018

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
Total Pension Liability					
Service cost	\$ -	\$ -	\$ -	\$ -	\$ 5,539
Interest	11,369	11,878	12,597	12,833	13,367
Difference between expected and actual experience	2,571	-	1,926	-	(15,803)
Changes of assumptions	-	-	4,264	984	-
Benefit payments, including refunds of member contributions	<u>(21,571)</u>	<u>(21,571)</u>	<u>(21,571)</u>	<u>(14,740)</u>	<u>(20)</u>
Net Change in Total Pension Liability	(7,631)	(9,693)	(2,784)	(923)	3,083
Total Pension Liability - Beginning	<u>227,194</u>	<u>236,887</u>	<u>239,671</u>	<u>240,594</u>	<u>237,511</u>
Total Pension Liability - Ending (a)	<u><u>\$ 219,563</u></u>	<u><u>\$ 227,194</u></u>	<u><u>\$ 236,887</u></u>	<u><u>\$ 239,671</u></u>	<u><u>\$ 240,594</u></u>
Plan Fiduciary Net Position					
Contributions - employer*	\$ -	\$ -	\$ -	\$ -	\$ 20
PMRS investment income	15,111	15,379	16,301	11,169	6,877
Market value investment income	(14,185)	34,476	9,586	(18,007)	(1,155)
Benefit payments, including refunds of member contributions	(21,571)	(21,571)	(21,571)	(14,740)	(20)
PMRS administrative expense	(20)	(20)	(20)	(20)	(20)
Additional administrative expense	<u>(674)</u>	<u>(707)</u>	<u>(799)</u>	<u>(466)</u>	<u>(264)</u>
Net Change in Plan Fiduciary Net Position	(21,339)	27,557	3,497	(22,064)	5,438
Plan Fiduciary Net Position - Beginning	<u>316,159</u>	<u>288,602</u>	<u>285,105</u>	<u>307,169</u>	<u>301,731</u>
Plan Fiduciary Net Position - Ending (b)	<u><u>\$ 294,820</u></u>	<u><u>\$ 316,159</u></u>	<u><u>\$ 288,602</u></u>	<u><u>\$ 285,105</u></u>	<u><u>\$ 307,169</u></u>
Net Pension Liability - Ending (a-b)	<u><u>\$ (75,257)</u></u>	<u><u>\$ (88,965)</u></u>	<u><u>\$ (51,715)</u></u>	<u><u>\$ (45,434)</u></u>	<u><u>\$ (66,575)</u></u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	134.28%	139.16%	121.83%	118.96%	127.67%
Estimated Covered Employee Payroll	\$ -	\$ -	\$ -	\$ 31,112	\$ 48,256
Net Pension Liability as a Percentage of Covered Employee Payroll	N/A	N/A	N/A	(146.03%)	(137.96%)

*2014 Employer contributions consist of administrative expenses paid from actuarial surplus.

SHADE TOWNSHIP 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 township as of December 31, 2014 and 2015, calculated using the discount rate of 5.5%, as well as what the township'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 (4.5%)	Current Discount Rate (5.5%)	1% Increase (6.5%)
Net Pension Liability - 12/31/14	\$ (61,904)	\$ (66,575)	\$ (70,688)
Net Pension Liability - 12/31/15	\$ (42,747)	\$ (45,434)	\$ (47,599)

In addition, the following presents the net pension liability of the township as of December 31, 2016, 2017, and 2018, calculated using the discount rate of 5.25%, as well as what the township'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 (4.25%)	Current Discount Rate (5.25%)	1% Increase (6.25%)
Net Pension Liability - 12/31/16	\$ (33,195)	\$ (51,715)	\$ (67,990)
Net Pension Liability - 12/31/17	\$ (71,203)	\$ (88,965)	\$ (104,574)
Net Pension Liability - 12/31/18	\$ (59,282)	\$ (75,257)	\$ (89,384)

SHADE TOWNSHIP POLICE PENSION PLAN
 SUPPLEMENTARY INFORMATION
 (UNAUDITED)

SCHEDULE OF CONTRIBUTIONS

<u>Year Ended December 31</u>	<u>Actuarially Determined Contribution</u>	<u>Actual Contributions</u>	<u>Contribution Deficiency (Excess)</u>	<u>Covered- Employee Payroll</u>	<u>Contributions as a Percentage of Covered- Employee Payroll</u>
2014	\$ -	\$ 20	\$ (20)	\$ 48,256	0.04%
2015	-	-	-	31,112	0.00%
2016	-	-	-	-	N/A
2017	-	-	-	-	N/A
2018	-	-	-	-	N/A

SHADE TOWNSHIP 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	\$ 298,243	\$ 219,813	\$ (78,430)	135.7%
01-01-15	311,599	240,594	(71,005)	129.5%
01-01-17	314,670	236,887	(77,783)	132.8%

SHADE TOWNSHIP 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.

SHADE TOWNSHIP 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	N/A
Remaining amortization period	N/A
Asset valuation method	The Actuarial Value of Assets equals the plan's member, municipal, DROP (if applicable) reserve accounts plus the retiree actuarial liability. This asset smoothing is based on the unique legislative structure of PMRS and the administrative rules adopted by the PMRS Board in conjunction with Pennsylvania Municipal Retirement Law, all of which are subject to comply with the Actuarial Standards of Practice No. 44, Selection and Use of Asset Valuation Methods when defining the actuarial Value of Assets.
Actuarial assumptions:	
Investment rate of return	5.25%, compounded annually, net of investment and administration expenses
Salary scale	Total rate (including inflation) (e.g. age 25 – 7.05%; age 35 – 4.55%; age 45 – 3.97%; age 55 – 3.44%; age 65 – 2.80%)
Cost-of-living adjustments	2.8% per year, subject to plan limitations

SHADE TOWNSHIP POLICE PENSION PLAN
REPORT DISTRIBUTION LIST

This report was initially distributed to the following:

The Honorable Tom W. Wolf
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Mr. Michael D. Muha
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