

Form 5500-SF

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation

Short Form Annual Return/Report of Small Employee Benefit Plan

This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

Complete all entries in accordance with the instructions to the Form 5500-SF.

OMB Nos. 1210-0110 1210-0089

2024

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

- A This return/report is for: [X] a single-employer plan [] a multiple-employer plan (not multiemployer) (Pension Plan filers checking this box must attach Schedule MEP. Other plans must attach a list of participating employer information in accordance with the form instructions.)
B This return/report is [] the first return/report [] the final return/report [] an amended return/report [] a short plan year return/report (less than 12 months)
C Check box if filing under: [X] Form 5558 [] automatic extension [] DFVC program [] special extension (enter description)
D If the plan is a collectively-bargained plan, check here []
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here []

Part II Basic Plan Information—enter all requested information

1a Name of plan: MIDDLE GEORGIA MUTUAL INSURANCE CO. PENSION PLAN
1b Three-digit plan number (PN): 003
1c Effective date of plan: 09/01/1959
2a Plan sponsor's name (employer, if for a single-employer plan): BUCKEYE STATE MUTUAL INSURANCE COMPANY
2b Employer Identification Number (EIN): 31-6035649
2c Sponsor's telephone number: 937-778-5000
2d Business code (see instructions): 524290
3a Plan administrator's name and address: [X] Same as Plan Sponsor.
3b Administrator's EIN
3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report.
4b EIN
4d PN
5a Total number of participants at the beginning of the plan year: 7
5b Total number of participants at the end of the plan year: 6
5c(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)
5c(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)
5d(1) Total number of active participants at the beginning of the plan year: 0
5d(2) Total number of active participants at the end of the plan year: 0
5e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested: 0

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, Enter name of individual signing as plan administrator. Row 1: LISA WESNER, 10/07/2025. Row 2: Signature of employer/plan sponsor, Date, Enter name of individual signing as employer or plan sponsor.

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) Yes No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) Yes No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? Yes No Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 560645. (See instructions.)

Part III Financial Information			
7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	3008183	2860884
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	3008183	2860884
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	0	
(2) Participants	8a(2)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	104724	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		104724
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	252023	
e Certain deemed and/or corrective distributions (see instructions) .	8e		
f Administrative service providers (salaries, fees, commissions)	8f		
g Other expenses	8g		
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		252023
i Net income (loss) (subtract line 8h from line 8c)	8i		-147299
j Transfers to (from) the plan (see instructions)	8j		

Part IV Plan Characteristics	
9a	If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions: <u>1A 1I</u>
b	If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions				
10 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a		X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		X	
c Was the plan covered by a fidelity bond?	10c	X		750000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d		X	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	10e		X	
f Has the plan failed to provide any benefit when due under the plan?	10f		X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g		X	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h			
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	10i			

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below. Yes No

a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 **11a** 0

b PBGC missed contribution reporting requirements. If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:
 Yes.
 No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.
 No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.
 No. Other. Provide explanation _____

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? Yes No
(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above.

a If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver. Month Day Year

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year **12b**

c Enter the amount contributed by the employer to the plan for this plan year **12c**

d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) **12d**

e Will the minimum funding amount reported on line 12d be met by the funding deadline?..... Yes No N/A

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year? Yes No

a If "Yes," enter the amount of any plan assets that reverted to the employer this year..... **13a** 0

b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? Yes No

c If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

13c(1) Name of plan(s):	13c(2) EIN(s)	13c(3) PN(s)

Part VIII IRS Compliance Questions

14a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? Yes No

14b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).
 Design-based safe harbor method
 "Prior year" ADP test
 "Current year" ADP test
 N/A

15 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter ___/___/___ (MM/DD/YYYY) and the Opinion Letter serial number _____.

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection
---	--	--

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **Round off amounts to nearest dollar.**
 ▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>MIDDLE GEORGIA MUTUAL INSURANCE CO. PENSION PLAN</u>	B Three-digit plan number (PN) ▶	<u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>BUCKEYE STATE MUTUAL INSURANCE COMPANY</u>	D Employer Identification Number (EIN) <u>31-6035649</u>	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

Part I Basic Information

1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2024</u>		
2	Assets:		
	a Market value	2a	<u>3008183</u>
	b Actuarial value	2b	<u>3240575</u>
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	<u>5</u>	<u>3104585</u>
	b For terminated vested participants	<u>2</u>	<u>135941</u>
	c For active participants	<u>0</u>	<u>0</u>
	d Total	<u>7</u>	<u>3240526</u>
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>		
	a Funding target disregarding prescribed at-risk assumptions	4a	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5	Effective interest rate	5	<u>4.98 %</u>
6	Target normal cost		
	a Present value of current plan year accruals	6a	<u>0</u>
	b Expected plan-related expenses	6b	<u>0</u>
	c Target normal cost	6c	<u>0</u>

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE Signature of actuary <u>JAMES W. BUDAI, FSA, EA, MAAA</u> Type or print name of actuary <u>CBIZ BENEFITS & INSURANCE SERVICES</u> Firm name <u>5450 FRANTZ ROAD</u> <u>SUITE 300</u> <u>DUBLIN, OH 43016</u> Address of the firm	<u>10/07/2025</u> Date <u>23-07634</u> Most recent enrollment number <u>614-793-2577</u> Telephone number (including area code)
--	--

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of _____ %		
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		6
b(1)	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.11</u> %		0
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c	Total available at beginning of current plan year to add to prefunding balance		6
d	Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages			
14	Funding target attainment percentage	14	100.00 %
15	Adjusted funding target attainment percentage	15	100.00 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	97.09 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls							
18 Contributions made to the plan for the plan year by employer(s) and employees:							
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees		
			Totals ▶	18(b)	0	18(c)	0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a	Contributions allocated toward unpaid minimum required contributions from prior years	19a 0	
b	Contributions made to avoid restrictions adjusted to valuation date	19b 0	
c	Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 0	
20	Quarterly contributions and liquidity shortfalls:		
a	Did the plan have a "funding shortfall" for the prior year?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
b	If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
c	If line 20a is "Yes," see instructions and complete the following table as applicable:		
Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:	1st segment: 4.75 %	2nd segment: 4.87 %	3rd segment: 5.59 %	<input type="checkbox"/> N/A, full yield curve used
-------------------------	------------------------	------------------------	------------------------	---

b Applicable month (enter code) **21b** 4

22 Weighted average retirement age **22** 65

23 Mortality table(s) (see instructions) Prescribed - combined Prescribed - separate Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment..... Yes No

25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment..... Yes No

26 Demographic and benefit information

a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment..... Yes No

b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment... Yes No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment..... **27**

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6c)	31a	0
b Excess assets, if applicable, but not greater than line 31a	31b	0

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	0	0
b Waiver amortization installment.....	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount..... **33**

34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....	34	0
	Carryover balance	Prefunding balance
35 Balances elected for use to offset funding requirement	0	0
36 Additional cash requirement (line 34 minus line 35)	36	0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36)	38a	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances.....	38b	0

39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0
40 Unpaid minimum required contributions for all years	40	0

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. 2019 2020 2021

SUMMARY OF ASSUMPTIONS

Funding Discount Rates IRS-Prescribed Three-Segment Rates, for the fourth month prior to the valuation date (September).

	<u>Non-Stabilized</u>	<u>Limited to 25-Year Corridor and 5% Floor</u>
Segment 1:	3.62%	4.75%
Segment 2:	4.46%	4.87%
Segment 3:	4.52%	5.59%

The "Limited to 25 Year Corridor and 5% Floor" rates are adjusted by the applicable maximum and applicable minimum percentages of the 25-year average segment rates, and limited to a 5% floor, as set forth in the American Rescue Plan Act of 2021 ('ARPA-21') for use in Minimum Required Contribution calculations. The IRS Maximum Deductible Limit Calculations use the rates from the "Non-Stabilized" column above.

The interest rates used to value the Target Liability for determining the minimum and maximum contributions are prescribed by law and based on elections made by the Plan Sponsor.

Effective Interest Rate The Effective Interest Rate (EIR) for the current Plan Year is 4.98%. For the prior Plan Year, the EIR was 5.11%.

The EIR is the single rate of interest which, if used to determine the Funding Target, would equal the Funding Target determined using the Plan Sponsor's above elected discount rates. The EIR is used to discount contributions for minimum funding requirements and to accumulate excess contributions to the end of the year.

Funding Expected Return on Assets The Expected Return on Assets (EROA) used in the calculation of the Actuarial Value of Assets is the lesser of a) or b), below:

- a) The Plan Sponsor's expected long-term rate of return on assets based on policy trust allocations; or
- b) The third segment rate in the IRS-prescribed three-segment rate assumption, based on the elections made by the Plan Sponsor for minimum funding purposes.

The results are as follows:

Plan Year	Assumption a)	Seg. III b)	EROA (smaller of a or b)
2023	7.50%	5.74%	5.74%
2022	7.50%	5.92%	5.92%

The assumed rate of return used for determination of the actuarial value of assets was selected taking into consideration input from the Plan's asset advisor and publicly available survey information on expected returns by asset class as of January 1, 2024.

Administrative Expenses None assumed.

Rationale: Expenses are not paid from the trust.

Salary Scale Not applicable.

Rationale: The Plan is frozen.

Inflation Not applicable.

Rationale: This assumption affects long-term assumed increases in the Social Security Taxable Wage base and the IRS Compensation Limits. Because the Plan is frozen and there are no benefits over the IRS Compensation Limits, this assumption is not applicable.

Mortality	<p>Healthy Participants - IRS §430(h) Separate Annuitant / Non-Annuitant Generational Mortality Tables for the Current Plan Year. These tables are the Society of Actuaries' (SOA) RP-2014 separate employee and healthy annuitant generational mortality tables, adjusted to 2006, the projected forward using generational projection scale MP-2021, for males and females.</p> <p>Disabled Participants - Not applicable. There are no disabled participants and Disability Incidence is not applicable.</p> <p>The mortality assumptions used to value the Target Liability for determining the minimum and maximum contributions are prescribed by law and based on elections made by the Plan Sponsor.</p>
Withdrawal Rates	<p>Not applicable.</p> <p>Rationale: There are no active participants for which this assumption would apply.</p>
Disability Incidence	<p>Not applicable.</p> <p>Rationale: There are no active participants for which this assumption would apply.</p>
Retirement Rates	<p>Not applicable.</p> <p>Rationale: There are no active participants for which this assumption would apply.</p>
Spousal Assumptions	<p>100% of males and 100% of females are assumed to be married.</p> <p>Females are assumed to be 3 years younger than males.</p> <p>Because the employer does not have enough data to do a fully credible experience analysis with respect to spousal information, the current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, participant composition, as well as discussions with the Plan Sponsor.</p>

Benefit Commencement Age

Normal Retirement Age, or valuation age, if later.

Rationale: Because the employer does not have enough data to do a fully credible experience analysis with respect to Benefit Commencement Age, the current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, participant composition, as well as discussions with the Plan Sponsor.

Form of Payment

All benefits are assumed to be paid in the Normal Form defined under the terms of the Plan.

Rationale: Because the employer does not have enough data to do a fully credible experience analysis with respect to Form of Payment, the current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, participant composition, as well as discussions with the Plan Sponsor.

Changes in funding assumptions since the prior valuation

In accordance with federal law, the discount rates for funding were updated from the discount rates disclosed in the 2023 Actuarial Valuation Report to the discount rates shown herein.

The funding mortality table was changed from the IRS 2023 Optional Combined Mortality Table to the IRS 2024 Optional Combined Mortality Table.

SUMMARY OF METHODS

Minimum Funding Cost Method

The actuarial cost method used to determine the liabilities for minimum funding calculations is the Traditional Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for each participant. The individual accrued liability for a participant is the present value of the accrued benefit as of the valuation date taking into account service and/or pay as of the valuation date. The individual normal cost for a participant is the present value of the benefit expected to accrue in the plan year being valued.

If a plan is frozen, there is no normal cost attributable to benefit accruals.

Maximum Deductible Contribution Method

The actuarial cost method used to determine the liabilities for maximum deductible calculations is the Projected Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue, taking into consideration expected future compensation increases. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for all participant. The individual accrued liability for a participant is the sum of 1) the present value of the accrued benefit earned as of the valuation date taking into account service and/or pay as of the valuation date; plus 2) the present value of the accrued benefit expected to be earned because of any expected future compensation increases.

The individual normal cost for a participant is the sum of the present value of the benefit expected to accrue in the plan year being valued taking into account any expected future compensation increases.

Asset Method

We used financial data submitted by the trustee as of the valuation date without further audit. We have reviewed the information for internal consistency, and we have no reason to doubt its substantial accuracy.

Actuarial Value of Assets For funding purposes, Actuarial Value of Assets is a smoothed market value assets adjusted by the applicable percentage of gain or loss calculated in each year during the smoothing period. The gain or loss is the difference between the current year's market value, and prior year's market value brought forward with contributions, benefit payments, and administrative expenses, all adjusted at the expected interest rate to the valuation date. The expected interest rate for each year is the lesser of the expected rate of return and the third segment rate. The applicable percentage is 66-2/3% for the year preceding the valuation date, and 33-1/3% for the second year preceding the valuation date. The actuarial value of assets will be adjusted to be no greater than 110% and no less than 90% of the current (market) value of assets.

Receivable contributions are discounted back to the valuation date at the prior year's effective interest rate.

Changes in methods since the prior valuation None.

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection
---	--	--

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **Round off amounts to nearest dollar.**
 ▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan MIDDLE GEORGIA MUTUAL INSURANCE CO. PENSION PLAN	B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF BUCKEYE STATE MUTUAL INSURANCE COMPANY	D Employer Identification Number (EIN) 31-6035649	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

Part I	Basic Information		
1	Enter the valuation date:	Month <u>01</u> Day <u>01</u> Year <u>2024</u>	
2	Assets:		
	a Market value	2a	3,008,183
	b Actuarial value	2b	3,240,575
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	5	3,104,585
	b For terminated vested participants	2	135,941
	c For active participants	0	0
	d Total	7	3,240,526
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>		
	a Funding target disregarding prescribed at-risk assumptions	4a	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5	Effective interest rate	5	4.98%
6	Target normal cost		
	a Present value of current plan year accruals	6a	0
	b Expected plan-related expenses	6b	0
	c Target normal cost	6c	0

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	James W. Budai	10/07/2025
	Signature of actuary	Date
	JAMES W. BUDAI, FSA, EA, MAAA	2307634
	Type or print name of actuary	Most recent enrollment number
	CBIZ BENEFITS & INSURANCE SERVICES	614-793-2577
	Firm name	Telephone number (including area code)
	5450 FRANTZ ROAD SUITE 300 DUBLIN OH 43016	
	Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

Part II	Beginning of Year Carryover and Prefunding Balances	
	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	0
10 Interest on line 9 using prior year's actual return of _____%		
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		6
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.11</u> %		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		6
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III	Funding Percentages	
14 Funding target attainment percentage	14	100.00%
15 Adjusted funding target attainment percentage	15	100.00%
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	97.09%
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV	Contributions and Liquidity Shortfalls						
18 Contributions made to the plan for the plan year by employer(s) and employees:							
	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	
Totals ▶				18(b)	0	18(c)	0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:			
a Contributions allocated toward unpaid minimum required contributions from prior years.	19a	0	
b Contributions made to avoid restrictions adjusted to valuation date	19b	0	
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0	
20 Quarterly contributions and liquidity shortfalls:			
a Did the plan have a "funding shortfall" for the prior year?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
c If line 20a is "Yes," see instructions and complete the following table as applicable:			
Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment: 4.75 %	2nd segment: 4.87 %	3rd segment: 5.59%	<input type="checkbox"/> N/A, full yield curve used
------------------------	------------------------	-----------------------	---

b Applicable month (enter code)..... **21b** 4

22 Weighted average retirement age **22** 65

23 Mortality table(s) (see instructions) Prescribed - combined Prescribed - separate Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment..... Yes No

25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. Yes No

26 Demographic and benefit information

a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. Yes No

b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ... Yes No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment..... **27**

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years **28** 0

29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)..... **29** 0

30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29) **30** 0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6c)..... **31a** 0

b Excess assets, if applicable, but not greater than line 31a **31b** 0

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	0	0
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount **33**

34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)..... **34** 0

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0

36 Additional cash requirement (line 34 minus line 35)..... **36** 0

37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)..... **37** 0

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36) **38a** 0

b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances **38b** 0

39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)..... **39** 0

40 Unpaid minimum required contributions for all years **40** 0

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. 2019 2020 2021

SUMMARY OF PRINCIPAL PLAN PROVISIONS

The following is a summary of what we understand to be the most relevant plan provisions for purposes of actuarial valuations. This summary should not be used for purposes of determining plan benefits.

Plan Sponsor	Buckeye State Mutual Insurance Company
Plan Name	Middle Georgia Mutual Insurance Company Pension Plan (Plan)
Plan Effective Date	September 1, 1959. Most recently restated January 1, 2012. Most recently amended April 25, 2012.
Plan Year	January 1 – December 31
Status of the Plan	Frozen
Eligibility Requirements	Employees are included in the Plan on the December 31 coincident with or next following the later of the attainment of age 20 ½ and the completion of six months of service.
Years of Service	One Year upon earning 1,000 Hours of Service.
Vesting	100% upon earning 5 Years of Service.
Compensation	Total W-2 compensation, limited to IRC Section 401(a)(17) Compensation Limits.
Average Monthly Compensation	The monthly Compensation averaged over the five consecutive Plan Years which produce the highest monthly average within the last ten completed years of employment. If a Participant has less than five (5) consecutive Plan Years of Service from date of employment to date of termination, Average Monthly Compensation is based on the monthly Compensation during the actual months of service from date of employment to date of termination.

Accrued Benefit

The sum of (a) plus (b), as follows:

- a) $1.75\% \times \text{Average Monthly Compensation} \times \text{Years of Service}$ (limited to 40 years); plus
- b) $0.49\% \times \text{Average Monthly Compensation in excess of Covered Compensation} \times \text{Years of Service}$ (limited to 35 years).

The benefit is payable as a single life annuity with 60 monthly payments guaranteed.

The Plan was frozen effective December 31, 2010.

Normal Retirement Date

The first day of the month coincident with or next following the later of the attainment of age 65 or the 5th anniversary of plan participation.

Normal Retirement Benefit

The Accrued Benefit payable at Normal Retirement.

Early Retirement

Eligibility: Upon attainment of age 55 and completion of 10 Years of Service.

Benefit: The Accrued Benefit reduced by 1/3 of 1% for each month that benefit commencement precedes Normal Retirement. However, there is no reduction for early commencement upon attainment of age 62 and completion of 25 or more years of service.

Deferred Vested

Eligibility: Based on Vesting Schedule

Benefit: The Accrued Benefit payable at Normal Retirement based on service and compensation earned as of the participant's termination date.

Disability Retirement

Eligibility: Upon becoming totally and permanently disabled with at least 10 Years of Service.

Benefit: The Accrued Benefit payable immediately upon Disability with no reduction for early commencement.

Pre-Retirement Death	<p><u>Eligibility:</u> Upon earning 5 Years of Service.</p> <p><u>Benefit:</u> If the participant is married, 100% of the benefit that would have been payable to the participant at the participant's earliest retirement age under the Joint and 100% Survivor form of payment, assuming the participant terminated the day prior to his/her death. If the participant is not married, the named beneficiary shall receive a death benefit equal to 60 monthly payments equal to the amount payable as if the Life and 5 Year Certain Annuity had been elected immediately before death.</p>
Normal Form of Payment	Unless otherwise elected, the benefit payable to a participant who has been married at least one year is an actuarially equivalent 100% Joint and Survivor benefit. For unmarried participants, the Normal Form is a single life annuity with 60 payments guaranteed.
Optional Forms	<p>Benefits may be elected from:</p> <ul style="list-style-type: none">• 50%, 66 2/3%, 75%, and 100% Joint and Survivor• Single Life Annuity• Life with 60, 120, 180, or 240 monthly payments certain• Level Income• Lump Sums is the present value is less than \$5,000.
Optional Form Conversion Factors	<p>Optional forms of payment are calculated as actuarially equivalent to the single life annuity using the following assumptions:</p> <p><u>Annuities</u></p> <ul style="list-style-type: none">- Interest rate – 7.5%- Mortality – 1983 Group Annuity Mortality, blended 50% male / 50% female. <p><u>Lump sums</u></p> <ul style="list-style-type: none">- Interest rate – IRC Section 417(e) Applicable Interest Rates in effect for the second month prior to the Plan Year of distribution- Mortality – IRC Section 417(e)(3) Applicable Mortality Table in effect for the Plan Year of distribution
COLA	Effective January 1, 2006, and each January 1 thereafter, an annual COLA of 3% is applied to benefits in pay status.
Changes in Plan Benefits recognized since the last valuation	None.