

<div>Form 5500</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Annual Return/Report of Employee Benefit Plan</div> <div>This form is required to be filed for employee benefit plans 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).</div> <div>▶ Complete all entries in accordance with the instructions to the Form 5500.</div>	<div>OMB Nos. 1210-0110 1210-0089</div> <div>2022</div> <div>This Form is Open to Public Inspection</div>
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 04/01/2022 and ending 03/31/2023	
A	This return/report is for: <div>☒ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☐ a single-employer plan ☐ a DFE (specify) _____</div>
B	This return/report is: <div>☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)</div>
C	If the plan is a collectively-bargained plan, check here.▶ ☒
D	Check box if filing under: <div>☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)</div>
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 PLUMBERS & PIPEFITTERS LOCAL NO 189 PENSION PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 06/01/1967
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) PLUMBERS & PIPEFITTERS LOCAL NO 189 AND MCACO 1230 KINNAR ROAD COLUMBUS, OH 43212-1154
2b	Employer Identification Number (EIN) 31-0894807
2c	Plan Sponsor's telephone number 614-486-5203
2d	Business code (see instructions) 238220

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 accompanying schedules, statements and attachments, 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.

SIGN HERE	Filed with authorized/valid electronic signature.	01/16/2024	LISA KAISER, CEBS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	01/16/2024	KENNETH E. DAVIS
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☐ Same as Plan Sponsor PLUMBERS & PIPEFITTERS LOCAL NO 189 H&W FUND ADMINISTRATOR'S ACCOUNT 1230 KINNEAR ROAD COLUMBUS, OH 43212-1154		3b Administrator's EIN 31-0635546
		3c Administrator's telephone number 614-486-5203
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: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 1718
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 790
a(2) Total number of active participants at the end of the plan year		6a(2) 875
b Retired or separated participants receiving benefits		6b 577
c Other retired or separated participants entitled to future benefits.....		6c 201
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 1653
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 167
f Total. Add lines 6d and 6e		6f 1820
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 1750
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7 67
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1B		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☒ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 0 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

<div>SCHEDULE MB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information</div> <div>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).</div> <div>► File as an attachment to Form 5500 or 5500-SF.</div>	<div>OMB No. 1210-0110</div> <div>2022</div> <div>This Form is Open to Public Inspection</div>
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For calendar plan year 2022 or fiscal plan year beginning 04/01/2022 and ending 03/31/2023

► 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.

<div>A Name of plan PLUMBERS & PIPEFITTERS LOCAL NO 189 PENSION PLAN</div>	<div>B Three-digit plan number (PN) ► 001</div>
<div>C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF PLUMBERS & PIPEFITTERS LOCAL NO 189 AND MCACO</div>	<div>D Employer Identification Number (EIN) 31-0894807</div>

E Type of plan: (1) ☒ Multiemployer Defined Benefit (2) ☐ Money Purchase (see instructions)

1a Enter the valuation date: Month 04 Day 01 Year 2022	
b Assets	
(1) Current value of assets	1b(1) 181695778
(2) Actuarial value of assets for funding standard account	1b(2) 171497091
c (1) Accrued liability for plan using immediate gain methods	1c(1) 172961695
(2) Information for plans using spread gain methods:	
(a) Unfunded liability for methods with bases	1c(2)(a)
(b) Accrued liability under entry age normal method	1c(2)(b)
(c) Normal cost under entry age normal method	1c(2)(c)
(3) Accrued liability under unit credit cost method	1c(3) 172961695
d Information on current liabilities of the plan:	
(1) Amount excluded from current liability attributable to pre-participation service (see instructions)	1d(1)
(2) "RPA '94" information:	
(a) Current liability	1d(2)(a) 309963370
(b) Expected increase in current liability due to benefits accruing during the plan year	1d(2)(b) 4791367
(c) Expected release from "RPA '94" current liability for the plan year	1d(2)(c) 18224225
(3) Expected plan disbursements for the plan year	1d(3) 18634225

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.

<div>SIGN HERE</div>	<div>01/16/2024</div>
<div>Signature of actuary</div> <div>JEREMY C. ROBERTS, FSA, MAAA</div>	<div>Date</div> <div>23-06462</div>
<div>Type or print name of actuary</div> <div>SEGAL</div>	<div>Most recent enrollment number</div> <div>312-984-8500</div>
<div>Firm name</div> <div>101 NORTH WACKER DRIVE, SUITE 500, CHICAGO, IL 60606-1724</div>	<div>Telephone number (including area code)</div> <div></div>
<div>Address of the firm</div> <div></div>	

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 ☐

2 Operational information as of beginning of this plan year:

a Current value of assets (see instructions)	2a	181695778
b "RPA '94" current liability/participant count breakdown:	(1) Number of participants	(2) Current liability
(1) For retired participants and beneficiaries receiving payment.....	738	152607400
(2) For terminated vested participants	208	33849234
(3) For active participants:		
(a) Non-vested benefits		10026779
(b) Vested benefits		113479957
(c) Total active	771	123506736
(4) Total	1717	309963370
c If the percentage resulting from dividing line 2a by line 2b(4), column (2), is less than 70%, enter such percentage	2c	58.61 %

3 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
10/01/2022	10309659	0			
Totals ▶			3(b)	10309659	3(c) 0
(d) Total withdrawal liability amounts included in line 3(b) total					3(d) 0

4 Information on plan status:

a Funded percentage for monitoring plan's status (line 1b(2) divided by line 1c(3))	4a	99.2 %
b Enter code to indicate plan's status (see instructions for attachment of supporting evidence of plan's status). If entered code is "N," go to line 5	4b	N
c Is the plan making the scheduled progress under any applicable funding improvement or rehabilitation plan?		☐ Yes ☐ No
d If the plan is in critical status or critical and declining status, were any benefits reduced (see instructions)?		☐ Yes ☐ No
e If line d is "Yes," enter the reduction in liability resulting from the reduction in benefits (see instructions), measured as of the valuation date	4e	
f If the plan is in critical status or critical and declining status, and is:	4f	
• Projected to emerge from critical status within 30 years, enter the plan year in which it is projected to emerge;		
• Projected to become insolvent within 30 years, enter the plan year in which insolvency is expected and check here		
• Neither projected to emerge from critical status nor become insolvent within 30 years, enter "9999."		

5 Actuarial cost method used as the basis for this plan year's funding standard account computations (check all that apply):

- a** ☐ Attained age normal
b ☐ Entry age normal
c ☒ Accrued benefit (unit credit)
d ☐ Aggregate
e ☐ Frozen initial liability
f ☐ Individual level premium
g ☐ Individual aggregate
h ☐ Shortfall
i ☐ Other (specify):

j If box h is checked, enter period of use of shortfall method.....	5j	
k Has a change been made in funding method for this plan year?		☐ Yes ☒ No
l If line k is "Yes," was the change made pursuant to Revenue Procedure 2000-40 or other automatic approval?		☐ Yes ☐ No
m If line k is "Yes," and line l is "No," enter the date (MM-DD-YYYY) of the ruling letter (individual or class) approving the change in funding method	5m	

6 Checklist of certain actuarial assumptions:

a Interest rate for "RPA '94" current liability	6a	2.20 %
	Pre-retirement	Post-retirement
b Rates specified in insurance or annuity contracts	☐ Yes ☐ No ☒ N/A	☐ Yes ☐ No ☒ N/A
c Mortality table code for valuation purposes:		
(1) Males	6c(1)	A
(2) Females	6c(2)	A
d Valuation liability interest rate	6d	7.00 %
e Salary scale	6e	% ☒ N/A
f Withdrawal liability interest rate:		
(1) Type of interest rate	6f(1)	☒ Single rate ☐ ERISA 4044 ☐ Other ☐ N/A
(2) If "Single rate" is checked in (1), enter applicable single rate	6f(2)	7.00 %
g Estimated investment return on actuarial value of assets for year ending on the valuation date	6g	8.2 %
h Estimated investment return on current value of assets for year ending on the valuation date	6h	6.5 %
i Expense load included in normal cost reported in line 9b	6i	☐ N/A
(1) If expense load is described as a percentage of normal cost, enter the assumed percentage	6i(1)	%
(2) If expense load is a dollar amount that varies from year to year, enter the dollar amount included in line 9b	6i(2)	395321
(3) If neither (1) nor (2) describes the expense load, check the box	6i(3)	☐

7 New amortization bases established in the current plan year:

(1) Type of base	(2) Initial balance	(3) Amortization Charge/Credit
1	-508075	-52134

8 Miscellaneous information:

a If a waiver of a funding deficiency has been approved for this plan year, enter the date (MM-DD-YYYY) of the ruling letter granting the approval	8a	
b Demographic, benefit, and contribution information		
(1) Is the plan required to provide a projection of expected benefit payments? (See instructions) If "Yes," see instructions for required attachment.	☒ Yes ☐ No	
(2) Is the plan required to provide a Schedule of Active Participant Data? (See instructions).	☒ Yes ☐ No	
(3) Is the plan required to provide a projection of employer contributions and withdrawal liability payments? (See instructions) If "Yes," attach a schedule.	☒ Yes ☐ No	
c Are any of the plan's amortization bases operating under an extension of time under section 412(e) (as in effect prior to 2008) or section 431(d) of the Code?	☐ Yes ☒ No	
d If line c is "Yes," provide the following additional information:		
(1) Was an extension granted automatic approval under section 431(d)(1) of the Code?	☐ Yes ☐ No	
(2) If line 8d(1) is "Yes," enter the number of years by which the amortization period was extended ..	8d(2)	
(3) Was an extension approved by the Internal Revenue Service under section 412(e) (as in effect prior to 2008) or 431(d)(2) of the Code?	☐ Yes ☐ No	
(4) If line 8d(3) is "Yes," enter number of years by which the amortization period was extended (not including the number of years in line (2))	8d(4)	
(5) If line 8d(3) is "Yes," enter the date of the ruling letter approving the extension	8d(5)	
(6) If line 8d(3) is "Yes," is the amortization base eligible for amortization using interest rates applicable under section 6621(b) of the Code for years beginning after 2007?	☐ Yes ☐ No	
e If box 5h is checked or line 8c is "Yes," enter the difference between the minimum required contribution for the year and the minimum that would have been required without using the shortfall method or extending the amortization base(s)	8e	

9 Funding standard account statement for this plan year:**Charges to funding standard account:**

a Prior year funding deficiency, if any	9a	
b Employer's normal cost for plan year as of valuation date	9b	2191296

c Amortization charges as of valuation date:

- (1) All bases except funding waivers and certain bases for which the amortization period has been extended
- (2) Funding waivers.....
- (3) Certain bases for which the amortization period has been extended

	Outstanding balance	
9c(1)	71606792	10485971
9c(2)		
9c(3)		

d Interest as applicable on lines 9a, 9b, and 9c.....**9d** 887409**e** Total charges. Add lines 9a through 9d.....**9e** 13564676**Credits to funding standard account:****f** Prior year credit balance, if any**9f** 61334108**g** Employer contributions. Total from column (b) of line 3.....**9g** 10309659**h** Amortization credits as of valuation date.....

	Outstanding balance	
9h	8808080	1383730

i Interest as applicable to end of plan year on lines 9f, 9g, and 9h.....**9i** 4751087**j** Full funding limitation (FFL) and credits:

- (1) ERISA FFL (accrued liability FFL).....
- (2) "RPA '94" override (90% current liability FFL)
- (3) FFL credit.....

9j(1)	69539309	
9j(2)	108712364	
9j(3)		

k (1) Waived funding deficiency.....**9k(1)****(2)** Other credits.....**9k(2)****l** Total credits. Add lines 9f through 9i, 9j(3), 9k(1), and 9k(2)**9l** 77778584**m** Credit balance: If line 9l is greater than line 9e, enter the difference**9m** 64213908**n** Funding deficiency: If line 9e is greater than line 9l, enter the difference**9n****o** Current year's accumulated reconciliation account:**(1)** Due to waived funding deficiency accumulated prior to the 2022 plan year**9o(1)****(2)** Due to amortization bases extended and amortized using the interest rate under section 6621(b) of the Code:**(a)** Reconciliation outstanding balance as of valuation date.....**9o(2)(a)****(b)** Reconciliation amount (line 9c(3) balance minus line 9o(2)(a))**9o(2)(b)** 0**(3)** Total as of valuation date**9o(3)** 0**10** Contribution necessary to avoid an accumulated funding deficiency. (see instructions.).....**10****11** Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions☒ Yes ☐ No

<div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 04/01/2022 and ending 03/31/2023		
A Name of plan PLUMBERS & PIPEFITTERS LOCAL NO 189 PENSION PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 PLUMBERS & PIPEFITTERS LOCAL NO 189 AND MCACO	D Employer Identification Number (EIN) 31-0894807	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
SEI TRUST COMPANY
06-1271230

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
--

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

SEI - INVESTMENT MANAGEMENT CORP.

23-3060382

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
19 50	NONE	724137	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

P&P NO. 189 H&W FUND ADMINISTRATORS

31-6035546

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 50	RELATED ADMINISTRATOR	354058	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SEGAL CONSULTING

13-1975125

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11 16 50	NONE	61695	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

VORYS, SATER, SEYMOUR & PEASE

31-4333125

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29 50	NONE	34999	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

CLARK, SCHAEFER, HACKETT & CO.

31-0800053

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10 50	NONE	25160	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SEI - PRIVATE TRUST CO.

04-2452803

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 28 50	NONE	24076	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

IFEBP

39-1034021

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49 50	NONE	9427	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

HAMILTON CAPITAL

83-3000171

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 50	NONE	9120	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BRIDGE BENEFIT TECHNOLOGIES

52-1796473

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
16 50	NONE	8159	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

INNOVATIVE SOFTWARE SOLUTIONS, INC.

23-2182079

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 50	NONE	6450	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information <p style="text-align: center;">This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</p> <p style="text-align: center;">▶ File as an attachment to Form 5500.</p>	<small>OMB No. 1210-0110</small> <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2022</div> <p style="text-align: center; font-weight: bold;">This Form is Open to Public Inspection.</p>
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For calendar plan year 2022 or fiscal plan year beginning 04/01/2022 and ending 03/31/2023		
A Name of plan PLUMBERS & PIPEFITTERS LOCAL NO 189 PENSION PLAN	B Three-digit plan number (PN) ▶	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 PLUMBERS & PIPEFITTERS LOCAL NO 189 AND MCACO	D Employer Identification Number (EIN) 31-0894807	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: SEI ENERGY DEBT CIT		
b Name of sponsor of entity listed in (a): SEI TRUST COMPANY		
c EIN-PN 47-4093583-082	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1885683
a Name of MTIA, CCT, PSA, or 103-12 IE: SEI CORE PROPERTY COLLECTIVE FUND		
b Name of sponsor of entity listed in (a): SEI TRUST COMPANY		
c EIN-PN 27-3224429-045	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 23425930
a Name of MTIA, CCT, PSA, or 103-12 IE: SEI STRUCTURED CREDIT COLLECTIVE		
b Name of sponsor of entity listed in (a): SEI TRUST COMPANY		
c EIN-PN 75-3251893-024	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 20666989
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II **Information on Participating Plans (to be completed by DFEs)**

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (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>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>04/01/2022</u> and ending <u>03/31/2023</u>		
A Name of plan <u>PLUMBERS & PIPEFITTERS LOCAL NO 189 PENSION PLAN</u>		B Three-digit plan number (PN) <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>PLUMBERS & PIPEFITTERS LOCAL NO 189 AND MCACO</u>		D Employer Identification Number (EIN) <u>31-0894807</u>

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a	0	1487401
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	1114885	1515843
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)	204901	176108
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)		
(9) Value of interest in common/collective trusts.....	1c(9)	53113943	45978602
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	128539673	123494782
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	182973402	172652736

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	1277624	583210
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	1277624	583210

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	181695778	172069526
---	-----------	-----------	-----------

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	10309659	
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		10309659
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		0
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	2939125	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		2939125
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		877682
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-11021595
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		3104871
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	11412351	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		11412351
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	139234	
(2) Contract administrator fees	2i(2)	324802	
(3) Investment advisory and management fees	2i(3)	748213	
(4) Other	2i(4)	106523	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		1318772
j Total expenses. Add all expense amounts in column (b) and enter total	2j		12731123
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-9626252
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☐ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☒ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: CLARK, SCHAEFER, HACKETT & CO.

(2) EIN: 31-0800053

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

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.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		X	
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
4d		X	
e Was this plan covered by a fidelity bond?	X		2500000
4e	X		2500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	X		
4j	X		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b 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.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☒ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 494247.

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).</div> <div>► File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2022</div> <div>This Form is Open to Public Inspection.</div>
For calendar plan year 2022 or fiscal plan year beginning 04/01/2022 and ending 03/31/2023		
A Name of plan PLUMBERS & PIPEFITTERS LOCAL NO 189 PENSION PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 PLUMBERS & PIPEFITTERS LOCAL NO 189 AND MCACO		D Employer Identification Number (EIN) 31-0894807
Part I Distributions		
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): _____ Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3 0
Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)		
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☒ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 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 ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☒ N/A		
Part III Amendments		
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☒ No		
Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.		
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer **BATCHELOR**

b EIN **58-1370689**

c Dollar amount contributed by employer **547131**

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month **05** Day **31** Year **2024**

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) **5.60**

(2) Base unit measure: ☒ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer **FARBER CORPORATION**

b EIN **31-0746886**

c Dollar amount contributed by employer **781570**

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month **05** Day **31** Year **2024**

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) **5.60**

(2) Base unit measure: ☒ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer **KIRK WILLIAMS PLUMBING**

b EIN **31-1390878**

c Dollar amount contributed by employer **762059**

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month **05** Day **31** Year **2024**

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) **5.60**

(2) Base unit measure: ☒ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer **POOLE AND KENT CORPORATION**

b EIN **52-0712306**

c Dollar amount contributed by employer **1407674**

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month **05** Day **31** Year **2024**

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) **5.60**

(2) Base unit measure: ☒ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer **SAUER GROUP INC.**

b EIN **26-2081388**

c Dollar amount contributed by employer **2518853**

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month **05** Day **31** Year **2024**

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) **5.60**

(2) Base unit measure: ☒ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer **SPEER-JULIAN COMPANY**

b EIN **31-4418873**

c Dollar amount contributed by employer **526802**

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month **05** Day **31** Year **2024**

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) **5.60**

(2) Base unit measure: ☒ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer **HARRIS MOUNTAIN WEST LLC**

b EIN **26-2555832** **c** Dollar amount contributed by employer **1143178**

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month **05** Day **31** Year **2024**

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) **5.60**

(2) Base unit measure: ☒ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer **SPEER MECHANICAL**

b EIN **31-4418873** **c** Dollar amount contributed by employer **630407**

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month **05** Day **31** Year **2024**

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) **5.60**

(2) Base unit measure: ☒ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer **LIMBACH COMAPNY**

b EIN **16-1622725** **c** Dollar amount contributed by employer **631435**

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month **05** Day **31** Year **2024**

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) **5.60**

(2) Base unit measure: ☒ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month Day Year

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents)

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month Day Year

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents)

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month Day Year

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents)

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

14	Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:	
a	The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☒ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14a 0
b	The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b 0
c	The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c 0
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:	
a	The corresponding number for the plan year immediately preceding the current plan year.....	15a
b	The corresponding number for the second preceding plan year.....	15b
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:	
a	Enter the number of employers who withdrew during the preceding plan year	16a
b	If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐	

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
 Stock: 49.9 % Investment-Grade Debt: 34.3 % High-Yield Debt: 2.9 % Real Estate: 12.9 % Other: 0.0 %

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☒ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☒ Modified duration ☐ Other (specify):

20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

b If line 20a is "Yes," 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 _____

INDEPENDENT AUDITORS' REPORT

To the Participants and the Board of Trustees
Plumbers & Pipefitters Local No. 189 Pension Plan

Opinion

We have audited the financial statements of Plumbers & Pipefitters Local No. 189 Pension Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of March 31, 2023 and 2022, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of Plumbers & Pipefitters Local No. 189 Pension Plan as of March 31, 2023 and 2022, and the changes in its net assets available for benefits for the years then ended, in accordance with accounting principles generally accepted in the United States of America

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Plumbers & Pipefitters Local No. 189 Pension Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Plumbers & Pipefitters Local No. 189 Pension Plan's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the plan, and determining that the plan's transactions that are presented and disclosed in the financial statements are in conformity with the plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Plumbers & Pipefitters Local No. 189 Pension Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Plumbers & Pipefitters Local No. 189 Pension Plan's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplemental Schedules Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedule of assets (held at end of year) as of March 31, 2023 and schedule of reportable transactions for the year ended March 31, 2023 are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying schedules is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Clark, Schaefer, Hackett & Co.

Columbus, Ohio
January 15, 2024

Schedule of Active Participant Data

(Schedule MB, Line 8b(2))

The participant data is for the year ended March 31, 2022.

Age	Years of Beneficial Service as of December 31, 2021									
	Total	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 & over
Under 25	23	21	2	—	—	—	—	—	—	—
25 - 29	61	47	13	1	—	—	—	—	—	—
30 - 34	79	42	23	14	—	—	—	—	—	—
35 - 39	116	35	31	29	21	—	—	—	—	—
40 - 44	104	24	15	24	22	19	—	—	—	—
45 - 49	126	19	12	16	29	41	9	—	—	—
50 - 54	132	5	10	17	19	48	19	14	—	—
55 - 59	79	5	4	6	8	20	19	10	6	1
60 - 64	48	—	3	4	8	14	9	3	4	3
65 - 69	3	—	—	1	1	—	—	1	—	—
Total	771	198	113	112	108	142	56	28	10	4

Statement of Actuarial Assumptions, Methods and Models

(Schedule MB, Line 6)

Mortality Rates

Non-retired participants: 110% of the RP-2014 Blue Collar Employee mortality tables (sex-specific), projected generationally using scale MP-2017

Beneficiaries and non-disabled pensioners: 110% of the RP-2014 Blue Collar Healthy Annuitant mortality tables (sex-specific), projected generationally using scale MP-2017

Disabled pensioners: 110% of the RP-2014 Disabled Retiree mortality tables (sex-specific), projected generationally using scale MP-2017

The underlying adjusted tables, projected generationally to the measurement date using scale MP-2017, reasonably reflect the mortality experience of the Plan as of the measurement date. These mortality tables were then adjusted to future years to reflect future mortality improvement between the measurement date and those years.

The mortality rates were based on historical and current demographic data, adjusted to reflect health characteristics of the industry, estimated future experience, and professional judgment. As part of the analysis, a comparison was made between the actual number of deaths and the actual liability change and the expected number of deaths and the expected liability change based on the prior year's assumption over the most recent five years.

Annuitant Mortality Rates

Age	Rate (%) ¹			
	Healthy		Disabled	
	Male	Female	Male	Female
55	0.66	0.44	2.57	1.59
60	0.93	0.63	2.93	1.87
65	1.39	0.96	3.49	2.29
70	2.17	1.54	4.44	3.10
75	3.47	2.53	5.97	4.51
80	5.70	4.20	8.43	6.71
85	9.55	7.15	12.46	9.95
90	16.11	12.31	19.03	14.59

¹ Mortality rates shown are for the base year (2014), multiplied by 110%.

Termination Rates

Age	Rate (%)				
	Mortality ¹		Disability ²		Withdrawal ³
	Male	Female	Male	Female	
20	0.06	0.02	0.06	0.06	5.27
25	0.07	0.02	0.09	0.10	3.65
30	0.06	0.03	0.13	0.17	2.55
35	0.07	0.04	0.20	0.25	2.40
40	0.09	0.05	0.31	0.36	2.25
45	0.14	0.08	0.50	0.52	2.25
50	0.24	0.14	0.83	0.85	1.95
55	0.40	0.21	1.50	1.49	1.50
60	0.67	0.30	2.27	1.79	1.50

¹ Mortality rates shown are for the base year (2014), multiplied by 110%

² Disability rates cut off when the participant is eligible for an unreduced benefit. All disabled participants are assumed to qualify for a Social Security Disability award.

³ Withdrawal rates cut off when the participant is eligible for an immediate retirement pension.

The withdrawal rates and disability rates were based on historical and current demographic data, adjusted to reflect estimated future experience and professional judgment. As part of the analysis, a comparison was made between the actual number of withdrawals and disability retirements and the actual liability change and the expected number of withdrawals and disability retirements and the expected liability change based on the prior years' assumption over the most recent five years.

Retirement Rates for Active Participants

Age	Eligible for Supplemental Benefit	Not Eligible for Supplemental Benefit
55 – 56	10%	5%
57	35%	20%
58 – 60	35%	20%
61	35%	20%
62	N/A	50%
63 – 64	N/A	30%
65 – 69	N/A	70%
70+	N/A	100%

The retirement rates were based on historical and current demographic data, adjusted to reflect estimated future experience and professional judgment. As part of the analysis, a comparison was made between the actual number of retirements by age and the actual liability change and the expected number of retirements by age and the expected liability change based on the prior years' assumption over the most recent five years.

Description of Weighted Average Retirement Age

Age 59, determined as follows: The weighted-average retirement age for each participant is calculated as the sum of the product of each potential current or future retirement age times the probability of surviving from current age to that age and then retiring at that age, assuming no other decrements. The overall weighted-average retirement age is the average of the individual weighted-average retirement ages based on all the active participants included in the April 1, 2022 actuarial valuation.

Retirement Age for Inactive Vested Participants

Age 57, if 10 years of Beneficial Service; otherwise, age 62

The retirement age for inactive vested participants was based on historical and current data, adjusted to reflect estimated future experience and professional judgment. As part of the analysis, a comparison was made between the actual average retirement age and the prior years' assumption over the most recent five years.

Future Benefit Accruals

1,900 hours per active employee per year

The future benefit accruals were based on historical and current data, adjusted to reflect estimated future experience and professional judgment. As part of the analysis, a comparison was made between the assumed and the actual benefit accruals over the most recent five years.

Unknown Data for Participants

Same as those exhibited by participants with similar known characteristics. If not specified, participants are assumed to be male.

Definition of Active Participants

Active participants are defined as those with at least 150 hours in the beneficial service year ended immediately prior to the valuation date, excluding those who have died or retired as of the valuation date.

Service and accrued benefits for active participants are provided as of the end of the beneficial service year immediately prior to the valuation date and are adjusted to the valuation date.

Percent Married	85%
Age and Sex of Spouse	Spouses are assumed to be 4 years younger than male participants and 4 years older than female participants. If not specified, spouses are assumed to be the opposite sex of the participants.
Benefit Election	<ul style="list-style-type: none"> • 100% of inactive vested participants are assumed to decline the Lump-Sum Benefit at termination, in favor of the vested deferred pension. • Surviving spouses are assumed to elect the more valuable of the Spouse's Benefit and the Lump-Sum Benefit. • 50% of participants are assumed to elect a Partial Lump Sum with a lump sum payment of 50% of benefits accrued on or before March 31, 2018 and 20% of benefits accrued on or after April 1, 2018. • 25% of participants are assumed to elect a Partial Lump Sum with a lump sum payment of 20% of benefits accrued • For the remaining benefits for those that elected a Partial Lump Sum and for the other 25% of participants, married participants are assumed to elect the 100% Joint and Survivor Annuity form of payment or the Life Annuity form of payment, whichever is more valuable, and non-married participants are assumed to elect the Life Annuity form of payment. <p>The benefit elections were based on historical and current demographic data, adjusted to reflect the plan design and estimated future experience and professional judgment.</p>
Conversion Factors for Lump Sum	Lump sum amounts are valued at a 4.25% interest rate and the 2020 Lump Sums Unisex Mortality Table.
Delayed Retirement Increases	Active participants are assumed to work enough hours each month to have their benefit suspended and, therefore, to not be eligible for delayed retirement increases. Inactive vested participants who are past Normal Retirement Age are eligible for delayed retirement increases.
Net Investment Return	<p>7.00%</p> <p>The net investment return assumption is a long-term estimate derived from historical data, current and recent market expectations, and professional judgment. As part of the analysis, a building block approach was used that reflects inflation expectations and anticipated risk premiums for each of the portfolio's asset classes as provided by Segal Marco Advisors, as well as the Plan's target asset allocation.</p>
Annual Administrative Expenses	<p>\$410,000 for the year beginning April 1, 2022 (equivalent to \$395,321 payable at the beginning of the year) or 22.0% of Normal Cost.</p> <p>The annual administrative expenses were based on historical and current data, adjusted to reflect estimated future experience and professional judgment.</p>
Actuarial Value of Assets	The market value of assets less unrecognized returns in each of the last five years. Unrecognized return is equal to the difference between the actual market return and the projected market return and is recognized over a five-year period. The actuarial value is further adjusted, if necessary, to be within 20% of the market value.
Actuarial Cost Method	Unit Credit Actuarial Cost Method. Normal Cost and Actuarial Accrued Liability are calculated on an individual basis.
Benefits Valued	Unless otherwise indicated, includes all benefits summarized in Exhibit L.

Current Liability Assumptions	<i>Interest:</i> 2.20%, within the permissible range prescribed under IRC Section 431(c)(6)(E) <i>Mortality:</i> Mortality prescribed under IRS Regulations 1.431(c)(6)-1 and 1.430(h)(3)-1(a)(2): RP-2006 separate annuitant and non-annuitant healthy mortality tables (sex-specific) with generational projection using scale MP-2020
Actuarial Models	Segal valuation results are based on proprietary actuarial modeling software. The actuarial valuation models generate a comprehensive set of liability and cost calculations that are prepared to meet regulatory, legislative and client requirements. Deterministic cost projections are based on a proprietary forecasting model. Our Actuarial Technology and Systems unit, comprised of both actuaries and programmers, is responsible for the initial development and maintenance of these models. The models have a modular structure that allows for a high degree of accuracy, flexibility and user control. The client team programs the assumptions and the plan provisions, validates the models, and reviews test lives and results, under the supervision of the responsible Enrolled Actuary.

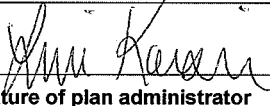
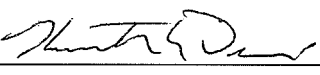
Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the 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.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 04/01/2022 and ending 03/31/2023	
A This return/report is for:	☒ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
	☐ a single-employer plan ☐ a DFE (specify) _____
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 If the plan is a collectively-bargained plan, check here.	☒
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program
	☐ special extension (enter description) _____
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 PLUMBERS & PIPEFITTERS LOCAL NO 189 PENSION PLAN	1b Three-digit plan number (PN) ▶ 001
	1c Effective date of plan 06/01/1967
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) PLUMBERS & PIPEFITTERS LOCAL NO 189 AND MCACO 1230 KINNAR ROAD COLUMBUS OH 43212-1154	2b Employer Identification Number (EIN) 31-0894807
	2c Plan Sponsor's telephone number 614-486-5203
	2d Business code (see instructions) 238220

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 accompanying schedules, statements and attachments, 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.

SIGN HERE		1/16/24	LISA KAISER, CEBS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE		1/16/24	KENNETH E. DAVIS
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

Plumbers & Pipefitters Local No. 189 Pension Plan
 EIN: 31-0894807; Plan Number: 01
 Schedule H, line 4j – Schedule of Reportable Transactions
 Year Ended March 31, 2023

(a)	(b)	(c)	(d)	(g)	(h)	(i)
Identity of Party Involved	Description of Asset	Purchase Price	Selling Price	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
<u>Category (i) - Single transactions in excess of 5% of the net plan assets:</u>						
* SEI	Government Fund 114,549,110 units purchased in 1 transaction	\$ 114,549,110	-	114,549,110	114,549,110	-
* SEI	Government Fund 114,549,110 units sold in 1 transaction	-	114,549,110	114,549,110	114,549,110	-
* SEI	SEI Core Fixed Income Fund 2,207,882 units sold in 1 transaction	-	19,650,149	22,510,145	19,650,149	(2,859,996)
* SEI	SEI Limited Duration Bond Fund 1,129,411 units purchased in 1 transaction	10,774,580	-	10,774,580	10,774,580	-
* SEI	SEI Limited Duration Bond Fund 1,187,589 units sold in 1 transaction	-	11,282,092	11,328,457	11,282,092	(46,365)
* SEI	SEI S&P 500 Index A 1,737,106 units sold in 1 transaction	-	31,823,785	32,577,385	31,823,785	(753,600)
* SEI	SEI Extended Market Index Fund - A 705,905 units sold in 1 transaction	-	10,150,913	12,021,754	10,150,913	(1,870,841)
* SEI	SEI Ultra Short Duration Bond Fund 951,069 units sold in 1 transaction	-	9,282,434	9,538,391	9,282,434	(255,957)
* SEI	SEI World Equity Ex-US Fund Class A 1,597,588 units sold in 1 transaction	-	29,017,772	32,726,171	29,017,772	(3,708,399)
Baird	Baird Aggregate Bond Fund 961,538 units sold in 1 transaction	9,500,000	-	9,500,000	9,500,000	-

Plumbers & Pipefitters Local No. 189 Pension Plan
 EIN: 31-0894807; Plan Number: 01
 Schedule H, line 4j – Schedule of Reportable Transactions
 Year Ended March 31, 2023

(a)	(b)	(c)	(d)	(g)	(h)	(i)
Identity of Party Involved	Description of Asset	Purchase Price	Selling Price	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
* Comerica	Comerica Short Term Fund 114,549,110 units sold in 1 transaction	114,549,110	-	114,549,110	114,549,110	-
* Comerica	Comerica Short Term Fund 17,232,130 purchased in 1 transaction	-	17,232,130	17,232,130	17,232,130	-
* Comerica	Comerica Short Term Fund 101,000,000 shares purchased in 1 transaction	-	101,000,000	101,000,000	101,000,000	-
Fidelity	Fidelity Total Market Index Fund - INS PR 568,702.99 shares sold in 1 transaction	62,000,000	-	62,000,000	62,000,000	-
Fidelity	Fidelity Salem Street Trust Total International Index Fund INS PR 1,644,737 shares bought in 1 transaction	20,000,000	-	20,000,000	20,000,000	-
Metropolitan	Metropolitan West Funds Total Return Bond Fund Class I 1,018,221 shares bought in 1 transaction	9,500,000	-	9,500,000	9,500,000	-
* Comerica	Short Term Investment Trade Account 12,000,000 shares bought in 1 transaction	12,000,000	-	12,000,000	12,000,000	-
* SEI	SEI Core Fixed Income Fund 224,342 units purchased in 17 transactions 2,939,812 units sold in 6 transactions	682,168 -	- 26,271,344	682,168 30,042,586	682,168 26,271,344	- (3,771,242)
<u>Category (iii) - Series of transactions in excess of 5% of the net plan assets:</u>						
* SEI	SEI Limited Duration Bond Fund 1,286,007 units purchased in 15 transactions 1,286,009 units sold in 4 transactions	12,267,382 -	- 12,216,450	12,267,382 12,267,380	12,267,382 12,216,450	- (50,930)

Plumbers & Pipefitters Local No. 189 Pension Plan
 EIN: 31-0894807; Plan Number: 01
 Schedule H, line 4j – Schedule of Reportable Transactions
 Year Ended March 31, 2023

(a)	(b)	(c)	(d)	(g)	(h)	(i)
Identity of Party Involved	Description of Asset	Purchase Price	Selling Price	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
<u>Category (iii) - Series of transactions in excess of 5% of the net plan assets:</u>						
* SEI	SEI S&P 500 Index A					
	206,849 units purchased in 10 transactions	3,735,433	-	3,735,433	3,735,433	-
	1,866,020 units sold in 8 transactions	-	34,295,481	35,002,225	34,295,481	(706,744)
* SEI	SEI Extended Market Index A					
	89,511 units purchased in 9 transactions	1,275,613	-	1,275,613	1,275,613	-
	741,015 units sold in 7 transactions	-	10,700,928	12,625,139	10,700,928	(1,924,211)
* SEI	SEI Extended Market Index Fund A					
	89,712 units purchased in 9 transactions	1,275,613	-	1,275,613	1,275,613	-
	1,054,938 units sold in 3 transactions	-	10,300,466	10,580,103	10,300,466	(279,637)
* SEI	SEI World Equity Ex-US Fund Class A					
	598,524 units purchased in 8 transactions	6,408,714	-	6,408,714	6,408,714	-
	2,934,623 units sold in 5 transactions	-	31,559,558	35,615,140	31,559,558	(4,055,582)
Baird	Baird Aggregate Bond Fund					
	1,281,52 units purchased in 3 transactions	12,626,249	-	12,626,249	12,626,249	-
* Comerica	Comerica Short Term Fund					
	126,309,563 units purchased in 4 transactions	126,309,563	-	126,309,563	126,309,563	-
	125,620,761 units sold in 4 transactions	-	125,620,761	125,620,761	125,620,761	-
Metropolitan	Metropolitan West Funds Total Return Bond Fund Class I					
	1,408,847 shares bought in 1 transaction	13,106,050	-	13,106,050	13,106,050	-

* Identifies a party-in-interest to the Plan

Note: "Reportable Transactions" as defined in Section 2520.103-6 of The Department of Labor Regulations.

There were no reportable category (ii) or (iv) transactions for the year ended March 31, 2023.

Columns (e) and (f) were excluded as they were not applicable.

**SCHEDULE MB
(Form 5500)**Department of the Treasury
Internal Revenue ServiceDepartment of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

**Multiemployer Defined Benefit Plan and Certain
Money Purchase 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.**

OMB No. 1510-0110

2022**This Form is Open to Public
Inspection**

For calendar plan year 2022 or fiscal plan year beginning 04/01/2022 and ending 03/31/2023

▶ **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 PLUMBERS & PIPEFITTERS LOCAL NO 189 PENSION PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF PLUMBERS & PIPEFITTERS LOCAL NO 189 AND MCACO	D Employer Identification Number (EIN) 31-0894807
E Type of plan: (1) ☒ Multiemployer Defined Benefit (2) ☐ Money Purchase (see instructions)	

1a Enter the valuation date: Month 04 Day 01 Year 2022**b** Assets

(1) Current value of assets	1b(1)	181,695,778
(2) Actuarial value of assets for funding standard account.....	1b(2)	171,497,091
c (1) Accrued liability for plan using immediate gain methods	1c(1)	172,961,695
(2) Information for plans using spread gain methods:		
(a) Unfunded liability for methods with bases	1c(2)(a)	
(b) Accrued liability under entry age normal method.....	1c(2)(b)	
(c) Normal cost under entry age normal method	1c(2)(c)	
(3) Accrued liability under unit credit cost method.....	1c(3)	172,961,695

d Information on current liabilities of the plan:

(1) Amount excluded from current liability attributable to pre-participation service (see instructions).....	1d(1)	
(2) "RPA '94" information:		
(a) Current liability	1d(2)(a)	309,963,370
(b) Expected increase in current liability due to benefits accruing during the plan year	1d(2)(b)	4,791,367
(c) Expected release from "RPA '94" current liability for the plan year	1d(2)(c)	18,224,225
(3) Expected plan disbursements for the plan year	1d(3)	18,634,225

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**

Jeremy C. Roberts

Signature of actuary

JEREMY C. ROBERTS, FSA, MAAA

Type or print name of actuary

SEGAL

Firm name

101 NORTH WACKER DRIVE SUITE 500
CHICAGO IL 60606-1724

Address of the firm

01/16/2024

Date

2306462

Most recent enrollment number

312-984-8500

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 ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule MB (Form 5500) 2022
v. 220413

2 Operational information as of beginning of this plan year:

a Current value of assets (see instructions)	2a	181,695,778
b "RPA '94" current liability/participant count breakdown:	(1) Number of participants	(2) Current liability
(1) For retired participants and beneficiaries receiving payment	738	152,607,400
(2) For terminated vested participants	208	33,849,234
(3) For active participants:		
(a) Non-vested benefits		10,026,779
(b) Vested benefits		113,479,957
(c) Total active	771	123,506,736
(4) Total	1,717	309,963,370
c If the percentage resulting from dividing line 2a by line 2b(4), column (2), is less than 70%, enter such percentage	2c	58.61 %

3 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
10/01/2022	10,309,659				
Totals ►			3(b)	10,309,659	3(c)
					0

(d) Total withdrawal liability amounts included in line 3(b) total **3(d)** 0

4 Information on plan status:

a Funded percentage for monitoring plan's status (line 1b(2) divided by line 1c(3))	4a	99.2 %
b Enter code to indicate plan's status (see instructions for attachment of supporting evidence of plan's status). If entered code is "N," go to line 5	4b	N
c Is the plan making the scheduled progress under any applicable funding improvement or rehabilitation plan?		☐ Yes ☐ No
d If the plan is in critical status or critical and declining status, were any benefits reduced (see instructions)?		☐ Yes ☐ No
e If line d is "Yes," enter the reduction in liability resulting from the reduction in benefits (see instructions), measured as of the valuation date	4e	
f If the plan is in critical status or critical and declining status, and is:	4f	
• Projected to emerge from critical status within 30 years, enter the plan year in which it is projected to emerge;		
• Projected to become insolvent within 30 years, enter the plan year in which insolvency is expected and check here		☐
• Neither projected to emerge from critical status nor become insolvent within 30 years, enter "9999."		

5 Actuarial cost method used as the basis for this plan year's funding standard account computations (check all that apply):

a ☐ Attained age normal	b ☐ Entry age normal	c ☒ Accrued benefit (unit credit)	d ☐ Aggregate
e ☐ Frozen initial liability	f ☐ Individual level premium	g ☐ Individual aggregate	h ☐ Shortfall
i ☐ Other (specify):			
j If box h is checked, enter period of use of shortfall method			5j

- k** Has a change been made in funding method for this plan year? ☐ Yes ☒ No
- l** If line k is "Yes," was the change made pursuant to Revenue Procedure 2000-40 or other automatic approval? ☐ Yes ☐ No
- m** If line k is "Yes," and line l is "No," enter the date (MM-DD-YYYY) of the ruling letter (individual or class) approving the change in funding method

5m	
-----------	--

6 Checklist of certain actuarial assumptions:

- a** Interest rate for "RPA '94" current liability

6a	2.20 %
-----------	--------
- | | Pre-retirement | Post-retirement |
|--|--|--|
| b Rates specified in insurance or annuity contracts | ☐ Yes ☐ No ☒ N/A | ☐ Yes ☐ No ☒ N/A |
| c Mortality table code for valuation purposes: | | |
| (1) Males | 6c(1) A | A |
| (2) Females | 6c(2) A | A |
| d Valuation liability interest rate | 6d 7.00 % | 7.00 % |
| e Salary scale | 6e % ☒ N/A | |
| f Withdrawal liability interest rate: | | |
| (1) Type of interest rate | 6f(1) ☒ Single rate ☐ ERISA 4044 ☐ Other ☐ N/A | |
| (2) If "Single rate" is checked in (1), enter applicable single rate | 6f(2) | 7.00 % |
| g Estimated investment return on actuarial value of assets for year ending on the valuation date | 6g | 8.2 % |
| h Estimated investment return on current value of assets for year ending on the valuation date | 6h | 6.5 % |
| i Expense load included in normal cost reported in line 9b | 6i | ☐ N/A |
| (1) If expense load is described as a percentage of normal cost, enter the assumed percentage | 6i(1) | % |
| (2) If expense load is a dollar amount that varies from year to year, enter the dollar amount included in line 9b | 6i(2) | 395,321 |
| (3) If neither (1) nor (2) describes the expense load, check the box | 6i(3) | ☐ |

7 New amortization bases established in the current plan year:

(1) Type of base	(2) Initial balance	(3) Amortization Charge/Credit
1	-508,075	-52,134

8 Miscellaneous information:

- a** If a waiver of a funding deficiency has been approved for this plan year, enter the date (MM-DD-YYYY) of the ruling letter granting the approval

8a	
-----------	--
- b** Demographic, benefit, and contribution information
- (1)** Is the plan required to provide a projection of expected benefit payments? (See instructions) If "Yes," see instructions for required attachment. ☒ Yes ☐ No
- (2)** Is the plan required to provide a Schedule of Active Participant Data? (See instructions). ☒ Yes ☐ No
- (3)** Is the plan required to provide a projection of employer contributions and withdrawal liability payments? (See instructions) If "Yes," attach a schedule. ☒ Yes ☐ No
- c** Are any of the plan's amortization bases operating under an extension of time under section 412(e) (as in effect prior to 2008) or section 431(d) of the Code? ☐ Yes ☒ No
- d** If line c is "Yes," provide the following additional information:
- | | |
|--|--|
| (1) Was an extension granted automatic approval under section 431(d)(1) of the Code? | ☐ Yes ☐ No |
| (2) If line 8d(1) is "Yes," enter the number of years by which the amortization period was extended. | 8d(2) |
| (3) Was an extension approved by the Internal Revenue Service under section 412(e) (as in effect prior to 2008) or 431(d)(2) of the Code? | ☐ Yes ☐ No |
| (4) If line 8d(3) is "Yes," enter number of years by which the amortization period was extended (not including the number of years in line (2)). | 8d(4) |
| (5) If line 8d(3) is "Yes," enter the date of the ruling letter approving the extension | 8d(5) |
| (6) If line 8d(3) is "Yes," is the amortization base eligible for amortization using interest rates applicable under section 6621(b) of the Code for years beginning after 2007? | ☐ Yes ☐ No |

e If box 5h is checked or line 8c is "Yes," enter the difference between the minimum required contribution for the year and the minimum that would have been required without using the shortfall method or extending the amortization base(s)

8e**9** Funding standard account statement for this plan year:**Charges to funding standard account:**

a Prior year funding deficiency, if any

9a

b Employer's normal cost for plan year as of valuation date

9b

2,191,296

c Amortization charges as of valuation date:

Outstanding balance

(1) All bases except funding waivers and certain bases for which the amortization period has been extended

9c(1)

71,606,792

10,485,971

(2) Funding waivers

9c(2)

(3) Certain bases for which the amortization period has been extended

9c(3)

d Interest as applicable on lines 9a, 9b, and 9c

9d

887,409

e Total charges. Add lines 9a through 9d

9e

13,564,676

Credits to funding standard account:

f Prior year credit balance, if any

9f

61,334,108

g Employer contributions. Total from column (b) of line 3

9g

10,309,659

Outstanding balance

h Amortization credits as of valuation date

9h

8,808,080

1,383,730

i Interest as applicable to end of plan year on lines 9f, 9g, and 9h

9i

4,751,087

j Full funding limitation (FFL) and credits:

(1) ERISA FFL (accrued liability FFL)

9j(1)

69,539,309

(2) "RPA '94" override (90% current liability FFL)

9j(2)

108,712,364

(3) FFL credit

9j(3)

k (1) Waived funding deficiency

9k(1)

(2) Other credits

9k(2)

l Total credits. Add lines 9f through 9i, 9j(3), 9k(1), and 9k(2)

9l

77,778,584

m Credit balance: If line 9l is greater than line 9e, enter the difference

9m

64,213,908

n Funding deficiency: If line 9e is greater than line 9l, enter the difference

9n**o** Current year's accumulated reconciliation account:

(1) Due to waived funding deficiency accumulated prior to the 2022 plan year

9o(1)

(2) Due to amortization bases extended and amortized using the interest rate under section 6621(b) of the Code:

(a) Reconciliation outstanding balance as of valuation date

9o(2)(a)

(b) Reconciliation amount (line 9c(3) balance minus line 9o(2)(a))

9o(2)(b)

0

(3) Total as of valuation date

9o(3)

0

10 Contribution necessary to avoid an accumulated funding deficiency. (see instructions.)

10

11 Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions

☒ Yes ☐ No

2022 Schedule MB, Line 8b(1) - Schedule of Projection of Expected Benefit Payments

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries	Total
2022	\$3,578,551	\$3,060,837	\$10,252,294	\$16,891,682
2023	3,686,910	857,705	9,895,027	14,439,642
2024	3,792,446	718,279	9,576,435	14,087,160
2025	4,003,477	1,103,570	9,267,077	14,374,124
2026	4,155,709	1,334,849	8,981,739	14,472,297
2027	4,542,523	1,182,620	8,700,775	14,425,918
2028	4,525,062	1,383,695	8,428,449	14,337,206
2029	4,754,249	1,152,530	8,148,786	14,055,565
2030	4,791,410	1,260,221	7,869,914	13,921,545
2031	4,846,324	1,342,949	7,579,268	13,768,541
2032	4,739,913	1,115,571	7,292,495	13,147,979
2033	4,855,709	1,189,516	7,003,069	13,048,294
2034	4,828,129	1,304,085	6,711,655	12,843,869
2035	4,712,091	1,264,454	6,418,839	12,395,384
2036	4,830,330	1,227,007	6,125,181	12,182,518
2037	4,703,600	1,294,134	5,831,239	11,828,973
2038	4,640,758	1,141,696	5,537,589	11,320,043
2039	4,540,935	1,330,081	5,244,811	11,115,827

This assumes the following:

- No additional benefits will be accrued.
- Experience is in line with valuation assumptions.
- No new entrants are covered by the Plan.
- Benefits are paid in the form assumed with valuation.

2022 Schedule MB, Line 8b(1) - Schedule of Projection of Expected Benefit Payments

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries	Total
2040	\$4,500,248	\$1,221,595	\$4,953,478	\$10,675,321
2041	4,505,066	1,152,004	4,664,128	10,321,198
2042	4,403,414	1,119,221	4,377,283	9,899,918
2043	4,441,428	1,064,201	4,093,460	9,599,089
2044	4,266,638	1,067,211	3,813,235	9,147,084
2045	4,198,236	974,094	3,537,300	8,709,630
2046	4,075,836	941,759	3,266,428	8,284,023
2047	3,949,458	928,162	3,024,778	7,902,398
2048	3,815,653	940,683	2,789,070	7,545,406
2049	3,683,783	861,610	2,564,549	7,109,942
2050	3,580,149	825,197	2,346,496	6,751,842
2051	3,419,227	788,713	2,154,410	6,362,350
2052	3,259,487	739,059	1,982,039	5,980,585
2053	3,101,169	715,589	1,765,417	5,582,175
2054	2,972,425	662,113	1,550,694	5,185,232
2055	2,794,851	622,243	1,351,078	4,768,172
2056	2,640,650	582,573	1,167,347	4,390,570
2057	2,480,336	543,305	1,003,491	4,027,132

This assumes the following:

- No additional benefits will be accrued.
- Experience is in line with valuation assumptions.
- No new entrants are covered by the Plan.
- Benefits are paid in the form assumed with valuation.

2022 Schedule MB, Line 8b(1) - Schedule of Projection of Expected Benefit Payments

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries	Total
2058	\$2,341,268	\$504,638	\$852,499	\$3,698,405
2059	2,172,296	466,770	717,882	3,356,948
2060	2,014,024	429,880	599,210	3,043,114
2061	1,866,672	394,148	495,815	2,756,635
2062	1,727,091	359,741	406,798	2,493,630
2063	1,588,937	326,811	331,076	2,246,824
2064	1,464,258	295,482	267,436	2,027,176
2065	1,345,599	265,839	214,584	1,826,022
2066	1,232,418	237,950	171,189	1,641,557
2067	1,124,981	211,850	135,933	1,472,764
2068	1,023,534	187,562	107,551	1,318,647
2069	928,178	165,094	84,874	1,178,146
2070	838,951	144,433	66,855	1,050,239
2071	755,825	125,555	52,601	933,981

This assumes the following:

- No additional benefits will be accrued.
- Experience is in line with valuation assumptions.
- No new entrants are covered by the Plan.
- Benefits are paid in the form assumed with valuation.

**FSA Contribution
Timing (Schedule MB,
line 3a)**

Unless otherwise noted, contributions are paid periodically throughout the year pursuant to collective bargaining agreements. The interest credited in the FSA is therefore assumed to be equivalent to a October 1 contribution date.



CLARK SCHAEFER HACKETT
BUSINESS ADVISORS

Plumbers & Pipefitters Local No. 189 Pension Plan

Financial Statements and Supplemental Schedules

March 31, 2023 and 2022

with Independent Auditors' Report

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INDEPENDENT AUDITORS' REPORT

To the Participants and the Board of Trustees
Plumbers & Pipefitters Local No. 189 Pension Plan

Opinion

We have audited the financial statements of Plumbers & Pipefitters Local No. 189 Pension Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of March 31, 2023 and 2022, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of Plumbers & Pipefitters Local No. 189 Pension Plan as of March 31, 2023 and 2022, and the changes in its net assets available for benefits for the years then ended, in accordance with accounting principles generally accepted in the United States of America

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Plumbers & Pipefitters Local No. 189 Pension Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Plumbers & Pipefitters Local No. 189 Pension Plan's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the plan, and determining that the plan's transactions that are presented and disclosed in the financial statements are in conformity with the plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Plumbers & Pipefitters Local No. 189 Pension Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Plumbers & Pipefitters Local No. 189 Pension Plan's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplemental Schedules Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedule of assets (held at end of year) as of March 31, 2023 and schedule of reportable transactions for the year ended March 31, 2023 are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying schedules is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Clark, Schaefer, Hackett & Co.

Columbus, Ohio
January 15, 2024

Plumbers & Pipefitters Local No. 189 Pension Plan
Statements of Net Assets Available for Benefits
March 31, 2023 and 2022

	<u>2023</u>	<u>2022</u>
Assets:		
Investments at fair value:		
Registered investment companies	\$ 123,494,781	128,539,673
Common/collective trusts	<u>45,978,602</u>	<u>53,113,943</u>
	<u>169,473,383</u>	<u>181,653,616</u>
Other assets:		
Cash	1,487,401	-
Employer contributions receivable	1,515,843	1,114,885
Accrued interest and dividends	124,398	85,837
Accounts receivable from related funds	<u>51,710</u>	<u>119,064</u>
	<u>3,179,352</u>	<u>1,319,786</u>
Total assets	<u>172,652,735</u>	<u>182,973,402</u>
Liabilities:		
Accounts payable	62,785	243,664
Bank overdraft	-	579,465
Reciprocity payable	504,451	438,521
Accounts payable to related fund	<u>15,974</u>	<u>15,974</u>
Total liabilities	<u>583,210</u>	<u>1,277,624</u>
Net assets available for benefits	\$ <u>172,069,525</u>	<u>181,695,778</u>

See accompanying notes to the financial statements.

Plumbers & Pipefitters Local No. 189 Pension Plan
Statements of Changes in Net Assets Available for Benefits
For the Years Ended March 31, 2023 and 2022

	<u>2023</u>	<u>2022</u>
Additions to net assets:		
Investment income (loss):		
Net (depreciation) appreciation in fair value of investments	\$ (10,143,914)	9,373,519
Interest and dividends	2,939,125	2,682,003
Less: investment expenses	<u>(748,213)</u>	<u>(772,195)</u>
	(7,953,002)	11,283,327
Contributions:		
Employer contributions, net of reciprocity	<u>10,309,659</u>	<u>8,579,022</u>
	<u>2,356,657</u>	<u>19,862,349</u>
Deductions from net assets:		
Benefits paid to participants	<u>11,412,351</u>	<u>12,905,792</u>
Administrative expenses:		
Administrative expenses allocated from related plan	324,802	214,211
Trustee meetings	1,094	5,200
Conferences	13,779	6,644
Actuarial and consulting fees	79,075	65,945
Legal fees	34,999	35,001
Insurance	27,544	23,822
Federal guarantee insurance	54,944	53,258
Audit and accounting fees	25,160	23,970
Miscellaneous	<u>9,162</u>	<u>7,958</u>
	<u>570,559</u>	<u>436,009</u>
	<u>11,982,910</u>	<u>13,341,801</u>
Net change	(9,626,253)	6,520,548
Net assets available for benefits - beginning of year	<u>181,695,778</u>	<u>175,175,230</u>
Net assets available for benefits - end of year	\$ <u><u>172,069,525</u></u>	<u><u>181,695,778</u></u>

See accompanying notes to the financial statements.

1. DESCRIPTION OF PLAN:

The following brief description of Plumbers & Pipefitters Local No. 189 Pension Plan (the "Plan") is provided for general information purposes only. Participants should refer to the plan document for a more complete description of the Plan's provisions.

General

The Plan is a defined benefit pension plan covering employees of those employers who have agreed to make the required employer contributions to the Plan in accordance with a collective bargaining agreement with the United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada Local Union No. 189. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The contributing employers are primarily located in Central Ohio. Therefore, the Plan is affected by the economic conditions of the region.

Contributions

In accordance with the collective bargaining agreement, employers are required to make monthly contributions at a fixed dollar amount for each "paid" hour worked by participants. No participant contributions to the Plan are permitted. The plan received contributions from two and three employers that accounted for 28% and 36% for the years ended March 31, 2023 and 2022, respectively.

Vesting

Participants are 100% vested in their accrued benefits after five years of beneficial service or upon reaching retirement age. A year of beneficial service shall accrue for each plan year in which a participant was credited with at least 150 credited pension hours of service or more. Pension benefits are calculated based on the number of credited hours of service multiplied by accrual rates in effect at various periods during a participant's work history.

Pension benefits

A retiree will receive a monthly benefit equal to the product of the number of hours worked each year times a dollar factor. The sum of the computations for each year worked is the amount of the monthly pension for life. A participant's normal retirement date is the first day of the month coincident with or next following the date he or she attains age 62. The Plan also provides early retirement benefits at age 57 or at age 55 with ten years of beneficial service. Early retirement benefits are reduced by .5% for each month of age less than 57.

A \$750 per month temporary bridge payment is available for participants completing at least 25 years of beneficial services. The benefit is payable from age 57 to age 62. No bridge gap benefit is available if the member is receiving any kind of Social Security benefit, including disability.

Disability benefits

The Plan provides a monthly disability benefit to eligible employees with ten years of beneficial service prior to age 57. The benefit is equal to the accrued monthly pension on a single life annuity basis, or \$200 per month, whichever is greater, beginning on the first day of the month after the 91st day following disability. The benefit ceases at age 57 when the normal pension becomes payable.

Death benefits

The amount of the death benefit paid on behalf of participants is based on years and hours worked for union employers and whether the participant is eligible for retirement.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES:

The following accounting principles and practices of the Plan are set forth to facilitate the understanding of data presented in the financial statements:

Basis of accounting

The financial statements of the Plan are prepared using the accrual method of accounting.

Use of estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Investment valuation and income recognition

Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 3 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation (depreciation) includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Employer contributions receivable

Employer contributions receivable represents amounts due from employers that were received subsequent to year end. Therefore, the carrying amount of these receivables is not reduced by an allowance for amounts that will not be collected. In addition, it is impractical to estimate a recognition of revenue for amounts due but erroneously unreported by employers.

Benefit payments

Benefit payments to participants are recorded upon distribution.

Reciprocity contributions

Participants of the Plan and participants of the benefit plans of other affiliated local unions may have temporary employment assignments outside the jurisdiction of their local union. Therefore, the Plan has entered into reciprocity agreements with other affiliated locals to ensure that employer contributions are forwarded to the benefit plans of the participants' local union. Reciprocal contributions received and reciprocal contributions paid are classified with employer contributions on the statement of changes in net assets available for benefits.

Subsequent events

The Plan has evaluated subsequent events through January 15, 2024, the date on which the financial statements were available to be issued.

3. FAIR VALUE MEASUREMENTS:

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy are described below:

- Level 1 Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.
- Level 2 Inputs to the valuation methodology include:
- Quoted prices for similar assets or liabilities in active markets;
 - Quoted prices for identical or similar assets or liabilities in inactive markets;
 - Inputs other than quoted prices that are observable for the asset or liability; and
 - Inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- Level 3 Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in methodologies used at March 31, 2023 and 2022.

- *Registered investment companies:* Mutual funds are valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.
- *Common/collective trusts:* Collective investment trust funds are valued at the net asset value (NAV) per share or unit. The NAV, as provided by the custodian, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient would not be used if it is determined to be probable that the Plan will sell the investment for an amount different from the reported NAV. Were the Plan to initiate a full redemption of the collective trusts, the issuer reserves the right to temporarily withhold a portion of the withdrawal from the trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan's Trustees believe that the valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in different fair value measurements at the reporting date. Investment securities, in general, are exposed to

various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and, that such changes could materially affect the amounts reported in the statement of net assets available for benefits.

The following table sets forth by level, within the fair value hierarchy, the Plan's investments at fair value as of March 31, 2023 and 2022:

<u>March 31, 2023</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Assets in the fair value hierarchy:				
Registered investment companies	\$ 123,494,781	-	-	123,494,781
Investments measured at NAV	-	-	-	45,978,602
	<u>\$ 123,494,781</u>	<u>-</u>	<u>-</u>	<u>169,473,383</u>
<u>March 31, 2022</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Assets in the fair value hierarchy:				
Registered investment companies	\$ 128,539,673	-	-	128,539,673
Investments measured at NAV	-	-	-	53,113,943
	<u>\$ 128,539,673</u>	<u>-</u>	<u>-</u>	<u>181,653,616</u>

The following table summarizes investments for which fair value is measured using the net asset value per share practical expedient as of March 31, 2023 and 2022, respectively.

<u>March 31, 2023</u>	<u>Fair Value</u>	<u>Unfunded Commitments</u>	<u>Redemption Frequency (if currently eligible)</u>	<u>Redemption Notice Period</u>
Common/collective trusts:				
SEI Energy Debt CIT (a)	\$ 1,885,683	n/a	Semi-annual	95 day notice
SEI Core Property Collective Fund (a)	23,425,930	n/a	Quarterly	65 day notice
SEI Structured Credit Collective (a)	20,666,989	n/a	Quarterly	65 day notice
<u>March 31, 2022</u>	<u>Fair Value</u>	<u>Unfunded Commitments</u>	<u>Redemption Frequency (if currently eligible)</u>	<u>Redemption Notice Period</u>
Common/collective trusts:				
SEI Energy Debt CIT (a)	\$ 9,044,924	n/a	Semi-annual	95 day notice
SEI Core Property Collective Fund (a)	21,759,118	n/a	Quarterly	65 day notice
SEI Structured Credit Collective (a)	20,652,216	n/a	Quarterly	65 day notice

(a) Direct filing entity (DFE). The Plan is not required to disclose the investment strategies of DFEs that file a Form 5500 annual report directly with the U.S. Department of labor.

4. ACCUMULATED PLAN BENEFITS:

The actuarial present value of accumulated plan benefits as of March 31, 2022 is as follows:

Vested benefits:		
Participant currently receiving benefits	\$	96,234,688
Other participants		<u>72,165,819</u>
		168,400,507
Nonvested benefits		<u>4,561,188</u>
	\$	<u><u>172,961,695</u></u>

Changes in actuarial present value of accumulated plan benefits during the year ended March 31, 2022 are as follows:

Actuarial present value of accumulated plan benefits at beginning of year	\$	<u>171,034,318</u>
Change during the year attributable to:		
Benefits accumulated		3,312,469
Interest		11,520,700
Benefits paid		<u>(12,905,792)</u>
Net change		<u>1,927,377</u>
Actuarial present value of accumulated plan benefits at end of year	\$	<u><u>172,961,695</u></u>

Accumulated plan benefits are those future periodic payments that are attributable, under the Plan's provisions, to the service participants have rendered. Accumulated plan benefits include benefits expected to be paid to (a) retired or terminated participants or beneficiaries, (b) beneficiaries of participants who have died, (c) present participants or their beneficiaries.

The actuarial present value of accumulated plan benefits is determined by an actuary from The Segal Company and is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawal, or retirement) between the valuation date and the expected date of payment.

The significant actuarial assumptions used in the valuations were as follows as of March 31, 2022:

- *Mortality* –
 - Healthy: 110% of the 2014 Blue Collar Annuitant Mortality Tables, projected generationally using Scale MP-2017.
 - Disabled: 110% of the Disabled Retiree Mortality Tables, projected generationally using Scale MP-2017.
- *Form of benefit payment* – all inactive vested participants are assumed to receive the vested deferred pension at retirement. 50% of eligible retirements are summed to be paid under the partial lump sum option. Married participants are assumed to elect the 100% joint and survivor form of payment and non-married participants are assumed to elect the life only form of payment.
- *Percent married and spousal age relationship* – 85% married for participants, husbands four years older than their wives.
- *Investment return rate* – 7.00%
- *Retirement Age* – At various rates between ages 55 to 70.

The actuarial present value of accumulated plan benefits is reported based on certain assumptions pertaining to interest rates, inflation rates and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

As of April 1, 2022, the Plan was classified in the green zone under the provisions of the Pension Protection Act of 2006.

5. RELATED PARTY AND PARTY IN INTEREST TRANSACTIONS:

Certain plan investments are units of mutual funds and collective investment trusts managed by SEI Private Trust Company and Comerica Bank, the custodians of the Plan as defined by the Plan and, therefore, these transactions qualify as party in interest transactions. Fees incurred by the plan for the investment management services are included in investment income in the accompanying statement of changes in net assets available for benefits.

Contractors remit one payment for all fringe benefit contributions and dues deductions payable under the collective bargaining agreements. These are remitted to a lockbox controlled by the Administrator's Account, which is included in the financial statements of Plumbers & Steamfitters Local No. 189 Health & Welfare Plan ("Welfare Plan"). The Administrator's Account determines the allocation of the funds and disburses them to the appropriate entities. At March 31, 2023 and 2022, contributions receivable included \$1,515,843 and \$1,114,885 held by the related Administrator's Account, respectively.

The Plan is operated independently from the Plumbers & Pipefitters Local No. 189 Retirement Savings Plan and Welfare Plan, related benefit plans that utilize the same administrative personnel and office space. The Administrator's Account of the Welfare Plan generally pays any joint administrative costs and allocates such costs ratably among the plans unless it can be determined that such costs directly benefit one plan.

During the years ended March 31, 2023 and 2022, the Plan recognized \$324,802 and \$214,212, respectively, for its portion of joint administrative expenses. At March 31, 2023 and 2022, \$51,710 and \$119,064, respectively, was receivable from the Administrator's Account. In addition, \$15,974 was a payable to the Retirement Savings Plan at March 31, 2023 and 2022, respectively related to allocation of certain costs applicable between the two related pension plans.

6. PLAN TERMINATION:

In the event the Plan is terminated, the net assets of the Plan will be allocated for payment of plan benefits to the participants in order of priority determined in accordance with ERISA, applicable regulations thereunder, and the plan document. Certain benefits under the Plan are insured by the Pension Benefit Guaranty Corporation ("PBGC") if the Plan terminates. Generally, the PBGC guarantees most vested normal-age retirement benefits, early retirement benefits, and certain disability and survivor's pensions. However, the PBGC does not guarantee all types of benefits under the Plan, and the amount of benefits protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination, subject to a statutory ceiling on the amount of an individual's monthly benefit. Whether all participants receive their benefits should the Plan terminate at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated benefit obligations and the level and type of benefits guaranteed by the PBGC at that time. Some benefits may be fully or partially provided for by existing assets and the PBGC guarantee, while other benefits may not be provided for at all.

7. CREDIT RISK:

The Plan's cash balance is maintained in a financial institution through a concentration account held by the Administrator's Account, which in total held \$11,715,569 of which \$1,487,401 was allocated to the Plan and is classified as cash in the statement of net assets available for benefits as of March 31, 2023. In addition, the Administrator's Account maintains a separate depository cash account with the same financial institution, which is used to receive employer contributions and distribute the money received to the various benefit plans and funds sponsored by Plumbers and Pipefitters Local Union No. 189. At March 31, 2023, the Administrator's Account held \$9,010,395 in the depository account of which \$1,492,247 was allocated to the Plan and is classified as contribution receivable in the statement of net assets available for benefits as of March 31, 2023. Cash balances are insured by the Federal Deposit Insurance Corporation up to \$250,000 per institution. As of March 31, 2023, the Plan has not experienced any losses related to uninsured balances.

8. TAX STATUS:

The IRS has determined and informed the Plan by a letter dated November 18, 2015, that the Plan and related trust are designed in accordance with applicable sections of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the determination letter, the Plan administrator and the Plan's tax counsel believe that the Plan is designed, and is currently being operated, in compliance with the applicable requirements of the IRC and, therefore, believe that the Plan is qualified, and the related trust is tax-exempt.

Plumbers & Pipefitters Local No. 189 Pension Plan
 EIN: 31-0894807; Plan Number: 01
 Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
 March 31, 2023

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, borrower, lessor or similar party	Description of investment including maturity date, rate of interest, collateral, par, units or maturity value	Cost	Current value
	Registered investment companies:			
	Baird Aggregate Bond Fund	1,281,523	\$ 12,626,249	12,584,556
	Metropolitan West Return Bond Fund	1,408,847	13,106,051	13,017,744
	Fidelity Total Market Index Fund	568,703	62,000,000	64,644,469
	Fidelity International Index Fund	1,644,737	20,000,000	20,559,211
*	Comerica Short Term Fund	688,802	688,802	688,802
	CIFE Short-term investment	12,000,000	<u>12,000,000</u>	<u>12,000,000</u>
			<u>120,421,102</u>	<u>123,494,782</u>
	Common/collective trusts:			
*	SEI Energy Debt CIT	1,356	1,355,914	1,885,683
*	SEI Core Property Collective Fund	6,786	8,065,492	23,425,930
*	SEI Structured Credit Collective	5,582	<u>2,114,854</u>	<u>20,666,989</u>
			<u>11,536,260</u>	<u>45,978,602</u>
			\$ <u>131,957,362</u>	<u>169,473,384</u>

* Indicates party-in-interest to the Plan

Plumbers & Pipefitters Local No. 189 Pension Plan
 EIN: 31-0894807; Plan Number: 01
 Schedule H, line 4j – Schedule of Reportable Transactions
 Year Ended March 31, 2023

(a)	(b)	(c)	(d)	(g)	(h)	(i)
Identity of Party Involved	Description of Asset	Purchase Price	Selling Price	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
<u>Category (i) - Single transactions in excess of 5% of the net plan assets:</u>						
* SEI	Government Fund 114,549,110 units purchased in 1 transaction	\$ 114,549,110	-	114,549,110	114,549,110	-
* SEI	Government Fund 114,549,110 units sold in 1 transaction	-	114,549,110	114,549,110	114,549,110	-
* SEI	SEI Core Fixed Income Fund 2,207,882 units sold in 1 transaction	-	19,650,149	22,510,145	19,650,149	(2,859,996)
* SEI	SEI Limited Duration Bond Fund 1,129,411 units purchased in 1 transaction	10,774,580	-	10,774,580	10,774,580	-
* SEI	SEI Limited Duration Bond Fund 1,187,589 units sold in 1 transaction	-	11,282,092	11,328,457	11,282,092	(46,365)
* SEI	SEI S&P 500 Index A 1,737,106 units sold in 1 transaction	-	31,823,785	32,577,385	31,823,785	(753,600)
* SEI	SEI Extended Market Index Fund - A 705,905 units sold in 1 transaction	-	10,150,913	12,021,754	10,150,913	(1,870,841)
* SEI	SEI Ultra Short Duration Bond Fund 951,069 units sold in 1 transaction	-	9,282,434	9,538,391	9,282,434	(255,957)
* SEI	SEI World Equity Ex-US Fund Class A 1,597,588 units sold in 1 transaction	-	29,017,772	32,726,171	29,017,772	(3,708,399)
Baird	Baird Aggregate Bond Fund 961,538 units sold in 1 transaction	9,500,000	-	9,500,000	9,500,000	-

Plumbers & Pipefitters Local No. 189 Pension Plan
 EIN: 31-0894807; Plan Number: 01
 Schedule H, line 4j – Schedule of Reportable Transactions
 Year Ended March 31, 2023

(a)	(b)	(c)	(d)	(g)	(h)	(i)
Identity of Party Involved	Description of Asset	Purchase Price	Selling Price	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
* Comerica	Comerica Short Term Fund 114,549,110 units sold in 1 transaction	114,549,110	-	114,549,110	114,549,110	-
* Comerica	Comerica Short Term Fund 17,232,130 purchased in 1 transaction	-	17,232,130	17,232,130	17,232,130	-
* Comerica	Comerica Short Term Fund 101,000,000 shares purchased in 1 transaction	-	101,000,000	101,000,000	101,000,000	-
Fidelity	Fidelity Total Market Index Fund - INS PR 568,702.99 shares sold in 1 transaction	62,000,000	-	62,000,000	62,000,000	-
Fidelity	Fidelity Salem Street Trust Total International Index Fund INS PR 1,644,737 shares bought in 1 transaction	20,000,000	-	20,000,000	20,000,000	-
Metropolitan	Metropolitan West Funds Total Return Bond Fund Class I 1,018,221 shares bought in 1 transaction	9,500,000	-	9,500,000	9,500,000	-
* Comerica	Short Term Investment Trade Account 12,000,000 shares bought in 1 transaction	12,000,000	-	12,000,000	12,000,000	-
* SEI	SEI Core Fixed Income Fund 224,342 units purchased in 17 transactions 2,939,812 units sold in 6 transactions	682,168 -	- 26,271,344	682,168 30,042,586	682,168 26,271,344	- (3,771,242)
<u>Category (iii) - Series of transactions in excess of 5% of the net plan assets:</u>						
* SEI	SEI Limited Duration Bond Fund 1,286,007 units purchased in 15 transactions 1,286,009 units sold in 4 transactions	12,267,382 -	- 12,216,450	12,267,382 12,267,380	12,267,382 12,216,450	- (50,930)

Plumbers & Pipefitters Local No. 189 Pension Plan
 EIN: 31-0894807; Plan Number: 01
 Schedule H, line 4j – Schedule of Reportable Transactions
 Year Ended March 31, 2023

(a)	(b)	(c)	(d)	(g)	(h)	(i)
Identity of Party Involved	Description of Asset	Purchase Price	Selling Price	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
<u>Category (iii) - Series of transactions in excess of 5% of the net plan assets:</u>						
* SEI	SEI S&P 500 Index A					
	206,849 units purchased in 10 transactions	3,735,433	-	3,735,433	3,735,433	-
	1,866,020 units sold in 8 transactions	-	34,295,481	35,002,225	34,295,481	(706,744)
* SEI	SEI Extended Market Index A					
	89,511 units purchased in 9 transactions	1,275,613	-	1,275,613	1,275,613	-
	741,015 units sold in 7 transactions	-	10,700,928	12,625,139	10,700,928	(1,924,211)
* SEI	SEI Extended Market Index Fund A					
	89,712 units purchased in 9 transactions	1,275,613	-	1,275,613	1,275,613	-
	1,054,938 units sold in 3 transactions	-	10,300,466	10,580,103	10,300,466	(279,637)
* SEI	SEI World Equity Ex-US Fund Class A					
	598,524 units purchased in 8 transactions	6,408,714	-	6,408,714	6,408,714	-
	2,934,623 units sold in 5 transactions	-	31,559,558	35,615,140	31,559,558	(4,055,582)
Baird	Baird Aggregate Bond Fund					
	1,281,52 units purchased in 3 transactions	12,626,249	-	12,626,249	12,626,249	-
* Comerica	Comerica Short Term Fund					
	126,309,563 units purchased in 4 transactions	126,309,563	-	126,309,563	126,309,563	-
	125,620,761 units sold in 4 transactions	-	125,620,761	125,620,761	125,620,761	-
Metropolitan	Metropolitan West Funds Total Return Bond Fund Class I					
	1,408,847 shares bought in 1 transaction	13,106,050	-	13,106,050	13,106,050	-

* Identifies a party-in-interest to the Plan

Note: "Reportable Transactions" as defined in Section 2520.103-6 of The Department of Labor Regulations.

There were no reportable category (ii) or (iv) transactions for the year ended March 31, 2023.

Columns (e) and (f) were excluded as they were not applicable.



Summary of Plan Provisions

(Schedule MB, Line 6)

This exhibit summarizes the major provisions of the Plan included in the valuation. It is not intended to be, nor should it be interpreted as, a complete statement of all plan provisions.

Plan Year	April 1 through March 31
Beneficial Service Year	January 1 through December 31
Plan Status	Ongoing plan
Normal Retirement	<ul style="list-style-type: none"> • <i>Age Requirement:</i> 62 (57 for those who have attained age 62 by April 1, 2009) • <i>Service Requirement:</i> None • <i>Amount:</i> \$3.15 per year of Credited Past Service (Union membership prior to June 1, 1967), up to ten years; plus \$0.0072 for each hour of contribution from June 1, 1967 through December 31, 1969; plus \$0.0089 for each hour of contribution from January 1, 1970 through December 31, 1970; plus \$0.0110 for each hour of contribution from January 1, 1971 through December 31, 1971; plus \$0.0132 for each hour of contribution from January 1, 1972 through December 31, 1972; plus \$0.0155 for each hour of contribution from January 1, 1973 through December 31, 1975; plus \$0.0177 for each hour of contribution from January 1, 1976 through December 31, 1976; plus \$0.0311 for each hour of contribution from January 1, 1977 through December 31, 1977; plus \$0.0376 for each hour of contribution from January 1, 1978 through December 31, 1979; plus \$0.0421 for each hour of contribution from January 1, 1980 through December 31, 1980; plus \$0.0427 for each hour of contribution from January 1, 1981 through December 31, 1985; plus \$0.0457 for each hour of contribution from January 1, 1986 through December 31, 1986; plus \$0.0458 for each hour of contribution from January 1, 1987 through December 31, 1999; plus \$0.0471 for each hour of contribution from January 1, 2000 through May 31, 2009; plus \$0.0200 for each hour of contribution earned on or after June 1, 2009 • <i>Delayed Retirement Amount:</i> The greater of: <ul style="list-style-type: none"> – Normal pension accrued at Normal Retirement Age (NRA), increased by 0.75% for each month of age greater than NRA for 60 months, and 1.25% for each month thereafter; and – Normal pension accrued at the date of retirement

Early Retirement	<ul style="list-style-type: none"> • <i>Age Requirement:</i> 55 • <i>Service Requirement:</i> 10 years of Beneficial Service • <i>Amount:</i> Normal pension accrued reduced by 0.5% for each month of age less than 57.
Disability Benefit	<ul style="list-style-type: none"> • <i>Age Requirement:</i> None • <i>Service Requirement:</i> 10 years of Beneficial Service • <i>Amount:</i> <ul style="list-style-type: none"> – Normal pension accrued, with a minimum of \$200 per month, payable immediately. – Benefit reduced by half after 24 months if the participant is not awarded a Social Security disability benefit within that period. – Benefit ceases at age 57 when the Normal/Early pension becomes payable. <p>A pre-retirement death benefit is payable if the participant dies while receiving the disability benefit.</p>
Termination Benefits:	
Vested Deferred Benefit (not payable if the Lump-Sum Benefit is paid)	<ul style="list-style-type: none"> • <i>Age Requirement:</i> None • <i>Service Requirement:</i> 5 years of Beneficial Service • <i>Amount:</i> Normal or early retirement benefit accrued • <i>Normal Retirement Age:</i> 62 (57 for those who have attained age 62 by April 1, 2009)
Lump-Sum Benefit	<ul style="list-style-type: none"> • <i>Age Requirement:</i> None • <i>Service Requirement:</i> 10 years of Beneficial Service and 27,000 hours of contributions • <i>Amount:</i> Greater of <ul style="list-style-type: none"> – 100% of contributions made on behalf of the participant; and – Actuarial equivalent of vested deferred pension • <i>When paid:</i> 1 year after submission of an application of benefit
Supplemental Benefit	<ul style="list-style-type: none"> • <i>Service Requirement:</i> 25 years of Beneficial Service • <i>Amount:</i> \$750 monthly benefit payable from age 57 (or immediately after retirement, if later) until age 62 (or death whichever is earlier). This benefit is reduced by 20% or 50%, based on the amount of partial lump sum elected for benefits accrued on or before March 31, 2018.

Pre-Retirement Death Benefit:

Spouse's Benefit

- *Age Requirement:* None
- *Service Requirement:* 5 years of Beneficial Service
- *Amount:* 100% of the benefit participant would have received had he or she retired the day before he or she died and elected the 100% joint and survivor option. If the participant died prior to eligibility for an immediate retirement benefit, payment begins at the participant's earliest retirement date.

Lump-sum Benefit (in lieu of Spouse's Benefit)

- *Age Requirement:* None
- *Service Requirement:* None
- *Amount:* Greater of
 - 100% of contributions made on behalf of the participant
 - Actuarial present value of Spouse's Benefit, if vested and married

Normal Forms of Payment

- *100% Joint and Survivor Annuity:* If married, pension benefits are paid in the form of a 100% joint and survivor annuity unless this form is rejected by the participant and spouse. If not rejected, the benefit amount otherwise payable is reduced to reflect the joint and survivor coverage.
- *Life Annuity:* If not married, benefits are payable for the life of the participant.

Optional Forms of Payment

- Life Annuity, if married
- Five Years Certain and Life Annuity
- Ten Years Certain and Life Annuity
- 50% Joint and Survivor Annuity, if married
- 50% Joint and Survivor Annuity with Reversion, if married
- 100% Joint and Survivor Annuity with Reversion, if married
- Partial Lump Sum (20% for benefits accrued on or after April 1, 2018 and 20% or 50% for benefits accrued on or before March 31, 2018), in combination with any one of the above options

Optional Form Conversion Factors

- Five Years Certain and Life Annuity: 99.0%
- Ten Years Certain and Life Annuity: 96.0%
- 50% Joint and Survivor Annuity: 92.0% +/- 0.5% x (spouse age minus participant age)
 - With Reversion: 98.5% of the above factor
- 100% Joint and Survivor Annuity: 85.0% +/- 0.7% x (spouse age minus participant age)
 - With Reversion: 97.5% of the above factor
- Partial Lump Sum – Amount such that the total benefit is actuarially equivalent to the Single Life Annuity with the annuity benefit reduced by 20% (or 50% for pre-March 31, 2018 benefits) and the balance paid as a lump sum. Actuarial equivalence is based on IRC Section 417(e) segment rates and mortality.

Participation	Participants enter the Plan on the later of: <ul style="list-style-type: none">• The first day of which the Employer becomes obligated to make contributions to the Plan on their behalf; and• The date on which such contributions are actually received by the Plan.
Beneficial Service	One year of beneficial service for each year a participant receives at least 150 credited hours in any job classification for an employer belonging to a collective bargaining agreement with the Union. If a participant fails to receive 150 credited hours in three consecutive years, no beneficial service will be earned until the participant receives at least 870 credited hours in a year.
Contribution Rate	\$5.60 per hour effective June 1, 2018
Changes in Plan Provisions	There were no changes in plan provisions reflected in this actuarial valuation.

Plumbers & Pipefitters Local No. 189 Pension Plan
 EIN: 31-0894807; Plan Number: 01
 Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
 March 31, 2023

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, borrower, lessor or similar party	Description of investment including maturity date, rate of interest, collateral, par, units or maturity value	Cost	Current value
	Registered investment companies:			
	Baird Aggregate Bond Fund	1,281,523	\$ 12,626,249	12,584,556
	Metropolitan West Return Bond Fund	1,408,847	13,106,051	13,017,744
	Fidelity Total Market Index Fund	568,703	62,000,000	64,644,469
	Fidelity International Index Fund	1,644,737	20,000,000	20,559,211
*	Comerica Short Term Fund	688,802	688,802	688,802
	CIFE Short-term investment	12,000,000	<u>12,000,000</u>	<u>12,000,000</u>
			<u>120,421,102</u>	<u>123,494,782</u>
	Common/collective trusts:			
*	SEI Energy Debt CIT	1,356	1,355,914	1,885,683
*	SEI Core Property Collective Fund	6,786	8,065,492	23,425,930
*	SEI Structured Credit Collective	5,582	<u>2,114,854</u>	<u>20,666,989</u>
			<u>11,536,260</u>	<u>45,978,602</u>
			\$ <u>131,957,362</u>	<u>169,473,384</u>

* Indicates party-in-interest to the Plan

Schedule of FSA Bases (Charges) (Schedule MB, Line 9c)

Type of Base	Date Established	Outstanding Balance	Years Remaining	Amortization Amount
Plan Amendment	02/01/1993	\$149,707	0.83	\$149,707
Plan Amendment	08/01/1993	321,963	1.33	244,759
Plan Amendment	02/01/1994	403,694	1.83	226,778
Plan Amendment	02/01/1996	889,975	3.83	255,050
Plan Amendment	02/01/1997	1,193,881	4.83	280,179
Plan Amendment	04/01/1998	1,868,872	6	366,431
Plan Amendment	04/01/1999	904,046	7	156,774
Plan Amendment	04/01/2000	3,353,269	8	524,827
Plan Amendment	04/01/2002	148,752	10	19,793
Change in Assumptions	04/01/2002	1,328,813	10	176,816
Change in Assumptions	04/01/2003	263,711	11	32,867
Change in Assumptions	04/01/2006	1,927,409	14	205,971
Change in Assumptions	04/01/2007	685,378	15	70,328
Change in Assumptions	04/01/2008	36,426	1	36,426
Experience Loss	04/01/2008	371,663	1	371,663
Change in Assumptions	04/01/2009	123,158	2	63,661
Experience Loss	04/01/2009	754,360	2	389,935
Base due to Mar. 31, 2009 Investment Loss	04/01/2009	23,955,665	16	2,369,991
Change in Assumptions	04/01/2012	1,116,489	5	254,487
Experience Loss	04/01/2012	1,564,152	5	356,525
Change in Assumptions	04/01/2013	1,533,086	6	300,593
Change in Assumptions	04/01/2015	37,521	8	5,872
Experience Loss	04/01/2015	3,298,522	8	516,258
Experience Loss	04/01/2016	3,644,662	9	522,810

Schedule of FSA Bases (Charges) (Schedule MB, Line 9c) (continued)

Type of Base	Date Established	Outstanding Balance	Years Remaining	Amortization Amount
Experience Loss	04/01/2017	3,344,123	10	444,979
Experience Loss	04/01/2018	1,465,402	11	182,637
Change in Assumptions	04/01/2018	4,869,733	11	606,928
Experience Loss	04/01/2019	888,720	12	104,572
Change in Assumptions	04/01/2020	4,483,545	13	501,364
Experience Loss	04/01/2020	6,680,095	13	746,990
Total		\$71,606,792		\$10,485,971

Schedule of FSA Bases (Credits) (Schedule MB, Line 9h)

Type of Base	Date Established	Outstanding Balance	Years Remaining	Amortization Amount
Experience Gain	04/01/2011	\$315,640	4	\$87,090
Experience Gain	04/01/2013	2,344,105	6	459,611
Experience Gain	04/01/2014	2,737,074	7	474,648
Experience Gain	04/01/2021	2,903,186	14	310,247
Experience Gain	04/01/2022	508,075	15	52,134
Total		\$8,808,080		\$1,383,730

Justification for Change in Actuarial Assumptions (Schedule MB, line 11)	Based on past experience and future expectations, the following actuarial assumption was changed effective April 1, 2022: Average hours for future benefit accruals and contributions (previously, 1,800 hours per active employee per year)
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