

Form 5500-SF

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation

Short Form Annual Return/Report of Small Employee Benefit Plan

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

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

OMB Nos. 1210-0110 1210-0089

2024

This Form is Open to Public Inspection

Part I Annual Report Identification Information

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

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

Part II Basic Plan Information—enter all requested information

1a Name of plan: QUAL CHEM, LLC CASH BALANCE PENSION PLAN
1b Three-digit plan number (PN): 002
1c Effective date of plan: 01/01/2014
2a Plan sponsor's name (employer, if for a single-employer plan): QUAL CHEM, LLC
2b Employer Identification Number (EIN): 32-0074193
2c Sponsor's telephone number: 330-867-2227
2d Business code (see instructions): 325900
3a Plan administrator's name and address: [X] Same as Plan Sponsor.
3b Administrator's EIN
3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report.
4b EIN
4d PN
5a Total number of participants at the beginning of the plan year: 16
5b Total number of participants at the end of the plan year: 17
5c(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)
5c(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)
5d(1) Total number of active participants at the beginning of the plan year: 10
5d(2) Total number of active participants at the end of the plan year: 11
5e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested: 0

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established. Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, Enter name of individual signing as plan administrator. Row 1: Filed with authorized/valid electronic signature, 09/29/2025, CLAUDIA MOLDOVAN CREA. Row 2: Signature of employer/plan sponsor, Date, Enter name of individual signing as employer or plan sponsor.

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) Yes No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) Yes No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? Yes No Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year: 552851. (See instructions.)

Part III Financial Information			
7		(a) Beginning of Year	(b) End of Year
a	Total plan assets	4007517	4588430
b	Total plan liabilities	0	0
c	Net plan assets (subtract line 7b from line 7a)	4007517	4588430
8		(a) Amount	(b) Total
a	Contributions received or receivable from:		
(1)	Employers	350000	
(2)	Participants	0	
(3)	Others (including rollovers)	0	
b	Other income (loss)	230913	
c	Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)		580913
d	Benefits paid (including direct rollovers and insurance premiums to provide benefits)	0	
e	Certain deemed and/or corrective distributions (see instructions) .	0	
f	Administrative service providers (salaries, fees, commissions)	0	
g	Other expenses	0	
h	Total expenses (add lines 8d, 8e, 8f, and 8g)		0
i	Net income (loss) (subtract line 8h from line 8c)		580913
j	Transfers to (from) the plan (see instructions)	0	

Part IV Plan Characteristics	
9a	If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions: 1A 1C 3D 3H
b	If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions				
10		Yes	No	Amount
a	Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program)		X	
b	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)		X	
c	Was the plan covered by a fidelity bond?	X		500000
d	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
e	Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	X		2666
f	Has the plan failed to provide any benefit when due under the plan?		X	
g	Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)		X	
h	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
i	If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3			

Part VI Pension Funding Compliance

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

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

b PBGC missed contribution reporting requirements. If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

Yes.

No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

No. Other. Provide explanation _____

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

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

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

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

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

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

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

Part VII Plan Terminations and Transfers of Assets

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

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

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

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

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

Part VIII IRS Compliance Questions

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

14b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).

Design-based safe harbor method

"Prior year" ADP test

"Current year" ADP test

N/A

15 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 08 / 31 / 2023 (MM/DD/YYYY) and the Opinion Letter serial number Q705464A.

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **Round off amounts to nearest dollar.**

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

A Name of plan <u>QUAL CHEM, LLC CASH BALANCE PENSION PLAN</u>	B Three-digit plan number (PN) ▶	<u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>QUAL CHEM, LLC</u>	D Employer Identification Number (EIN) <u>32-0074193</u>	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

Part I Basic Information			
1 Enter the valuation date:	Month <u>01</u>	Day <u>01</u>	Year <u>2024</u>
2 Assets:			
a Market value	2a	<u>3996550</u>	
b Actuarial value	2b	<u>3996550</u>	
3 Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	<u>0</u>	<u>0</u>	<u>0</u>
b For terminated vested participants	<u>6</u>	<u>10827</u>	<u>10827</u>
c For active participants	<u>10</u>	<u>4041419</u>	<u>4045430</u>
d Total	<u>16</u>	<u>4052246</u>	<u>4056257</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
a Funding target disregarding prescribed at-risk assumptions	4a		
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5 Effective interest rate	5	<u>5.02 %</u>	
6 Target normal cost			
a Present value of current plan year accruals	6a	<u>217403</u>	
b Expected plan-related expenses	6b	<u>0</u>	
c Target normal cost	6c	<u>217403</u>	

Statement by Enrolled Actuary

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

SIGN HERE		
	Signature of actuary	<u>09/26/2025</u> Date
	<u>JONATHAN T. MURELLO</u> Type or print name of actuary	<u>23-08178</u> Most recent enrollment number
	<u>DUNBAR, BENDER & ZAPF, INC.</u> Firm name	<u>412-263-0102</u> Telephone number (including area code)
	<u>400 HOLIDAY DRIVE SUITE 102 PITTSBURGH, PA 15220</u> Address of the firm	

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

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

Schedule SB (Form 5500) 2024 v. 240311

Part V Assumptions Used to Determine Funding Target and Target Normal Cost				
21 Discount rate:				
a Segment rates:	1st segment: 4.75 %	2nd segment: 4.87 %	3rd segment: 5.59 %	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code)				21b 4
22 Weighted average retirement age				22 64
23 Mortality table(s) (see instructions)	<input checked="" type="checkbox"/> Prescribed - combined	<input type="checkbox"/> Prescribed - separate	<input type="checkbox"/> Substitute	

Part VI Miscellaneous Items				
24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment..... <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment..... <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
26 Demographic and benefit information				
a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ... <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....				27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years				
28 Unpaid minimum required contributions for all prior years				28 0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....				29 0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....				30 0

Part VIII Minimum Required Contribution For Current Year				
31 Target normal cost and excess assets (see instructions):				
a Target normal cost (line 6c)				31a 217403
b Excess assets, if applicable, but not greater than line 31a				31b 0
32 Amortization installments:	Outstanding Balance		Installment	
a Net shortfall amortization installment	59707		7394	
b Waiver amortization installment	0		0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount				33
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....				34 224797
	Carryover balance	Prefunding balance	Total balance	
35 Balances elected for use to offset funding requirement	0	0	0	
36 Additional cash requirement (line 34 minus line 35)				36 224797
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)				37 313633
38 Present value of excess contributions for current year (see instructions)				
a Total (excess, if any, of line 37 over line 36)				38a 88836
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances				38b 0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)				39 0
40 Unpaid minimum required contributions for all years				40 0

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)				
41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input type="checkbox"/> 2021				

Plan Name: Qual Chem, LLC Cash Balance Pension Plan

Sponsor EIN: 32-0074193

Plan Number: 002

Plan Year: 01/01/2024 - 12/31/2024

Schedule SB, line 26a - Schedule of Active Participant Data

Attained Age	Years of Credited Service									
	Under 1 No.	1 to 4 No.	5 to 9 No.	10 to 14 No.	15 to 19 No.	20 to 24 No.	25 to 29 No.	30 to 34 No.	35 to 39 No.	40 & up No.
Under 25										
25 to 29		1								
30 to 34		1								
35 to 39				2						
40 to 44		1								
45 to 49		1	1	1						
50 to 54										
55 to 59										
60 to 64										
65 to 69										
70 & up				2						

Plan Name: Qual Chem, LLC Cash Balance Pension Plan

Sponsor EIN: 32-0074193

Plan Number: 002

Plan Year: 01/01/2024 - 12/31/2024

Schedule SB, Part V - Schedule of Actuarial Assumptions and Methods

Minimum Required Contribution (IRC 430)

Cost Method	IRC 430 Mandated (ARPA Shortfall = Yes)
Segment Rate Lookback Months	4
Asset Valuation Method	Fair market value
Expense Load	None

	<u>Pre-Retirement</u>	<u>Post Retirement</u>
Interest Rates		
Segment 1	4.75%	4.75%
Segment 2	4.87%	4.87%
Segment 3	5.59%	5.59%
Mortality	None	IRC 430(h)(3)(a) (projected RP-2014) Separate male/female
Future Interest Crediting Rate	5.00%	
Salary Scale		
Male	0.00%	
Female	0.00%	
Probability of Lump Sum	100.00%	
Turnover	None	

**SCHEDULE SB
(Form 5500)**

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

**Single-Employer Defined Benefit Plan
Actuarial Information**

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2024

This Form is Open to Public Inspection

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

▶ **Round off amounts to nearest dollar.**

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

A Name of plan Qual Chem, LLC Cash Balance Pension Plan	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Qual Chem, LLC	D Employer Identification Number (EIN) 32-0074193	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2024

2 Assets:

a Market value	2a	3,996,550
b Actuarial value	2b	3,996,550

3 Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment.....	0	0	0
b For terminated vested participants	6	10,827	10,827
c For active participants.....	10	4,041,419	4,045,430
d Total.....	16	4,052,246	4,056,257

4 If the plan is in at-risk status, check the box and complete lines (a) and (b)

a Funding target disregarding prescribed at-risk assumptions	4a	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	

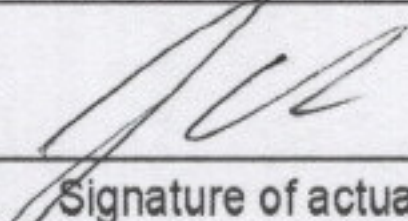
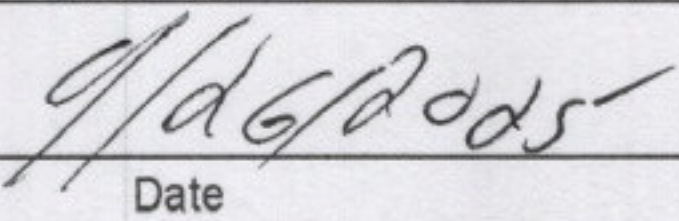
5 Effective interest rate **5** 5.02%

6 Target normal cost

a Present value of current plan year accruals	6a	217,403
b Expected plan-related expenses	6b	0
c Target normal cost	6c	217,403

Statement by Enrolled Actuary

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

SIGN HERE	 Signature of actuary	 Date
	JONATHAN T. MURELLO Type or print name of actuary	2308178 Most recent enrollment number
	DUNBAR, BENDER & ZAPF, INC. Firm name	412-263-0102 Telephone number (including area code)

400 Holiday Drive
Suite 102
PITTSBURGH PA 15220
Address of the firm

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

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

Schedule SB (Form 5500) 2024
v. 240311

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

21 Discount rate:

a Segment rates:

1st segment: 4.75 %	2nd segment: 4.87 %	3rd segment: 5.59 %	<input type="checkbox"/> N/A, full yield curve used
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b Applicable month (enter code)..... **21b** 4

22 Weighted average retirement age **22** 64

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

Part VI Miscellaneous Items

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

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

26 Demographic and benefit information

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

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

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

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

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

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

Part VIII Minimum Required Contribution For Current Year

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

a Target normal cost (line 6c)..... **31a** 217,403

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

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	59,707	7,394
b Waiver amortization installment	0	0

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

34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).... **34** 224,797

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

36 Additional cash requirement (line 34 minus line 35)..... **36** 224,797

37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)..... **37** 313,633

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

a Total (excess, if any, of line 37 over line 36)..... **38a** 88,836

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

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

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

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

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

Plan Name: Qual Chem, LLC Cash Balance Pension Plan

Sponsor EIN: 32-0074193

Plan Number: 002

Plan Year: 01/01/2024 - 12/31/2024

Schedule SB, line 19 - Discounted Employer Contributions

Date	Deposit Amount	IRC 430 Year	Effective Rate	Quarterly Penalty Rate	Effective Interest	Late Quarterly Penalty Interest	Applied to IRC 430 Minimum
09/08/2025	\$350,000	2024	5.02%	10.02%	(27,725)	(8,642)	\$313,633
Totals	\$350,000						\$313,633

Plan Name: Qual Chem, LLC Cash Balance Pension Plan

Sponsor EIN: 32-0074193

Plan Number: 002

Plan Year: 01/01/2024 - 12/31/2024

Schedule SB, line 22 - Description of Weighted Average Retirement Age

<u>Age</u>	<u>Retirement Probability</u>	<u>Weight</u>
62	100%	80.00
72	100%	10.00
74	100%	10.00

Weighted Retirement Age is 64.20.

The age reported is the weighted average of the Normal Retirement Ages for all active employees as of the valuation date, rounded to the nearest whole age. For an active late retiree, the assumed retirement age may be later than the Plan's Normal Retirement Age. Each participant's rate of retirement is assumed to be 100% at his or her assumed retirement age.

Plan Name: Qual Chem, LLC Cash Balance Pension Plan

Sponsor EIN: 32-0074193

Plan Number: 002

Plan Year: 01/01/2024 - 12/31/2024

Schedule SB, Part V - Summary of Plan Provisions

Effective Date 01/01/2014

Plan Year End 12/31

Eligible Employees All employees (excluding CBA (union employees), leased employees, non-resident aliens, any Employee employed by an Affiliated Employer, and any employee not reported as a "common law employee")

Eligibility Requirements

Minimum Age 21

Minimum Service 1 year(s)

Entry Dates First day of each plan quarter (coincident with or next following)

Benefit Formula Cash balance

Participant	Percentage / Dollar Amount
Joseph Moldovan	2.00% of Compensation
Claudia Crea	43.00% of Compensation
Head of Maintenance	\$16,600
Ryan Molinelli	\$17,500
Non-Owner HCEs	5.00% of Compensation
Each Other Participant	9.00% of Compensation

Normal Retirement

Age 62

Service 5 Years of Eligibility Service

Date First day of calendar month coincident or next following NRA

Early Retirement N/A

Normal Benefit Form Single life annuity

Actuarial Equivalence

Interest Rates Pre-Retirement 5.00%

Post Retirement

5.50%

Mortality None

Applicable (IRC 417(e)(3))

Plan Name: Qual Chem, LLC Cash Balance Pension Plan

Sponsor EIN: 32-0074193

Plan Number: 002

Plan Year: 01/01/2024 - 12/31/2024

Schedule SB, line 32 - Schedule of Amortization Bases

<u>Date Established</u>	<u>Initial Amount</u>	<u>Remaining Years</u>	<u>Present Value</u>	<u>Installment</u>
<u>Shortfall Bases</u>				
01/01/2024	\$(379,844)	15	\$(379,844)	\$(34,558)
01/01/2023	458,087	14	439,551	41,952
Total			\$59,707	\$7,394

Plan Name: Qual Chem, LLC Cash Balance Pension Plan

Sponsor EIN: 32-0074193

Plan Number: 002

Plan Year: 01/01/2024 - 12/31/2024

Schedule SB, line 24 – Change in Actuarial Assumptions

Non-Prescribed Assumption Changes

The assumed retirement dates for Joseph Moldovan and Jerry Justiss were updated to 1/1/2025 in order to better reflect the anticipated experience of the plan.