

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 <h1 style="text-align: center;">2023</h1> This Form is Open to Public Inspection
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Part I Annual Report Identification Information
 For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A This return/report is for: a multiemployer plan a multiple-employer plan (Filers checking this box must provide 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 <u>PQ LLC. SAVINGS AND RETIREMENT PLAN</u>	1b Three-digit plan number (PN) ▶ <u>001</u>
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) <u>PQ LLC</u> <u>300 LINDENWOOD DRIVE</u> <u>MALVERN, PA 19355</u>	1c Effective date of plan <u>01/01/2022</u> 2b Employer Identification Number (EIN) <u>23-0972750</u> 2c Plan Sponsor's telephone number <u>610-651-4200</u> 2d Business code (see instructions) <u>325100</u>

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.	10/08/2024	BETTY STEVENS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/08/2024	MICHELLE DONOHUE
	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 <input checked="" type="checkbox"/> 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: a Sponsor's name c Plan Name	4b EIN	
	4d PN	
5 Total number of participants at the beginning of the plan year	5	343
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 a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1)	319
	6a(2)	303
	6b	1
	6c	34
	6d	338
	6e	0
	6f	338
	6g(1)	339
	6g(2)	333
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
2E 2F 2G 2J 2K 2S 2T 3D

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)	9b Plan benefit arrangement (check all that apply)
(1) <input type="checkbox"/> Insurance	(1) <input type="checkbox"/> Insurance
(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts	(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts
(3) <input checked="" type="checkbox"/> Trust	(3) <input checked="" type="checkbox"/> Trust
(4) <input type="checkbox"/> General assets of the sponsor	(4) <input type="checkbox"/> 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	b General Schedules
(1) <input checked="" type="checkbox"/> R (Retirement Plan Information)	(1) <input checked="" type="checkbox"/> H (Financial Information)
(2) <input type="checkbox"/> MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary	(2) <input type="checkbox"/> I (Financial Information – Small Plan)
(3) <input type="checkbox"/> SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	(3) <input type="checkbox"/> A (Insurance Information) – Number Attached _____
(4) <input type="checkbox"/> DCG (Individual Plan Information) – Number Attached _____	(4) <input checked="" type="checkbox"/> C (Service Provider Information)
(5) <input type="checkbox"/> MEP (Multiple-Employer Retirement Plan Information)	(5) <input type="checkbox"/> D (DFE/Participating Plan Information)
	(6) <input type="checkbox"/> 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 2023 Form M-1 annual report. If the plan was not required to file the 2023 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 _____

SCHEDULE C (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>	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2023 This Form is Open to Public Inspection.
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For calendar plan year 2023 or fiscal plan year beginning **01/01/2023** and ending **12/31/2023**

A Name of plan PQ LLC. SAVINGS AND RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 PQ LLC	D Employer Identification Number (EIN) 23-0972750	

Part I Service Provider Information (see instructions)

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

THE VANGUARD GROUP, INC.

23-1945930

(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)

VANGUARD ADVISERS INC.

23-2811930

(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?
26	NONE	49118	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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

THE VANGUARD GROUP, INC.

23-1945930

(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 25 37 52 99	NONE	30859	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

(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 <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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
THE VANGUARD GROUP, INC.	99	0
(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.	
FIDELITY INVESTMENTS 04-2033129	25 BPS	
(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

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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 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 2023 This Form is Open to Public Inspection
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A Name of plan PQ LLC. SAVINGS AND RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 PQ LLC	D Employer Identification Number (EIN) 23-0972750

Part I	Asset and Liability Statement
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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.

		(a) Beginning of Year	(b) End of Year
Assets			
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	1108783	1200199
(2) Participant contributions	1b(2)		
(3) Other	1b(3)		
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)	1042595	1120759
(9) Value of interest in common/collective trusts	1c(9)		
(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)	64076081	70534493
(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	66227459	72855451
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	66227459	72855451

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)	1979252	
(B) Participants	2a(1)(B)	2643600	
(C) Others (including rollovers)	2a(1)(C)	722994	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A), (B), (C), and line 2a(2)	2a(3)		5345846
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)	65313	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		65313
(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)	2261012	
(D) Total dividends. Add lines 2b(2)(A), (B), and (C)	2b(2)(D)		2261012
(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)		
(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)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		
(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)		7935321
c Other income	2c		273
d Total income. Add all income amounts in column (b) and enter total	2d		15607765

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	8901235	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other.....	2e(3)	412	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		8901647
f Corrective distributions (see instructions).....	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances.....	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Recordkeeping fees.....	2i(3)		
(4) IQPA audit fees.....	2i(4)		
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)	78126	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		78126
j Total expenses. Add all expense amounts in column (b) and enter total	2j		8979773

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		6627992
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: **URISH POPECK & CO., LLC**

(2) EIN: **25-1306171**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

- (1) This form is filed for a CCT, PSA, DCG 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. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	752177
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.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e Was this plan covered by a fidelity bond?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
l Has the plan failed to provide any benefit when due under the plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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.	<input type="checkbox"/>	<input type="checkbox"/>	

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 _____.

SCHEDULE R (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>	Retirement Plan Information 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). ▶ File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2023 This Form is Open to Public Inspection.
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For calendar plan year 2023 or fiscal plan year beginning **01/01/2023** and ending **12/31/2023**

A Name of plan PQ LLC. SAVINGS AND RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 PQ LLC	D Employer Identification Number (EIN) 23-0972750	

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	
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): <u>23-2186884</u>		
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	

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.)
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4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> 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?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> 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?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> 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.	<input type="checkbox"/> Increase	<input type="checkbox"/> Decrease	<input type="checkbox"/> Both	<input type="checkbox"/> No
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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?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
11 a Does the ESOP hold any preferred stock?	<input type="checkbox"/> Yes	<input type="checkbox"/> 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.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

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 _____

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): _____

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: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment)	14a	
b The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
c The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	14c	

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) and (b):

a Enter the percentage of plan assets held as:
 Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____%
 High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:
 0-5 years 5-10 years 10-15 years 15 years or more

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.....

Part VII IRS Compliance Questions

21a 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

21b 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

22 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 06 / 30 / 2020 (MM/DD/YYYY) and the Opinion Letter serial number Q703218A.

Independent Auditors' Report

To the Participants and Plan Administrator of the
PQ LLC Savings and Retirement Plan
Malvern, Pennsylvania

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed an audit of the financial statements of the PQ LLC Savings and Retirement Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C). The financial statements comprise the statements of net assets available for benefits as of December 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.

Management, having determined it is permissible in the circumstances, has elected to have the audit of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA (ERISA Section 103(a)(3)(C) audit). As permitted by ERISA Section 103(a)(3)(C), our audit needs not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency (qualified institution), provided that the investment information is prepared and certified to by the qualified institution in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Management has obtained a certification from a qualified institution as of December 31, 2023 and 2022, and for the years then ended, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and the procedures performed as described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report

- the amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (GAAP); and
- the certified investment information in the accompanying financial statements agrees to, or is derived from, in all material respects, the information prepared and certified by a qualified institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) 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 GAAP, 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. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

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 the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is responsible for maintaining a current plan instrument, including all plan amendments. Management is also responsible for 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.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the *Scope and Nature of the ERISA Section 103(a)(3)(C) Audit* section of our report, 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 auditor's 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 the 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 the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of GAAP.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with GAAP.

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.

Other Matter — Supplemental Schedules Required by ERISA

The supplemental schedules, Schedule H, Line 4a – Schedule of Delinquent Participant Contributions for the year ended December 31, 2022 and Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2023, are presented for purposes of additional analysis and are not a required part of the financial statements but is supplementary information required by the DOL'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 included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit 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. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- the certified investment information in the supplemental schedules agrees to, or is derived from, in all material respects, the information prepared and certified by a qualified institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Urish Popeck + Co., LLC

October 2, 2024
State College, Pennsylvania

PQ LLC Savings and Retirement Plan

Schedule H, Line 4a – Schedule of Delinquent Participant Contributions

EIN: 23-0972750
Plan Number: 001

	<i>Total that Constitute Nonexempt Prohibited Transactions</i>				Total Fully Corrected Under VFCP and PTE 2002-51
Year	Participant Contributions and Loan Repayments Transferred Late to Plan	Contributions not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	
2022	\$ 752,177	\$ -	\$ 752,177	\$ -	-

* Required earnings for \$336,412 and \$415,765 of the untimely remittances were remitted to the Plan during the 2022 and 2023 plan years, respectively.

See the accompanying Independent Auditors' Report.



PQ LLC Savings and Retirement Plan

Financial Statements

**As of and for the Years Ended
December 31, 2023 and 2022**

and Supplemental Schedules

**As of December 31, 2023 and
for the Year Ended December 31, 2022**

PQ LLC Savings and Retirement Plan

Contents

Independent Auditors' Report	1-4
Financial Statements	
Statements of Net Assets Available for Benefits	5
Statements of Changes in Net Assets Available for Benefits	6
Notes to Financial Statements	7-14
Supplemental Schedules	
Schedule H, Line 4a – Schedule of Delinquent Participant Contributions	15
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)	16

Independent Auditors' Report

To the Participants and Plan Administrator of the
PQ LLC Savings and Retirement Plan
Malvern, Pennsylvania

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed an audit of the financial statements of the PQ LLC Savings and Retirement Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C). The financial statements comprise the statements of net assets available for benefits as of December 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.

Management, having determined it is permissible in the circumstances, has elected to have the audit of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA (ERISA Section 103(a)(3)(C) audit). As permitted by ERISA Section 103(a)(3)(C), our audit needs not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency (qualified institution), provided that the investment information is prepared and certified to by the qualified institution in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Management has obtained a certification from a qualified institution as of December 31, 2023 and 2022, and for the years then ended, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and the procedures performed as described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report

- the amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (GAAP); and
- the certified investment information in the accompanying financial statements agrees to, or is derived from, in all material respects, the information prepared and certified by a qualified institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) 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 GAAP, 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. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

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 the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is responsible for maintaining a current plan instrument, including all plan amendments. Management is also responsible for 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.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the *Scope and Nature of the ERISA Section 103(a)(3)(C) Audit* section of our report, 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 auditor's 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 the 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 the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of GAAP.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with GAAP.

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.

Other Matter — Supplemental Schedules Required by ERISA

The supplemental schedules, Schedule H, Line 4a – Schedule of Delinquent Participant Contributions for the year ended December 31, 2022 and Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2023, are presented for purposes of additional analysis and are not a required part of the financial statements but is supplementary information required by the DOL'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 included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit 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. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- the certified investment information in the supplemental schedules agrees to, or is derived from, in all material respects, the information prepared and certified by a qualified institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Urish Popeck + Co., LLC

October 2, 2024
State College, Pennsylvania

PQ LLC Savings and Retirement Plan

Statements of Net Assets Available for Benefits

<i>December 31,</i>	2023	2022
Assets		
Investments, at fair value		
Mutual funds	\$ 70,534,493	\$ 64,076,081
Receivables		
Notes receivable from participants	1,120,759	1,042,595
Employer contributions	1,200,199	1,108,783
Total receivables	2,320,958	2,151,378
Net assets available for benefits	\$ 72,855,451	\$ 66,227,459

The accompanying notes are an integral part of these financial statements.

PQ LLC Savings and Retirement Plan

Statements of Changes in Net Assets Available for Benefits

<i>Years Ended December 31,</i>	2023	2022
Additions:		
Dividend and interest income	\$ 2,261,012	\$ 2,414,115
Interest income on notes receivable from participants	65,313	44,964
Contributions		
Participants	2,643,600	2,613,940
Employer	1,979,252	3,074,995
Rollovers	722,994	455,924
Total contributions	5,345,846	6,144,859
Total additions	7,672,171	8,603,938
Deductions:		
Benefits paid to participants	8,901,647	7,435,220
Administrative expenses	78,126	67,041
Total deductions	8,979,773	7,502,261
Net appreciation (depreciation) in fair value of investments	7,935,594	(13,450,058)
Net increase (decrease)	6,627,992	(12,348,381)
Transfers in	-	78,575,840
Net assets available for benefits, beginning of year	66,227,459	-
Net assets available for benefits, end of year	\$ 72,855,451	\$ 66,227,459

The accompanying notes are an integral part of these financial statements.

PQ LLC Savings and Retirement Plan

Notes to Financial Statements December 31, 2023 and 2022

1. Plan Description

The following description of the PQ LLC Savings and Retirement Plan (the Plan) provides only general information. Participants should refer to the Plan document or the summary plan description for a more complete description of the Plan's provisions.

The Plan was amended to change the plan name from the PQ Performance Chemicals Savings Plan to the PQ LLC Savings and Retirement Plan effective April 13, 2023.

General

The Plan is a participant-directed defined contribution plan covering all eligible employees, as defined by the Plan, of PQ LLC (the Company) who elect to participate. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA). The Company is the sponsor of the Plan.

Contributions

Participating employees may contribute any percentage of compensation or dollar amount subject to Internal Revenue Code limitations for a calendar year. After-tax contributions are also permitted. Participants are automatically enrolled to defer 3% of eligible compensation, to be increased each year by 1% up to a maximum of 6% of eligible compensation. Eligible employees may also make rollover contributions from other qualified retirement plans.

The Company matches 50% of employee contributions, subject to a limit of 6% of eligible compensation that a participant contributes to the Plan. The Company also makes annual contributions ("Annual Contributions") to eligible employees (as defined by the Plan) ranging from 4% to 8% of eligible compensation for the plan year depending on certain factors such as age and years of service. Amounts totaling \$1,200,199 and \$1,210,145 were contributed as Annual Contributions during the years ended December 31, 2023 and 2022, respectively, which are included (along with Company matching contributions) in employer contributions in the Statements of Changes in Net Assets Available for Benefits.

Investment Options

Upon enrollment, participants may direct their elective contributions in any of the allowable investment funds offered by the Plan. Participants may make changes to their investment elections at any time.

PQ LLC Savings and Retirement Plan

Notes to Financial Statements December 31, 2023 and 2022

1. Plan Description (cont.)

Participant Accounts

Each participant account is credited with the participant's contributions, Company contributions and Plan earnings (gains and losses). Participant accounts are charged directly for the expenses associated with recordkeeping costs and requested services. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participant elective contributions and rollover accounts vest immediately, and a participant's interest in the employer's contribution becomes 100% vested and distributable upon normal retirement, disability, or death. Participants vest in their matching contribution account at the rate of 33-1/3% per year and become fully vested after three years of service with the Company. Participants are not vested in their Annual Contributions until the completion of three years of service, at which time they become 100% vested.

Notes Receivable from Participants

Eligible participants may also borrow from their accounts. The minimum that may be borrowed is \$1,000. The maximum that may be borrowed is the lesser of \$50,000, as adjusted, or 50% of a participant's vested account balance. The notes are secured by the balance in the participant's account. Principal and interest is paid ratably through monthly payroll deductions over five years or less (15 years if the note is for the purchase of a primary residence) with interest at rates that range from 4.25% to 9.50% at December 31, 2023 and 4.25% to 8.00% at December 31, 2022, which are commensurate with prevailing rates at the time the loans are initiated. Participant notes are valued at their outstanding balances, which approximates fair value.

Payment of Benefits

Upon termination of service due to death, disability, retirement or other reason, any participant may elect to immediately receive a lump sum distribution or installment payments, or combination of both equal to the vested interest of his or her account. If a participant is not fully vested in the Company contribution portion of his or her account on the date of termination of employment, the non-vested portion is forfeited. Upon attainment of age 59 1/2, participants may withdraw amounts from their rollover and elective deferral accounts. In addition, participants who have made voluntary after tax contributions may make withdrawals from their voluntary contribution accounts at any time (subject to Internal Revenue Service penalties). The Plan allows participants to make hardship withdrawals subject to income taxation and Internal Revenue Service penalties from some or all of their vested account balances.

Participants may keep their funds in the Plan after their normal retirement date, but must begin withdrawing once they reach age 73 unless they remain employed by the Company.

PQ LLC Savings and Retirement Plan

Notes to Financial Statements December 31, 2023 and 2022

1. Plan Description (cont.)

Forfeited Accounts

Non-vested Company contributions are forfeited under Plan rules and serve to offset the Company's future contributions. During the years ended December 31, 2023 and 2022, no forfeitures were used to offset Company contributions. The amount of unused forfeitures in the Plan totaled \$37,340 and \$13,076 at December 31, 2023 and 2022, respectively.

Plan Expenses and Related Party Transactions

A portion of expenses incurred for administration of the Plan are paid by the Company.

Certain Plan investments are shares of mutual funds managed by Vanguard Fiduciary Trust Company (VFTC). VFTC is the trustee as defined by the Plan and therefore, these transactions qualify as party-in-interest transactions. Notes receivable from participants, which also qualify as party-in-interest transactions, were \$1,120,759 and \$1,042,595 as of December 31, 2023 and 2022, respectively.

Amounts reported as administrative expenses in the Statement of Changes in Net Assets Available for Benefits represent fees paid by participants for recordkeeping costs and requested services. Participants' accounts are charged directly for these fees, which totaled \$78,126 and \$67,041 for the years ended December 31, 2023 and 2022, respectively.

Basis of Accounting

The accompanying financial statements of the Plan are prepared on the accrual basis of accounting generally accepted in the United States of America.

Investment Valuation and Income Recognition

The investments of the Plan are stated at fair value. An asset's fair value is defined as the price at which the asset could be exchanged in a current transaction between market participants. A liability's fair value is defined as the amount that would be paid to transfer the liability to a market participant, not the amount that would be paid to settle the liability with the creditor. See Note 4 to these financial statements regarding the application of fair value measurements.

Purchases and sales of investments are recorded on a trade-date basis. Interest income is recorded as earned on an accrual basis. Dividends are recorded on the ex-dividend date. Capital gain distributions are included in dividend income. The Plan presents in the Statement of Changes in Net Assets Available for Benefits the net appreciation (depreciation) in fair value of investments which consists of realized gains or losses and unrealized appreciation or depreciation on those investments.

PQ LLC Savings and Retirement Plan

Notes to Financial Statements December 31, 2023 and 2022

1. Plan Description (cont.)

Payment of Benefits

Benefit payments to participants are recorded when paid.

Transfers in

On August 1, 2021, Ecovyst, Inc. completed the sale of its Performance Chemicals business to Sparta Aggregator L.P., a partnership established by Koch Minerals & Trading, LLC and Cerberus Capital Management, L.P. On January 7, 2022, balances from Performance Chemicals employees totaling \$78,575,840 (including participant notes receivables of \$1,028,204) were transferred into the Plan. This amount is reported in the “Transfers in” line in the Statement of Changes in Net Assets Available for Benefits.

2. Summary of Significant Accounting Policies

Use of Estimates

The preparation of financial statements in accordance 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 changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates and these differences could be material.

Risks and Uncertainties

The Plan invests in various investment securities which are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with 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 participants’ account balances and the amounts reported in the statements of net assets available for benefits.

3. Certified Financial Information

Certain information related to investments and participant loans held at December 31, 2023 and 2022 disclosed in the accompanying financial statements and ERISA-required supplemental schedules and net appreciation (depreciation) in fair value of investments, dividend and interest income, and interest income on notes receivable from participants for the years then ended, was obtained by management and agreed to or derived from information certified as complete and accurate by Vanguard (the trustee of the Plan). The plan administrator has elected the method of annual reporting compliance permitted by ERISA Section 103(a)(3)(c) pursuant to 29 CFR 2520.103-8 of the Department of Labor’s Rules and Regulations for Reporting and Disclosure under ERISA. Investments that represent ten percent or more of the Plan’s net assets are separately identified with an asterisk (*) in the following table.

PQ LLC Savings and Retirement Plan

Notes to Financial Statements December 31, 2023 and 2022

3. Certified Financial Information (cont.)

<i>December 31,</i>	2023	2022
Vanguard Institutional Index Fund Inst'l Shares	\$ 10,432,856	\$ 9,665,353
Vanguard Target Retirement 2025 Fund	7,435,036	7,171,032
Vanguard Total Bond Market Index Fund: Inst'l Shr	6,335,792	6,155,262
Vanguard Cash Reserves Federal MM Fund Admiral Shares	5,976,455	5,948,705
Vanguard Target Retirement 2030 Fund	5,302,377	4,489,757
Vanguard Total International Stock Index Fund Admiral Shr	4,353,198	4,106,114
Vanguard Wellington Fund Admiral Shares	4,201,216	3,973,125
Vanguard Target Retirement 2040 Fund	4,296,419	3,324,218
Vanguard Target Retirement 2035 Fund	4,018,899	2,973,974
Vanguard Total Stock Market Index Fund Admiral Shares	3,146,313	2,373,007
Vanguard Target Retirement 2045 Fund	2,352,711	1,850,558
Vanguard Windsor II Fund Admiral Shares	1,690,570	1,771,892
Vanguard Mid-Cap Index Fund Admiral Shares	1,676,708	1,633,238
Vanguard Small-Cap Index Fund Admiral Shares	1,374,749	1,304,487
Vanguard Wellesley Income Fund Admiral Shares	1,140,433	1,144,329
Vanguard International Growth Fund Admiral Shares	926,758	1,015,935
Vanguard U.S. Growth Fund Admiral Shares	978,243	878,819
Vanguard Target Retirement 2020 Fund	609,773	761,766
Vanguard Explorer Fund Admiral Shares	682,551	727,307
Vanguard Target Retirement 2055 Fund	788,571	574,867
Vanguard Target Retirement 2060 Fund	790,604	530,475
Vanguard Target Retirement Income	595,383	527,745
Fidelity Value Fund; Retail Class	447,609	494,506
Vanguard Target Retirement 2050 Fund	692,527	445,704
PIMCO Total Return Fund; Institutional Class	244,691	213,036
Vanguard Target Retirement 2065 Fund	44,051	20,870
Total investments, fair value	\$ 70,534,493	\$ 64,076,081
Notes receivable from participants	1,120,759	1,042,595
Total	\$ 71,655,252	\$ 65,118,676
<i>Years Ended December 31,</i>	2023	2022
Net appreciation (depreciation) in fair value of investments	\$ 7,935,594	\$ (13,450,058)
Dividend and interest income	\$ 2,261,012	\$ 2,414,115
Interest income on notes receivable from participants	\$ 65,313	\$ 44,964

PQ LLC Savings and Retirement Plan

Notes to Financial Statements December 31, 2023 and 2022

3. Certified Financial Information (cont.)

The Plan's independent accountants did not perform auditing procedures with respect to this information, except for comparing such information to the related information included in the financial statements and supplemental schedules.

There are no restrictions in place as of December 31, 2023 and 2022 with respect to the daily redemption of Plan investments.

4. Fair Value Measurements

ASC 820, *Fair Value Measurement and Disclosures* (ASC 820), establishes 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 under ASC 820 are described below:

Basis of Fair Value Measurement

Level 1 – Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities;

Level 2 – Quoted prices of securities in markets that are not considered to be active or financial instruments for which all significant inputs are observable, either directly or indirectly,

Level 3 – Prices or valuations that require inputs that are both significant to the fair value measurement and unobservable.

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement.

Mutual Funds

Mutual Funds represent investments with various investment managers. The fair values of these investments are determined by reference to the funds' underlying assets, which are principally marketable equity and fixed income securities. Shares held in mutual funds traded on national securities exchanges are valued at the net asset value as of December 31, 2023 and 2022.

The methods described above may provide a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. While the Plan believes its valuation methods are appropriate and consistent with other market participants, it is possible that different fair value measurements may arise due to the use of different methodologies or assumptions in determining the fair value measurement at the reporting date.

PQ LLC Savings and Retirement Plan

Notes to Financial Statements December 31, 2023 and 2022

4. Fair Value Measurements (cont.)

The following tables set forth, by level within the fair value hierarchy, the Plan investment assets and investment liabilities at fair value as of December 31, 2023 and 2022. As required by ASC 820, assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. The Plan had no material financial liabilities as of December 31, 2023 and 2022.

Investment Assets at Fair Value as of December 31, 2023				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 70,534,493	\$ -	\$ -	\$ 70,534,493

Investment Assets at Fair Value as of December 31, 2022				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 64,076,081	\$ -	\$ -	\$ 64,076,081

5. Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of a Plan termination, affected participants will become 100% vested in their accounts.

6. Income Tax Status

The Plan document is a non-standardized pre-approved 401(k) profit sharing plan. The Internal Revenue Service issued an opinion letter dated June 30, 2020 stating that the form of the Plan was acceptable under Section 401 of the IRC for use by adopting employers, and that an employer adopting the Plan could rely on the opinion letter with respect to the qualification of the Plan under Section 401(a) of the IRC. The Plan has been amended since receiving the opinion letter. However, management believes the Plan is designed and currently being operated in compliance with the applicable requirements of the IRC, is qualified, and the related trust is tax exempt.

Generally accepted accounting principles require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the relevant taxing authority. Management has determined that no provision for income taxes is required to be reflected in the accompanying financial statements.

The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

PQ LLC Savings and Retirement Plan

Notes to Financial Statements December 31, 2023 and 2022

7. Terminated Participants

When participants terminate employment with the Plan sponsor, they may choose to leave their investments in the Plan, as long as their balance is greater than \$5,000. As of December 31, 2023 and 2022, there were 39 and 35 terminated participants who had not withdrawn their account balances totaling \$9,429,517 and \$7,709,602, respectively.

8. Nonexempt Transactions

The Plan sponsor failed to remit certain employee deferrals and loan repayments to the Plan in a timely manner according to DOL regulations during the year ended December 31, 2022 totaling \$752,177. The Plan sponsor calculated and deposited lost earnings on \$336,412 and \$415,765 of the untimely remittances into the Plan during 2022 and 2023, respectively. Plan management has implemented controls and procedures to mitigate similar errors in the future. There were no such untimely remittances during the year ended December 31, 2023.

9. Subsequent Events

Subsequent events have been evaluated through the date of the independent auditors' report which is the date the financial statements were available to be issued. Management did not identify any events requiring recording in or disclosure to the financial statements as of and for the year ended December 31, 2023.

Supplemental Schedules



PQ LLC Savings and Retirement Plan

Schedule H, Line 4a – Schedule of Delinquent Participant Contributions

EIN: 23-0972750
Plan Number: 001

	<i>Total that Constitute Nonexempt Prohibited Transactions</i>				Total Fully Corrected Under VFCP and PTE 2002-51
Year	Participant Contributions and Loan Repayments Transferred Late to Plan	Contributions not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	
2022	\$ 752,177	\$ -	\$ 752,177	\$ -	-

* Required earnings for \$336,412 and \$415,765 of the untimely remittances were remitted to the Plan during the 2022 and 2023 plan years, respectively.

See the accompanying Independent Auditors' Report.

PQ LLC Savings and Retirement Plan

Schedule H, Line 4i – Schedule of Assets (Held at End of Year)

EIN: 23-0972750

December 31, 2023

Plan Number: 001

(a)	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment, including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
*	Vanguard Institutional Index Fund Inst'l Shares	Mutual Fund	a \$	10,432,856
*	Vanguard Target Retirement 2025 Fund	Mutual Fund	a \$	7,435,036
*	Vanguard Total Bond Market Index Fund: Inst'l Shr	Mutual Fund	a \$	6,335,792
*	Vanguard Cash Reserves Federal MM Fund Admiral Shares	Mutual Fund	a \$	5,976,455
*	Vanguard Target Retirement 2030 Fund	Mutual Fund	a \$	5,302,377
*	Vanguard Total International Stock Index Fund Admiral Shr	Mutual Fund	a \$	4,353,198
*	Vanguard Wellington Fund Admiral Shares	Mutual Fund	a \$	4,201,216
*	Vanguard Target Retirement 2040 Fund	Mutual Fund	a \$	4,296,419
*	Vanguard Target Retirement 2035 Fund	Mutual Fund	a \$	4,018,899
*	Vanguard Total Stock Market Index Fund Admiral Shares	Mutual Fund	a \$	3,146,313
*	Vanguard Target Retirement 2045 Fund	Mutual Fund	a \$	2,352,711
*	Vanguard Windsor II Fund Admiral Shares	Mutual Fund	a \$	1,690,570
*	Vanguard Mid-Cap Index Fund Admiral Shares	Mutual Fund	a \$	1,676,708
*	Vanguard Small-Cap Index Fund Admiral Shares	Mutual Fund	a \$	1,374,749
*	Vanguard Wellesley Income Fund Admiral Shares	Mutual Fund	a \$	1,140,433
*	Vanguard International Growth Fund Admiral Shares	Mutual Fund	a \$	926,758
*	Vanguard U.S. Growth Fund Admiral Shares	Mutual Fund	a \$	978,243
*	Vanguard Target Retirement 2020 Fund	Mutual Fund	a \$	609,773
*	Vanguard Explorer Fund Admiral Shares	Mutual Fund	a \$	682,551
*	Vanguard Target Retirement 2055 Fund	Mutual Fund	a \$	788,571
*	Vanguard Target Retirement 2060 Fund	Mutual Fund	a \$	790,604
*	Vanguard Target Retirement Income Fidelity Value Fund; Retail Class	Mutual Fund	a \$	595,383
*	Vanguard Target Retirement 2050 Fund	Mutual Fund	a \$	447,609
*	PIMCO Total Return Fund; Institutional Class	Mutual Fund	a \$	692,527
*	Vanguard Target Retirement 2065 Fund	Mutual Fund	a \$	244,691
*		Loans receivable from Plan participants. The loans have maturity dates which vary between less than one and fifteen years. Interest rates are a rate to be fixed by the plan administrator and are collateralized by the participants' balances in the Plan. Maturity value is principal plus accrued interest. Interest rates are at 4.25%- 9.50%.		44,051
				1,120,759
Total				\$ 71,655,252

a - The cost of participant-directed funds is not required to be disclosed.

* - Indicates a party-in-interest to the Plan.

See the accompanying Independent Auditors' Report.

PQ LLC Savings and Retirement Plan

Schedule H, Line 4i – Schedule of Assets (Held at End of Year)

EIN: 23-0972750

December 31, 2023

Plan Number: 001

(a)	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment, including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
*	Vanguard Institutional Index Fund Inst'l Shares	Mutual Fund	a	\$ 10,432,856
*	Vanguard Target Retirement 2025 Fund	Mutual Fund	a	\$ 7,435,036
*	Vanguard Total Bond Market Index Fund: Inst'l Shr	Mutual Fund	a	\$ 6,335,792
*	Vanguard Cash Reserves Federal MM Fund Admiral Shares	Mutual Fund	a	\$ 5,976,455
*	Vanguard Target Retirement 2030 Fund	Mutual Fund	a	\$ 5,302,377
*	Vanguard Total International Stock Index Fund Admiral Shr	Mutual Fund	a	\$ 4,353,198
*	Vanguard Wellington Fund Admiral Shares	Mutual Fund	a	\$ 4,201,216
*	Vanguard Target Retirement 2040 Fund	Mutual Fund	a	\$ 4,296,419
*	Vanguard Target Retirement 2035 Fund	Mutual Fund	a	\$ 4,018,899
*	Vanguard Total Stock Market Index Fund Admiral Shares	Mutual Fund	a	\$ 3,146,313
*	Vanguard Target Retirement 2045 Fund	Mutual Fund	a	\$ 2,352,711
*	Vanguard Windsor II Fund Admiral Shares	Mutual Fund	a	\$ 1,690,570
*	Vanguard Mid-Cap Index Fund Admiral Shares	Mutual Fund	a	\$ 1,676,708
*	Vanguard Small-Cap Index Fund Admiral Shares	Mutual Fund	a	\$ 1,374,749
*	Vanguard Wellesley Income Fund Admiral Shares	Mutual Fund	a	\$ 1,140,433
*	Vanguard International Growth Fund Admiral Shares	Mutual Fund	a	\$ 926,758
*	Vanguard U.S. Growth Fund Admiral Shares	Mutual Fund	a	\$ 978,243
*	Vanguard Target Retirement 2020 Fund	Mutual Fund	a	\$ 609,773
*	Vanguard Explorer Fund Admiral Shares	Mutual Fund	a	\$ 682,551
*	Vanguard Target Retirement 2055 Fund	Mutual Fund	a	\$ 788,571
*	Vanguard Target Retirement 2060 Fund	Mutual Fund	a	\$ 790,604
*	Vanguard Target Retirement Income Fidelity Value Fund; Retail Class	Mutual Fund	a	\$ 595,383
*	Vanguard Target Retirement 2050 Fund	Mutual Fund	a	\$ 447,609
*	PIMCO Total Return Fund; Institutional Class	Mutual Fund	a	\$ 692,527
*	Vanguard Target Retirement 2065 Fund	Mutual Fund	a	\$ 244,691
*		Loans receivable from Plan participants. The loans have maturity dates which vary between less than one and fifteen years. Interest rates are a rate to be fixed by the plan administrator and are collateralized by the participants' balances in the Plan. Maturity value is principal plus accrued interest. Interest rates are at 4.25%- 9.50%.		44,051
				1,120,759
Total				\$ 71,655,252

a - The cost of participant-directed funds is not required to be disclosed.

* - Indicates a party-in-interest to the Plan.

See the accompanying Independent Auditors' Report.