

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 2023 This Form is Open to Public Inspection
--	---	---

Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 11/01/2023 and ending 10/31/2024	
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) _____ ☐ 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 AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 11/01/1963
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) AMERICAN CHEMICAL SOCIETY OFFICE OF THE TREASURER 1155 16TH ST NW ROOM 333 WASHINGTON, DC 20036-4839 1155 16TH ST NW ROOM 333 WASHINGTON, DC 20036-4839
2b	Employer Identification Number (EIN) 53-0196572
2c	Plan Sponsor's telephone number 202-872-4446
2d	Business code (see instructions) 541990

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.	08/12/2025	JORDAN LEVINE
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☐ Same as Plan Sponsor AMERICAN CHEMICAL SOCIETY OFFICE OF THE TREASURER 1155 16TH ST NW WASHINGTON, DC 20036-4839	3b Administrator's EIN 52-1095711 3c Administrator's telephone number 202-872-4446
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 2484
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) 610 6a(2) 547 6b 1315 6c 286 6d 2148 6e 195 6f 2343 6g(1) 6g(2) 6h
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:

1A 1C 1I

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
---	---

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☒ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary
- (4) ☐ **DCG** (Individual Plan Information) – Number Attached _____
- (5) ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☐ **A** (Insurance Information) – Number Attached 0
- (4) ☒ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 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 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 2023 This Form is Open to Public Inspection
--	---	--

For calendar plan year 2023 or fiscal plan year beginning 11/01/2023 and ending 10/31/2024	
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 AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN	B Three-digit plan number (PN) 001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF AMERICAN CHEMICAL SOCIETY	D Employer Identification Number (EIN) 53-0196572
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information			
1	Enter the valuation date: Month 11 Day 01 Year 2023			
2	Assets:			
a	Market value	2a	488809871	
b	Actuarial value	2b	518330396	
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	1484	426577431	426577431
b	For terminated vested participants	427	30990309	30990309
c	For active participants	610	70567157	71141863
d	Total	2521	528134897	528709603
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	6.11 %	
6	Target normal cost			
a	Present value of current plan year accruals	6a	0	
b	Expected plan-related expenses	6b	2118000	
c	Target normal cost	6c	2118000	

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 GEORGE S. MARINO Type or print name of actuary FIDELITY INVESTMENTS Firm name 245 SUMMER STREET, V1B BOSTON, MA 02210 Address of the firm	08/08/2025 Date 23-07701 Most recent enrollment number 617-563-5216 Telephone number (including area code)
--------------------------	---	--

Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	43378731
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)		1589301
9	Amount remaining (line 7 minus line 8)	0	41789430
10	Interest on line 9 using prior year's actual return of <u>1.63</u> %	0	681168
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		0
b(1)	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.76</u> %		0
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c	Total available at beginning of current plan year to add to prefunding balance		0
d	Portion of (c) to be added to prefunding balance		
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	42470598

Part III		Funding Percentages	
14	Funding target attainment percentage	14	90.00 %
15	Adjusted funding target attainment percentage	15	90.00 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	97.40 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

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

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

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

21 Discount rate:			
a Segment rates:	1st segment: %	2nd segment: %	3rd segment: %
			☒ N/A, full yield curve used
b Applicable month (enter code).....		21b	
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	2118000	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	52849805	5203135	
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	7321135	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement		7321135	7321135
36 Additional cash requirement (line 34 minus line 35).....	36	0	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	0	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	0	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b		
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
--

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 11/01/2023 and ending 10/31/2024

A Name of plan AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN CHEMICAL SOCIETY	D Employer Identification Number (EIN) 53-0196572

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).....

No

Yes

☒
- 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

(b)

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

(b)

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

(b)

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

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

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

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

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

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

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

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

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

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)

PIMCO

95-2632339

(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?
28 50	INV. MGT	879548	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

CAPITAL GUARDIAN

95-6597294

(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?
28 50	INV. MGT	40408	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

CALLAN LLC

94-2192581

(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?
28 50	INV. MGT	38704	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

BLACKROCK INST. TRUST CO, NA

94-6581660

(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?
28 50	INV. MGT	2803	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

THE BANK OF NEW YORK MELLON

13-5160382

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
19 50	CUSTODIAN	66	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan 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.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
---	---	---

For calendar plan year 2023 or fiscal plan year beginning 11/01/2023 and ending 10/31/2024		
A Name of plan AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN		B Three-digit plan number (PN) ▶ 001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 AMERICAN CHEMICAL SOCIETY		D Employer Identification Number (EIN) 53-0196572

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)		
a Name of MTIA, CCT, PSA, or 103-12 IE: RUSSELL 3000 INDEX FUND			
b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST COMPANY, N.A.			
c EIN-PN 94-3302956-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 27327902	
a Name of MTIA, CCT, PSA, or 103-12 IE: CAPITAL GROUP INTERNATIONAL EQUITY			
b Name of sponsor of entity listed in (a): CAPITAL BANK AND TRUST COMPANY			
c EIN-PN 95-6597294-003	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0	
a Name of MTIA, CCT, PSA, or 103-12 IE: EB TEMPORARY INVESTMENT FUND			
b Name of sponsor of entity listed in (a): THE BANK OF NEW YORK MELLON			
c EIN-PN 25-6078093-023	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 6154600	
a Name of MTIA, CCT, PSA, or 103-12 IE: BLACKROCK INSTITUTIONAL TRUST COMPA			
b Name of sponsor of entity listed in (a): EAFE EQUITY INDEX FUND			
c EIN-PN 94-6596958-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 10564674	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	

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

Part II **Information on Participating Plans (to be completed by DFEs, other than DCGs)**

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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

For calendar plan year 2023 or fiscal plan year beginning 11/01/2023 and ending 10/31/2024		
A Name of plan AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN CHEMICAL SOCIETY	D Employer Identification Number (EIN) 53-0196572	

Part I	Asset and Liability Statement
---------------	--------------------------------------

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other	1b(3)	62344441	111187534
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)	136862584	210422870
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	95884638	128820593
(B) All other	1c(3)(B)	171085964	184847649
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)	34570883	44047176
(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)	50547771	54325249
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)	22687112	35574157

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	573983393	769225228
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j	85173525	255391882
k Total liabilities (add all amounts in lines 1g through 1j)	1k	85173525	255391882
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	488809868	513833346

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)		
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		0
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	258342	
(B) U.S. Government securities	2b(1)(B)	1930806	
(C) Corporate debt instruments	2b(1)(C)	16010745	
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)	1039025	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		19238918
(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)	2673334	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		2673334
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	1596914417	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	1576070947	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		20843470
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	21867752	
(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)		10679743
(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)		6961261
c Other income	2c		540631
d Total income. Add all income amounts in column (b) and enter total	2d		82805109

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	54962070	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		54962070
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)	961463	
(6) Bank or trust company trustee/custodial fees	2i(6)	66	
(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)	1858032	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		2819561
j Total expenses. Add all expense amounts in column (b) and enter total	2j		57781631

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		25023478
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: **CLIFTONLARSONALLEN LLP**

(2) EIN: **41-0746749**

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.)		☒	
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.)		☒	
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.)		☒	
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.)		☒	
e Was this plan covered by a fidelity bond?	☒		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
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?		☒	
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?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
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.)	☒		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		☒	
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.			

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 539778.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
For calendar plan year 2023 or fiscal plan year beginning 11/01/2023 and ending 10/31/2024		
A Name of plan AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN		B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN CHEMICAL SOCIETY		D Employer Identification Number (EIN) 53-0196572
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 26-6263970		
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		3 109
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☒ No ☐ N/A		
If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____		
If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)		6a
b Enter the amount contributed by the employer to the plan for this plan year		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☒ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ☐ Increase ☐ Decrease ☐ Both ☒ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock? ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2023 v. 230707		

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: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment)	14a	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	
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: <u>6.0</u> % Private Equity: _____ % Investment-Grade Debt and Interest Rate Hedging Assets: <u>82.0</u> % High-Yield Debt: <u>9.0</u> % Real Assets: _____ % Cash or Cash Equivalents: <u>2.0</u> % Other: <u>1.0</u> %	
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 ____/____/____ (MM/DD/YYYY) and the Opinion Letter serial number _____.	

Structured Attachment Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Schedule SB, line 26b Schedule of Projection of Expected Benefit Payments		2023	
			This Form is Open to Public Inspection	

Name of Plan	AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN						
Plan Year Begin Date	11/01/2023	Plan Year End Date	10/31/2024	EIN	53-0196572	PN	001

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2023	1482322	740002	43522145	45744469
2024	2229508	947014	43203602	46380124
2025	2575999	1181239	42390156	46147394
2026	3306736	1424624	41502923	46234283
2027	4378243	1497467	40446592	46322302
2028	4660864	1785923	39420690	45867477
2029	5113692	2262350	38226756	45602798
2030	5502344	2109629	36905758	44517731
2031	5897920	2510535	35450827	43859282
2032	6289729	2546722	33857268	42693719
2033	6624944	2675146	32167943	41468033
2034	6681424	2847558	30391297	39920279
2035	6918931	2872694	28522548	38314173
2036	6993518	2832209	26594344	36420071
2037	6945416	3178850	24612626	34736892
2038	6903013	2880007	22619020	32402040
2039	6779085	2916424	20647647	30343156
2040	6683119	3016601	18717389	28417109
2041	6531226	2954066	16845714	26331006
2042	6381226	2853573	15041905	24276704
2043	6147841	2769603	13325419	22242863
2044	5835647	2676446	11711264	20223357
2045	5685063	2645620	10207824	18538507
2046	5351435	2481720	8820378	16653533
2047	4963197	2446295	7552479	14961971

Name of Plan	AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN						
Plan Year Begin Date	11/01/2023	Plan Year End Date	10/31/2024	EIN	53-0196572	PN	001

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2048	4647619	2294599	6405912	13348130
2049	4326610	2181776	5380623	11889009
2050	3945071	2058033	4474506	10477610
2051	3659595	1924403	3683397	9267395
2052	3286965	1782594	3001324	8070883
2053	2928657	1635426	2420776	6984859
2054	2607700	1485630	1933178	6026508
2055	2303133	1335322	1529251	5167706
2056	2011934	1187085	1199275	4398294
2057	1740365	1043655	933433	3717453
2058	1491921	907285	722217	3121423
2059	1266388	779851	556692	2602931
2060	1064293	662878	428678	2155849
2061	885456	557186	330903	1773545
2062	729152	462960	257087	1449199
2063	594291	380101	201945	1176337
2064	479368	308306	161131	948805
2065	382614	247073	131139	760826
2066	302168	195640	109200	607008
2067	236097	153003	93163	482263
2068	182479	118115	81387	381981
2069	139512	90000	72641	302153
2070	105521	67684	66021	239226
2071	78973	50216	60875	190064
2072	58502	36738	56740	151980

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
FINANCIAL STATEMENTS AND
ERISA-REQUIRED SUPPLEMENTAL SCHEDULES
YEARS ENDED OCTOBER 31, 2024 AND 2023



CPAs | CONSULTANTS | WEALTH ADVISORS

CLAconnect.com

**AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
TABLE OF CONTENTS
YEARS ENDED OCTOBER 31, 2024 AND 2023**

INDEPENDENT AUDITORS' REPORT	1
FINANCIAL STATEMENTS	
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS	5
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS	6
STATEMENTS OF ACCUMULATED PLAN BENEFITS	7
STATEMENTS OF CHANGES IN ACCUMULATED PLAN BENEFITS	8
NOTES TO FINANCIAL STATEMENTS	9
ERISA-REQUIRED SUPPLEMENTAL SCHEDULES (ATTACHMENTS TO FORM 5500)	
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR)	20
SCHEDULE H, LINE 4j—SCHEDULE OF REPORTABLE TRANSACTIONS	Error! Bookmark not defined.



INDEPENDENT AUDITORS' REPORT

Plan Administrator
American Chemical Society Retirement Plan
Washington, DC

Report on the Audit of the Financial Statements

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

We have performed an audit of the accompanying financial statements of American Chemical Society 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) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits and the statements of accumulated plan benefits as of October 31, 2024 and 2023, and the related statements of changes in net assets available for benefits and the statements of changes in accumulated plan 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 audits of American Chemical Society Retirement 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 Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need 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, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained a certification from a qualified institution as of October 31, 2024 and 2023, 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 on the procedures performed as described in the *Auditors' Responsibilities for the Audit of the Financial Statements* section:

- The amounts and disclosures in the financial statements referred to above, 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.
- The information in the financial statements referred to above related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the *Auditors' Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of American Chemical Society Retirement 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 on the financial statements.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. 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 American Chemical Society Retirement Plan's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

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

Auditors' Responsibilities for the Audit of the Financial Statements

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

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

Plan Administrator
American Chemical Society Retirement Plan

- 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 American Chemical Society Retirement 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 American Chemical Society Retirement Plan's ability to continue as a going concern for a reasonable period of time.

Our audits 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 accounting principles generally accepted in the United States of America.

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 accounting principles generally accepted in the United States of America.

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 audits.

Other Matters - Supplemental Schedules Required by ERISA

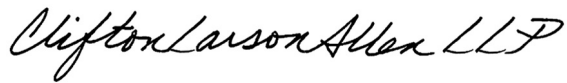
The supplemental schedule of assets (held at end of year) as of October 31, 2024 and the schedule of reportable transactions for the year then ended are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information 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 Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Plan Administrator
American Chemical Society Retirement Plan

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, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedules related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

A handwritten signature in black ink that reads "CliftonLarsonAllen LLP". The signature is written in a cursive, flowing style.

CliftonLarsonAllen LLP

Baltimore, Maryland
July 24, 2025

**AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
OCTOBER 31, 2024 AND 2023**

	<u>2024</u>	<u>2023</u>
ASSETS		
INVESTMENTS (at Fair Value)		
U.S. Government Agency Securities	\$ 210,422,870	\$ 136,862,584
Corporate Fixed Income Securities	321,143,641	266,970,602
Other Fixed Income Securities	26,442,082	21,278,894
Credit Default Swaps	1,656,676	1,408,218
Collective Trust Funds	44,047,176	34,570,883
Registered Investment Company Funds	54,325,249	50,547,771
Total Investments (at Fair Value)	<u>658,037,694</u>	<u>511,638,952</u>
ACCRUED INVESTMENT INCOME	5,329,731	3,922,718
ACCOUNTS RECEIVABLE		
Securities Sold Pending Settlement	<u>105,857,803</u>	<u>58,421,723</u>
Total Assets	769,225,228	573,983,393
LIABILITIES		
ACCOUNTS PAYABLE		
Securities Purchased Pending Settlement	<u>255,391,882</u>	<u>85,173,525</u>
Total Liabilities	<u>255,391,882</u>	<u>85,173,525</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 513,833,346</u></u>	<u><u>\$ 488,809,868</u></u>

See accompanying Notes to Financial Statements.

**AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
YEARS ENDED OCTOBER 31, 2024 AND 2023**

	<u>2024</u>	<u>2023</u>
ADDITIONS:		
INVESTMENT INCOME (LOSS)		
Interest Income	\$ 19,238,918	\$ 17,828,399
Dividend Income	2,673,334	3,790,892
Net Appreciation (Depreciation) in Fair Value of Investments	<u>60,892,857</u>	<u>(8,377,855)</u>
Total Investment Income, Net	<u>82,805,109</u>	<u>13,241,436</u>
Total Additions	82,805,109	13,241,436
DEDUCTIONS:		
INVESTMENT EXPENSES	961,463	1,585,822
BENEFITS PAID TO PARTICIPANTS	54,962,070	44,071,286
ADMINISTRATIVE EXPENSES	<u>1,858,098</u>	<u>1,314,077</u>
Total Deductions	<u>57,781,631</u>	<u>46,971,185</u>
NET INCREASE (DECREASE)	25,023,478	(33,729,749)
NET ASSETS AVAILABLE FOR BENEFITS:		
Beginning of Year	<u>488,809,868</u>	<u>522,539,617</u>
End of Year	<u><u>\$ 513,833,346</u></u>	<u><u>\$ 488,809,868</u></u>

See accompanying Notes to Financial Statements.

**AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
STATEMENTS OF ACCUMULATED PLAN BENEFITS
OCTOBER 31, 2024 AND 2023**

	<u>2024</u>	<u>2023</u>
ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS:		
VESTED BENEFITS		
Retired Employees Currently Receiving Benefits	\$ 453,354,630	\$ 409,112,604
Active Employees	69,742,668	68,157,246
Terminated Employees	<u>21,049,152</u>	<u>29,802,130</u>
Total Vested Benefits	544,146,450	507,071,980
NONVESTED BENEFITS	<u>579,939</u>	<u>612,279</u>
TOTAL ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS	<u><u>\$ 544,726,389</u></u>	<u><u>\$ 507,684,259</u></u>

See accompanying Notes to Financial Statements.

**AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
STATEMENTS OF CHANGES IN ACCUMULATED PLAN BENEFITS
YEARS ENDED OCTOBER 31, 2024 AND 2023**

	<u>2024</u>	<u>2023</u>
ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS - BEGINNING OF YEAR	\$ 507,684,259	\$ 533,628,831
Increase (Decrease) During the Year Attributable to:		
Interest Accumulation	31,145,119	30,407,516
Other	3,003,528	7,742,454
Change in Actuarial Assumptions	57,855,553	(20,023,256)
Benefit Payments	<u>(54,962,070)</u>	<u>(44,071,286)</u>
ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS - END OF YEAR	<u><u>\$ 544,726,389</u></u>	<u><u>\$ 507,684,259</u></u>

See accompanying Notes to Financial Statements.

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
OCTOBER 31, 2024 AND 2023

NOTE 1 DESCRIPTION OF PLAN

The following description of the American Chemical Society Retirement Plan (the Plan) provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a noncontributory defined-benefit pension plan covering all employees of the American Chemical Society (the Society). The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). All assets of the Plan are held by BNY Mellon, the trustee under the American Chemical Society Trust Agreement. Investments of the Plan are directed by the Pensions and Investments Committee. The trustee makes disbursements to participants and beneficiaries of the Plan upon written instruction from the Pensions and Investments Committee, which is otherwise responsible for the administration of the Plan. The Pensions and Investments Committee is appointed by the Chairman of the Board of Directors of the Society.

Effective October 31, 2009, the Plan was frozen. The Plan has two benefit formulas: final average pay and cash balance (discussed below). Participants that have an accrued benefit in the final average pay benefit had years of service and earnings frozen as of October 31, 2009. Participants that have an accrued benefit in the cash balance benefit ceased to receive pay credits at the conclusion of the last full pay period in October 2009. Those with cash balance benefits will continue to receive interest credits. Vested participants in each Plan benefit will become eligible for pay-out at a future date upon termination of employment in accordance with Plan provisions.

Pension Benefits

Prior to January 1, 2008, employees who completed five years of service are fully vested and entitled to pension benefits beginning at the normal retirement age of 65. On or after January 1, 2008, employees who completed three years of service are fully vested and entitled to pension benefits beginning at the normal retirement age of 65. Employees terminating before rendering the required years of service for full vesting forfeit the right to receive benefits.

The final average pay benefit is calculated using years of service, age at retirement, the highest average annual earnings in a 36 consecutive month period during the last 120 months of employment, and covered compensation. Covered compensation is the average of the Social Security wage base during the 35 years before an employee is entitled to full Social Security benefits. A combined total maximum of 30 years of service may be used for benefit calculation purposes.

Effective November 1, 2001, the Society amended the Plan agreement to provide a cash balance benefit to all new employees hired on or after the effective date. All active participants as of October 31, 2001 were given a one-time choice to either continue with the final average pay benefit for future accruals or move to the cash balance benefit. Active participants as of October 31, 2001 who chose to move to the cash balance benefit will receive pension benefits based on the final average earnings benefit formula for service prior to November 1, 2001 and the cash balance benefit formula for service on and after November 1, 2001.

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
OCTOBER 31, 2024 AND 2023

NOTE 1 DESCRIPTION OF PLAN (CONTINUED)

Pension Benefits (Continued)

Effective September 1, 2007, the Plan was closed to new participants. During October and November of 2007, the Society offered current participants in the Plan the choice of continuing in the Plan or, effective January 1, 2008, waiving rights to future benefit accruals under the Plan in return for the right to be credited with basic contributions by the Society under the American Chemical Society Defined Contribution Retirement Plan (known as the American Chemical Society Employee Savings Plan before January 1, 2008). All employees hired on or after September 1, 2007 participate in the American Chemical Society Defined Contribution Retirement Plan.

Participants in the cash balance benefit continue to receive interest credits applied to frozen account balances as of October 31, 2009. The interest credit rates for the years ended October 31, 2024 and 2023 were 4.47% and 3.56%, respectively.

Prior to November 1, 2009, the cash balance benefit was calculated monthly by crediting each participant's account an amount equal to 7% of the participant's monthly earnings. Beginning November 1, 2009, account balances were no longer increased by pay credits, but continued to be increased with interest credits. Monthly interest credits are based on the 30-year U.S. Treasury bond rate.

Participants in the final average earnings benefit formula are permitted to take early retirement at any time after age 55 provided the employee has completed 10 years of service. Participants in the cash balance benefit formula are permitted to receive benefits upon termination or retirement. Employees may elect to receive their pension benefits in one of several forms of payment. All payment options are designed to be of equal value over the employee's and beneficiary's lifetimes.

Effective March 16, 2024, the plan was amended to provide a one-time lump sum benefit window for certain terminated vested participants from June 3, 2024 to on or around July 18, 2024.

Death and Disability Benefits

If a participant in the final average earnings benefit formula dies prior to retirement and is not married or has been married for less than one year, their designated beneficiary shall be entitled to a lump-sum benefit equal to the equivalent value, as of the date of death, of the deferred vested retirement income to which the participant would have been entitled had he lived to his normal retirement date. If the participant had been married for at least one year, the spouse shall be entitled to a life annuity based on the joint and 50% survivor annuity option of payment. This benefit is payable immediately if the participant had attained age 55 and rendered 10 or more years of service at the time of death. Otherwise, the benefit is payable on the date the participant would have been eligible for early retirement. In addition, the spouse shall be entitled to a lump-sum benefit equal to the excess of the equivalent value, as of the date of death, of the deferred vested retirement income to which the participant would have been entitled had he lived to his normal retirement date over the equivalent value of the spouse's annuity mentioned above. If a participant in the cash balance benefit formula dies prior to retirement, their designated beneficiary is entitled to the same benefit as if the participant had retired as of the date of death.

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
OCTOBER 31, 2024 AND 2023

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The Plan's financial statements have been prepared on the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires the Plan administrator to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein; disclosure of contingent assets and liabilities; and the actuarial present value of accumulated plan benefits at the date of the financial statements, and changes therein. Actual results could differ from those estimates.

Investment Valuation and Income Recognition

Investments are stated at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Net appreciation or depreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year. Purchases and sales of investments and derivative instruments are recorded on a trade date basis. Dividend income is recorded on the ex-dividend date. Interest income is recorded as earned.

The Plan utilizes various investment instruments including domestic and foreign equities, fixed income securities, and financial derivatives. Investment securities and derivative instruments, in general, are exposed to various risks, such as interest rate, credit, liquidity, and overall market risk. Due to the level of risk associated with certain investment securities and derivative instruments, it is at least reasonably possible that changes in the values of investment securities may occur in the near term and such changes could materially affect the amounts reported in the Statements of Net Assets Available for Plan Benefits.

The Plan may sell a security it does not own in anticipation of a decline in the fair value of that security. When the Plan sells a security short, it must borrow the security in order to do so. The Plan has recorded this obligation in the financial statements at the fair value of those securities, which are identified as securities sold, not yet purchased. A gain, limited to the price at which the Plan sold the security short, or a loss, unlimited in amount, will be recognized upon the termination of a short sale. There is an element of market risk in that, if the securities increase in value, it will be necessary to purchase the securities at a cost in excess of the price reflected in the Statements of Net Assets Available for Plan Benefits.

Securities sold, not yet purchased by the Plan, may give rise to off-balance sheet risk. Off-balance sheet risk exists when the maximum potential loss on a particular investment is greater than the value of such investment as reflected in the statements of net assets available for benefits.

**AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
OCTOBER 31, 2024 AND 2023**

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Investment Valuation and Income Recognition (Continued)

The Plan may purchase securities on a delayed delivery (TBA securities), when issued, or forward commitment basis. Payment and delivery may take place one month or more after the date of the transaction. The price of the underlying securities and the date when the securities will be delivered and paid for are fixed at the time the transaction is negotiated. The underlying securities are valued at current market value with daily fluctuations in the market value included in net appreciation (depreciation) of investments.

The Plan has authorized its investment managers to utilize various derivative instruments, including financial futures, options, interest rate swaps, and credit default swaps, to either hedge certain risks or alter the exposure to certain asset classes. The Plan has established procedures to monitor and manage the use of these derivative instruments and the related market, interest, and counterparty credit risks. These derivative instruments are recognized at fair value, within investments in the Statements of Net Assets Available for Plan Benefits. Changes in fair value are recorded as unrealized investment gains or losses.

Payment of Benefits

Benefit payments to participants are made monthly and recorded when paid.

Actuarial Present Value of Accumulated Plan Benefits

Accumulated benefits are those future periodic payments, including lump-sum distributions that are attributable under the Plan's provisions to the service employees have rendered through October 31, 2009. Accumulated benefits include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries.

Benefits under the Plan are generally based on employees' compensation (see Pension Benefits). Benefits payable under all circumstances (retirement, death, disability, and termination of employment) are included in the valuation to the extent that they are deemed attributable to employees' service rendered through October 31, 2009. Benefits to be provided through annuity contracts are excluded from plan assets and are also excluded from accumulated plan benefits.

The actuarial present value of accumulated benefits was determined by the actuarial firm and equals the amount that results from applying actuarial assumptions to adjust the accumulated benefits to reflect the time value of money (through discounts for interest) and the probability of payment (through decrements for death, disability, termination, or retirement) between the valuation date and anticipated date of payment. The significant actuarial assumptions used in the valuation as of October 31, 2024 and 2023, were:

Interest Rate

5.10% and 6.48% compounded annually, as of October 31, 2024 and 2023, respectively.

**AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
OCTOBER 31, 2024 AND 2023**

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Actuarial Present Value of Accumulated Plan Benefits (Continued)

Retiree COLA

For participants in the final average earnings benefit formula: Up to 5.0% per annum cost of living adjustment to a maximum cumulative increase of 50% of original retirement benefits. The assumed inflation amount for future periods was 2.25% for the Plan years ending October 31, 2024 and 2023. The known COLA of 2.9% is reflected as of April 1, 2025, for a one-year select period. For participants in the cash balance benefit formula: None.

Interest Rate Credit

For participants in the cash balance benefit, the assumed rate for future periods was 3.50% for the years ending October 31, 2024 and 2023. The known Interest Crediting Rate of 4.04% is reflected to roll-forward the cash balance for a one-year select period.

Mortality Basis

For the Plan years ended October 31, 2024 and 2023, the Plan used the PRI-2012 mortality table for employees and healthy annuitants (with a fully generational projection using Scale MP-2021 for healthy lives).

Retirement Rates

Terminated Vested participants are assumed to retire at age 64. Retirement rates for active participants vary by age, as determined by the prior actuary for the plan.

<u>Age</u>	<u>Retirement Rate</u>
55	3%
56-59	4%
60	7%
61	8%
62-64	15%
65	25%
66	20%
67-69	15%
70+	100%

The foregoing actuarial assumptions are based on the assumption that the Plan will continue. If the Plan were terminated, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated benefits. The computations of the actuarial present value of accumulated plan benefits were made as of November 1. Had the valuations been performed as of October 31, there would be no material differences.

Tax Status

The Plan received a favorable determination letter from the Internal Revenue Service dated April 9, 2021. Accordingly, the Plan meets the requirements of Section 401(a) and is exempt from taxation under Section 501(a) of the Internal Revenue Code (IRC).

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
OCTOBER 31, 2024 AND 2023

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Tax Status (Continued)

Accounting principles generally accepted in the United States of America 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 Internal Revenue Service. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

Investment and Administrative Expenses

Investment expenses consist primarily of fees paid to investment advisors based on the value of the investments under management. Administrative expenses consist primarily of premiums paid to Pension Benefit Guaranty Corporation (PBGC) and investment analytics fees. All other administrative expenses of the Plan are paid by the Society.

Risks and Uncertainties

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

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

Subsequent Events

The Plan has evaluated subsequent events through July 24, 2025, the date the financial statements were available to be issued.

NOTE 3 CERTIFIED INVESTMENTS

Certain information related to investments disclosed in the accompanying financial statements and supplemental schedules, including investments held at October 31, 2024 and 2023, and net appreciation (depreciation) in fair value of the investments, interest, and dividends for the years then ended, was obtained or derived from information supplied to the Plan administrator and certified as complete and accurate by The Bank of New York Mellon ("BNY Mellon"), the trustee of the Plan.

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
OCTOBER 31, 2024 AND 2023

NOTE 4 FUNDING POLICY

The Society's contributions are based on annual determinations made by the Plan's consulting actuary such that all employees' benefits will be fully funded by the time they retire. The Society did not make any contributions for the Plan years ending in 2024 and 2023. For the years ended October 31, 2024 and 2023, there was no minimum funding contribution required.

NOTE 5 FAIR VALUE OF FINANCIAL INSTRUMENTS

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

Level 1 – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 – Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

- quoted prices for similar assets or liabilities in active markets;
- quoted prices for identical or similar assets or liabilities in inactive markets;
- inputs other than quoted prices that are observable for the asset or liability;
- inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair market value measurement.

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

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
OCTOBER 31, 2024 AND 2023

NOTE 5 FAIR VALUE OF FINANCIAL INSTRUMENTS (CONTINUED)

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the valuation methodologies used at October 31, 2024 and 2023:

U.S. Government and Government Agency Securities – Certain U.S. government securities are valued at the closing price reported in the active market in which the security is traded (Level 1 inputs). Other U.S. government and all government agency securities are valued based upon recent bid prices or the average of recent bid and asked prices when available (Level 2 inputs) and, if not available, they are valued through matrix pricing models developed by sources considered by management to be reliable. Matrix pricing, which is a mathematical technique commonly used to price debt securities that are not actively traded, values debt securities without relying exclusively on quoted prices for the specific securities but rather by relying on the securities' relationship to other benchmark quoted securities (Level 2 inputs).

Corporate Fixed Income Securities – Corporate fixed-income securities include, but are not limited to, corporate securities, mortgage-backed securities, and asset-backed securities. Most corporate securities are valued based upon recent bid prices or the average of recent bid and asked prices when available (Level 2 inputs) and, if not available, they are valued through matrix pricing models developed by sources considered by management to be reliable. Matrix pricing, which is a mathematical technique commonly used to price debt securities that are not actively traded, values debt securities without relying exclusively on quoted prices for the specific securities but rather by relying on the securities' relationship to other benchmark quoted securities (Level 2 inputs).

Other Fixed Income Securities – Other fixed income securities include, but are not limited to, municipal bonds, financial futures, options, and interest rate swaps. These securities are valued based upon recent bid prices or the average of recent bid and asked prices when available (Level 2 inputs) and, if not available, they are valued through matrix pricing models developed by sources considered by management to be reliable. Matrix pricing, which is a mathematical technique commonly used to price debt securities that are not actively traded, values debt securities without relying exclusively on quoted prices for the specific securities but rather by relying on the securities' relationship to other benchmark quoted securities (Level 2 inputs).

Credit Default Swaps – Credit default swaps are classified as Level 2 as they are not traded on an exchange and their prices are based upon valuation models using observable market data as of the measurement date (Level 2 inputs).

Collective Trusts Funds – The fair values of units of collective trusts are based upon the net asset values of the funds reported by the fund managers as of the Plan's financial statements dates and recent transaction prices. Participant transactions (purchases and sales) may occur daily (Level 2 inputs).

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
OCTOBER 31, 2024 AND 2023

NOTE 5 FAIR VALUE OF FINANCIAL INSTRUMENTS (CONTINUED)

Registered Investment Company Funds – Registered investment company funds include domestic fixed income funds. The fair values of shares of domestic fixed income funds are based upon the net asset values of the funds reported by the fund managers as of the Plan's financial statements dates and recent transaction prices. Participant transactions (purchases and sales) may occur daily (Level 2 inputs).

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of October 31, 2024 and 2023 according to the classification hierarchy:

2024				
	Level 1	Level 2	Level 3	Total
U.S. Government Agency Securities	\$ 130,035,570	\$ 80,387,300	\$ -	\$ 210,422,870
Corporate Fixed Income Securities	-	321,143,641	-	321,143,641
Other Fixed Income Securities	-	26,442,082	-	26,442,082
Credit Default Swaps	-	1,656,676	-	1,656,676
Collective Trust Funds	-	44,047,176	-	44,047,176
Registered Investment Company Funds	-	54,325,249	-	54,325,249
Total Assets at Fair Value	<u>\$ 130,035,570</u>	<u>\$ 528,002,124</u>	<u>\$ -</u>	<u>\$ 658,037,694</u>

2023				
	Level 1	Level 2	Level 3	Total
U.S. Government Agency Securities	\$ 110,703,534	\$ 26,159,050	\$ -	\$ 136,862,584
Corporate Fixed Income Securities	-	266,970,602	-	266,970,602
Other Fixed Income Securities	-	21,278,894	-	21,278,894
Credit Default Swaps	-	1,408,218	-	1,408,218
Collective Trust Funds	-	34,570,883	-	34,570,883
Registered Investment Company Funds	-	50,547,771	-	50,547,771
Total Assets at Fair Value	<u>\$ 110,703,534</u>	<u>\$ 400,935,418</u>	<u>\$ -</u>	<u>\$ 511,638,952</u>

The Plan's investment managers may enter into repurchase agreements (where securities are sold under an agreement to repurchase) and reverse repurchase agreements (where securities are purchased under agreements to resell). There were no repurchase agreements outstanding as of October 31, 2024 and 2023.

The Plan's investment managers may employ derivatives in order to manage market risks, arbitrage mispricing of securities, or replicate long or short positions in a cost effective manner. In no instance are derivatives used to speculate or leverage positions.

All derivative instruments are carried at fair value and are reported in net plan assets. The derivatives are held with 18 different counterparties and are subject to master netting agreements. The master netting agreements allow the Plan to offset net positions, by counterparty, and available collateral held. The Plan does not have any significant positions with any one counterparty.

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
OCTOBER 31, 2024 AND 2023

NOTE 5 FAIR VALUE OF FINANCIAL INSTRUMENTS (CONTINUED)

The following table provides the fair value of plan asset derivatives as of October 31, 2024 and 2023, and gains and losses for the years ended October 31, 2024 and 2023:

	2024		
	Assets	Liabilities	Gains (Losses)
Credit Default Swaps	\$ 2,721,899	\$ (14,335)	\$ 540,549
Interest Rate Swaps	11,076,630	(5,912,826)	2,703,719
Other	1,737,643	(419,919)	1,298,379
Total Derivatives	<u>\$ 15,536,172</u>	<u>\$ (6,347,080)</u>	<u>\$ 4,542,647</u>

	2023		
	Assets	Liabilities	Gains (Losses)
Credit Default Swaps	\$ 1,432,809	\$ (24,591)	\$ 433,340
Interest Rate Swaps	15,992,395	(16,491,882)	(2,371,730)
Other	2,238,381	(1,513,585)	762,793
Total Derivatives	<u>\$ 19,663,585</u>	<u>\$ (18,030,058)</u>	<u>\$ (1,175,597)</u>

As of October 31, 2024 and 2023, the total notional amounts of credit default swap contracts for buy protection amounted to \$67,600,000 and \$41,000,000, respectively, and the notional amounts related to sell protection was \$11,700,000.

There were no interest rate swap contracts that pay based on pay fixed rates at October 31, 2024 and 2023.

The notional amounts of interest rate swap contracts that pay based on received fixed rates at October 31, 2024 and 2023 were \$408,590,000 and \$360,720,000, respectively.

NOTE 6 PLAN TERMINATION

Although it has not expressed any intention to do so, the Society has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA.

In the event the Plan terminates, the net assets of the Plan will be allocated, as prescribed by ERISA and its related regulations, generally to provide the following benefits in the order indicated:

1. Annuity benefits former employees or their beneficiaries have been receiving for at least three years, or that employees eligible to retire for that three-year period would have been receiving if they had retired with benefits in the normal form of annuity under the Plan. The priority amount is limited to the lowest benefit that was payable (or would have been payable) during those three years. The amount is further limited to the lowest benefit that would be payable under Plan provisions in effect at any time during the five years preceding plan termination.

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
OCTOBER 31, 2024 AND 2023

NOTE 6 PLAN TERMINATION (CONTINUED)

2. Other vested benefits insured by the Pension Benefit Guaranty Corporation (PBGC) (a U.S. governmental agency) up to the applicable limitations.
3. All other vested benefits (that is, vested benefits not insured by the PBGC).
4. All nonvested benefits.

Certain benefits under the Plan are insured by the PBGC if the Plan is terminated. Generally, the PBGC guarantees most vested, normal-age retirement benefits, early retirement benefits, and certain disability and survivor's pensions. However, the protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination, subject to a statutory ceiling on the amount of an individual's monthly benefit.

Whether all participants receive benefits should the Plan be terminated at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated benefit obligations, the priority of benefits to be paid, the financial condition of the Plan Sponsor and the level and type of benefits guaranteed by the PBGC at that time. Some benefits may be fully or partially provided for by the existing assets and the PBGC guarantee, while other benefits may not be provided for at all. In any event, distributions would first be made to satisfy benefits to participants. Remaining residual assets after such distribution shall be distributed to the Society.

NOTE 7 PARTY-IN-INTEREST TRANSACTIONS

Parties-in-interest are defined under the U.S. Department of Labor as any fiduciary of the Plan, any party rendering service to the Plan, the employer, and certain others. Collective trusts funds consist of shares of a money market fund managed by BNY Mellon. BNY Mellons is the trustee, as defined by the Plan, and, therefore, these transactions qualify as party-in-interest transactions.

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities:</u>		
		<u>Corporate Bonds and Notes</u>		
	7-ELEVEN INC 144A	2.500% 02/10/2041 DD 02/10/21	\$ 593,466	\$ 398,556
	ABBVIE INC	3.600% 05/14/2025 DD 05/14/15	1,497,375	1,490,985
	ABBVIE INC	4.700% 05/14/2045 DD 05/14/15	966,948	873,079
	ABBVIE INC	4.250% 11/14/2028 DD 09/18/18	495,725	495,485
	ABBVIE INC	4.250% 11/21/2049 DD 05/21/20	597,378	510,714
	ABN AMRO BANK NV 144A	4.750% 07/28/2025 DD 07/28/15	398,928	397,976
	ABU DHABI NATIONAL ENERGY 144A	4.750% 03/09/2037 DD 10/09/24	992,360	966,360
	AEP TEXAS INC	3.450% 01/15/2050 DD 12/05/19	398,128	276,672
	AERCAP IRELAND CAPITAL DAC / A	2.450% 10/29/2026 DD 10/29/21	926,390	954,440
	AERCAP IRELAND CAPITAL DAC / A	3.000% 10/29/2028 DD 10/29/21	598,908	556,818
	AERCAP IRELAND CAPITAL DAC / A	5.100% 01/19/2029 DD 01/11/24	148,229	150,375
	AES CORP/THE	5.450% 06/01/2028 DD 05/17/23	699,580	706,636
	AIA GROUP LTD 144A	3.375% 04/07/2030 DD 04/07/20	299,118	279,879
	AIRCASTLE LTD 144A	5.950% 02/15/2029 DD 01/22/24	198,782	204,434
	ALCON FINANCE CORP 144A	3.000% 09/23/2029 DD 09/23/19	498,160	462,325
	ALCON FINANCE CORP 144A	2.600% 05/27/2030 DD 05/27/20	399,372	356,252
	ALLIANT ENERGY FINANCE LL 144A	5.400% 06/06/2027 DD 06/06/24	999,430	1,010,340
	ALLY FINANCIAL INC	VAR RT 01/03/2030 DD 12/14/23	700,000	727,643
	ALTRIA GROUP INC	4.800% 02/14/2029 DD 02/14/19	294,165	293,056
	AMERICAN AIRLINES INC/AAD 144A	5.500% 04/20/2026 DD 03/24/21	948,374	897,138
	AMERICAN ASSETS TRUST LP	3.375% 02/01/2031 DD 01/26/21	791,480	693,424
	AMERICAN EXPRESS CO	VAR RT 02/16/2028 DD 02/16/24	1,000,000	1,007,790
	AMERICAN INTERNATIONAL GROUP I	4.750% 04/01/2048 DD 03/26/18	994,130	907,710
	AMERICAN TOWER CORP	4.000% 06/01/2025 DD 05/07/15	1,984,560	1,989,900
	AMERICAN TOWER CORP	5.200% 02/15/2029 DD 03/07/24	797,104	809,088
	AMGEN INC	5.250% 03/02/2030 DD 03/02/23	1,296,997	1,325,818
	AMMC CLO XII LTD 12A AR2 144A	VAR RT 11/10/2030 DD 07/02/21	154,814	154,923
	ANHEUSER-BUSCH COS LLC / ANHEU	4.700% 02/01/2036 DD 02/01/19	2,409,750	2,410,150
	ANHEUSER-BUSCH INBEV WORLDWIDE	5.450% 01/23/2039 DD 01/23/19	598,332	611,442
	ANHEUSER-BUSCH INBEV WORLDWIDE	4.950% 01/15/2042 DD 07/15/16	979,047	858,420
	ANHEUSER-BUSCH INBEV WORLDWIDE	4.375% 04/15/2038 DD 04/04/18	689,885	645,379
	ANTARES HOLDINGS LP 144A	6.500% 02/08/2029 DD 02/08/24	993,750	995,340
	APPALACHIAN POWER CO	4.500% 08/01/2032 DD 08/01/22	797,896	766,392
	APPLE INC	4.100% 08/08/2062 DD 08/08/22	152,045	165,908
	ARES CAPITAL CORP	7.000% 01/15/2027 DD 08/03/23	198,514	206,646
	ASHTAD CAPITAL INC 144A	5.950% 10/15/2033 DD 07/27/23	799,296	818,264
	AT&T INC	3.500% 09/15/2053 DD 03/15/21	212,266	182,092
	AT&T INC	2.550% 12/01/2033 DD 06/01/21	1,931,319	1,593,705
	AT&T INC	3.800% 12/01/2057 DD 06/01/21	6,605,799	4,427,685
	ATHENE GLOBAL FUNDING 144A	5.339% 01/15/2027 DD 01/17/24	1,000,000	1,006,180
	ATHENE GLOBAL FUNDING 144A	5.516% 03/25/2027 DD 03/26/24	1,000,000	1,011,430
	AUTONATION INC	4.750% 06/01/2030 DD 05/22/20	397,916	389,656
	AVIATION CAPITAL GROUP LL 144A	6.750% 10/25/2028 DD 10/05/23	594,738	631,050

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	AVOLON 6/23 B6 COV-LITE TLB	0.000% 06/09/2028 DD 06/06/23	\$ 573,333	\$ 578,464
	AVOLON HOLDINGS FUNDING L 144A	5.500% 01/15/2026 DD 09/29/20	1,099,153	1,101,056
	AVOLON HOLDINGS FUNDING L 144A	5.750% 03/01/2029 DD 01/25/24	693,973	710,003
	BACARDI LTD 144A	4.700% 05/15/2028 DD 04/30/18	1,993,620	1,975,780
	BANCO BILBAO VIZCAYA ARGENTARI	VAR RT 09/14/2028 DD 09/14/22	510,160	514,765
	BANCO BILBAO VIZCAYA ARGENTARI	5.381% 03/13/2029 DD 03/13/24	1,000,000	1,015,730
	BANCO BTG PACTUAL SA/CAYM 144A	4.500% 01/10/2025 DD 12/10/19	505,000	497,845
	BANCO SANTANDER CHILE 144A	2.700% 01/10/2025 DD 01/10/20	600,000	596,112
	BANCO SANTANDER SA	3.490% 05/28/2030 DD 05/28/20	600,000	550,254
	BANK OF AMERICA CORP	VAR RT 04/24/2028 DD 04/24/17	953,800	974,400
	BANK OF AMERICA CORP	VAR RT 12/20/2028 DD 12/20/17	4,680,158	4,509,178
	BANK OF AMERICA CORP	VAR RT 06/19/2026 DD 06/19/20	946,010	976,640
	BANK OF AMERICA CORP	VAR RT 04/27/2028 DD 04/27/22	975,050	989,940
	BANK OF NEW YORK MELLON CORP/T	VAR RT 03/14/2030 DD 03/14/24	1,000,000	1,007,060
	BARCLAYS PLC	VAR RT 05/09/2034 DD 05/09/23	500,000	523,490
	BARCLAYS PLC	VAR RT 09/13/2034 DD 09/13/23	900,000	972,531
	BARCLAYS PLC	VAR RT 03/12/2028 DD 03/12/24	1,000,000	1,012,450
	BARCLAYS PLC	VAR RT 09/10/2028 DD 09/10/24	1,200,000	1,194,480
	BARINGS CLO LTD 201 1A A1 144A	VAR RT 04/15/2031 DD 04/05/18	952,790	988,023
	BAT CAPITAL CORP	4.390% 08/15/2037 DD 08/15/18	100,000	87,136
	BAYER US FINANCE LLC 144A	6.250% 01/21/2029 DD 11/21/23	1,416,687	1,447,740
	BAYER US FINANCE LLC 144A	6.500% 11/21/2033 DD 11/21/23	897,651	943,470
	BECTON DICKINSON & CO	4.874% 02/08/2029 DD 02/08/24	794,187	800,912
	BGC GROUP INC	6.600% 06/10/2029 DD 06/10/24	999,030	1,015,970
	BIOGEN INC	3.250% 02/15/2051 DD 02/15/22	755,520	526,013
	BLACKSTONE HOLDINGS FINAN 144A	6.250% 08/15/2042 DD 08/17/12	1,629,127	1,767,575
	BMW US CAPITAL LLC 144A	3.750% 04/12/2028 DD 04/12/18	1,398,838	1,349,166
	BNP PARIBAS SA 144A	4.400% 08/14/2028 DD 08/14/18	696,248	685,139
	BNP PARIBAS SA 144A	VAR RT 05/20/2030 DD 02/20/24	1,595,975	1,623,536
	BOEING CO/THE	5.705% 05/01/2040 DD 05/04/20	300,000	288,534
	BOEING CO/THE	5.930% 05/01/2060 DD 05/04/20	668,439	652,897
	BOEING CO/THE	5.150% 05/01/2030 DD 05/04/20	1,300,000	1,282,645
	BOEING CO/THE	2.750% 02/01/2026 DD 11/02/20	999,200	969,520
	BOEING CO/THE 144A	6.858% 05/01/2054 DD 05/01/24	907,914	965,592
	BOSTON GAS CO 144A	6.119% 07/20/2053 DD 07/20/23	1,000,000	1,015,590
	BOSTON PROPERTIES LP	3.400% 06/21/2029 DD 06/21/19	499,075	459,665
	BPCE SA 144A	VAR RT 10/19/2034 DD 10/19/23	1,300,000	1,418,313
	BPCE SA 144A	4.500% 03/15/2025 DD 09/15/14	985,770	996,270
	BRISTOL-MYERS SQUIBB CO	3.400% 07/26/2029 DD 01/26/20	276,698	265,192
	BRITISH TELECOMMUNICATION 144A	4.250% 11/08/2049 DD 11/08/19	700,000	568,141
	BROADCOM INC 144A	2.450% 02/15/2031 DD 01/19/21	998,040	863,630
	BROADCOM INC 144A	3.469% 04/15/2034 DD 03/31/21	2,307,470	1,997,933
	BROADCOM INC 144A	3.137% 11/15/2035 DD 09/30/21	912,207	754,165

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	BROADCOM INC 144A	3.187% 11/15/2036 DD 09/30/21	\$ 1,688,519	\$ 1,381,607
	BROOKFIELD FINANCE LLC / BROOK	3.450% 04/15/2050 DD 02/21/20	594,348	426,066
	CAIXABANK SA 144A	VAR RT 09/13/2034 DD 09/13/23	800,000	865,448
	CANADIAN PACIFIC RAILWAY CO	4.200% 11/15/2069 DD 04/19/23	80,672	77,080
	CARNIVAL 4/24 (2028) TLB	0.000% 10/18/2028 DD 04/25/24	529,416	532,741
	CARRIER GLOBAL CORP	3.377% 04/05/2040 DD 10/05/20	1,599,936	1,262,656
	CASTLELAKE AVIATION 9/21 TLB	0.000% 10/22/2026 DD 09/27/21	662,742	670,729
	CENCORA INC	3.250% 03/01/2025 DD 02/20/15	994,650	993,780
	CENTENE CORP	3.000% 10/15/2030 DD 10/07/20	504,672	519,774
	CENTRAIS ELETRICAS BRASIL 144A	3.625% 02/04/2025 DD 02/04/20	200,000	198,238
	CHARLES SCHWAB CORP/THE	2.900% 03/03/2032 DD 03/03/22	299,328	263,193
	CHARTER COMMUNICATIONS OPERATI	6.384% 10/23/2035 DD 10/23/16	1,800,000	1,800,234
	CHARTER COMMUNICATIONS OPERATI	4.200% 03/15/2028 DD 09/18/17	299,271	289,071
	CHARTER COMMUNICATIONS OPERATI	5.375% 05/01/2047 DD 11/01/17	273,984	245,364
	CHARTER COMMUNICATIONS OPERATI	5.125% 07/01/2049 DD 07/10/19	799,040	630,552
	CHENIERE CORPUS CHRISTI HOLDIN	3.700% 11/15/2029 DD 05/15/20	799,400	753,472
	CHENIERE ENERGY PARTNERS LP	5.950% 06/30/2033 DD 12/30/23	997,740	1,028,430
	CIGNA GROUP/THE	5.000% 05/15/2029 DD 02/13/24	998,890	1,005,090
	CITIGROUP INC	VAR RT 04/08/2026 DD 04/08/20	300,000	297,369
	CITIGROUP INC	VAR RT 01/25/2033 DD 01/25/22	300,000	260,766
	COLLEGE AVE STUDENT C A2 144A	2.320% 07/26/2055 DD 11/23/21	558,814	583,506
	COLUMBIA PIPELINES OPERAT 144A	6.497% 08/15/2043 DD 08/08/23	999,980	1,062,660
	COMCAST CORP	4.400% 08/15/2035 DD 05/27/15	5,746,493	5,399,998
	COMMONWEALTH BANK OF AUST 144A	VAR RT 09/12/2034 DD 09/12/19	1,000,000	924,590
	CONAGRA BRANDS INC	5.300% 11/01/2038 DD 10/22/18	1,991,660	1,928,500
	CONSOLIDATED EDISON CO OF NEW	3.350% 04/01/2030 DD 03/31/20	299,316	280,881
	CONSTELLATION BRANDS INC	4.800% 01/15/2029 DD 01/11/24	973,918	974,259
	CONSTELLATION ENERGY GENERATIO	6.500% 10/01/2053 DD 09/29/23	700,760	771,281
	COOPERATIEVE RABOBANK UA	3.750% 07/21/2026 DD 07/21/16	995,460	978,450
	COX COMMUNICATIONS INC 144A	4.800% 02/01/2035 DD 12/08/14	174,937	162,330
	CQS US CLO 2022-2 2A A1R 144A	VAR RT 07/20/2031 DD 09/28/23	935,945	937,401
	CREDIT AGRICOLE SA 144A	VAR RT 03/11/2027 DD 03/11/24	1,000,000	1,003,330
	CROWN CASTLE INC	4.450% 02/15/2026 DD 02/08/16	897,039	895,743
	CROWN CASTLE INC	3.100% 11/15/2029 DD 08/15/19	698,677	639,541
	CROWN CASTLE INC	5.800% 03/01/2034 DD 12/06/23	998,350	1,028,720
	CVS HEALTH CORP	2.875% 06/01/2026 DD 05/25/16	991,390	968,880
	CVS HEALTH CORP	4.780% 03/25/2038 DD 03/09/18	2,646,378	2,410,371
	CVS HEALTH CORP	3.625% 04/01/2027 DD 03/31/20	798,576	776,800
	DANSKE BANK A/S 144A	VAR RT 12/20/2025 DD 09/20/19	300,000	299,013
	DCP MIDSTREAM OPERATING LP	3.250% 02/15/2032 DD 11/19/21	700,000	607,985
	DELL INTERNATIONAL LLC / EMC C	3.450% 12/15/2051 DD 06/15/23	24,238	25,889
	DEUTSCHE BANK AG/NEW YORK NY	VAR RT 09/18/2031 DD 09/18/20	801,603	726,520
	DEUTSCHE BANK AG/NEW YORK NY	VAR RT 01/14/2032 DD 01/14/21	4,104,170	3,615,872

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	DEUTSCHE TELEKOM AG 144A	3.625% 01/21/2050 DD 01/21/20	\$ 197,868	\$ 148,934
	DISCOVER BANK	4.650% 09/13/2028 DD 09/13/18	1,198,200	1,179,648
	DISCOVERY COMMUNICATIONS LLC	3.450% 03/15/2025 DD 03/02/15	699,405	695,205
	DTE ENERGY CO	5.100% 03/01/2029 DD 02/15/24	997,820	1,007,780
	DUKE ENERGY CAROLINAS LLC	2.850% 03/15/2032 DD 03/04/22	1,698,963	1,489,183
	DUKE ENERGY CORP	5.000% 08/15/2052 DD 08/11/22	398,332	361,752
	DUQUESNE LIGHT HOLDINGS I 144A	2.532% 10/01/2030 DD 09/21/20	700,000	604,170
	EBAY INC	2.700% 03/11/2030 DD 03/11/20	825,408	719,280
	ECOPETROL SA	7.375% 09/18/2043 DD 09/18/13	696,318	604,849
	ELECTRICITE DE FRANCE SA 144A	VAR RT 12/31/2049 DD 06/15/23	200,000	226,556
	ELECTRICITE DE FRANCE SA 144A	6.000% 01/22/2114 DD 01/22/14	712,566	591,252
	ELECTRICITE DE FRANCE SA 144A	4.750% 10/13/2035 DD 10/13/15	1,076,922	1,055,142
	ELECTRICITE DE FRANCE SA 144A	6.000% 04/22/2064 DD 04/22/24	192,584	195,878
	ELEVANCE HEALTH INC	3.700% 09/15/2049 DD 09/09/19	795,112	594,008
	ENERGY TRANSFER LP	6.500% 02/01/2042 DD 01/17/12	227,832	210,092
	ENERGY TRANSFER LP	5.150% 03/15/2045 DD 03/12/15	184,844	178,514
	ENERGY TRANSFER LP	6.125% 12/15/2045 DD 06/23/15	318,868	400,212
	ENERGY TRANSFER LP	4.200% 04/15/2023 DD 01/17/17	997,860	986,040
	ENERGY TRANSFER LP	6.550% 12/01/2033 DD 10/13/23	499,430	536,850
	ENERGY TRANSFER LP	3.750% 05/15/2030 DD 01/22/20	1,697,331	1,585,522
	ENTERGY LOUISIANA LLC	4.200% 04/01/2050 DD 03/12/19	496,465	409,410
	ENTERPRISE PRODUCTS OPERATING	5.100% 02/15/2045 DD 02/12/14	798,760	754,656
	ENTERPRISE PRODUCTS OPERATING	4.800% 02/01/2049 DD 10/11/18	993,900	896,710
	EQUIFAX INC	5.100% 06/01/2028 DD 05/16/23	797,624	805,552
	EQUINIX INC	2.900% 11/18/2026 DD 11/18/19	698,985	676,193
	EQUINOR ASA	3.125% 04/06/2030 DD 04/06/20	496,050	463,470
	EVEREST REINSURANCE HOLDINGS I	3.500% 10/15/2050 DD 10/07/20	691,908	484,379
	EVERSOURCE ENERGY	3.450% 01/15/2050 DD 01/10/20	940,320	573,088
	EVERSOURCE ENERGY	5.000% 01/01/2023 DD 01/19/24	999,350	1,005,800
	F&G GLOBAL FUNDING 144A	5.875% 06/10/2027 DD 06/10/24	999,430	1,015,200
	FARMERS INSURANCE EXCHANG 144A	VAR RT 11/01/2057 DD 10/16/17	900,000	722,250
	FIRSTENERGY CORP	3.400% 03/01/2050 DD 02/20/20	499,245	351,470
	FISERV INC	3.500% 07/01/2029 DD 06/24/19	798,656	756,048
	FORD MOTOR CREDIT CO LLC	2.900% 02/16/2028 DD 02/16/21	447,622	459,105
	FORD MOTOR CREDIT CO LLC	4.950% 05/28/2027 DD 03/28/22	1,199,844	1,186,332
	FORD MOTOR CREDIT CO LLC	3.815% 11/02/2027 DD 11/02/17	558,096	572,880
	FORTUNE BRANDS INNOVATIONS INC	4.000% 06/15/2025 DD 06/15/15	993,570	994,120
	FOX CORP	4.709% 01/25/2029 DD 01/25/20	100,000	99,482
	FRESENIUS MEDICAL CARE US 144A	2.375% 02/16/2031 DD 09/16/20	598,194	492,300
	FS KKR CAPITAL CORP	6.875% 08/15/2029 DD 06/06/24	988,580	1,029,390
	GATX CORP	5.400% 03/15/2027 DD 03/01/24	699,398	709,688
	GENERAL MILLS INC	4.700% 01/30/2027 DD 01/30/24	1,198,800	1,200,720
	GENERAL MOTORS CO	5.150% 04/01/2038 DD 08/07/17	399,748	375,400

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	GENERAL MOTORS FINANCIAL CO IN	4.350% 01/17/2027 DD 01/17/17	\$ 998,550	\$ 989,390
	GENPACT LUXEMBOURG SARL/GENPAC	6.000% 06/04/2029 DD 06/04/24	897,012	924,435
	GEORGIA POWER CO	3.700% 01/30/2050 DD 01/10/20	797,392	609,752
	GEORGIA POWER CO	4.950% 05/17/2033 DD 05/04/23	1,098,086	1,097,305
	GOLDMAN SACHS BANK USA/NEW YOR	VAR RT 05/21/2027 DD 05/21/24	1,000,000	1,001,500
	GOLDMAN SACHS GROUP INC/THE	VAR RT 04/25/2030 DD 04/25/24	900,000	925,452
	GOLDMAN SACHS GROUP INC/THE	VAR RT 10/23/2035 DD 10/23/24	1,000,000	976,850
	GOLDMAN SACHS GROUP INC/THE	6.750% 10/01/2037 DD 10/03/07	166,415	192,024
	GOLDMAN SACHS GROUP INC/THE	VAR RT 03/15/2028 DD 03/15/22	668,647	680,785
	GOLDMAN SACHS GROUP INC/THE	VAR RT 08/23/2028 DD 08/23/22	500,000	496,100
	GOLDMAN SACHS GROUP INC/THE	VAR RT 10/31/2038 DD 10/31/17	800,000	693,736
	GRAY OAK PIPELINE LLC 144A	3.450% 10/15/2027 DD 09/15/20	399,988	381,340
	GREENSAIF PIPELINES BIDCO 144A	6.129% 02/23/2038 DD 02/23/23	800,000	818,752
	HALLIBURTON CO	4.850% 11/15/2035 DD 11/13/15	730,248	769,720
	HASBRO INC	3.000% 11/19/2024 DD 11/19/19	399,244	399,440
	HCA INC	5.125% 06/15/2039 DD 06/12/19	1,387,204	1,322,818
	HOST HOTELS & RESORTS LP	3.500% 09/15/2030 DD 08/20/20	884,403	815,346
	HP INC	6.000% 09/15/2041 DD 09/19/11	170,475	155,196
	HSBC HOLDINGS PLC	VAR RT 06/04/2031 DD 06/04/20	1,800,000	1,595,700
	HSBC HOLDINGS PLC	VAR RT 08/18/2031 DD 08/18/20	1,500,000	1,288,125
	HSBC HOLDINGS PLC	VAR RT 11/22/2032 DD 11/22/21	1,400,000	1,202,292
	HSBC HOLDINGS PLC	VAR RT 08/11/2033 DD 08/11/22	292,848	301,959
	HSBC HOLDINGS PLC	VAR RT 08/14/2027 DD 08/14/23	500,000	507,025
	HSBC HOLDINGS PLC	VAR RT 05/17/2028 DD 05/17/24	1,200,000	1,217,688
	HYATT HOTELS CORP	4.375% 09/15/2028 DD 08/16/18	99,866	97,815
	HYATT HOTELS CORP	5.250% 06/30/2029 DD 06/17/24	994,960	1,005,720
	HYUNDAI CAPITAL AMERICA 144A	2.100% 09/15/2028 DD 09/17/21	998,900	896,910
	INGERSOLL RAND INC	5.400% 08/14/2028 DD 08/14/23	996,110	1,022,160
	INTERNATIONAL BUSINESS MACHINE	4.150% 05/15/2039 DD 05/15/19	497,645	438,305
	INTOWN 2022-STAY M STAY A 144A	VAR RT 08/15/2039 DD 08/15/22	1,393,000	1,403,500
	JPMORGAN CHASE & CO	3.125% 01/23/2025 DD 01/23/15	3,267,730	3,262,391
	JPMORGAN CHASE & CO	VAR RT 11/19/2026 DD 11/19/20	892,820	960,460
	JPMORGAN CHASE & CO	VAR RT 04/26/2028 DD 04/26/22	3,027,009	3,068,504
	JPMORGAN CHASE & CO	VAR RT 10/23/2034 DD 10/23/23	900,000	967,554
	JPMORGAN CHASE & CO	VAR RT 01/23/2028 DD 01/23/24	1,000,000	1,008,350
	KENTUCKY UTILITIES CO	3.300% 06/01/2050 DD 06/03/20	398,036	280,436
	KENTUCKY UTILITIES CO	5.450% 04/15/2033 DD 03/20/23	498,860	513,875
	KEURIG DR PEPPER INC	5.050% 03/15/2029 DD 03/07/24	997,230	1,010,490
	LAZARD GROUP LLC	4.375% 03/11/2029 DD 03/11/19	297,723	292,887
	LCM XIV LP 14A AR 144A	VAR RT 07/20/2031 DD 06/06/18	455,448	470,226
	LEHMAN BRTH HLD (RICI) ESCROW	0.000% 12/28/2017 DD 12/21/07	499,630	-
	LIBERTY UTILITIES CO 144A	5.577% 01/31/2029 DD 01/12/24	824,967	834,075
	LLOYDS BANK PLC REGS	STEP 04/02/2032	306,000	265,513

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	LLOYDS BANKING GROUP PLC	VAR RT 08/11/2033 DD 08/11/22	\$ 800,000	\$ 779,856
	LLOYDS BANKING GROUP PLC	VAR RT 01/05/2028 DD 01/05/24	898,848	910,395
	LOANCORE 2022-CRE7 CRE7 A 144A	VAR RT 01/17/2037 DD 02/23/22	1,067,988	1,114,604
	LOCKHEED MARTIN CORP	4.500% 05/15/2036 DD 11/23/15	392,496	382,688
	LOCKHEED MARTIN CORP	2.800% 06/15/2050 DD 05/20/20	99,133	65,741
	LOWE'S COS INC	3.700% 04/15/2046 DD 04/20/16	298,332	227,412
	MARATHON OIL CORP	5.200% 06/01/2045 DD 06/10/15	499,705	472,815
	MARRIOTT INTERNATIONAL INC/MD	3.500% 10/15/2032 DD 08/14/20	1,985,560	1,779,180
	MARSH & MCLENNAN COS INC	4.375% 03/15/2029 DD 01/15/19	1,599,440	1,580,256
	MARVELL TECHNOLOGY INC	2.450% 04/15/2028 DD 04/12/21	1,199,772	1,105,812
	MELCO RESORTS FINANCE LTD 144A	5.750% 07/21/2028 DD 07/21/20	500,000	477,080
	META PLATFORMS INC	4.650% 08/15/2062 DD 08/09/22	598,908	533,064
	MF1 2021-FL6 LTD FL6 A 144A	VAR RT 07/16/2036 DD 06/24/21	584,557	605,853
	MF1 2021-FL7 LTD FL7 A 144A	VAR RT 10/16/2036 DD 09/24/21	726,568	754,968
	MICROSOFT CORP	2.400% 08/08/2026 DD 08/08/16	1,497,210	1,452,090
	MICROSOFT CORP	4.500% 06/15/2047 DD 12/15/23	90,316	93,140
	MITSUBISHI UFJ FINANCIAL GROUP	VAR RT 09/13/2033 DD 09/13/22	300,000	309,213
	MIZUHO FINANCIAL GROUP INC	VAR RT 05/25/2026 DD 02/25/20	800,000	787,072
	MIZUHO FINANCIAL GROUP INC	VAR RT 09/08/2031 DD 09/08/20	2,300,000	1,941,315
	MORGAN STANLEY	VAR RT 10/25/2028	1,004,762	1,023,239
	MORGAN STANLEY	VAR RT 03/21/2030	217,710	220,510
	MORGAN STANLEY	4.300% 01/27/2045 DD 01/27/15	1,568,410	1,351,521
	MORGAN STANLEY	VAR RT 10/18/2028 DD 10/18/22	609,462	625,008
	MORGAN STANLEY	VAR RT 10/18/2033 DD 10/18/22	1,135,998	1,151,577
	MORGAN STANLEY	VAR RT 02/01/2029 DD 01/19/23	1,000,010	1,007,990
	MORGAN STANLEY	VAR RT 04/21/2034 DD 04/21/23	700,000	700,994
	MORGAN STANLEY	VAR RT 04/13/2028 DD 04/19/24	1,000,000	1,019,910
	MORGAN STANLEY	VAR RT 10/18/2030 DD 10/18/24	600,000	591,720
	MORGAN STANLEY BANK NA	VAR RT 01/14/2028 DD 01/18/24	1,000,000	1,008,190
	MSCI INC 144A	3.250% 08/15/2033 DD 08/17/21	798,000	854,020
	MUTUAL OF OMAHA COS GLOBA 144A	5.350% 04/09/2027 DD 04/09/24	999,950	1,012,650
	NATIONAL FUEL GAS CO	5.200% 07/15/2025 DD 06/25/15	99,686	99,842
	NATIONWIDE FINANCIAL SERV 144A	3.900% 11/30/2049 DD 11/21/19	398,032	304,996
	NATWEST GROUP PLC	VAR RT 05/08/2030 DD 05/08/19	900,000	873,666
	NATWEST GROUP PLC	VAR RT 12/31/2049 DD 06/29/20	2,100,000	2,095,800
	NATWEST GROUP PLC	VAR RT 01/27/2030 DD 09/27/18	1,100,000	1,096,832
	NAVIENT PRIVATE EDU BA A3 144A	VAR RT 07/16/2040 DD 08/13/15	503,916	507,922
	NESTLE HOLDINGS INC 144A	3.900% 09/24/2038 DD 09/24/18	692,517	621,194
	NEWMARK GROUP INC	7.500% 01/12/2029 DD 07/12/24	1,000,000	1,058,610
	NEXI SPA REGS	2.125% 04/30/2029	838,865	914,898
	NISSAN MOTOR CO LTD 144A	4.810% 09/17/2030 DD 09/17/20	3,900,000	3,599,427
	NOMURA HOLDINGS INC	5.605% 07/06/2029 DD 07/06/22	600,000	612,684
	NOMURA HOLDINGS INC	6.181% 01/18/2033 DD 01/11/23	500,000	525,995

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	OCCIDENTAL PETROLEUM CORP	8.875% 07/15/2030 DD 07/13/20	\$ 1,151,261	\$ 1,149,200
	OCI NV 144A	6.700% 03/16/2033 DD 03/16/23	499,170	499,450
	ONEOK INC	4.350% 03/15/2029 DD 03/13/19	498,435	487,330
	ONEOK INC	6.625% 09/01/2053 DD 08/24/23	298,521	323,250
	ONEOK INC	5.700% 11/01/2054 DD 09/24/24	1,595,504	1,544,192
	ONEOK PARTNERS LP	6.125% 02/01/2041 DD 01/26/11	1,924,536	1,719,414
	OOREDOO INTERNATIONAL FIN 144A	5.000% 10/19/2025 DD 10/19/10	935,000	999,850
	ORACLE CORP	3.900% 05/15/2035 DD 05/05/15	918,756	822,325
	ORACLE CORP	4.000% 07/15/2046 DD 07/07/16	299,946	236,298
	ORACLE CORP	2.500% 04/01/2025 DD 04/01/20	1,399,482	1,385,986
	ORACLE CORP	5.375% 09/27/2054 DD 09/27/24	997,190	952,620
	OWENS CORNING	3.500% 02/15/2030 DD 02/15/24	1,286,950	1,303,190
	PACIFIC GAS AND ELECTRIC CO	4.250% 03/15/2046 DD 11/05/15	315,957	238,662
	PACIFIC GAS AND ELECTRIC CO	3.300% 03/15/2027 DD 03/10/17	209,122	192,624
	PACIFIC GAS AND ELECTRIC CO	3.300% 12/01/2027 DD 11/29/17	104,719	95,356
	PACIFIC GAS AND ELECTRIC CO	3.950% 12/01/2047 DD 11/29/17	1,642,303	1,203,376
	PACIFIC GAS AND ELECTRIC CO	2.500% 02/01/2031 DD 06/19/20	798,410	686,368
	PACIFIC GAS AND ELECTRIC CO	4.550% 07/01/2030 DD 07/02/20	224,800	194,140
	PACIFIC GAS AND ELECTRIC CO	3.150% 01/01/2026 DD 07/02/20	1,258,974	1,173,660
	PACIFIC GAS AND ELECTRIC CO	4.500% 07/01/2040 DD 07/02/20	220,082	173,372
	PACIFIC GAS AND ELECTRIC CO	4.400% 03/01/2032 DD 02/18/22	996,930	948,770
	PACIFIC GAS AND ELECTRIC CO	6.750% 01/15/2053 DD 01/06/23	193,838	218,936
	PACIFIC GAS AND ELECTRIC CO	6.700% 04/01/2053 DD 03/30/23	109,482	110,025
	PACIFIC LIFECORP 144A	3.350% 09/15/2050 DD 09/15/20	496,160	347,175
	PACIFICORP	5.500% 05/15/2054 DD 05/17/23	90,575	96,357
	PACIFICORP	5.800% 01/15/2055 DD 01/05/24	993,990	1,001,280
	PENSKE TRUCK LEASING CO L 144A	4.450% 01/29/2026 DD 01/29/19	698,124	694,596
	PENSKE TRUCK LEASING CO L 144A	5.350% 01/12/2027 DD 01/12/24	1,298,583	1,311,466
	PERUSAHAAN PERSEROAN PERS 144A	4.375% 02/05/2050 DD 11/05/19	497,835	392,490
	PETROLEOS MEXICANOS	6.700% 02/16/2032 DD 12/16/21	1,039,899	933,327
	PETROLEOS MEXICANOS	6.950% 01/28/2060 DD 07/28/20	219,636	154,643
	PFIZER INC	4.100% 09/15/2038 DD 09/07/18	1,197,708	1,076,112
	PFP 2022-9 LTD 9 A 144A	VAR RT 08/19/2035 DD 09/30/22	1,298,307	1,309,539
	PHILIP MORRIS INTERNATIONAL IN	3.750% 01/15/2031	967,500	989,183
	PIEDMONT OPERATING PARTNERSHIP	6.875% 07/15/2029 DD 06/25/24	791,944	825,248
	PLAINS ALL AMERICAN PIPELINE L	4.300% 01/31/2043 DD 12/10/12	265,234	325,104
	PLAINS ALL AMERICAN PIPELINE L	4.900% 02/15/2045 DD 12/09/14	646,902	782,532
	PLAINS ALL AMERICAN PIPELINE L	4.500% 12/15/2026 DD 11/22/16	498,580	497,870
	QUALCOMM INC	4.800% 05/20/2045 DD 05/20/15	298,392	277,110
	READY CAPITAL MORT FL10 A 144A	VAR RT 10/25/2039 DD 10/19/22	988,121	1,002,072
	REGENERON PHARMACEUTICALS INC	1.750% 09/15/2030 DD 08/12/20	1,898,062	1,594,822
	RELX CAPITAL INC	3.000% 05/22/2030 DD 05/22/20	298,026	274,122
	RENEW PVT LTD 144A	5.875% 03/05/2027 DD 01/29/20	200,000	196,024

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	REVVITY INC	3.300% 09/15/2029 DD 09/12/19	\$ 398,680	\$ 369,924
	REYNOLDS AMERICAN INC	7.250% 06/15/2037 DD 06/21/07	1,789,258	1,932,495
	RGA GLOBAL FUNDING 144A	5.500% 01/11/2031 DD 01/11/24	995,990	1,020,230
	ROGERS COMMUNICATIONS INC	4.500% 03/15/2042 DD 03/15/23	494,985	432,010
	ROLLS-ROYCE PLC 144A	5.750% 10/15/2027 DD 10/21/20	700,000	714,301
	ROYAL BANK OF CANADA	4.875% 01/19/2027 DD 01/19/24	999,750	1,007,090
	ROYALTY PHARMA PLC	3.550% 09/02/2050 DD 03/02/21	1,620,202	1,180,055
	RTX CORP	4.125% 11/16/2028 DD 08/16/18	299,892	293,373
	S&P GLOBAL INC	4.250% 05/01/2029 DD 11/01/22	773,787	687,694
	SAMMONS FINANCIAL GROUP I 144A	3.350% 04/16/2031 DD 04/16/21	798,176	687,472
	SAN DIEGO GAS & ELECTRIC CO	3.700% 03/15/2052 DD 03/11/22	795,544	602,520
	SANDS CHINA LTD	VAR RT 08/08/2028 DD 08/09/18	598,350	596,616
	SANTANDER UK GROUP HOLDINGS PL	VAR RT 01/10/2029 DD 01/10/23	800,000	831,736
	SASOL FINANCING USA LLC	4.375% 09/18/2026 DD 03/18/21	500,000	481,655
	SEMPRA	6.000% 10/15/2039 DD 10/08/09	310,452	308,037
	SEMPRA	5.500% 08/01/2033 DD 06/23/23	697,900	714,420
	SHELL FINANCE US INC	4.375% 05/11/2045 DD 05/11/24	1,610,105	1,512,350
	SHRIRAM FINANCE LTD 144A	6.625% 04/22/2027 DD 01/22/24	999,610	1,010,390
	SIEMENS FINANCIERINGSMAAT 144A	4.400% 05/27/2045 DD 05/27/15	744,435	668,445
	SLM PRIVATE EDUCATIO C A5 144A	VAR RT 10/15/2041 DD 07/22/10	866,988	839,874
	SMITH & NEPHEW PLC	5.150% 03/20/2027 DD 03/20/24	699,251	703,906
	SMRT 2022-MINI MINI A 144A	VAR RT 01/15/2039 DD 02/08/22	759,750	794,312
	SOCIETE GENERALE SA 144A	VAR RT 01/10/2034 DD 01/10/23	1,500,000	1,582,380
	SOLVAY FINANCE AMERICA LL 144A	5.650% 06/04/2029 DD 06/04/24	899,802	920,304
	SOUTHERN CALIFORNIA EDISON CO	5.950% 02/01/2038 DD 01/22/08	124,895	105,007
	SOUTHERN CALIFORNIA EDISON CO	4.650% 10/01/2043 DD 10/02/13	460,286	359,816
	SOUTHERN CALIFORNIA EDISON CO	4.875% 03/01/2049 DD 03/15/19	117,300	91,896
	SOUTHERN CALIFORNIA EDISON CO	2.500% 06/01/2031 DD 06/14/21	498,165	434,515
	SOUTHERN CALIFORNIA EDISON CO	4.875% 02/01/2027 DD 01/11/24	999,800	1,007,710
	SOUTHERN CO/THE	3.700% 04/30/2030 DD 04/03/20	399,004	377,052
	SOUTHERN CO/THE	VAR RT 09/15/2051 DD 05/06/21	300,000	288,474
	SPECTRA ENERGY PARTNERS LP	3.500% 03/15/2025 DD 03/12/15	896,238	894,429
	STANDARD CHARTERED PLC 144A	VAR RT 11/16/2028 DD 11/16/22	1,300,000	1,395,199
	STRYKER CORP	2.900% 06/15/2050 DD 06/04/20	598,206	403,788
	STUDIO CITY FINANCE LTD 144A	5.000% 01/15/2029 DD 01/14/21	1,110,000	1,083,816
	SUMITOMO MITSUI FINANCIAL GROU	5.710% 01/13/2030 DD 01/13/23	1,300,000	1,343,953
	SUMITOMO MITSUI FINANCIAL GROU	5.424% 07/09/2031 DD 07/09/24	1,000,000	1,021,140
	SYNGENTA FINANCE NV 144A	4.892% 04/24/2025 DD 04/24/18	1,357,000	1,352,617
	TEACHERS INSURANCE & ANNU 144A	4.270% 05/15/2047 DD 05/08/17	1,096,480	908,919
	TELEFONICA EMISIONES SA	4.665% 03/06/2038 DD 03/06/18	1,300,000	1,175,590
	TENCENT HOLDINGS LTD 144A	3.240% 06/03/2050 DD 06/03/20	499,715	352,660
	TENNESSEE GAS PIPELINE CO LLC	8.375% 06/15/2032 DD 06/10/02	2,343,260	2,305,880
	TIME WARNER CABLE LLC	6.750% 06/15/2039 DD 06/29/09	1,914,026	1,606,556

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	T-MOBILE USA INC	3.875% 04/15/2030 DD 04/15/21	\$ 694,946	\$ 664,818
	T-MOBILE USA INC	2.250% 02/15/2026 DD 01/14/21	1,604,000	1,549,776
	T-MOBILE USA INC	3.375% 04/15/2029 DD 03/23/21	303,000	281,361
	T-MOBILE USA INC	2.400% 03/15/2029 DD 12/06/21	199,868	180,924
	T-MOBILE USA INC	4.850% 01/15/2029 DD 01/12/24	1,472,788	1,477,508
	TRANSURBAN FINANCE CO PTY 144A	2.450% 03/16/2031 DD 09/16/20	202,016	170,628
	TRUST FIBRA UNO 144A	4.869% 01/15/2030 DD 06/28/19	1,399,958	1,258,082
	UBS AG/LONDON	5.650% 09/11/2028 DD 09/11/23	720,867	721,658
	UBS GROUP AG 144A	VAR RT 06/05/2026 DD 06/05/20	1,236,755	1,276,548
	UBS GROUP AG 144A	VAR RT 01/12/2034 DD 01/12/23	1,500,000	1,562,595
	UBS GROUP AG 144A	VAR RT 02/08/2035 DD 01/08/24	1,299,896	1,331,928
	UNION PACIFIC CORP	4.100% 09/15/2067 DD 09/19/17	303,966	233,028
	UNION PACIFIC CORP	3.799% 04/06/2071 DD 04/06/21	717,570	504,924
	UNITED AIRLINES INC 144A	4.375% 04/15/2026 DD 04/21/21	500,000	490,840
	US BANCORP	VAR RT 02/01/2034 DD 02/01/23	958,380	967,850
	VALE OVERSEAS LTD	6.875% 11/10/2039 DD 11/10/09	189,408	190,622
	VALERO ENERGY CORP	6.625% 06/15/2037 DD 06/08/07	507,832	538,880
	VERIZON COMMUNICATIONS INC	3.400% 03/22/2041 DD 03/22/21	1,599,072	1,238,272
	VICI PROPERTIES LP	4.950% 02/15/2030 DD 04/29/22	598,626	589,092
	VICI PROPERTIES LP / VICI 144A	3.875% 02/15/2029 DD 02/15/22	549,282	564,522
	VODAFONE GROUP PLC	4.875% 06/19/2049 DD 06/19/19	491,255	441,670
	VODAFONE GROUP PLC	4.250% 09/17/2050 DD 09/17/19	996,240	794,570
	WARNERMEDIA HOLDINGS INC	5.141% 03/15/2052 DD 03/15/23	1,200,000	904,332
	WELLS FARGO & CO	4.400% 06/14/2046 DD 06/14/16	998,840	831,130
	WELLS FARGO & CO	VAR RT 05/22/2028 DD 05/22/17	1,141,428	1,163,292
	WELLS FARGO & CO	VAR RT 02/11/2031 DD 02/11/20	300,000	266,136
	WELLS FARGO & CO	VAR RT 06/02/2028 DD 06/02/20	912,200	940,460
	WELLS FARGO & CO	VAR RT 10/23/2034 DD 10/23/23	1,200,000	1,297,860
	WELLS FARGO BANK NA	VAR RT 01/15/2026 DD 01/23/24	1,000,000	1,004,240
	WEYERHAEUSER CO	7.375% 03/15/2032 DD 09/15/02	262,847	288,039
	WEYERHAEUSER CO	4.000% 11/15/2029 DD 02/25/19	298,386	287,928
	WEYERHAEUSER CO	4.000% 04/15/2030 DD 03/30/20	492,350	478,845
	WILLIS NORTH AMERICA INC	2.950% 09/15/2029 DD 09/10/19	615,996	547,536
	WOODSIDE FINANCE LTD	5.100% 09/12/2034 DD 09/12/24	299,232	290,610
	WOODSIDE FINANCE LTD	5.700% 09/12/2054 DD 09/12/24	398,576	387,944
	WOODSIDE FINANCE LTD 144A	4.500% 03/04/2029 DD 03/04/19	998,170	974,610
	WORLDLINE SA/FRANCE REGS	4.125% 09/12/2028	207,809	206,257
	WYNN MACAU LTD 144A	5.625% 08/26/2028 DD 08/26/20	1,793,250	1,727,064
	ZOETIS INC	2.000% 05/15/2030 DD 05/12/20	163,444	172,592
	ZOETIS INC	5.600% 11/16/2032 DD 11/16/22	798,728	831,760
		Total Corporate Bonds and Notes	337,721,899	321,143,641

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>U.S. Government Agency Securities</u>		
	COMMIT TO PUR FNMA SF MTG	2.000% 12/01/2054 DD 12/01/24	\$ (7,150,000)	\$ (6,987,552)
	COMMIT TO PUR FNMA SF MTG	3.000% 11/01/2054 DD 11/01/24	5,299,453	5,167,800
	COMMIT TO PUR FNMA SF MTG	3.500% 12/01/2054 DD 12/01/24	3,523,051	3,445,788
	COMMIT TO PUR FNMA SF MTG	4.000% 12/01/2054 DD 12/01/24	7,275,406	7,307,105
	COMMIT TO PUR FNMA SF MTG	4.500% 12/01/2054 DD 12/01/24	21,227,977	20,900,659
	COMMIT TO PUR FNMA SF MTG	5.000% 12/01/2054 DD 12/01/24	5,431,250	5,341,985
	COMMIT TO PUR FNMA SF MTG	5.500% 12/01/2054 DD 12/01/24	39,133,002	38,672,527
	COMMIT TO PUR GNMA II JUMBOS	2.000% 12/20/2054 DD 12/01/24	491,883	490,092
	COMMIT TO PUR GNMA II JUMBOS	2.500% 12/20/2054 DD 12/01/24	2,743,500	2,713,920
	COMMITMENT TO PURCHASE FNMA SI	CALL DEC 24 098.969 ED 120524	(875)	(345)
	COMMITMENT TO PURCHASE FNMA SI	PUT DEC 24 094.969 ED 120524	(1,141)	(311)
	EURO-BOBL FUTURE (EUX)	EXP DEC 24	-	1,976
	EURO-BUND FUTURE (EUX) DEC 24	CALL DEC 24 135.000 ED 112224	-	(347)
	EURO-BUND FUTURE DEC 21	PUT DEC 24 131.500 ED 11/22/24	-	(1,911)
	EURO-BUND FUTURE DEC 24	PUT DEC 24 132.000 ED 11/22/24	-	(2,432)
	EURO-BUND FUTURE DEC 24	CALL DEC 24 134.500 ED 112224	-	(478)
	FHLMC POOL #1B-0349	VAR RT 07/01/2032 DD 07/01/02	706	703
	FHLMC POOL #SD-8367	5.500% 10/01/2053 DD 09/01/23	190,527	188,709
	FHLMC POOL #ZS-4785	4.000% 08/01/2048 DD 09/01/18	104,094	94,652
	FHLMC MULTICLASS MTG 2324 PZ	6.500% 06/15/2031 DD 06/01/01	30,927	34,488
	FHLMC MULTICLASS MTG 2395 FT	VAR RT 12/15/2031 DD 12/15/01	2,640	2,625
	FHLMC MULTICLASS MTG 4935 KP	2.500% 12/25/2049 DD 11/01/19	2,529,916	2,158,630
	FHLMC MULTICLASS MTG 4948 E	2.500% 10/25/2048 DD 01/01/20	80,536	71,343
	FNMA POOL #0935316	6.000% 07/01/2039 DD 07/01/09	48,561	45,147
	FNMA POOL #0BM2003	4.000% 10/01/2047 DD 11/01/17	12,806	11,555
	FNMA POOL #0CA3674	4.000% 06/01/2049 DD 05/01/19	12,705	11,426
	FNMA POOL #0DA5382	5.000% 11/01/2053 DD 12/01/23	95,483	95,410
	FNMA POOL #0FM1107	4.000% 06/01/2049 DD 06/01/19	17,424	15,659
	FNMA GTD REMIC P/T 06-5 3A2	VAR RT 05/25/2035 DD 01/01/06	23,089	24,009
	FNMA GTD REMIC P/T 17-M8 A2	VAR RT 05/25/2027 DD 07/01/17	148,797	146,689
	GNMA POOL #0777247	2.500% 02/15/2043 DD 02/01/13	14,985	13,123
	GNMA POOL #0AA2431	2.500% 03/15/2043 DD 03/01/13	316,421	277,096
	GNMA POOL #0AD8777	2.500% 03/15/2043 DD 03/01/13	7,798	6,829
	GNMA II POOL #0MA5264	4.000% 06/20/2048 DD 06/01/18	151,371	137,539
	U S TREASURY BD PRIN STRIP	0.000% 11/15/2043 DD 11/15/13	2,400,130	3,261,532
	U S TREASURY BD PRIN STRIP	0.000% 02/15/2044 DD 02/18/14	5,667,961	6,698,052
	U S TREASURY BD PRIN STRIP	0.000% 08/15/2044 DD 08/15/14	691,744	644,240
	U S TREASURY BD PRIN STRIP	0.000% 11/15/2044 DD 11/17/14	987,818	855,657
	U S TREASURY BD PRIN STRIP	0.000% 02/15/2045 DD 02/17/15	1,877,330	1,690,330
	U S TREASURY BD PRIN STRIP	0.000% 05/15/2045 DD 05/15/15	956,790	876,443
	U S TREASURY BD PRIN STRIP	0.000% 05/15/2046 DD 05/16/16	1,639,280	1,486,080
	U S TREASURY BD PRIN STRIP	0.000% 08/15/2048 DD 08/15/18	1,574,789	1,446,993
	U S TREASURY BOND	2.500% 02/15/2046 DD 02/15/16	59,228	45,590

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>U.S. Government Agency Securities (Continued)</u>		
	U S TREASURY BOND	2.875% 11/15/2046 DD 11/15/16	\$ 2,677,675	\$ 2,073,368
	U S TREASURY BOND	3.000% 02/15/2047 DD 02/15/17	1,985,501	1,461,913
	U S TREASURY BOND	3.000% 02/15/2048 DD 02/15/18	35,412	26,880
	U S TREASURY BOND	3.125% 05/15/2048 DD 05/15/18	247,769	235,443
	U S TREASURY BOND	3.375% 11/15/2048 DD 11/15/18	1,035,360	982,308
	U S TREASURY BOND	3.000% 02/15/2049 DD 02/15/19	1,207,506	1,145,385
	U S TREASURY BOND	2.875% 05/15/2049 DD 05/15/19	156,955	149,008
	U S TREASURY BOND	2.250% 08/15/2049 DD 08/15/19	1,520,049	1,435,148
	U S TREASURY BOND	2.375% 11/15/2049 DD 11/15/19	416,724	401,976
	U S TREASURY BOND	1.125% 08/15/2040 DD 08/15/20	11,688,308	11,257,670
	U S TREASURY BOND	1.375% 11/15/2040 DD 11/15/20	20,900,646	20,151,400
	U S TREASURY BOND	1.875% 02/15/2041 DD 02/15/21	18,951,569	17,906,748
	U S TREASURY BOND	1.750% 08/15/2041 DD 08/15/21	4,122,683	2,884,698
	U S TREASURY BOND	1.875% 11/15/2051 DD 11/15/21	162,469	108,963
	U S TREASURY BOND	2.875% 05/15/2052 DD 05/15/22	13,862,244	13,605,879
	U S TREASURY BOND	3.250% 05/15/2042 DD 05/15/22	4,304,107	3,619,568
	U S TREASURY BOND	3.625% 02/15/2053 DD 02/15/23	1,377,140	1,417,317
	U S TREASURY BOND	3.625% 05/15/2053 DD 05/15/23	9,692,904	9,112,290
	U S TREASURY BOND	3.875% 05/15/2043 DD 05/15/23	3,185,628	3,100,766
	U S TREASURY BOND	4.375% 08/15/2043 DD 08/15/23	2,555,261	2,536,014
	U S TREASURY BOND	4.625% 05/15/2044 DD 05/15/24	932,690	904,644
	U S TREASURY BOND	4.250% 08/15/2054 DD 08/15/24	6,154,947	6,164,032
	US 10YR TREAS NTS FUTURE (CBT)	EXP DEC 24	-	(1,661,484)
	US 10YR ULTRA FUTURE (CBT)	EXP DEC 24	-	(576,884)
	US 5YR TREAS NTS FUTURE (CBT)	EXP DEC 24	-	1,051,921
	US TREAS-CPI INFLAT	0.625% 02/15/2043 DD 02/15/13	221,961	211,411
	US TREAS-CPI INFLAT	0.750% 02/15/2045 DD 02/15/15	654,853	614,520
	US TREAS-CPI INFLAT	0.875% 02/15/2047 DD 02/15/17	105,178	100,215
	US TREAS-CPI INFLAT	1.000% 02/15/2049 DD 02/15/19	110,523	97,147
	US TREAS-CPI INFLAT	0.250% 02/15/2050 DD 02/15/20	1,142,185	997,372
	US TREAS-CPI INFLAT	0.125% 02/15/2051 DD 02/15/21	3,799,054	3,733,819
	US TREAS-CPI INFLAT	0.125% 02/15/2052 DD 02/15/22	2,414,165	2,323,229
	US TREAS-CPI INFLAT	1.500% 02/15/2053 DD 02/15/23	467,369	455,329
	US TREAS-CPI INFLAT	2.125% 02/15/2054 DD 02/15/24	2,173,681	2,135,963
	US TREAS-CPI INFLAT	0.125% 07/15/2031 DD 07/15/21	1,471,510	1,469,992
	US TREAS-CPI INFLAT	0.125% 01/15/2032 DD 01/15/22	810,204	801,272
	US TREAS-CPI INFLAT	0.625% 07/15/2032 DD 07/15/22	100,452	98,731
	US TREAS-CPI INFLAT	1.750% 01/15/2034 DD 01/15/24	204,620	200,964
	US TREAS-CPI INFLAT	1.875% 07/15/2034 DD 07/15/24	304,819	298,910
		Total U. S. Government Agency Securities	218,771,484	210,422,870

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Other Fixed Income</u>		
	ABU DHABI GOVERNMENT INTE 144A	3.125% 04/16/2030 DD 04/16/20	\$ 597,600	\$ 559,242
	AMERICAN MUNI PWR-OHIO INC OH	6.449% 02/15/2044 DD 12/09/09	2,009,880	2,168,220
	CASH COLLATERAL HELD AT MERRIL	0.000% 01/01/2049 DD 07/01/08	3,112,000	3,112,000
	CASH COLLATERAL HELD AT MERRIL	VAR RT 01/01/2049 DD 07/01/08	3,513,000	3,513,000
	CASSA DEPOSITI E PRESTITI 144A	5.875% 04/30/2029 DD 04/30/24	892,449	922,086
	CCP IRS P EUR	CALL NOV 24 002.140 ED 110124	(794)	-
	CCP IRS P EUR	PUT NOV 24 002.410 ED 110124	(794)	(714)
	CCP IRS P EUR	CALL NOV 24 002.210 ED 110424	(840)	(12)
	CCP IRS P EUR	PUT NOV 24 002.490 ED 110424	(840)	(348)
	CCP IRS P EUR006M	CALL NOV 24 002.260 ED 111524	(607)	(358)
	CCP IRS P EUR006M	PUT NOV 24 002.560 ED 111524	(607)	(422)
	CCP IRS P EUR006M	CALL NOV 24 002.220 ED 111824	(885)	(481)
	CCP IRS P EUR006M	PUT NOV 24 002.520 ED 111824	(885)	(1,082)
	CCP OIS R SOFR	CALL NOV 24 003.366 ED 111224	(1,587)	(172)
	CCP OIS R SOFR	CALL NOV 24 003.360 ED 111224	(1,560)	(162)
	CCP OIS R SOFR	CALL NOV 24 003.355 ED 110824	(747)	(24)
	CCP OIS R SOFR	CALL NOV 24 003.355 ED 111524	(898)	(133)
	CCP OIS R SOFR	PUT NOV 24 003.866 ED 111224	(1,587)	(1,905)
	CCP OIS R SOFR	PUT NOV 24 003.860 ED 111224	(1,560)	(1,973)
	CCP OIS R SOFR	PUT NOV 24 003.855 ED 110824	(747)	(738)
	CCP OIS R SOFR	PUT NOV 24 003.855 ED 111524	(898)	(1,190)
	CCP OIS R SOFR	CALL NOV 24 003.365 ED 111824	(1,655)	(418)
	CCP OIS R SOFR	CALL NOV 24 003.460 ED 112224	(1,855)	(1,058)
	CCP OIS R SOFR	CALL NOV 24 003.460 ED 112224	(1,855)	(1,058)
	CCP OIS R SOFR	CALL NOV 24 003.293 ED 111524	(1,780)	(156)
	CCP OIS R SOFR	CALL NOV 24 003.513 ED 112524	(2,005)	(1,622)
	CCP OIS R SOFR	CALL NOV 24 003.470 ED 112524	(1,354)	(989)
	CCP OIS R SOFR	CALL NOV 24 003.542 ED 112924	(1,905)	(2,183)
	CCP OIS R SOFR	PUT NOV 24 003.865 ED 111824	(1,655)	(2,590)
	CCP OIS R SOFR	PUT NOV 24 003.960 ED 112224	(1,855)	(1,978)
	CCP OIS R SOFR	PUT NOV 24 003.960 ED 112224	(1,855)	(1,978)
	CCP OIS R SOFR	PUT NOV 24 003.793 ED 111524	(1,780)	(3,218)
	CCP OIS R SOFR	PUT NOV 24 004.013 ED 112524	(2,005)	(1,783)
	CCP OIS R SOFR	PUT NOV 24 003.970 ED 112524	(1,354)	(1,603)
	CCP OIS R SOFR	PUT NOV 24 004.042 ED 112924	(1,905)	(1,846)
	CCP OIS R SOFR	PUT MAY 25 004.329 ED 052925	47,788	23,482
	CCP OIS R USD	CALL NOV 24 003.035 ED 110124	(1,800)	-
	CCP OIS R USD	CALL NOV 24 003.115 ED 110424	(2,485)	-
	CCP OIS R USD	CALL NOV 24 003.135 ED 110424	(3,060)	-
	CCP OIS R USD	PUT NOV 24 003.515 ED 110424	(2,485)	(14,864)
	CCP OIS R USD	PUT NOV 24 003.535 ED 110424	(3,060)	(17,681)
	CCP OIS R USD	PUT NOV 24 003.435 ED 110124	(1,800)	(13,870)
	CCP_IRS. P EUR-EURIBOR-REUTERS	REC -0.18% 2033 MAR 17	-	(308,191)

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Other Fixed Income (Continued)</u>		
	CCP_IRS. P EUR-EURIBOR-REUTERS	REC 2.5% 2035 MAR 19	\$ 27,280	\$ 23,986
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 1.72% 2028 JUN 26	0	(788,332)
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 1.83% 2028 JUL 03	0	(2,022,345)
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 4.75% 2024 DEC 20	0	(8,152)
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 1.8% 2028 JUN 30	0	(3,005,189)
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 3.5% 2026 JUN 18	0	(65,583)
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 3.47% 2034 NOV 01	0	(10,366)
	CCP_IRS. R EUR-EURIBOR-REUTERS	PAY 0.0% 2053 MAR 17	0	1,687,511
	CCP_IRS. R EUR-EURIBOR-REUTERS	PAY 3.18% 2028 NOV 29	-	(3,283)
	CCP_IRS. R EUR-EURIBOR-REUTERS	PAY 2.25% 2055 MAR 19	4,800	(29,839)
	CCP_IRS. R EUR-EURIBOR-REUTERS	PAY 2.3% 2029 SEP 25	0	2,663
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 1.75% 2027 JUN 15	483,364	285,956
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.0% 2025 DEC 18	737,941	355,927
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.05% 2052 DEC 14	-	13,024
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 0.5% 2026 JUN 16	268,711	829,578
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 1.25% 2026 DEC 15	0	226,380
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 1.95% 2053 JUN 26	0	2,101,000
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 1.93% 2053 JUN 26	0	2,004,475
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 2.0% 2053 JUL 03	0	2,073,012
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 2.0% 2024 DEC 21	623,061	41,213
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 1.98% 2053 JUN 30	0	2,635,025
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 4.14% 2025 DEC 31	0	(1,312)
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.61% 2033 AUG 15	-	14,461
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.74% 2030 OCT 31	0	13,155
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.76% 2033 AUG 15	0	4,251
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.75% 2033 AUG 15	0	12,529
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.72% 2033 AUG 15	0	3,935
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 4.0% 2026 JUN 20	830,556	17,306
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.5% 2054 JUN 20	19,712	40,433
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.75% 2026 DEC 18	10,347	5,885
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 4.06% 2034 JUL 02	0	(8,951)
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.75% 2034 DEC 18	0	9,183
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.72% 2034 AUG 07	0	2,192
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.65% 2034 AUG 07	0	4,465
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.85% 2034 AUG 05	0	(2,190)
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.8% 2034 AUG 06	0	(405)
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.68% 2034 AUG 13	0	3,370
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.59% 2034 AUG 19	0	9,614
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.61% 2034 AUG 22	0	5,528
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.61% 2034 AUG 28	0	5,602
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.6% 2034 AUG 28	-	2,248

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Other Fixed Income (Continued)</u>		
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.4% 2053 NOV 15	\$ 0	\$ 163,366
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.64% 2034 AUG 28	0	4,558
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.56% 2034 AUG 28	0	11,145
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.6% 2034 AUG 28	0	5,961
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.53% 2034 SEP 04	0	14,750
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.51% 2034 SEP 04	0	15,379
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.3% 2053 DEC 02	828	113,077
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.2% 2053 DEC 05	0	8,027
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.28% 2034 SEP 16	0	20,618
	CCP_IRS._P USD-SOFR-COMPOUND C	REC 4.75% 2024 DEC 20	(158,980)	-
	CCP_IRS._P USD-SOFR-COMPOUND C	REC 3.5% 2026 JUN 18	(74,322)	-
	CCP_IRS._R EUR-EURIBOR-REUTERS	PAY 2.25% 2055 MAR 19	(5,177)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 1.25% 2026 DEC 15	(30,808)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 3.5% 2054 JUN 20	(1,313)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 3.75% 2034 DEC 18	(185,846)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 3.4% 2053 NOV 15	(46,199)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 3.3% 2053 DEC 02	(15,463)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 3.2% 2053 DEC 05	(1,503)	-
	CDS. SP UL FEDERATIVE REPUBLIC	R 100BPS 2027 JUN 20	0	2,527
	CDS. SP UL STATE OF ISRAEL	R 100BPS 2029 JUN 20	0	(2,535)
	CDS._SP UL FEDERATIVE REPUBLIC	R 100BPS 2027 JUN 20	(43,405)	-
	CDS._SP UL STATE OF ISRAEL	R 100BPS 2029 JUN 20	(2,260)	-
	CME CASH COLLATERAL HELD AT ML	0.000% 01/01/2049 DD 07/01/08	794,000	794,000
	CXT. SP UL CDX.NA.HY.37	R 500BPS 2026 DEC 20	523,486	690,867
	CXT. SP UL CDX.NA.HY.37	R 500BPS 2026 DEC 20	147,276	252,994
	CXT. SP UL CDX.NA.HY.37	R 500BPS 2026 DEC 20	78,962	107,036
	DOM MFA CASH COLL UBS	VAR RT 01/01/2049 DD 07/01/08	2,460,000	2,460,000
	FUTURES CASH COLLATERAL HELD	AT RBC	1,122,000	1,122,000
	ISRAEL GOVERNMENT INTERNATIONAL	5.375% 03/12/2029 DD 03/12/24	795,752	801,096
	LOUISIANA ST LOCAL GOVT ENVRNM	5.048% 12/01/2034 DD 03/29/23	800,000	808,312
	MEXICO GOVERNMENT INTERNATIONAL	6.350% 02/09/2035 DD 01/09/23	896,688	903,222
	NEW YORK ST URBAN DEV CORP REV	5.770% 03/15/2039 DD 12/01/09	360,000	369,871
	ROMANIAN GOVERNMENT INTER 144A	1.750% 07/13/2030	1,061,424	834,225
	ROMANIAN GOVERNMENT INTER 144A	5.625% 05/30/2037	108,003	105,710
	ROYAL BANK OF CA CASH COLL	VAR RT 01/01/2049 DD 07/01/08	(310,000)	(310,000)
	SAUDI GOVERNMENT INTERNAT 144A	4.625% 10/04/2047 DD 10/04/17	496,950	425,565
	SAUDI GOVERNMENT INTERNAT 144A	5.000% 04/17/2049 DD 04/17/18	880,434	807,741
	SAUDI GOVERNMENT INTERNAT 144A	3.450% 02/02/2061 DD 02/02/21	1,300,000	832,208
	SAUDI GOVERNMENT INTERNAT REGS	4.500% 10/26/2046	227,500	168,236
	SOCIETE GENERALE SA 144A	VAR RT 12/31/2049 DD 11/18/20	800,000	677,896
	STATE OF ISRAEL REGS	3.800% 05/13/2060	626,750	529,866
	SWAP/ISDA GOLDMAN INTL (GST)	CASH COLLAT VAR RT 01/01/2049	(280,000)	(280,000)
	SWAP/ISDA MORGAN STANLEY (MYC)	VAR RT 01/01/2049 DD 07/01/08	(900,000)	(900,000)

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Other Fixed Income (Continued)</u>		
	PIMCO, CASH	Unsettled Transaction	\$ -	\$ 8,719
	PIMCO, CASH AT BROKER	Unsettled Transaction	-	1,203,961
	PIMCO, VARIATION MARGIN ON SWAPS	Unsettled Transaction	-	(8,688,076)
	TBA CASH COLL BCY	VAR RT 01/01/2049 DD 07/01/08	750,000	750,000
	TBA CASH COLL BOA	VAR RT 01/01/2049 DD 07/01/08	730,000	730,000
	TBA CASH COLL JP MORGAN	VAR RT 01/01/2049 DD 07/01/08	(298,000)	(298,000)
	TBA CASH COLL MSC	VAR RT 01/01/2049 DD 07/01/08	307,000	307,000
	TBA CASH COLL SAL	VAR RT 01/01/2049 DD 07/01/08	(44,000)	(44,000)
	UNIV OF CALIFORNIA CA RGTS MED	6.583% 05/15/2049 DD 12/17/09	2,000,000	2,217,000
	UNIV OF CALIFORNIA REVENUES	4.858% 05/15/2112 DD 03/01/12	2,000,000	1,794,160
	WELLS FARGO CASH COLLATERAL	VAR RT 01/01/2049 DD 07/01/08	70,000	70,000
	WELLS FARGO CCP COLLATERAL	VAR RT 01/01/2049 DD 07/01/08	270,000	270,000
	EUR (EURO)		89,951	89,912
	ARS (ARGENTINE PESO)		20	1
	EUR (Currency at Broker)		57,772	57,373
	BNY MELLON CASH RESERVE	0.100% 12/31/2049 DD 06/26/97	17,124	17,124
		Total Other Fixed Income	30,480,659	26,442,082
		<u>Credit Default Swaps</u>		
	CCP_CDS. SP UL CELLNEX TELECOM	REC 500BPS 2031 JUN 20	149,083	152,753
	CCP_CDS. SP UL FORD MOTOR COMP	REC 500BPS 2028 DEC 20	76,418	96,094
	CCP_CDS. SP UL GE CME	1.000% 00BPS 2026 JUN 20	10,322	14,429
	CCP_CDS. SP UL GENERAL ELECTRI	1.000% 00BPS 2026 DEC 20	1,164	1,829
	CCP_CDS. SP UL METLIFE INC. C	REC 100BPS 2028 JUN 20	0	13,922
	CCP_CDS. SP UL ROLLS-ROYCE PLC	REC 100BPS 2026 JUN 20	0	3,976
	CCP_CDS. SP UL THE BOEING COMP	REC 100BPS 2029 DEC 20	0	(11,800)
	CCP_CDS. SP UL THE GOLDMAN SAC	1.000% 00BPS 2026 DEC 20	7,818	9,311
	CCP_CDS. SP UL VERIZON COMMUNI	1.000% 00BPS 2028 JUN 20	0	10,577
	CCP_CDS. SP UL VERIZON COMMUNI	1.000% 00BPS 2028 DEC 20	0	1,851
	CCP_CDS. SP UL VERIZON COMMUNI	1.000% 00BPS 2024 DEC 20	2,720	999
	CCP_CDS. SP UL METLIFE INC. C	REC 100BPS 2028 JUN 20	(18,174)	-
	CCP_CDS. SP UL ROLLS-ROYCE PLC	REC 100BPS 2025 JUN 20	0	4,060
	CCP_CDS. SP UL ROLLS-ROYCE PLC	REC 100BPS 2025 JUN 20	(141,175)	-
	CCP_CDS. SP UL ROLLS-ROYCE PLC	REC 100BPS 2026 JUN 20	(29,609)	-
	CCP_CDS. SP UL THE BOEING COMP	REC 100BPS 2029 DEC 20	(18,767)	-
	CCP_CDS. SP UL VERIZON COMMUNI	REC 100BPS 2028 DEC 20	(249)	-
	CCP_CDX. SP UL CDX.NA.HY.43_V1	REC 500BPS 2029 DEC 20	123,894	117,110
	CCP_CDX. SP UL CDX.NA.IG.40 CM	1.000% 00BPS 2028 JUN 20	3,663	8,583
	CCP_CDX. SP UL CDX.NA.IG.41 CM	REC 100BPS 2028 DEC 20	2,526	4,384
	CCP_CDX. SP UL CDX.NA.IG.43 CM	REC 100BPS 2029 DEC 20	1,293,325	1,228,598
		Total Credit Default Swaps	1,462,958	1,656,676
		Total Fixed Income Securities	588,437,000	559,665,269

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Collective Trust Funds:</u>		
		<u>Cash</u>		
	EB TEMP INV FD	1.147% 12/31/2049 DD 11/01/01	\$ 4,998,888	\$ 4,998,888
	EB TEMP INV FD	1.147% 12/31/2049 DD 11/01/01	1,155,712	1,155,712
	SIGMA ERISA LIQUIDATING POOL	VAR RT 12/31/2049 DD 05/01/01	98,379	-
		Total Cash	6,252,979	6,154,600
		<u>Equity, Including Convertible Securities</u>		
	BZW BARCLAYS RUSSELL 3000	INDEX FUND	15,573,779	27,327,902
	EAFE	EQUITY INDEX FUND	10,672,694	10,564,674
		Total Equity, Including Convertible Securities	26,246,473	37,892,576
		Total Collective Trust Funds	32,499,451	44,047,176
		<u>Registered Investment Company Funds:</u>		
		<u>Fixed Income</u>		
	PAPS LONG DURATION CREDIT BOND	PORTFOLIO	63,985,183	51,607,414
	PIMCO FDS	SHORT-TERM FLTG NAV PORT II	2,717,835	2,717,835
		Total Registered Investment Company Funds	66,703,018	54,325,249
		Total Investments	\$ 687,639,469	\$ 658,037,694

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4j—SCHEDULE OF REPORTABLE TRANSACTIONS (CONTINUED)
YEAR ENDED OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Identity of Party Involved	Description of Assets	Purchase Price	Selling Price	Leased Rental	Expense Incurred With Transaction	Cost	Current Value	Net Gain (Loss)
<u>Category (i) - A Single Transaction in Excess of 5% of Plan Assets</u>								
COMMIT TO PUR FNMA SF MTG	5.500% 11/01/2054 DD 11/01/24	\$ 42,254,543	\$ -	\$ -	\$ -	\$ -	\$ 42,254,543	\$ -
COMMIT TO PUR FNMA SF MTG	5.500% 11/01/2054 DD 11/01/24	-	41,748,257	-	-	42,254,543	41,748,257	(506,286)
<u>Category (iii) - A Series of Transactions in Excess of 5% of Plan Assets</u>								
COMMIT TO PUR FNMA SF MTG	2.000% 02/01/2055 DD 02/01/25	14,007,125	-	-	-	-	14,007,125	-
COMMIT TO PUR FNMA SF MTG	2.000% 02/01/2055 DD 02/01/25	-	13,877,188	-	-	13,877,188	13,877,188	-
COMMIT TO PUR FNMA SF MTG	2.000% 08/01/2055 DD 08/01/25	14,129,328	-	-	-	-	14,129,328	-
COMMIT TO PUR FNMA SF MTG	2.000% 08/01/2055 DD 08/01/25	-	14,063,156	-	-	14,063,156	14,063,156	-
COMMIT TO PUR FNMA SF MTG	2.000% 09/01/2054 DD 09/01/24	14,433,375	-	-	-	-	14,433,375	-
COMMIT TO PUR FNMA SF MTG	2.000% 09/01/2054 DD 09/01/24	-	14,249,813	-	-	14,249,813	14,249,813	-
COMMIT TO PUR FNMA SF MTG	2.000% 10/01/2050 DD 10/01/20	14,684,656	-	-	-	-	14,684,656	-
COMMIT TO PUR FNMA SF MTG	2.000% 10/01/2050 DD 10/01/20	-	14,502,125	-	-	14,502,125	14,502,125	-
COMMIT TO PUR FNMA SF MTG	3.000% 02/01/2055 DD 02/01/25	-	15,561,938	-	-	15,679,863	15,561,938	(117,925)
COMMIT TO PUR FNMA SF MTG	3.000% 02/01/2055 DD 02/01/25	15,679,863	-	-	-	-	15,679,863	-
COMMIT TO PUR FNMA SF MTG	3.000% 03/01/2055 DD 03/01/25	-	15,295,570	-	-	15,527,672	15,295,570	(232,102)
COMMIT TO PUR FNMA SF MTG	3.000% 03/01/2055 DD 03/01/25	15,527,672	-	-	-	-	15,527,672	-
COMMIT TO PUR FNMA SF MTG	3.000% 04/01/2055 DD 04/01/25	-	23,334,820	-	-	23,521,609	23,334,820	(186,789)
COMMIT TO PUR FNMA SF MTG	3.000% 04/01/2055 DD 04/01/25	23,487,227	-	-	-	-	23,487,227	-
COMMIT TO PUR FNMA SF MTG	3.000% 05/01/2055 DD 05/01/25	-	16,353,625	-	-	16,681,641	16,353,625	(328,016)
COMMIT TO PUR FNMA SF MTG	3.000% 05/01/2055 DD 05/01/25	16,681,641	-	-	-	-	16,681,641	-
COMMIT TO PUR FNMA SF MTG	3.000% 06/01/2055 DD 06/01/25	17,509,398	-	-	-	-	17,509,398	-
COMMIT TO PUR FNMA SF MTG	3.000% 06/01/2055 DD 06/01/25	-	17,652,094	-	-	17,509,398	17,652,094	142,696
COMMIT TO PUR FNMA SF MTG	3.000% 07/01/2055 DD 07/01/25	14,696,961	-	-	-	-	14,696,961	-
COMMIT TO PUR FNMA SF MTG	3.000% 07/01/2055 DD 07/01/25	-	14,843,367	-	-	14,696,961	14,843,367	146,406
COMMIT TO PUR FNMA SF MTG	3.500% 02/01/2055 DD 02/01/25	22,488,145	-	-	-	-	22,488,145	-
COMMIT TO PUR FNMA SF MTG	3.500% 02/01/2055 DD 02/01/25	-	22,764,340	-	-	22,488,145	22,764,340	276,195
COMMIT TO PUR FNMA SF MTG	3.500% 05/01/2055 DD 05/01/25	-	13,924,771	-	-	14,200,703	13,924,771	(275,932)
COMMIT TO PUR FNMA SF MTG	3.500% 05/01/2055 DD 05/01/25	14,200,703	-	-	-	-	14,200,703	-
COMMIT TO PUR FNMA SF MTG	3.500% 06/01/2055 DD 06/01/25	17,724,119	-	-	-	-	17,724,119	-
COMMIT TO PUR FNMA SF MTG	3.500% 06/01/2055 DD 06/01/25	-	17,833,835	-	-	17,724,119	17,833,835	109,716
COMMIT TO PUR FNMA SF MTG	3.500% 07/01/2055 DD 07/01/25	13,042,161	-	-	-	-	13,042,161	-
COMMIT TO PUR FNMA SF MTG	3.500% 07/01/2055 DD 07/01/25	-	13,108,708	-	-	13,042,161	13,108,708	66,547
COMMIT TO PUR FNMA SF MTG	4.000% 10/01/2054 DD 10/01/24	16,242,242	-	-	-	-	16,242,242	-
COMMIT TO PUR FNMA SF MTG	4.000% 10/01/2054 DD 10/01/24	-	16,264,641	-	-	16,240,133	16,264,641	24,508
COMMIT TO PUR FNMA SF MTG	4.500% 09/01/2054 DD 09/01/24	35,804,258	-	-	-	-	35,804,258	-
COMMIT TO PUR FNMA SF MTG	4.500% 09/01/2054 DD 09/01/24	-	35,881,691	-	-	35,804,258	35,881,691	77,433
COMMIT TO PUR FNMA SF MTG	4.500% 10/01/2054 DD 10/01/24	28,501,105	-	-	-	-	28,501,105	-
COMMIT TO PUR FNMA SF MTG	4.500% 10/01/2054 DD 10/01/24	-	28,813,664	-	-	28,501,105	28,813,664	312,559
COMMIT TO PUR FNMA SF MTG	4.500% 11/01/2054 DD 11/01/24	21,720,027	-	-	-	-	21,720,027	-
COMMIT TO PUR FNMA SF MTG	4.500% 11/01/2054 DD 11/01/24	-	21,230,348	-	-	21,720,027	21,230,348	(489,679)
COMMIT TO PUR FNMA SF MTG	5.000% 05/01/2055 DD 05/01/25	-	13,459,496	-	-	13,531,320	13,459,496	(71,824)
COMMIT TO PUR FNMA SF MTG	5.000% 05/01/2055 DD 05/01/25	13,531,320	-	-	-	-	13,531,320	-
COMMIT TO PUR FNMA SF MTG	5.000% 09/01/2054 DD 09/01/24	15,197,271	-	-	-	-	15,197,271	-
COMMIT TO PUR FNMA SF MTG	5.000% 09/01/2054 DD 09/01/24	-	15,324,955	-	-	15,197,271	15,324,955	127,684

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4j—SCHEDULE OF REPORTABLE TRANSACTIONS (CONTINUED)
YEAR ENDED OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Identity of Party Involved	Description of Assets	Purchase Price	Selling Price	Leased Rental	Expense Incurred With Transaction	Cost	Current Value	Net Gain (Loss)
Category (iii) - A Series of Transactions in Excess of 5% of Plan Assets (Continued)								
COMMIT TO PUR FNMA SF MTG	5.000% 10/01/2054 DD 10/01/24	\$ 15,368,719.0	\$ -			\$ -	\$ 15,368,719.0	\$ -
COMMIT TO PUR FNMA SF MTG	5.000% 10/01/2054 DD 10/01/24	-	15,410,828			15,368,719	15,410,828	42,109
COMMIT TO PUR FNMA SF MTG	5.500% 05/01/2055 DD 05/01/25	34,083,576	-			-	34,083,576	-
COMMIT TO PUR FNMA SF MTG	5.500% 05/01/2055 DD 05/01/25	-	34,120,221			34,083,576	34,120,221	36,645
COMMIT TO PUR FNMA SF MTG	5.500% 06/01/2055 DD 06/01/25	49,499,111	-			-	49,499,111	-
COMMIT TO PUR FNMA SF MTG	5.500% 06/01/2055 DD 06/01/25	-	49,538,471			49,499,111	49,538,471	39,360
COMMIT TO PUR FNMA SF MTG	5.500% 07/01/2055 DD 07/01/25	54,221,400	-			-	54,221,400	-
COMMIT TO PUR FNMA SF MTG	5.500% 07/01/2055 DD 07/01/25	-	54,275,926			54,221,400	54,275,926	54,526
COMMIT TO PUR FNMA SF MTG	5.500% 08/01/2055 DD 08/01/25	70,764,656	-			-	70,764,656	-
COMMIT TO PUR FNMA SF MTG	5.500% 08/01/2055 DD 08/01/25	-	71,416,084			70,764,656	71,416,084	651,428
COMMIT TO PUR FNMA SF MTG	5.500% 09/01/2054 DD 09/01/24	75,274,240	-			-	75,274,240	-
COMMIT TO PUR FNMA SF MTG	5.500% 09/01/2054 DD 09/01/24	-	75,553,170			75,274,240	75,553,170	278,930
COMMIT TO PUR FNMA SF MTG	5.500% 10/01/2054 DD 10/01/24	84,227,600	-			-	84,227,600	-
COMMIT TO PUR FNMA SF MTG	5.500% 10/01/2054 DD 10/01/24	-	84,453,736			84,227,600	84,453,736	226,136
DOM MFA CASH COLL UBS	VAR RT 01/01/2049 DD 07/01/08	16,390,000	-			-	16,390,000	-
DOM MFA CASH COLL UBS	VAR RT 01/01/2049 DD 07/01/08	-	13,930,000			13,930,000	13,930,000	-
PAPS LONG DURATION CREDIT BOND	PORTFOLIO	-	20,124,695			26,615,566	20,124,695	(6,490,871)
PAPS LONG DURATION CREDIT BOND	PORTFOLIO	15,540,912	-			-	15,540,912	-
PIMCO FDS	SHORT TERM FLTG NAV PORT II	65,800,000	-			-	65,800,000	-
PIMCO FDS	SHORT TERM FLTG NAV PORT II	-	64,400,000			64,399,253	64,400,000	747
U S TREASURY BOND	3.625% 02/15/2053 DD 02/15/23	-	16,942,207			17,292,823	16,942,207	(350,616)
U S TREASURY BOND	3.625% 02/15/2053 DD 02/15/23	15,717,133	-			-	15,717,133	-
U S TREASURY BOND	3.875% 05/15/2043 DD 05/15/23	-	38,894,866			38,969,234	38,894,866	(74,368)
U S TREASURY BOND	3.875% 05/15/2043 DD 05/15/23	35,881,904	-			-	35,881,904	-
U S TREASURY BOND	4.375% 08/15/2043 DD 08/15/23	22,952,615	-			-	22,952,615	-
U S TREASURY BOND	4.375% 08/15/2043 DD 08/15/23	-	24,384,859			23,995,751	24,384,859	389,108
U S TREASURY BOND	4.750% 11/15/2053 DD 11/15/23	-	26,752,423			26,819,445	26,752,423	(67,022)
U S TREASURY BOND	4.750% 11/15/2053 DD 11/15/23	26,819,445	-			-	26,819,445	-
COMMIT TO PUR FNMA SF MTG	2.000% 12/01/2054 DD 12/01/24	-	13,980,313			13,980,313	13,980,313	-
COMMIT TO PUR FNMA SF MTG	2.000% 12/01/2054 DD 12/01/24	13,584,313	-			-	13,584,313	-
COMMIT TO PUR FNMA SF MTG	4.500% 12/01/2054 DD 12/01/24	26,204,180	-			-	26,204,180	-
COMMIT TO PUR FNMA SF MTG	4.500% 12/01/2054 DD 12/01/24	-	9,848,891			9,822,391	9,848,891	26,500
EB TEMP INV FD	1.147% 12/31/2049 DD 11/01/01	118,019,698	-			-	118,019,698	-
EB TEMP INV FD	1.147% 12/31/2049 DD 11/01/01	-	114,820,299			114,820,299	114,820,299	-
U S TREASURY BOND	1.125% 08/15/2040 DD 08/15/20	95,362,029	-			-	95,362,029	-
U S TREASURY BOND	1.125% 08/15/2040 DD 08/15/20	-	95,206,643			98,041,591	95,206,643	(2,834,948)
U S TREASURY BOND	1.375% 11/15/2040 DD 11/15/20	170,139,384	-			-	170,139,384	-
U S TREASURY BOND	1.375% 11/15/2040 DD 11/15/20	-	169,767,272			180,272,043	169,767,272	(10,504,771)
U S TREASURY BOND	1.875% 02/15/2041 DD 02/15/21	98,003,681	-			-	98,003,681	-
U S TREASURY BOND	1.875% 02/15/2041 DD 02/15/21	-	97,784,344			103,289,801	97,784,344	(5,505,457)
U S TREASURY BOND	2.875% 05/15/2052 DD 05/15/22	76,813,739	-			-	76,813,739	-
U S TREASURY BOND	2.875% 05/15/2052 DD 05/15/22	-	76,684,938			80,128,858	76,684,938	(3,443,920)
U S TREASURY BOND	3.625% 05/15/2053 DD 05/15/23	89,262,935	-			-	89,262,935	-

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4j—SCHEDULE OF REPORTABLE TRANSACTIONS (CONTINUED)
YEAR ENDED OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Identity of Party Involved	Description of Assets	Purchase Price	Selling Price	Leased Rental	Expense Incurred With Transaction	Cost	Current Value	Net Gain (Loss)
Category (iii) - A Series of Transactions in Excess of 5% of Plan Assets (Continued)								
U S TREASURY BOND	3.625% 05/15/2053 DD 05/15/23	\$ -	\$ 97,248,205			\$ 98,060,305	\$ 97,248,205	\$ (812,100)
U S TREASURY BOND	4.625% 05/15/2044 DD 05/15/24	30,248,377	-			-	30,248,377	-
U S TREASURY BOND	4.625% 05/15/2044 DD 05/15/24	-	29,354,675			29,315,686	29,354,675	38,989
U S TREASURY BOND	4.250% 08/15/2054 DD 08/15/24	25,672,295	-			-	25,672,295	-
U S TREASURY BOND	4.250% 08/15/2054 DD 08/15/24	-	19,270,500			19,517,349	19,270,500	(246,849)

2023 Form 5500 Schedule SB Attachments
Schedule SB, Line 26a – Schedule of Active Participant Data
American Chemical Society Retirement Plan
EIN 53-0196572 / PN 001

Age and Service Distribution of Active Members

Attained Age	Completed Years of Credited Service on November 1, 2023										Total
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+	
Under 25											
25-29											
30-34											
35-39					3						3
40-44				1	20	10	1				32
45-49					30	25	6	2			63
50-54			1		38	53	13	18	3		126
55-59				1	30	58	16	21	27		153
60-64				2	12	42	17	20	22	20	135
65-69					13	21	10	10	15	19	88
Over 69					3	1		1	3	2	10
Total			1	4	149	210	63	72	70	41	610

Actuarial Assumptions and Methods

ERISA Interest Rates as required by IRC Section 430 based on plan sponsor election of the look-back month for the segment rates:

“Minimum” means for the purpose of calculating the PPA funding liability and normal cost for the minimum required contribution.

“Maximum” means for the purpose of calculating the PPA funding liability and normal cost for the maximum tax-deductible contribution.

	2023 Plan Year		2022 Plan Year	
Purpose	Minimum	Maximum	Minimum	Maximum
Interest Rate Type	Full Yield Curve	Full Yield Curve	Full Yield Curve	Full Yield Curve
Segment rates or full yield curve	Full Yield Curve	Full Yield Curve	Full Yield Curve	Full Yield Curve
Look-back months	1	1	1	1

COLA Increases: 2.25% (unchanged). The known COLA of 3.40% is reflected as of April 1, 2024 for a one-year select period.

Cash Balance Interest Crediting Rate: 3.50% (unchanged). The known Interest Crediting Rate of 4.47% is reflected for a one-year select period.

Administrative Expenses: \$2,118,000. Estimated based on the prior year non-investment related administrative expenses paid from the Trust, rounded to the nearest \$1,000.

2023 Form 5500 Schedule SB Attachments
Schedule SB, Part V – Statement of Actuarial Assumptions/Methods
American Chemical Society Retirement Plan
EIN 53-0196572 / PN 001

Actuarial Assumptions and Methods (continued)

Mortality:

IRS 2023 Static Mortality Table using separate tables for annuitants and non-annuitants as prescribed by IRC Section 430. These tables include future mortality improvement of 8 years for males and 9 years for females with the following adjustments: For ages below 80, the projection period is increased by 1 year for each year below age 80. For ages above 80, the projection period is reduced (but not below zero) by 1/3 year for each year above 80 (previously IRS 2022 Static Mortality Table).

This plan does not have a large enough population to vary from the standard tables.

Retirement Rates: Terminated Vested participants are assumed to retire at age 64. Retirement rates for active participants vary by age, as determined by the prior actuary for the plan.

<u>Age</u>	<u>Retirement Rate</u>
55	3.00%
56-59	4.00%
60	7.00%
61	8.00%
62-64	15.00%
65	25.00%
66	20.00%
67-69	15.00%
70+	100.00%

Actuarial Assumptions and Methods (continued)

Withdrawal Rates: Rates varying by age, as determined by the prior actuary for the plan.

Sample rates are shown below:

<u>Age</u>	<u>Termination Rate</u>
25	8.95%
30	7.95%
35	6.90%
40	5.65%
45	4.35%
50	2.80%
55	0.00%

Marital Status: 50% of males and females are assumed married, with females 3 years younger than males.

Maximum Benefit: \$265,000 for 2023. For determining limitations under funding amounts and liabilities under FASB ASC 960, no future increases in the IRC Section 415 limit have been reflected.

Maximum Salary: N/A.

Form of Payment:

Final Average Pay Formula: 25% of participants are assumed to elect the 10-year Certain and Life Annuity, 25% are assumed to elect a Single Life Annuity, and 50% are assumed to elect at 50% Joint and Survivor Annuity.

Cash Balance Formula: 50% are assumed to elect an immediate Lump Sum and 50% are assumed to elect a deferred Lump Sum at age 64.

Actuarial Assumptions and Methods (continued)

Actuarial Value of Plan Assets for Funding Purposes:

The actuarial value of assets is equal to:

- a) the market value of assets, including discounted receivables, on the valuation date, less
- b) the following percentages of prior periods' investment gains (losses):
 - i) 67% of the final 6 months of the prior year, and
 - ii) 33% of the first 6 months of the prior year.

Investment gains and losses are defined as the excess or deficiency of the expected return on the market value (at an assumed rate of 3.00%, not to exceed the third segment rate for that year) over the actual return on the market value of assets, including discounted receivables, for any given year.

- c) The actuarial value of assets can be neither less than 90% nor greater than 110% of the market value of assets, including discounted receivables.

Shortfall Amortization Charge for ERISA Funding Purposes: Per IRC Section 430(c), the shortfall amortization charge for any plan year is the aggregate total (not less than zero) of the shortfall amortization installments for such plan year with respect to any shortfall amortization base which has not been fully amortized. The shortfall amortization installments are the amounts necessary to amortize the shortfall amortization base of the plan for any plan year in level annual installments over the 15-year period beginning with such plan year.

Actuarial Assumptions and Methods (continued)

Actuarial Cost Method: The unit credit cost method is used for ERISA funding target (FT) purposes. Under this method, accrued pension benefits are determined for all eligible active participants. These benefits reflect service, salary and negotiated benefit increases to date. The liability is then equal to the present value of all benefits (PVAB) for inactive participants plus the PVAB for active participants.

The normal cost is determined on an individual basis for all active participants who have not attained the assumed retirement age and is equal to the present value of the difference between the current accrued benefit and the anticipated accrued benefit one year later, with the accrued benefit based upon earnings, or negotiated benefit increases, to date in both cases. The total normal cost is based upon the sum of the individual normal costs. The target normal cost for funding is equal to the total normal cost plus assumed administrative expenses expected to be paid from the trust.

The projected unit credit method is used for IRS maximum deductible limit cushion amount purposes. Under this method, accrued pension benefits are determined for all eligible active participants reflecting service to date and anticipated salary and negotiated benefit increases to the assumed retirement age. This liability for active participants is then added to the present value of all benefits for inactive participants to determine the total liability under this method.

The normal cost is determined on an individual basis for all active participants who have not attained the assumed retirement age and is equal to the present value of the difference between the current accrued benefit and the anticipated accrued benefit one year later, with the accrued benefit based upon earnings and negotiated benefit increases projected to assumed retirement age in both cases. The total normal cost is based upon the sum of the individual normal costs.

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4j—SCHEDULE OF REPORTABLE TRANSACTIONS (CONTINUED)
YEAR ENDED OCTOBER 31, 2024

(a) Identity of Party Involved	(b) Description of Assets	(c) Purchase Price	(d) Selling Price	(e) Leased Rental	(f) Expense Incurred With Transaction	(g) Cost	(h) Current Value	(i) Net Gain (Loss)
Category (i) - A Single Transaction in Excess of 5% of Plan Assets								
COMMIT TO PUR FNMA SF MTG	5.500% 11/01/2054 DD 11/01/24	\$ 42,254,543	\$ -	\$ -	\$ -	\$ -	\$ 42,254,543	\$ -
COMMIT TO PUR FNMA SF MTG	5.500% 11/01/2054 DD 11/01/24	-	41,748,257	-	-	42,254,543	41,748,257	(506,286)
Category (iii) - A Series of Transactions in Excess of 5% of Plan Assets								
COMMIT TO PUR FNMA SF MTG	2.000% 02/01/2055 DD 02/01/25	14,007,125	-	-	-	-	14,007,125	-
COMMIT TO PUR FNMA SF MTG	2.000% 02/01/2055 DD 02/01/25	-	13,877,188	-	-	13,877,188	13,877,188	-
COMMIT TO PUR FNMA SF MTG	2.000% 08/01/2055 DD 08/01/25	14,129,328	-	-	-	-	14,129,328	-
COMMIT TO PUR FNMA SF MTG	2.000% 08/01/2055 DD 08/01/25	-	14,063,156	-	-	14,063,156	14,063,156	-
COMMIT TO PUR FNMA SF MTG	2.000% 09/01/2054 DD 09/01/24	14,433,375	-	-	-	-	14,433,375	-
COMMIT TO PUR FNMA SF MTG	2.000% 09/01/2054 DD 09/01/24	-	14,249,813	-	-	14,249,813	14,249,813	-
COMMIT TO PUR FNMA SF MTG	2.000% 10/01/2050 DD 10/01/20	14,684,656	-	-	-	-	14,684,656	-
COMMIT TO PUR FNMA SF MTG	2.000% 10/01/2050 DD 10/01/20	-	14,502,125	-	-	14,502,125	14,502,125	-
COMMIT TO PUR FNMA SF MTG	3.000% 02/01/2055 DD 02/01/25	-	15,561,938	-	-	15,679,863	15,561,938	(117,925)
COMMIT TO PUR FNMA SF MTG	3.000% 02/01/2055 DD 02/01/25	15,679,863	-	-	-	-	15,679,863	-
COMMIT TO PUR FNMA SF MTG	3.000% 03/01/2055 DD 03/01/25	-	15,295,570	-	-	15,527,672	15,295,570	(232,102)
COMMIT TO PUR FNMA SF MTG	3.000% 03/01/2055 DD 03/01/25	15,527,672	-	-	-	-	15,527,672	-
COMMIT TO PUR FNMA SF MTG	3.000% 04/01/2055 DD 04/01/25	-	23,334,820	-	-	23,521,609	23,334,820	(186,789)
COMMIT TO PUR FNMA SF MTG	3.000% 04/01/2055 DD 04/01/25	23,487,227	-	-	-	-	23,487,227	-
COMMIT TO PUR FNMA SF MTG	3.000% 05/01/2055 DD 05/01/25	-	16,353,625	-	-	16,681,641	16,353,625	(328,016)
COMMIT TO PUR FNMA SF MTG	3.000% 05/01/2055 DD 05/01/25	16,681,641	-	-	-	-	16,681,641	-
COMMIT TO PUR FNMA SF MTG	3.000% 06/01/2055 DD 06/01/25	17,509,398	-	-	-	-	17,509,398	-
COMMIT TO PUR FNMA SF MTG	3.000% 06/01/2055 DD 06/01/25	-	17,652,094	-	-	17,509,398	17,652,094	142,696
COMMIT TO PUR FNMA SF MTG	3.000% 07/01/2055 DD 07/01/25	14,696,961	-	-	-	-	14,696,961	-
COMMIT TO PUR FNMA SF MTG	3.000% 07/01/2055 DD 07/01/25	-	14,843,367	-	-	14,696,961	14,843,367	146,406
COMMIT TO PUR FNMA SF MTG	3.500% 02/01/2055 DD 02/01/25	22,488,145	-	-	-	-	22,488,145	-
COMMIT TO PUR FNMA SF MTG	3.500% 02/01/2055 DD 02/01/25	-	22,764,340	-	-	22,488,145	22,764,340	276,195
COMMIT TO PUR FNMA SF MTG	3.500% 05/01/2055 DD 05/01/25	-	13,924,771	-	-	14,200,703	13,924,771	(275,932)
COMMIT TO PUR FNMA SF MTG	3.500% 05/01/2055 DD 05/01/25	14,200,703	-	-	-	-	14,200,703	-
COMMIT TO PUR FNMA SF MTG	3.500% 06/01/2055 DD 06/01/25	17,724,119	-	-	-	-	17,724,119	-
COMMIT TO PUR FNMA SF MTG	3.500% 06/01/2055 DD 06/01/25	-	17,833,835	-	-	17,724,119	17,833,835	109,716
COMMIT TO PUR FNMA SF MTG	3.500% 07/01/2055 DD 07/01/25	13,042,161	-	-	-	-	13,042,161	-
COMMIT TO PUR FNMA SF MTG	3.500% 07/01/2055 DD 07/01/25	-	13,108,708	-	-	13,042,161	13,108,708	66,547
COMMIT TO PUR FNMA SF MTG	4.000% 10/01/2054 DD 10/01/24	16,242,242	-	-	-	-	16,242,242	-
COMMIT TO PUR FNMA SF MTG	4.000% 10/01/2054 DD 10/01/24	-	16,264,641	-	-	16,240,133	16,264,641	24,508
COMMIT TO PUR FNMA SF MTG	4.500% 09/01/2054 DD 09/01/24	35,804,258	-	-	-	-	35,804,258	-
COMMIT TO PUR FNMA SF MTG	4.500% 09/01/2054 DD 09/01/24	-	35,881,691	-	-	35,804,258	35,881,691	77,433
COMMIT TO PUR FNMA SF MTG	4.500% 10/01/2054 DD 10/01/24	28,501,105	-	-	-	-	28,501,105	-
COMMIT TO PUR FNMA SF MTG	4.500% 10/01/2054 DD 10/01/24	-	28,813,664	-	-	28,501,105	28,813,664	312,559
COMMIT TO PUR FNMA SF MTG	4.500% 11/01/2054 DD 11/01/24	21,720,027	-	-	-	-	21,720,027	-
COMMIT TO PUR FNMA SF MTG	4.500% 11/01/2054 DD 11/01/24	-	21,230,348	-	-	21,720,027	21,230,348	(489,679)
COMMIT TO PUR FNMA SF MTG	5.000% 05/01/2055 DD 05/01/25	-	13,459,496	-	-	13,531,320	13,459,496	(71,824)
COMMIT TO PUR FNMA SF MTG	5.000% 05/01/2055 DD 05/01/25	13,531,320	-	-	-	-	13,531,320	-
COMMIT TO PUR FNMA SF MTG	5.000% 09/01/2054 DD 09/01/24	15,197,271	-	-	-	-	15,197,271	-
COMMIT TO PUR FNMA SF MTG	5.000% 09/01/2054 DD 09/01/24	-	15,324,955	-	-	15,197,271	15,324,955	127,684

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4j—SCHEDULE OF REPORTABLE TRANSACTIONS (CONTINUED)
YEAR ENDED OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Identity of Party Involved	Description of Assets	Purchase Price	Selling Price	Leased Rental	Expense Incurred With Transaction	Cost	Current Value	Net Gain (Loss)
Category (iii) - A Series of Transactions in Excess of 5% of Plan Assets (Continued)								
COMMIT TO PUR FNMA SF MTG	5.000% 10/01/2054 DD 10/01/24	\$ 15,368,719.0	\$ -			\$ -	\$ 15,368,719.0	\$ -
COMMIT TO PUR FNMA SF MTG	5.000% 10/01/2054 DD 10/01/24	-	15,410,828			15,368,719	15,410,828	42,109
COMMIT TO PUR FNMA SF MTG	5.500% 05/01/2055 DD 05/01/25	34,083,576	-			-	34,083,576	-
COMMIT TO PUR FNMA SF MTG	5.500% 05/01/2055 DD 05/01/25	-	34,120,221			34,083,576	34,120,221	36,645
COMMIT TO PUR FNMA SF MTG	5.500% 06/01/2055 DD 06/01/25	49,499,111	-			-	49,499,111	-
COMMIT TO PUR FNMA SF MTG	5.500% 06/01/2055 DD 06/01/25	-	49,538,471			49,499,111	49,538,471	39,360
COMMIT TO PUR FNMA SF MTG	5.500% 07/01/2055 DD 07/01/25	54,221,400	-			-	54,221,400	-
COMMIT TO PUR FNMA SF MTG	5.500% 07/01/2055 DD 07/01/25	-	54,275,926			54,221,400	54,275,926	54,526
COMMIT TO PUR FNMA SF MTG	5.500% 08/01/2055 DD 08/01/25	70,764,656	-			-	70,764,656	-
COMMIT TO PUR FNMA SF MTG	5.500% 08/01/2055 DD 08/01/25	-	71,416,084			70,764,656	71,416,084	651,428
COMMIT TO PUR FNMA SF MTG	5.500% 09/01/2054 DD 09/01/24	75,274,240	-			-	75,274,240	-
COMMIT TO PUR FNMA SF MTG	5.500% 09/01/2054 DD 09/01/24	-	75,553,170			75,274,240	75,553,170	278,930
COMMIT TO PUR FNMA SF MTG	5.500% 10/01/2054 DD 10/01/24	84,227,600	-			-	84,227,600	-
COMMIT TO PUR FNMA SF MTG	5.500% 10/01/2054 DD 10/01/24	-	84,453,736			84,227,600	84,453,736	226,136
DOM MFA CASH COLL UBS	VAR RT 01/01/2049 DD 07/01/08	16,390,000	-			-	16,390,000	-
DOM MFA CASH COLL UBS	VAR RT 01/01/2049 DD 07/01/08	-	13,930,000			13,930,000	13,930,000	-
PAPS LONG DURATION CREDIT BOND	PORTFOLIO	-	20,124,695			26,615,566	20,124,695	(6,490,871)
PAPS LONG DURATION CREDIT BOND	PORTFOLIO	15,540,912	-			-	15,540,912	-
PIMCO FDS	SHORT TERM FLTG NAV PORT II	65,800,000	-			-	65,800,000	-
PIMCO FDS	SHORT TERM FLTG NAV PORT II	-	64,400,000			64,399,253	64,400,000	747
U S TREASURY BOND	3.625% 02/15/2053 DD 02/15/23	-	16,942,207			17,292,823	16,942,207	(350,616)
U S TREASURY BOND	3.625% 02/15/2053 DD 02/15/23	15,717,133	-			-	15,717,133	-
U S TREASURY BOND	3.875% 05/15/2043 DD 05/15/23	-	38,894,866			38,969,234	38,894,866	(74,368)
U S TREASURY BOND	3.875% 05/15/2043 DD 05/15/23	35,881,904	-			-	35,881,904	-
U S TREASURY BOND	4.375% 08/15/2043 DD 08/15/23	22,952,615	-			-	22,952,615	-
U S TREASURY BOND	4.375% 08/15/2043 DD 08/15/23	-	24,384,859			23,995,751	24,384,859	389,108
U S TREASURY BOND	4.750% 11/15/2053 DD 11/15/23	-	26,752,423			26,819,445	26,752,423	(67,022)
U S TREASURY BOND	4.750% 11/15/2053 DD 11/15/23	26,819,445	-			-	26,819,445	-
COMMIT TO PUR FNMA SF MTG	2.000% 12/01/2054 DD 12/01/24	-	13,980,313			13,980,313	13,980,313	-
COMMIT TO PUR FNMA SF MTG	2.000% 12/01/2054 DD 12/01/24	13,584,313	-			-	13,584,313	-
COMMIT TO PUR FNMA SF MTG	4.500% 12/01/2054 DD 12/01/24	26,204,180	-			-	26,204,180	-
COMMIT TO PUR FNMA SF MTG	4.500% 12/01/2054 DD 12/01/24	-	9,848,891			9,822,391	9,848,891	26,500
EB TEMP INV FD	1.147% 12/31/2049 DD 11/01/01	118,019,698	-			-	118,019,698	-
EB TEMP INV FD	1.147% 12/31/2049 DD 11/01/01	-	114,820,299			114,820,299	114,820,299	-
U S TREASURY BOND	1.125% 08/15/2040 DD 08/15/20	95,362,029	-			-	95,362,029	-
U S TREASURY BOND	1.125% 08/15/2040 DD 08/15/20	-	95,206,643			98,041,591	95,206,643	(2,834,948)
U S TREASURY BOND	1.375% 11/15/2040 DD 11/15/20	170,139,384	-			-	170,139,384	-
U S TREASURY BOND	1.375% 11/15/2040 DD 11/15/20	-	169,767,272			180,272,043	169,767,272	(10,504,771)
U S TREASURY BOND	1.875% 02/15/2041 DD 02/15/21	98,003,681	-			-	98,003,681	-
U S TREASURY BOND	1.875% 02/15/2041 DD 02/15/21	-	97,784,344			103,289,801	97,784,344	(5,505,457)
U S TREASURY BOND	2.875% 05/15/2052 DD 05/15/22	76,813,739	-			-	76,813,739	-
U S TREASURY BOND	2.875% 05/15/2052 DD 05/15/22	-	76,684,938			80,128,858	76,684,938	(3,443,920)
U S TREASURY BOND	3.625% 05/15/2053 DD 05/15/23	89,262,935	-			-	89,262,935	-

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4j—SCHEDULE OF REPORTABLE TRANSACTIONS (CONTINUED)
YEAR ENDED OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Identity of Party Involved	Description of Assets	Purchase Price	Selling Price	Leased Rental	Expense Incurred With Transaction	Cost	Current Value	Net Gain (Loss)
Category (iii) - A Series of Transactions in Excess of 5% of Plan Assets (Continued)								
U S TREASURY BOND	3.625% 05/15/2053 DD 05/15/23	\$ -	\$ 97,248,205			\$ 98,060,305	\$ 97,248,205	\$ (812,100)
U S TREASURY BOND	4.625% 05/15/2044 DD 05/15/24	30,248,377	-			-	30,248,377	-
U S TREASURY BOND	4.625% 05/15/2044 DD 05/15/24	-	29,354,675			29,315,686	29,354,675	38,989
U S TREASURY BOND	4.250% 08/15/2054 DD 08/15/24	25,672,295	-			-	25,672,295	-
U S TREASURY BOND	4.250% 08/15/2054 DD 08/15/24	-	19,270,500			19,517,349	19,270,500	(246,849)

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 2023 This Form is Open to Public Inspection
--	--	---

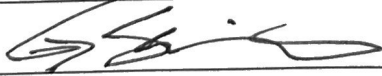
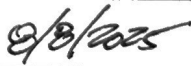
For calendar plan year 2023 or fiscal plan year beginning 11/01/2023 and ending 10/31/2024

- ▶ **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 AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF AMERICAN CHEMICAL SOCIETY	D Employer Identification Number (EIN) 53-0196572
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>11</u> Day <u>01</u> Year <u>2023</u>	
2 Assets:	
a Market value.....	2a 488,809,871
b Actuarial value.....	2b 518,330,396
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment.....	(1) Number of participants 1,484 (2) Vested Funding Target 426,577,431 (3) Total Funding Target 426,577,431
b For terminated vested participants.....	427 30,990,309 30,990,309
c For active participants.....	610 70,567,157 71,141,863
d Total.....	2,521 528,134,897 528,709,603
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 6.11%
6 Target normal cost	
a Present value of current plan year accruals.....	6a 0
b Expected plan-related expenses.....	6b 2,118,000
c Target normal cost.....	6c 2,118,000

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		
George S. Marino	Signature of actuary	Date
Type or print name of actuary		2307701
Fidelity Investments		Most recent enrollment number
Firm name		617-563-5216
245 Summer Street, V1B		Telephone number (including area code)
Boston MA 02210	Address of the firm	

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

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	0	43,378,731
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)		1,589,301
9	Amount remaining (line 7 minus line 8)	0	41,789,430
10	Interest on line 9 using prior year's actual return of <u>1.63</u> %	0	681,168
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year).....		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.76</u> %.....		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return.....		0
	c Total available at beginning of current plan year to add to prefunding balance.....		0
	d Portion of (c) to be added to prefunding balance.....		
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12).....	0	42,470,598

Part III Funding Percentages			
14	Funding target attainment percentage	14	90.00 %
15	Adjusted funding target attainment percentage	15	90.00 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement.....	16	97.40 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

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

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:			
a	Contributions allocated toward unpaid minimum required contributions from prior years.....	19a	0
b	Contributions made to avoid restrictions adjusted to valuation date.	19b	0
c	Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0

20 Quarterly contributions and liquidity shortfalls:		
a	Did the plan have a "funding shortfall" for the prior year?	☒ Yes ☐ No
b	If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	☒ Yes ☐ No
c If line 20a is "Yes," see instructions and complete the following table as applicable:		
Liquidity shortfall as of end of quarter of this plan year		
(1) 1st	(2) 2nd	(3) 3rd (4) 4th
0	0	0 0

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

21 Discount rate:				
a Segment rates:	1st segment: %	2nd segment: %	3rd segment: %	☒ N/A, full yield curve used
b Applicable month (enter code).....				21b
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	2,118,000	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	52,849,805	5,203,135	
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	7,321,135	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement		7,321,135	7,321,135
36 Additional cash requirement (line 34 minus line 35)	36	0	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	0	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b		
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
--

2023 Form 5500 Schedule SB Attachments
Schedule SB, Line 22 – Description of Weighted Average Retirement Age
American Chemical Society Retirement Plan
EIN 53-0196572 / PN 001

(1)	(2)	(3)	(4)	(5)
Age*	Total Exposure	Retirement Percent	Retirements (2) * (3)	(1)*(4)
55.5	1,000,000	3.00%	30,000	1,665,000
56.5	970,000	4.00%	38,800	2,192,200
57.5	931,200	4.00%	37,248	2,141,760
58.5	893,952	4.00%	35,758	2,091,843
59.5	858,194	4.00%	34,328	2,042,516
60.5	823,866	7.00%	57,671	3,489,096
61.5	766,195	8.00%	61,296	3,769,704
62.5	704,899	15.00%	105,735	6,608,438
63.5	599,164	15.00%	89,875	5,707,063
64.5	509,289	15.00%	76,393	4,927,349
65.5	432,896	25.00%	108,224	7,088,672
66.5	324,672	20.00%	64,934	4,318,111
67.5	259,738	15.00%	38,961	2,629,868
68.5	220,777	15.00%	33,117	2,268,515
69.5	187,660	15.00%	28,149	1,956,356
70.0	159,511	100.00%	159,511	11,165,770
			1,000,000	64,062,261

Total of (5) Divided by Age 55.5 Exposure 64,062,261 / 1,000,000 = **64**
(Rounded to the Nearest Whole Year)

* Middle of year decrement timing is assumed except for ages 70+ that are assumed to occur at the beginning of the year.

2023 Form 5500 Schedule SB Attachments
Schedule SB, Part V – Summary of Plan Provisions
American Chemical Society Retirement Plan
EIN 53-0196572 / PN 001
Plan Provisions

Name of Plan: American Chemical Society Retirement Plan.

Employer Identification Number / Plan Number: 53-0196572/001.

Effective Date: November 1, 1963. Effective date of most recent amendment, November 1, 2019.

Covered Employees: All members with at least one year of qualifying service and over age twenty-one.

Participation Date: Date of becoming a covered employee. Those hired on or after September 1, 2007 will not enter the Plan.

Definitions:

Vesting service: One year of vesting service for each year during which 1,000 or more hours were completed.

Benefit service: One year of benefit service is credited if 1,000 or more hours of service are completed. Effective October 31, 2009, Benefit Service is frozen.

Pensionable pay: Base pay plus any deferrals plus employer “pick up” contributions. Compensation after December 31, 2007 is ignored for participants who elect basic contributions under the Defined Contribution Plan. Compensation after October 31, 2009 is ignored for all other participants.

Average earnings (Traditional Benefit Participants only): Highest average annual earnings in the 36 consecutive months out of the last 120 months of employment. Earnings are frozen as of October 31, 2009.

Normal retirement date (NRD): The first day of the month coincident with or immediately following the date the participant attains Age 65.

Choice Program: Participants were provided the opportunity to waive certain rights to future accruals under the Plan in return for the right to be credited with certain basic contributions under the defined contribution plan. For anyone who elected basic contributions under the defined contribution plan, all accruals ceased effective December 31, 2007. The hypothetical Cash Balance account for participants who made this election continues to be credited with interest only.

Accrued benefit: The pension benefit payable to a Participant at Normal Retirement Date in the Normal Form. The Accrued Benefit is the sum of the Cash Balance Formula Accrued Benefit Plus the Traditional Formula Accrued Benefit, further defined below.

Plan Provisions (continued)

Cash Balance Formula Benefit: The Cash Balance Formula provides for 7% pay credits for Compensation earned prior to October 31, 2009 and interest credits based on the 30-year Treasury security for the second calendar month preceding the first day of the plan year. The Cash Balance Account will continue to be credited with interest credits only beyond October 31, 2009 until the participant commences payments. The Cash Balance benefit is available for participants electing the Cash Balance Formula on October 31, 2001 and new participants on or after November 1, 2001.

Traditional Formula Benefit: The Traditional Accrued Benefit is equal to the maximum of the following:

- (1) *Traditional Formula Post 10/31/1989 + Traditional Formula Pre 11/1/1989;*
- (2) *Minimum Accrued Benefit (1989 Formula)*
- (3) *Minimum Accrued Benefit (1980 Formula)*

Traditional Formula Benefit Post 10/31/1989: Benefit for service earned after October 31, 1989 and prior to November 1, 2001 for participants electing the cash balance formula. Benefit for service earned after October 31, 1989 for participants electing final average pay formulas on October 31, 2001. The sum of (a) and (b):

- (a) 1.60% times the participant's frozen final average compensation at date of retirement times years of service for better accrual purposes (up to 30 years total) after November 1, 1989; plus
- (b) 0.65% times the participant's frozen final average compensation in excess of his covered compensation times years of service for benefit accrual purposes (up to 30 years total) after November 1, 1989.

Traditional Formula Benefit Pre 11/1/1989: Benefit for service earned prior to November 1, 1989. The difference of (c) and (d):

- (c) 2½% times the participant's frozen final average compensation, multiplied by Benefit Service (up to 30 years) earned prior to November 1, 1989; minus
- (d) 1⅓% of the participant's frozen primary Social Security benefit, multiplied by Benefit Service (up to 30 years) earned prior to November 1, 1989, but not greater than 50% x (c).

Minimum Accrued Benefit (1989 Formula): Benefit for service earned prior to Benefit accrued to December 1, 1990 under plan in effect on October 31, 1989.

Plan Provisions (continued)

Minimum Accrued Benefit (1980 Formula): Accrued Benefit for Participants hired prior to November 1, 1980. Benefit accrued to December 1, 1990 under the Plan in effect on October 31, 1980 if Participant on October 31, 1980.

Eligibility for Benefits:

NRD: Retirement on NRD.

Early retirement: Age 55 with ten years of vesting service.

Postponed retirement: Retirement after NRD.

Deferred vested: Terminations for reasons other than death, disability, or retirement after completing five years of vesting service. Three years of vesting service for any participant who is credited with at least one hour of service on or after January 1, 2008.

Pre-retirement spouse benefit: Death with five years of vesting service with a surviving spouse.

Disability: Permanently and totally disabled.

Monthly Benefits Paid Upon the Following Events:

Early retirement: Eligible if age 55 with 10 years of service for vesting purposes. There is a reduction of $1/180^{\text{th}}$ for each of the first 36 months and $1/360^{\text{th}}$ for each of the next 60 months by which benefits commence prior to age 63, with the following exceptions:

- (1) the excess portion of a participant's benefit as defined above in (b) of the *Traditional Formula Benefit Post 10/31/1989*, shall be reduced 8% for each of the first three years and 4% for each of the next seven years by which the benefit commencement date precedes age 65.
- (2) For participants as of October 31, 1980 the benefit shall not be less than that under the plan in effect at that time, had the provisions of the plan continued in effect until December 1, 1990, which is 3% per year from ages 65 to 55.

Vested Termination: Participants are eligible for a vested terminated benefit if they have five years of vesting service or three years of vesting service for any participant who is credited with at least one hour of service on or after January 1, 2008.

Plan Provisions (continued)

Late retirement: The Cash Balance Account continues to accrue interest credits until commencement. The Traditional Formula Benefit does not receive Actuarial Increases.

Preretirement Death Benefit – Traditional Formula: If married, the sum of (a) and (b):

(a) The amount payable to the surviving spouse as if such Participant had elected the 50% Joint and Survivor Annuity. If the participant is eligible for early retirement at the time the death the benefit is payable on the first of the month coincident with or following death. Otherwise, the death benefit is payable on the participant's Earliest Commencement Date. If less than 10 years of Vesting Service, the Earliest Commencement Date is NRD; plus

(b) Lump Sum equal to the present value of the participants accrued benefit minus the benefit amount in (a).

If not married, a lump sum equal to the participant's accrued benefit.

Preretirement Death Benefit – Cash Balance Formula: The value of the cash balance account or an actuarially equivalent monthly annuity.

Postretirement Death: Benefits will be paid to the designated Beneficiary based on the form of payment elected at retirement; plus a \$2,500 lump sum to a designated beneficiary for participants who retire directly from active status.

Cost-of-Living Adjustments (COLA):

The Traditional Benefit is eligible for a COLA. Benefit payments are adjusted every April 1st based on Consumer Price Index (CPI-U) with the following conditions:

1. The benefit will not be adjusted for the first 5% increase in CPI-U measured from Benefit Commencement Date.
2. Benefit payments after COLA cannot be less than 90% of original benefit.
3. The maximum increase in benefit for any one year is 5%
4. The total COLA increases applied to the benefit cannot increase by more than 50% of the original benefit.
5. Effective April 1, 1991, employees whose benefits had been capped for at least three years were given a special ad hoc increase.

Forms of Payment:

Normal form (single participants): 10 Year Certain and Life Annuity benefit.

2023 Form 5500 Schedule SB Attachments
Schedule SB, Part V – Summary of Plan Provisions
American Chemical Society Retirement Plan
EIN 53-0196572 / PN 001

Plan Provisions (continued)

Normal form (married participants:) Actuarially Equivalent 50% Joint & Survivor annuity with spouse as beneficiary.

Optional forms: Participants who retire under the plan may elect the following benefit payment options:

- Single Life Annuity
- Certain and Continuous Life Annuity (10, 15, or 20 Year)
- Joint & Survivor Annuity (50%, 66⅔%, 75% or 100%)
- Joint & Survivor Annuity with Social Security Leveling Option at age 62 or 65 (50%, 66⅔%, 75% or 100%)
- Joint & Survivor Annuity with Pop-Up (50%, 66⅔%, 75% or 100%)
- Social Security Leveling Option at age 62 or 65
- Lump Sum Distribution (equal to the cash balance account).

Maximum on Benefits and Pay: All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective.

Plan Changes: No future plan changes were recognized in determining minimum and maximum contributions.

The plan was closed to employees hired on or after September 1, 2007. Effective October 31, 2009, Benefit Service is frozen.

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities:</u>		
		<u>Corporate Bonds and Notes</u>		
	7-ELEVEN INC 144A	2.500% 02/10/2041 DD 02/10/21	\$ 593,466	\$ 398,556
	ABBVIE INC	3.600% 05/14/2025 DD 05/14/15	1,497,375	1,490,985
	ABBVIE INC	4.700% 05/14/2045 DD 05/14/15	966,948	873,079
	ABBVIE INC	4.250% 11/14/2028 DD 09/18/18	495,725	495,485
	ABBVIE INC	4.250% 11/21/2049 DD 05/21/20	597,378	510,714
	ABN AMRO BANK NV 144A	4.750% 07/28/2025 DD 07/28/15	398,928	397,976
	ABU DHABI NATIONAL ENERGY 144A	4.750% 03/09/2037 DD 10/09/24	992,360	966,360
	AEP TEXAS INC	3.450% 01/15/2050 DD 12/05/19	398,128	276,672
	AERCAP IRELAND CAPITAL DAC / A	2.450% 10/29/2026 DD 10/29/21	926,390	954,440
	AERCAP IRELAND CAPITAL DAC / A	3.000% 10/29/2028 DD 10/29/21	598,908	556,818
	AERCAP IRELAND CAPITAL DAC / A	5.100% 01/19/2029 DD 01/11/24	148,229	150,375
	AES CORP/THE	5.450% 06/01/2028 DD 05/17/23	699,580	706,636
	AIA GROUP LTD 144A	3.375% 04/07/2030 DD 04/07/20	299,118	279,879
	AIRCASTLE LTD 144A	5.950% 02/15/2029 DD 01/22/24	198,782	204,434
	ALCON FINANCE CORP 144A	3.000% 09/23/2029 DD 09/23/19	498,160	462,325
	ALCON FINANCE CORP 144A	2.600% 05/27/2030 DD 05/27/20	399,372	356,252
	ALLIANT ENERGY FINANCE LL 144A	5.400% 06/06/2027 DD 06/06/24	999,430	1,010,340
	ALLY FINANCIAL INC	VAR RT 01/03/2030 DD 12/14/23	700,000	727,643
	ALTRIA GROUP INC	4.800% 02/14/2029 DD 02/14/19	294,165	293,056
	AMERICAN AIRLINES INC/AAD 144A	5.500% 04/20/2026 DD 03/24/21	948,374	897,138
	AMERICAN ASSETS TRUST LP	3.375% 02/01/2031 DD 01/26/21	791,480	693,424
	AMERICAN EXPRESS CO	VAR RT 02/16/2028 DD 02/16/24	1,000,000	1,007,790
	AMERICAN INTERNATIONAL GROUP I	4.750% 04/01/2048 DD 03/26/18	994,130	907,710
	AMERICAN TOWER CORP	4.000% 06/01/2025 DD 05/07/15	1,984,560	1,989,900
	AMERICAN TOWER CORP	5.200% 02/15/2029 DD 03/07/24	797,104	809,088
	AMGEN INC	5.250% 03/02/2030 DD 03/02/23	1,296,997	1,325,818
	AMMC CLO XII LTD 12A AR2 144A	VAR RT 11/10/2030 DD 07/02/21	154,814	154,923
	ANHEUSER-BUSCH COS LLC / ANHEU	4.700% 02/01/2036 DD 02/01/19	2,409,750	2,410,150
	ANHEUSER-BUSCH INBEV WORLDWIDE	5.450% 01/23/2039 DD 01/23/19	598,332	611,442
	ANHEUSER-BUSCH INBEV WORLDWIDE	4.950% 01/15/2042 DD 07/15/16	979,047	858,420
	ANHEUSER-BUSCH INBEV WORLDWIDE	4.375% 04/15/2038 DD 04/04/18	689,885	645,379
	ANTARES HOLDINGS LP 144A	6.500% 02/08/2029 DD 02/08/24	993,750	995,340
	APPALACHIAN POWER CO	4.500% 08/01/2032 DD 08/01/22	797,896	766,392
	APPLE INC	4.100% 08/08/2062 DD 08/08/22	152,045	165,908
	ARES CAPITAL CORP	7.000% 01/15/2027 DD 08/03/23	198,514	206,646
	ASHTAD CAPITAL INC 144A	5.950% 10/15/2033 DD 07/27/23	799,296	818,264
	AT&T INC	3.500% 09/15/2053 DD 03/15/21	212,266	182,092
	AT&T INC	2.550% 12/01/2033 DD 06/01/21	1,931,319	1,593,705
	AT&T INC	3.800% 12/01/2057 DD 06/01/21	6,605,799	4,427,685
	ATHENE GLOBAL FUNDING 144A	5.339% 01/15/2027 DD 01/17/24	1,000,000	1,006,180
	ATHENE GLOBAL FUNDING 144A	5.516% 03/25/2027 DD 03/26/24	1,000,000	1,011,430
	AUTONATION INC	4.750% 06/01/2030 DD 05/22/20	397,916	389,656
	AVIATION CAPITAL GROUP LL 144A	6.750% 10/25/2028 DD 10/05/23	594,738	631,050

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	AVOLON 6/23 B6 COV-LITE TLB	0.000% 06/09/2028 DD 06/06/23	\$ 573,333	\$ 578,464
	AVOLON HOLDINGS FUNDING L 144A	5.500% 01/15/2026 DD 09/29/20	1,099,153	1,101,056
	AVOLON HOLDINGS FUNDING L 144A	5.750% 03/01/2029 DD 01/25/24	693,973	710,003
	BACARDI LTD 144A	4.700% 05/15/2028 DD 04/30/18	1,993,620	1,975,780
	BANCO BILBAO VIZCAYA ARGENTARI	VAR RT 09/14/2028 DD 09/14/22	510,160	514,765
	BANCO BILBAO VIZCAYA ARGENTARI	5.381% 03/13/2029 DD 03/13/24	1,000,000	1,015,730
	BANCO BTG PACTUAL SA/CAYM 144A	4.500% 01/10/2025 DD 12/10/19	505,000	497,845
	BANCO SANTANDER CHILE 144A	2.700% 01/10/2025 DD 01/10/20	600,000	596,112
	BANCO SANTANDER SA	3.490% 05/28/2030 DD 05/28/20	600,000	550,254
	BANK OF AMERICA CORP	VAR RT 04/24/2028 DD 04/24/17	953,800	974,400
	BANK OF AMERICA CORP	VAR RT 12/20/2028 DD 12/20/17	4,680,158	4,509,178
	BANK OF AMERICA CORP	VAR RT 06/19/2026 DD 06/19/20	946,010	976,640
	BANK OF AMERICA CORP	VAR RT 04/27/2028 DD 04/27/22	975,050	989,940
	BANK OF NEW YORK MELLON CORP/T	VAR RT 03/14/2030 DD 03/14/24	1,000,000	1,007,060
	BARCLAYS PLC	VAR RT 05/09/2034 DD 05/09/23	500,000	523,490
	BARCLAYS PLC	VAR RT 09/13/2034 DD 09/13/23	900,000	972,531
	BARCLAYS PLC	VAR RT 03/12/2028 DD 03/12/24	1,000,000	1,012,450
	BARCLAYS PLC	VAR RT 09/10/2028 DD 09/10/24	1,200,000	1,194,480
	BARINGS CLO LTD 201 1A A1 144A	VAR RT 04/15/2031 DD 04/05/18	952,790	988,023
	BAT CAPITAL CORP	4.390% 08/15/2037 DD 08/15/18	100,000	87,136
	BAYER US FINANCE LLC 144A	6.250% 01/21/2029 DD 11/21/23	1,416,687	1,447,740
	BAYER US FINANCE LLC 144A	6.500% 11/21/2033 DD 11/21/23	897,651	943,470
	BECTON DICKINSON & CO	4.874% 02/08/2029 DD 02/08/24	794,187	800,912
	BGC GROUP INC	6.600% 06/10/2029 DD 06/10/24	999,030	1,015,970
	BIOGEN INC	3.250% 02/15/2051 DD 02/15/22	755,520	526,013
	BLACKSTONE HOLDINGS FINAN 144A	6.250% 08/15/2042 DD 08/17/12	1,629,127	1,767,575
	BMW US CAPITAL LLC 144A	3.750% 04/12/2028 DD 04/12/18	1,398,838	1,349,166
	BNP PARIBAS SA 144A	4.400% 08/14/2028 DD 08/14/18	696,248	685,139
	BNP PARIBAS SA 144A	VAR RT 05/20/2030 DD 02/20/24	1,595,975	1,623,536
	BOEING CO/THE	5.705% 05/01/2040 DD 05/04/20	300,000	288,534
	BOEING CO/THE	5.930% 05/01/2060 DD 05/04/20	668,439	652,897
	BOEING CO/THE	5.150% 05/01/2030 DD 05/04/20	1,300,000	1,282,645
	BOEING CO/THE	2.750% 02/01/2026 DD 11/02/20	999,200	969,520
	BOEING CO/THE 144A	6.858% 05/01/2054 DD 05/01/24	907,914	965,592
	BOSTON GAS CO 144A	6.119% 07/20/2053 DD 07/20/23	1,000,000	1,015,590
	BOSTON PROPERTIES LP	3.400% 06/21/2029 DD 06/21/19	499,075	459,665
	BPCE SA 144A	VAR RT 10/19/2034 DD 10/19/23	1,300,000	1,418,313
	BPCE SA 144A	4.500% 03/15/2025 DD 09/15/14	985,770	996,270
	BRISTOL-MYERS SQUIBB CO	3.400% 07/26/2029 DD 01/26/20	276,698	265,192
	BRITISH TELECOMMUNICATION 144A	4.250% 11/08/2049 DD 11/08/19	700,000	568,141
	BROADCOM INC 144A	2.450% 02/15/2031 DD 01/19/21	998,040	863,630
	BROADCOM INC 144A	3.469% 04/15/2034 DD 03/31/21	2,307,470	1,997,933
	BROADCOM INC 144A	3.137% 11/15/2035 DD 09/30/21	912,207	754,165

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	BROADCOM INC 144A	3.187% 11/15/2036 DD 09/30/21	\$ 1,688,519	\$ 1,381,607
	BROOKFIELD FINANCE LLC / BROOK	3.450% 04/15/2050 DD 02/21/20	594,348	426,066
	CAIXABANK SA 144A	VAR RT 09/13/2034 DD 09/13/23	800,000	865,448
	CANADIAN PACIFIC RAILWAY CO	4.200% 11/15/2069 DD 04/19/23	80,672	77,080
	CARNIVAL 4/24 (2028) TLB	0.000% 10/18/2028 DD 04/25/24	529,416	532,741
	CARRIER GLOBAL CORP	3.377% 04/05/2040 DD 10/05/20	1,599,936	1,262,656
	CASTLELAKE AVIATION 9/21 TLB	0.000% 10/22/2026 DD 09/27/21	662,742	670,729
	CENCORA INC	3.250% 03/01/2025 DD 02/20/15	994,650	993,780
	CENTENE CORP	3.000% 10/15/2030 DD 10/07/20	504,672	519,774
	CENTRAIS ELETRICAS BRASIL 144A	3.625% 02/04/2025 DD 02/04/20	200,000	198,238
	CHARLES SCHWAB CORP/THE	2.900% 03/03/2032 DD 03/03/22	299,328	263,193
	CHARTER COMMUNICATIONS OPERATI	6.384% 10/23/2035 DD 10/23/16	1,800,000	1,800,234
	CHARTER COMMUNICATIONS OPERATI	4.200% 03/15/2028 DD 09/18/17	299,271	289,071
	CHARTER COMMUNICATIONS OPERATI	5.375% 05/01/2047 DD 11/01/17	273,984	245,364
	CHARTER COMMUNICATIONS OPERATI	5.125% 07/01/2049 DD 07/10/19	799,040	630,552
	CHENIERE CORPUS CHRISTI HOLDIN	3.700% 11/15/2029 DD 05/15/20	799,400	753,472
	CHENIERE ENERGY PARTNERS LP	5.950% 06/30/2033 DD 12/30/23	997,740	1,028,430
	CIGNA GROUP/THE	5.000% 05/15/2029 DD 02/13/24	998,890	1,005,090
	CITIGROUP INC	VAR RT 04/08/2026 DD 04/08/20	300,000	297,369
	CITIGROUP INC	VAR RT 01/25/2033 DD 01/25/22	300,000	260,766
	COLLEGE AVE STUDENT C A2 144A	2.320% 07/26/2055 DD 11/23/21	558,814	583,506
	COLUMBIA PIPELINES OPERAT 144A	6.497% 08/15/2043 DD 08/08/23	999,980	1,062,660
	COMCAST CORP	4.400% 08/15/2035 DD 05/27/15	5,746,493	5,399,998
	COMMONWEALTH BANK OF AUST 144A	VAR RT 09/12/2034 DD 09/12/19	1,000,000	924,590
	CONAGRA BRANDS INC	5.300% 11/01/2038 DD 10/22/18	1,991,660	1,928,500
	CONSOLIDATED EDISON CO OF NEW	3.350% 04/01/2030 DD 03/31/20	299,316	280,881
	CONSTELLATION BRANDS INC	4.800% 01/15/2029 DD 01/11/24	973,918	974,259
	CONSTELLATION ENERGY GENERATIO	6.500% 10/01/2053 DD 09/29/23	700,760	771,281
	COOPERATIEVE RABOBANK UA	3.750% 07/21/2026 DD 07/21/16	995,460	978,450
	COX COMMUNICATIONS INC 144A	4.800% 02/01/2035 DD 12/08/14	174,937	162,330
	CQS US CLO 2022-2 2A A1R 144A	VAR RT 07/20/2031 DD 09/28/23	935,945	937,401
	CREDIT AGRICOLE SA 144A	VAR RT 03/11/2027 DD 03/11/24	1,000,000	1,003,330
	CROWN CASTLE INC	4.450% 02/15/2026 DD 02/08/16	897,039	895,743
	CROWN CASTLE INC	3.100% 11/15/2029 DD 08/15/19	698,677	639,541
	CROWN CASTLE INC	5.800% 03/01/2034 DD 12/06/23	998,350	1,028,720
	CVS HEALTH CORP	2.875% 06/01/2026 DD 05/25/16	991,390	968,880
	CVS HEALTH CORP	4.780% 03/25/2038 DD 03/09/18	2,646,378	2,410,371
	CVS HEALTH CORP	3.625% 04/01/2027 DD 03/31/20	798,576	776,800
	DANSKE BANK A/S 144A	VAR RT 12/20/2025 DD 09/20/19	300,000	299,013
	DCP MIDSTREAM OPERATING LP	3.250% 02/15/2032 DD 11/19/21	700,000	607,985
	DELL INTERNATIONAL LLC / EMC C	3.450% 12/15/2051 DD 06/15/23	24,238	25,889
	DEUTSCHE BANK AG/NEW YORK NY	VAR RT 09/18/2031 DD 09/18/20	801,603	726,520
	DEUTSCHE BANK AG/NEW YORK NY	VAR RT 01/14/2032 DD 01/14/21	4,104,170	3,615,872

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	DEUTSCHE TELEKOM AG 144A	3.625% 01/21/2050 DD 01/21/20	\$ 197,868	\$ 148,934
	DISCOVER BANK	4.650% 09/13/2028 DD 09/13/18	1,198,200	1,179,648
	DISCOVERY COMMUNICATIONS LLC	3.450% 03/15/2025 DD 03/02/15	699,405	695,205
	DTE ENERGY CO	5.100% 03/01/2029 DD 02/15/24	997,820	1,007,780
	DUKE ENERGY CAROLINAS LLC	2.850% 03/15/2032 DD 03/04/22	1,698,963	1,489,183
	DUKE ENERGY CORP	5.000% 08/15/2052 DD 08/11/22	398,332	361,752
	DUQUESNE LIGHT HOLDINGS I 144A	2.532% 10/01/2030 DD 09/21/20	700,000	604,170
	EBAY INC	2.700% 03/11/2030 DD 03/11/20	825,408	719,280
	ECOPETROL SA	7.375% 09/18/2043 DD 09/18/13	696,318	604,849
	ELECTRICITE DE FRANCE SA 144A	VAR RT 12/31/2049 DD 06/15/23	200,000	226,556
	ELECTRICITE DE FRANCE SA 144A	6.000% 01/22/2114 DD 01/22/14	712,566	591,252
	ELECTRICITE DE FRANCE SA 144A	4.750% 10/13/2035 DD 10/13/15	1,076,922	1,055,142
	ELECTRICITE DE FRANCE SA 144A	6.000% 04/22/2064 DD 04/22/24	192,584	195,878
	ELEVANCE HEALTH INC	3.700% 09/15/2049 DD 09/09/19	795,112	594,008
	ENERGY TRANSFER LP	6.500% 02/01/2042 DD 01/17/12	227,832	210,092
	ENERGY TRANSFER LP	5.150% 03/15/2045 DD 03/12/15	184,844	178,514
	ENERGY TRANSFER LP	6.125% 12/15/2045 DD 06/23/15	318,868	400,212
	ENERGY TRANSFER LP	4.200% 04/15/2023 DD 01/17/17	997,860	986,040
	ENERGY TRANSFER LP	6.550% 12/01/2033 DD 10/13/23	499,430	536,850
	ENERGY TRANSFER LP	3.750% 05/15/2030 DD 01/22/20	1,697,331	1,585,522
	ENTERGY LOUISIANA LLC	4.200% 04/01/2050 DD 03/12/19	496,465	409,410
	ENTERPRISE PRODUCTS OPERATING	5.100% 02/15/2045 DD 02/12/14	798,760	754,656
	ENTERPRISE PRODUCTS OPERATING	4.800% 02/01/2049 DD 10/11/18	993,900	896,710
	EQUIFAX INC	5.100% 06/01/2028 DD 05/16/23	797,624	805,552
	EQUINIX INC	2.900% 11/18/2026 DD 11/18/19	698,985	676,193
	EQUINOR ASA	3.125% 04/06/2030 DD 04/06/20	496,050	463,470
	EVEREST REINSURANCE HOLDINGS I	3.500% 10/15/2050 DD 10/07/20	691,908	484,379
	EVERSOURCE ENERGY	3.450% 01/15/2050 DD 01/10/20	940,320	573,088
	EVERSOURCE ENERGY	5.000% 01/01/2023 DD 01/19/24	999,350	1,005,800
	F&G GLOBAL FUNDING 144A	5.875% 06/10/2027 DD 06/10/24	999,430	1,015,200
	FARMERS INSURANCE EXCHANG 144A	VAR RT 11/01/2057 DD 10/16/17	900,000	722,250
	FIRSTENERGY CORP	3.400% 03/01/2050 DD 02/20/20	499,245	351,470
	FISERV INC	3.500% 07/01/2029 DD 06/24/19	798,656	756,048
	FORD MOTOR CREDIT CO LLC	2.900% 02/16/2028 DD 02/16/21	447,622	459,105
	FORD MOTOR CREDIT CO LLC	4.950% 05/28/2027 DD 03/28/22	1,199,844	1,186,332
	FORD MOTOR CREDIT CO LLC	3.815% 11/02/2027 DD 11/02/17	558,096	572,880
	FORTUNE BRANDS INNOVATIONS INC	4.000% 06/15/2025 DD 06/15/15	993,570	994,120
	FOX CORP	4.709% 01/25/2029 DD 01/25/20	100,000	99,482
	FRESENIUS MEDICAL CARE US 144A	2.375% 02/16/2031 DD 09/16/20	598,194	492,300
	FS KKR CAPITAL CORP	6.875% 08/15/2029 DD 06/06/24	988,580	1,029,390
	GATX CORP	5.400% 03/15/2027 DD 03/01/24	699,398	709,688
	GENERAL MILLS INC	4.700% 01/30/2027 DD 01/30/24	1,198,800	1,200,720
	GENERAL MOTORS CO	5.150% 04/01/2038 DD 08/07/17	399,748	375,400

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	GENERAL MOTORS FINANCIAL CO IN	4.350% 01/17/2027 DD 01/17/17	\$ 998,550	\$ 989,390
	GENPACT LUXEMBOURG SARL/GENPAC	6.000% 06/04/2029 DD 06/04/24	897,012	924,435
	GEORGIA POWER CO	3.700% 01/30/2050 DD 01/10/20	797,392	609,752
	GEORGIA POWER CO	4.950% 05/17/2033 DD 05/04/23	1,098,086	1,097,305
	GOLDMAN SACHS BANK USA/NEW YOR	VAR RT 05/21/2027 DD 05/21/24	1,000,000	1,001,500
	GOLDMAN SACHS GROUP INC/THE	VAR RT 04/25/2030 DD 04/25/24	900,000	925,452
	GOLDMAN SACHS GROUP INC/THE	VAR RT 10/23/2035 DD 10/23/24	1,000,000	976,850
	GOLDMAN SACHS GROUP INC/THE	6.750% 10/01/2037 DD 10/03/07	166,415	192,024
	GOLDMAN SACHS GROUP INC/THE	VAR RT 03/15/2028 DD 03/15/22	668,647	680,785
	GOLDMAN SACHS GROUP INC/THE	VAR RT 08/23/2028 DD 08/23/22	500,000	496,100
	GOLDMAN SACHS GROUP INC/THE	VAR RT 10/31/2038 DD 10/31/17	800,000	693,736
	GRAY OAK PIPELINE LLC 144A	3.450% 10/15/2027 DD 09/15/20	399,988	381,340
	GREENSAIF PIPELINES BIDCO 144A	6.129% 02/23/2038 DD 02/23/23	800,000	818,752
	HALLIBURTON CO	4.850% 11/15/2035 DD 11/13/15	730,248	769,720
	HASBRO INC	3.000% 11/19/2024 DD 11/19/19	399,244	399,440
	HCA INC	5.125% 06/15/2039 DD 06/12/19	1,387,204	1,322,818
	HOST HOTELS & RESORTS LP	3.500% 09/15/2030 DD 08/20/20	884,403	815,346
	HP INC	6.000% 09/15/2041 DD 09/19/11	170,475	155,196
	HSBC HOLDINGS PLC	VAR RT 06/04/2031 DD 06/04/20	1,800,000	1,595,700
	HSBC HOLDINGS PLC	VAR RT 08/18/2031 DD 08/18/20	1,500,000	1,288,125
	HSBC HOLDINGS PLC	VAR RT 11/22/2032 DD 11/22/21	1,400,000	1,202,292
	HSBC HOLDINGS PLC	VAR RT 08/11/2033 DD 08/11/22	292,848	301,959
	HSBC HOLDINGS PLC	VAR RT 08/14/2027 DD 08/14/23	500,000	507,025
	HSBC HOLDINGS PLC	VAR RT 05/17/2028 DD 05/17/24	1,200,000	1,217,688
	HYATT HOTELS CORP	4.375% 09/15/2028 DD 08/16/18	99,866	97,815
	HYATT HOTELS CORP	5.250% 06/30/2029 DD 06/17/24	994,960	1,005,720
	HYUNDAI CAPITAL AMERICA 144A	2.100% 09/15/2028 DD 09/17/21	998,900	896,910
	INGERSOLL RAND INC	5.400% 08/14/2028 DD 08/14/23	996,110	1,022,160
	INTERNATIONAL BUSINESS MACHINE	4.150% 05/15/2039 DD 05/15/19	497,645	438,305
	INTOWN 2022-STAY M STAY A 144A	VAR RT 08/15/2039 DD 08/15/22	1,393,000	1,403,500
	JPMORGAN CHASE & CO	3.125% 01/23/2025 DD 01/23/15	3,267,730	3,262,391
	JPMORGAN CHASE & CO	VAR RT 11/19/2026 DD 11/19/20	892,820	960,460
	JPMORGAN CHASE & CO	VAR RT 04/26/2028 DD 04/26/22	3,027,009	3,068,504
	JPMORGAN CHASE & CO	VAR RT 10/23/2034 DD 10/23/23	900,000	967,554
	JPMORGAN CHASE & CO	VAR RT 01/23/2028 DD 01/23/24	1,000,000	1,008,350
	KENTUCKY UTILITIES CO	3.300% 06/01/2050 DD 06/03/20	398,036	280,436
	KENTUCKY UTILITIES CO	5.450% 04/15/2033 DD 03/20/23	498,860	513,875
	KEURIG DR PEPPER INC	5.050% 03/15/2029 DD 03/07/24	997,230	1,010,490
	LAZARD GROUP LLC	4.375% 03/11/2029 DD 03/11/19	297,723	292,887
	LCM XIV LP 14A AR 144A	VAR RT 07/20/2031 DD 06/06/18	455,448	470,226
	LEHMAN BRTH HLD (RICI) ESCROW	0.000% 12/28/2017 DD 12/21/07	499,630	-
	LIBERTY UTILITIES CO 144A	5.577% 01/31/2029 DD 01/12/24	824,967	834,075
	LLOYDS BANK PLC REGS	STEP 04/02/2032	306,000	265,513

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	LLOYDS BANKING GROUP PLC	VAR RT 08/11/2033 DD 08/11/22	\$ 800,000	\$ 779,856
	LLOYDS BANKING GROUP PLC	VAR RT 01/05/2028 DD 01/05/24	898,848	910,395
	LOANCORE 2022-CRE7 CRE7 A 144A	VAR RT 01/17/2037 DD 02/23/22	1,067,988	1,114,604
	LOCKHEED MARTIN CORP	4.500% 05/15/2036 DD 11/23/15	392,496	382,688
	LOCKHEED MARTIN CORP	2.800% 06/15/2050 DD 05/20/20	99,133	65,741
	LOWE'S COS INC	3.700% 04/15/2046 DD 04/20/16	298,332	227,412
	MARATHON OIL CORP	5.200% 06/01/2045 DD 06/10/15	499,705	472,815
	MARRIOTT INTERNATIONAL INC/MD	3.500% 10/15/2032 DD 08/14/20	1,985,560	1,779,180
	MARSH & MCLENNAN COS INC	4.375% 03/15/2029 DD 01/15/19	1,599,440	1,580,256
	MARVELL TECHNOLOGY INC	2.450% 04/15/2028 DD 04/12/21	1,199,772	1,105,812
	MELCO RESORTS FINANCE LTD 144A	5.750% 07/21/2028 DD 07/21/20	500,000	477,080
	META PLATFORMS INC	4.650% 08/15/2062 DD 08/09/22	598,908	533,064
	MF1 2021-FL6 LTD FL6 A 144A	VAR RT 07/16/2036 DD 06/24/21	584,557	605,853
	MF1 2021-FL7 LTD FL7 A 144A	VAR RT 10/16/2036 DD 09/24/21	726,568	754,968
	MICROSOFT CORP	2.400% 08/08/2026 DD 08/08/16	1,497,210	1,452,090
	MICROSOFT CORP	4.500% 06/15/2047 DD 12/15/23	90,316	93,140
	MITSUBISHI UFJ FINANCIAL GROUP	VAR RT 09/13/2033 DD 09/13/22	300,000	309,213
	MIZUHO FINANCIAL GROUP INC	VAR RT 05/25/2026 DD 02/25/20	800,000	787,072
	MIZUHO FINANCIAL GROUP INC	VAR RT 09/08/2031 DD 09/08/20	2,300,000	1,941,315
	MORGAN STANLEY	VAR RT 10/25/2028	1,004,762	1,023,239
	MORGAN STANLEY	VAR RT 03/21/2030	217,710	220,510
	MORGAN STANLEY	4.300% 01/27/2045 DD 01/27/15	1,568,410	1,351,521
	MORGAN STANLEY	VAR RT 10/18/2028 DD 10/18/22	609,462	625,008
	MORGAN STANLEY	VAR RT 10/18/2033 DD 10/18/22	1,135,998	1,151,577
	MORGAN STANLEY	VAR RT 02/01/2029 DD 01/19/23	1,000,010	1,007,990
	MORGAN STANLEY	VAR RT 04/21/2034 DD 04/21/23	700,000	700,994
	MORGAN STANLEY	VAR RT 04/13/2028 DD 04/19/24	1,000,000	1,019,910
	MORGAN STANLEY	VAR RT 10/18/2030 DD 10/18/24	600,000	591,720
	MORGAN STANLEY BANK NA	VAR RT 01/14/2028 DD 01/18/24	1,000,000	1,008,190
	MSCI INC 144A	3.250% 08/15/2033 DD 08/17/21	798,000	854,020
	MUTUAL OF OMAHA COS GLOBA 144A	5.350% 04/09/2027 DD 04/09/24	999,950	1,012,650
	NATIONAL FUEL GAS CO	5.200% 07/15/2025 DD 06/25/15	99,686	99,842
	NATIONWIDE FINANCIAL SERV 144A	3.900% 11/30/2049 DD 11/21/19	398,032	304,996
	NATWEST GROUP PLC	VAR RT 05/08/2030 DD 05/08/19	900,000	873,666
	NATWEST GROUP PLC	VAR RT 12/31/2049 DD 06/29/20	2,100,000	2,095,800
	NATWEST GROUP PLC	VAR RT 01/27/2030 DD 09/27/18	1,100,000	1,096,832
	NAVIENT PRIVATE EDU BA A3 144A	VAR RT 07/16/2040 DD 08/13/15	503,916	507,922
	NESTLE HOLDINGS INC 144A	3.900% 09/24/2038 DD 09/24/18	692,517	621,194
	NEWMARK GROUP INC	7.500% 01/12/2029 DD 07/12/24	1,000,000	1,058,610
	NEXI SPA REGS	2.125% 04/30/2029	838,865	914,898
	NISSAN MOTOR CO LTD 144A	4.810% 09/17/2030 DD 09/17/20	3,900,000	3,599,427
	NOMURA HOLDINGS INC	5.605% 07/06/2029 DD 07/06/22	600,000	612,684
	NOMURA HOLDINGS INC	6.181% 01/18/2033 DD 01/11/23	500,000	525,995

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	OCCIDENTAL PETROLEUM CORP	8.875% 07/15/2030 DD 07/13/20	\$ 1,151,261	\$ 1,149,200
	OCI NV 144A	6.700% 03/16/2033 DD 03/16/23	499,170	499,450
	ONEOK INC	4.350% 03/15/2029 DD 03/13/19	498,435	487,330
	ONEOK INC	6.625% 09/01/2053 DD 08/24/23	298,521	323,250
	ONEOK INC	5.700% 11/01/2054 DD 09/24/24	1,595,504	1,544,192
	ONEOK PARTNERS LP	6.125% 02/01/2041 DD 01/26/11	1,924,536	1,719,414
	OOREDOO INTERNATIONAL FIN 144A	5.000% 10/19/2025 DD 10/19/10	935,000	999,850
	ORACLE CORP	3.900% 05/15/2035 DD 05/05/15	918,756	822,325
	ORACLE CORP	4.000% 07/15/2046 DD 07/07/16	299,946	236,298
	ORACLE CORP	2.500% 04/01/2025 DD 04/01/20	1,399,482	1,385,986
	ORACLE CORP	5.375% 09/27/2054 DD 09/27/24	997,190	952,620
	OWENS CORNING	3.500% 02/15/2030 DD 02/15/24	1,286,950	1,303,190
	PACIFIC GAS AND ELECTRIC CO	4.250% 03/15/2046 DD 11/05/15	315,957	238,662
	PACIFIC GAS AND ELECTRIC CO	3.300% 03/15/2027 DD 03/10/17	209,122	192,624
	PACIFIC GAS AND ELECTRIC CO	3.300% 12/01/2027 DD 11/29/17	104,719	95,356
	PACIFIC GAS AND ELECTRIC CO	3.950% 12/01/2047 DD 11/29/17	1,642,303	1,203,376
	PACIFIC GAS AND ELECTRIC CO	2.500% 02/01/2031 DD 06/19/20	798,410	686,368
	PACIFIC GAS AND ELECTRIC CO	4.550% 07/01/2030 DD 07/02/20	224,800	194,140
	PACIFIC GAS AND ELECTRIC CO	3.150% 01/01/2026 DD 07/02/20	1,258,974	1,173,660
	PACIFIC GAS AND ELECTRIC CO	4.500% 07/01/2040 DD 07/02/20	220,082	173,372
	PACIFIC GAS AND ELECTRIC CO	4.400% 03/01/2032 DD 02/18/22	996,930	948,770
	PACIFIC GAS AND ELECTRIC CO	6.750% 01/15/2053 DD 01/06/23	193,838	218,936
	PACIFIC GAS AND ELECTRIC CO	6.700% 04/01/2053 DD 03/30/23	109,482	110,025
	PACIFIC LIFECORP 144A	3.350% 09/15/2050 DD 09/15/20	496,160	347,175
	PACIFICORP	5.500% 05/15/2054 DD 05/17/23	90,575	96,357
	PACIFICORP	5.800% 01/15/2055 DD 01/05/24	993,990	1,001,280
	PENSKE TRUCK LEASING CO L 144A	4.450% 01/29/2026 DD 01/29/19	698,124	694,596
	PENSKE TRUCK LEASING CO L 144A	5.350% 01/12/2027 DD 01/12/24	1,298,583	1,311,466
	PERUSAHAAN PERSEROAN PERS 144A	4.375% 02/05/2050 DD 11/05/19	497,835	392,490
	PETROLEOS MEXICANOS	6.700% 02/16/2032 DD 12/16/21	1,039,899	933,327
	PETROLEOS MEXICANOS	6.950% 01/28/2060 DD 07/28/20	219,636	154,643
	PFIZER INC	4.100% 09/15/2038 DD 09/07/18	1,197,708	1,076,112
	PFP 2022-9 LTD 9 A 144A	VAR RT 08/19/2035 DD 09/30/22	1,298,307	1,309,539
	PHILIP MORRIS INTERNATIONAL IN	3.750% 01/15/2031	967,500	989,183
	PIEDMONT OPERATING PARTNERSHIP	6.875% 07/15/2029 DD 06/25/24	791,944	825,248
	PLAINS ALL AMERICAN PIPELINE L	4.300% 01/31/2043 DD 12/10/12	265,234	325,104
	PLAINS ALL AMERICAN PIPELINE L	4.900% 02/15/2045 DD 12/09/14	646,902	782,532
	PLAINS ALL AMERICAN PIPELINE L	4.500% 12/15/2026 DD 11/22/16	498,580	497,870
	QUALCOMM INC	4.800% 05/20/2045 DD 05/20/15	298,392	277,110
	READY CAPITAL MORT FL10 A 144A	VAR RT 10/25/2039 DD 10/19/22	988,121	1,002,072
	REGENERON PHARMACEUTICALS INC	1.750% 09/15/2030 DD 08/12/20	1,898,062	1,594,822
	RELX CAPITAL INC	3.000% 05/22/2030 DD 05/22/20	298,026	274,122
	RENEW PVT LTD 144A	5.875% 03/05/2027 DD 01/29/20	200,000	196,024

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	REVVITY INC	3.300% 09/15/2029 DD 09/12/19	\$ 398,680	\$ 369,924
	REYNOLDS AMERICAN INC	7.250% 06/15/2037 DD 06/21/07	1,789,258	1,932,495
	RGA GLOBAL FUNDING 144A	5.500% 01/11/2031 DD 01/11/24	995,990	1,020,230
	ROGERS COMMUNICATIONS INC	4.500% 03/15/2042 DD 03/15/23	494,985	432,010
	ROLLS-ROYCE PLC 144A	5.750% 10/15/2027 DD 10/21/20	700,000	714,301
	ROYAL BANK OF CANADA	4.875% 01/19/2027 DD 01/19/24	999,750	1,007,090
	ROYALTY PHARMA PLC	3.550% 09/02/2050 DD 03/02/21	1,620,202	1,180,055
	RTX CORP	4.125% 11/16/2028 DD 08/16/18	299,892	293,373
	S&P GLOBAL INC	4.250% 05/01/2029 DD 11/01/22	773,787	687,694
	SAMMONS FINANCIAL GROUP I 144A	3.350% 04/16/2031 DD 04/16/21	798,176	687,472
	SAN DIEGO GAS & ELECTRIC CO	3.700% 03/15/2052 DD 03/11/22	795,544	602,520
	SANDS CHINA LTD	VAR RT 08/08/2028 DD 08/09/18	598,350	596,616
	SANTANDER UK GROUP HOLDINGS PL	VAR RT 01/10/2029 DD 01/10/23	800,000	831,736
	SASOL FINANCING USA LLC	4.375% 09/18/2026 DD 03/18/21	500,000	481,655
	SEMPRA	6.000% 10/15/2039 DD 10/08/09	310,452	308,037
	SEMPRA	5.500% 08/01/2033 DD 06/23/23	697,900	714,420
	SHELL FINANCE US INC	4.375% 05/11/2045 DD 05/11/24	1,610,105	1,512,350
	SHRIRAM FINANCE LTD 144A	6.625% 04/22/2027 DD 01/22/24	999,610	1,010,390
	SIEMENS FINANCIERINGSMAAT 144A	4.400% 05/27/2045 DD 05/27/15	744,435	668,445
	SLM PRIVATE EDUCATIO C A5 144A	VAR RT 10/15/2041 DD 07/22/10	866,988	839,874
	SMITH & NEPHEW PLC	5.150% 03/20/2027 DD 03/20/24	699,251	703,906
	SMRT 2022-MINI MINI A 144A	VAR RT 01/15/2039 DD 02/08/22	759,750	794,312
	SOCIETE GENERALE SA 144A	VAR RT 01/10/2034 DD 01/10/23	1,500,000	1,582,380
	SOLVAY FINANCE AMERICA LL 144A	5.650% 06/04/2029 DD 06/04/24	899,802	920,304
	SOUTHERN CALIFORNIA EDISON CO	5.950% 02/01/2038 DD 01/22/08	124,895	105,007
	SOUTHERN CALIFORNIA EDISON CO	4.650% 10/01/2043 DD 10/02/13	460,286	359,816
	SOUTHERN CALIFORNIA EDISON CO	4.875% 03/01/2049 DD 03/15/19	117,300	91,896
	SOUTHERN CALIFORNIA EDISON CO	2.500% 06/01/2031 DD 06/14/21	498,165	434,515
	SOUTHERN CALIFORNIA EDISON CO	4.875% 02/01/2027 DD 01/11/24	999,800	1,007,710
	SOUTHERN CO/THE	3.700% 04/30/2030 DD 04/03/20	399,004	377,052
	SOUTHERN CO/THE	VAR RT 09/15/2051 DD 05/06/21	300,000	288,474
	SPECTRA ENERGY PARTNERS LP	3.500% 03/15/2025 DD 03/12/15	896,238	894,429
	STANDARD CHARTERED PLC 144A	VAR RT 11/16/2028 DD 11/16/22	1,300,000	1,395,199
	STRYKER CORP	2.900% 06/15/2050 DD 06/04/20	598,206	403,788
	STUDIO CITY FINANCE LTD 144A	5.000% 01/15/2029 DD 01/14/21	1,110,000	1,083,816
	SUMITOMO MITSUI FINANCIAL GROU	5.710% 01/13/2030 DD 01/13/23	1,300,000	1,343,953
	SUMITOMO MITSUI FINANCIAL GROU	5.424% 07/09/2031 DD 07/09/24	1,000,000	1,021,140
	SYNGENTA FINANCE NV 144A	4.892% 04/24/2025 DD 04/24/18	1,357,000	1,352,617
	TEACHERS INSURANCE & ANNU 144A	4.270% 05/15/2047 DD 05/08/17	1,096,480	908,919
	TELEFONICA EMISIONES SA	4.665% 03/06/2038 DD 03/06/18	1,300,000	1,175,590
	TENCENT HOLDINGS LTD 144A	3.240% 06/03/2050 DD 06/03/20	499,715	352,660
	TENNESSEE GAS PIPELINE CO LLC	8.375% 06/15/2032 DD 06/10/02	2,343,260	2,305,880
	TIME WARNER CABLE LLC	6.750% 06/15/2039 DD 06/29/09	1,914,026	1,606,556

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Corporate Bonds and Notes (Continued)</u>		
	T-MOBILE USA INC	3.875% 04/15/2030 DD 04/15/21	\$ 694,946	\$ 664,818
	T-MOBILE USA INC	2.250% 02/15/2026 DD 01/14/21	1,604,000	1,549,776
	T-MOBILE USA INC	3.375% 04/15/2029 DD 03/23/21	303,000	281,361
	T-MOBILE USA INC	2.400% 03/15/2029 DD 12/06/21	199,868	180,924
	T-MOBILE USA INC	4.850% 01/15/2029 DD 01/12/24	1,472,788	1,477,508
	TRANSURBAN FINANCE CO PTY 144A	2.450% 03/16/2031 DD 09/16/20	202,016	170,628
	TRUST FIBRA UNO 144A	4.869% 01/15/2030 DD 06/28/19	1,399,958	1,258,082
	UBS AG/LONDON	5.650% 09/11/2028 DD 09/11/23	720,867	721,658
	UBS GROUP AG 144A	VAR RT 06/05/2026 DD 06/05/20	1,236,755	1,276,548
	UBS GROUP AG 144A	VAR RT 01/12/2034 DD 01/12/23	1,500,000	1,562,595
	UBS GROUP AG 144A	VAR RT 02/08/2035 DD 01/08/24	1,299,896	1,331,928
	UNION PACIFIC CORP	4.100% 09/15/2067 DD 09/19/17	303,966	233,028
	UNION PACIFIC CORP	3.799% 04/06/2071 DD 04/06/21	717,570	504,924
	UNITED AIRLINES INC 144A	4.375% 04/15/2026 DD 04/21/21	500,000	490,840
	US BANCORP	VAR RT 02/01/2034 DD 02/01/23	958,380	967,850
	VALE OVERSEAS LTD	6.875% 11/10/2039 DD 11/10/09	189,408	190,622
	VALERO ENERGY CORP	6.625% 06/15/2037 DD 06/08/07	507,832	538,880
	VERIZON COMMUNICATIONS INC	3.400% 03/22/2041 DD 03/22/21	1,599,072	1,238,272
	VICI PROPERTIES LP	4.950% 02/15/2030 DD 04/29/22	598,626	589,092
	VICI PROPERTIES LP / VICI 144A	3.875% 02/15/2029 DD 02/15/22	549,282	564,522
	VODAFONE GROUP PLC	4.875% 06/19/2049 DD 06/19/19	491,255	441,670
	VODAFONE GROUP PLC	4.250% 09/17/2050 DD 09/17/19	996,240	794,570
	WARNERMEDIA HOLDINGS INC	5.141% 03/15/2052 DD 03/15/23	1,200,000	904,332
	WELLS FARGO & CO	4.400% 06/14/2046 DD 06/14/16	998,840	831,130
	WELLS FARGO & CO	VAR RT 05/22/2028 DD 05/22/17	1,141,428	1,163,292
	WELLS FARGO & CO	VAR RT 02/11/2031 DD 02/11/20	300,000	266,136
	WELLS FARGO & CO	VAR RT 06/02/2028 DD 06/02/20	912,200	940,460
	WELLS FARGO & CO	VAR RT 10/23/2034 DD 10/23/23	1,200,000	1,297,860
	WELLS FARGO BANK NA	VAR RT 01/15/2026 DD 01/23/24	1,000,000	1,004,240
	WEYERHAEUSER CO	7.375% 03/15/2032 DD 09/15/02	262,847	288,039
	WEYERHAEUSER CO	4.000% 11/15/2029 DD 02/25/19	298,386	287,928
	WEYERHAEUSER CO	4.000% 04/15/2030 DD 03/30/20	492,350	478,845
	WILLIS NORTH AMERICA INC	2.950% 09/15/2029 DD 09/10/19	615,996	547,536
	WOODSIDE FINANCE LTD	5.100% 09/12/2034 DD 09/12/24	299,232	290,610
	WOODSIDE FINANCE LTD	5.700% 09/12/2054 DD 09/12/24	398,576	387,944
	WOODSIDE FINANCE LTD 144A	4.500% 03/04/2029 DD 03/04/19	998,170	974,610
	WORLDLINE SA/FRANCE REGS	4.125% 09/12/2028	207,809	206,257
	WYNN MACAU LTD 144A	5.625% 08/26/2028 DD 08/26/20	1,793,250	1,727,064
	ZOETIS INC	2.000% 05/15/2030 DD 05/12/20	163,444	172,592
	ZOETIS INC	5.600% 11/16/2032 DD 11/16/22	798,728	831,760
		Total Corporate Bonds and Notes	337,721,899	321,143,641

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>U.S. Government Agency Securities</u>		
	COMMIT TO PUR FNMA SF MTG	2.000% 12/01/2054 DD 12/01/24	\$ (7,150,000)	\$ (6,987,552)
	COMMIT TO PUR FNMA SF MTG	3.000% 11/01/2054 DD 11/01/24	5,299,453	5,167,800
	COMMIT TO PUR FNMA SF MTG	3.500% 12/01/2054 DD 12/01/24	3,523,051	3,445,788
	COMMIT TO PUR FNMA SF MTG	4.000% 12/01/2054 DD 12/01/24	7,275,406	7,307,105
	COMMIT TO PUR FNMA SF MTG	4.500% 12/01/2054 DD 12/01/24	21,227,977	20,900,659
	COMMIT TO PUR FNMA SF MTG	5.000% 12/01/2054 DD 12/01/24	5,431,250	5,341,985
	COMMIT TO PUR FNMA SF MTG	5.500% 12/01/2054 DD 12/01/24	39,133,002	38,672,527
	COMMIT TO PUR GNMA II JUMBOS	2.000% 12/20/2054 DD 12/01/24	491,883	490,092
	COMMIT TO PUR GNMA II JUMBOS	2.500% 12/20/2054 DD 12/01/24	2,743,500	2,713,920
	COMMITMENT TO PURCHASE FNMA SI	CALL DEC 24 098.969 ED 120524	(875)	(345)
	COMMITMENT TO PURCHASE FNMA SI	PUT DEC 24 094.969 ED 120524	(1,141)	(311)
	EURO-BOBL FUTURE (EUX)	EXP DEC 24	-	1,976
	EURO-BUND FUTURE (EUX) DEC 24	CALL DEC 24 135.000 ED 112224	-	(347)
	EURO-BUND FUTURE DEC 21	PUT DEC 24 131.500 ED 11/22/24	-	(1,911)
	EURO-BUND FUTURE DEC 24	PUT DEC 24 132.000 ED 11/22/24	-	(2,432)
	EURO-BUND FUTURE DEC 24	CALL DEC 24 134.500 ED 112224	-	(478)
	FHLMC POOL #1B-0349	VAR RT 07/01/2032 DD 07/01/02	706	703
	FHLMC POOL #SD-8367	5.500% 10/01/2053 DD 09/01/23	190,527	188,709
	FHLMC POOL #ZS-4785	4.000% 08/01/2048 DD 09/01/18	104,094	94,652
	FHLMC MULTICLASS MTG 2324 PZ	6.500% 06/15/2031 DD 06/01/01	30,927	34,488
	FHLMC MULTICLASS MTG 2395 FT	VAR RT 12/15/2031 DD 12/15/01	2,640	2,625
	FHLMC MULTICLASS MTG 4935 KP	2.500% 12/25/2049 DD 11/01/19	2,529,916	2,158,630
	FHLMC MULTICLASS MTG 4948 E	2.500% 10/25/2048 DD 01/01/20	80,536	71,343
	FNMA POOL #0935316	6.000% 07/01/2039 DD 07/01/09	48,561	45,147
	FNMA POOL #0BM2003	4.000% 10/01/2047 DD 11/01/17	12,806	11,555
	FNMA POOL #0CA3674	4.000% 06/01/2049 DD 05/01/19	12,705	11,426
	FNMA POOL #0DA5382	5.000% 11/01/2053 DD 12/01/23	95,483	95,410
	FNMA POOL #0FM1107	4.000% 06/01/2049 DD 06/01/19	17,424	15,659
	FNMA GTD REMIC P/T 06-5 3A2	VAR RT 05/25/2035 DD 01/01/06	23,089	24,009
	FNMA GTD REMIC P/T 17-M8 A2	VAR RT 05/25/2027 DD 07/01/17	148,797	146,689
	GNMA POOL #0777247	2.500% 02/15/2043 DD 02/01/13	14,985	13,123
	GNMA POOL #0AA2431	2.500% 03/15/2043 DD 03/01/13	316,421	277,096
	GNMA POOL #0AD8777	2.500% 03/15/2043 DD 03/01/13	7,798	6,829
	GNMA II POOL #0MA5264	4.000% 06/20/2048 DD 06/01/18	151,371	137,539
	U S TREASURY BD PRIN STRIP	0.000% 11/15/2043 DD 11/15/13	2,400,130	3,261,532
	U S TREASURY BD PRIN STRIP	0.000% 02/15/2044 DD 02/18/14	5,667,961	6,698,052
	U S TREASURY BD PRIN STRIP	0.000% 08/15/2044 DD 08/15/14	691,744	644,240
	U S TREASURY BD PRIN STRIP	0.000% 11/15/2044 DD 11/17/14	987,818	855,657
	U S TREASURY BD PRIN STRIP	0.000% 02/15/2045 DD 02/17/15	1,877,330	1,690,330
	U S TREASURY BD PRIN STRIP	0.000% 05/15/2045 DD 05/15/15	956,790	876,443
	U S TREASURY BD PRIN STRIP	0.000% 05/15/2046 DD 05/16/16	1,639,280	1,486,080
	U S TREASURY BD PRIN STRIP	0.000% 08/15/2048 DD 08/15/18	1,574,789	1,446,993
	U S TREASURY BOND	2.500% 02/15/2046 DD 02/15/16	59,228	45,590

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>U.S. Government Agency Securities (Continued)</u>		
	U S TREASURY BOND	2.875% 11/15/2046 DD 11/15/16	\$ 2,677,675	\$ 2,073,368
	U S TREASURY BOND	3.000% 02/15/2047 DD 02/15/17	1,985,501	1,461,913
	U S TREASURY BOND	3.000% 02/15/2048 DD 02/15/18	35,412	26,880
	U S TREASURY BOND	3.125% 05/15/2048 DD 05/15/18	247,769	235,443
	U S TREASURY BOND	3.375% 11/15/2048 DD 11/15/18	1,035,360	982,308
	U S TREASURY BOND	3.000% 02/15/2049 DD 02/15/19	1,207,506	1,145,385
	U S TREASURY BOND	2.875% 05/15/2049 DD 05/15/19	156,955	149,008
	U S TREASURY BOND	2.250% 08/15/2049 DD 08/15/19	1,520,049	1,435,148
	U S TREASURY BOND	2.375% 11/15/2049 DD 11/15/19	416,724	401,976
	U S TREASURY BOND	1.125% 08/15/2040 DD 08/15/20	11,688,308	11,257,670
	U S TREASURY BOND	1.375% 11/15/2040 DD 11/15/20	20,900,646	20,151,400
	U S TREASURY BOND	1.875% 02/15/2041 DD 02/15/21	18,951,569	17,906,748
	U S TREASURY BOND	1.750% 08/15/2041 DD 08/15/21	4,122,683	2,884,698
	U S TREASURY BOND	1.875% 11/15/2051 DD 11/15/21	162,469	108,963
	U S TREASURY BOND	2.875% 05/15/2052 DD 05/15/22	13,862,244	13,605,879
	U S TREASURY BOND	3.250% 05/15/2042 DD 05/15/22	4,304,107	3,619,568
	U S TREASURY BOND	3.625% 02/15/2053 DD 02/15/23	1,377,140	1,417,317
	U S TREASURY BOND	3.625% 05/15/2053 DD 05/15/23	9,692,904	9,112,290
	U S TREASURY BOND	3.875% 05/15/2043 DD 05/15/23	3,185,628	3,100,766
	U S TREASURY BOND	4.375% 08/15/2043 DD 08/15/23	2,555,261	2,536,014
	U S TREASURY BOND	4.625% 05/15/2044 DD 05/15/24	932,690	904,644
	U S TREASURY BOND	4.250% 08/15/2054 DD 08/15/24	6,154,947	6,164,032
	US 10YR TREAS NTS FUTURE (CBT)	EXP DEC 24	-	(1,661,484)
	US 10YR ULTRA FUTURE (CBT)	EXP DEC 24	-	(576,884)
	US 5YR TREAS NTS FUTURE (CBT)	EXP DEC 24	-	1,051,921
	US TREAS-CPI INFLAT	0.625% 02/15/2043 DD 02/15/13	221,961	211,411
	US TREAS-CPI INFLAT	0.750% 02/15/2045 DD 02/15/15	654,853	614,520
	US TREAS-CPI INFLAT	0.875% 02/15/2047 DD 02/15/17	105,178	100,215
	US TREAS-CPI INFLAT	1.000% 02/15/2049 DD 02/15/19	110,523	97,147
	US TREAS-CPI INFLAT	0.250% 02/15/2050 DD 02/15/20	1,142,185	997,372
	US TREAS-CPI INFLAT	0.125% 02/15/2051 DD 02/15/21	3,799,054	3,733,819
	US TREAS-CPI INFLAT	0.125% 02/15/2052 DD 02/15/22	2,414,165	2,323,229
	US TREAS-CPI INFLAT	1.500% 02/15/2053 DD 02/15/23	467,369	455,329
	US TREAS-CPI INFLAT	2.125% 02/15/2054 DD 02/15/24	2,173,681	2,135,963
	US TREAS-CPI INFLAT	0.125% 07/15/2031 DD 07/15/21	1,471,510	1,469,992
	US TREAS-CPI INFLAT	0.125% 01/15/2032 DD 01/15/22	810,204	801,272
	US TREAS-CPI INFLAT	0.625% 07/15/2032 DD 07/15/22	100,452	98,731
	US TREAS-CPI INFLAT	1.750% 01/15/2034 DD 01/15/24	204,620	200,964
	US TREAS-CPI INFLAT	1.875% 07/15/2034 DD 07/15/24	304,819	298,910
		Total U. S. Government Agency Securities	218,771,484	210,422,870

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Other Fixed Income</u>		
	ABU DHABI GOVERNMENT INTE 144A	3.125% 04/16/2030 DD 04/16/20	\$ 597,600	\$ 559,242
	AMERICAN MUNI PWR-OHIO INC OH	6.449% 02/15/2044 DD 12/09/09	2,009,880	2,168,220
	CASH COLLATERAL HELD AT MERRIL	0.000% 01/01/2049 DD 07/01/08	3,112,000	3,112,000
	CASH COLLATERAL HELD AT MERRIL	VAR RT 01/01/2049 DD 07/01/08	3,513,000	3,513,000
	CASSA DEPOSITI E PRESTITI 144A	5.875% 04/30/2029 DD 04/30/24	892,449	922,086
	CCP IRS P EUR	CALL NOV 24 002.140 ED 110124	(794)	-
	CCP IRS P EUR	PUT NOV 24 002.410 ED 110124	(794)	(714)
	CCP IRS P EUR	CALL NOV 24 002.210 ED 110424	(840)	(12)
	CCP IRS P EUR	PUT NOV 24 002.490 ED 110424	(840)	(348)
	CCP IRS P EUR006M	CALL NOV 24 002.260 ED 111524	(607)	(358)
	CCP IRS P EUR006M	PUT NOV 24 002.560 ED 111524	(607)	(422)
	CCP IRS P EUR006M	CALL NOV 24 002.220 ED 111824	(885)	(481)
	CCP IRS P EUR006M	PUT NOV 24 002.520 ED 111824	(885)	(1,082)
	CCP OIS R SOFR	CALL NOV 24 003.366 ED 111224	(1,587)	(172)
	CCP OIS R SOFR	CALL NOV 24 003.360 ED 111224	(1,560)	(162)
	CCP OIS R SOFR	CALL NOV 24 003.355 ED 110824	(747)	(24)
	CCP OIS R SOFR	CALL NOV 24 003.355 ED 111524	(898)	(133)
	CCP OIS R SOFR	PUT NOV 24 003.866 ED 111224	(1,587)	(1,905)
	CCP OIS R SOFR	PUT NOV 24 003.860 ED 111224	(1,560)	(1,973)
	CCP OIS R SOFR	PUT NOV 24 003.855 ED 110824	(747)	(738)
	CCP OIS R SOFR	PUT NOV 24 003.855 ED 111524	(898)	(1,190)
	CCP OIS R SOFR	CALL NOV 24 003.365 ED 111824	(1,655)	(418)
	CCP OIS R SOFR	CALL NOV 24 003.460 ED 112224	(1,855)	(1,058)
	CCP OIS R SOFR	CALL NOV 24 003.460 ED 112224	(1,855)	(1,058)
	CCP OIS R SOFR	CALL NOV 24 003.293 ED 111524	(1,780)	(156)
	CCP OIS R SOFR	CALL NOV 24 003.513 ED 112524	(2,005)	(1,622)
	CCP OIS R SOFR	CALL NOV 24 003.470 ED 112524	(1,354)	(989)
	CCP OIS R SOFR	CALL NOV 24 003.542 ED 112924	(1,905)	(2,183)
	CCP OIS R SOFR	PUT NOV 24 003.865 ED 111824	(1,655)	(2,590)
	CCP OIS R SOFR	PUT NOV 24 003.960 ED 112224	(1,855)	(1,978)
	CCP OIS R SOFR	PUT NOV 24 003.960 ED 112224	(1,855)	(1,978)
	CCP OIS R SOFR	PUT NOV 24 003.793 ED 111524	(1,780)	(3,218)
	CCP OIS R SOFR	PUT NOV 24 004.013 ED 112524	(2,005)	(1,783)
	CCP OIS R SOFR	PUT NOV 24 003.970 ED 112524	(1,354)	(1,603)
	CCP OIS R SOFR	PUT NOV 24 004.042 ED 112924	(1,905)	(1,846)
	CCP OIS R SOFR	PUT MAY 25 004.329 ED 052925	47,788	23,482
	CCP OIS R USD	CALL NOV 24 003.035 ED 110124	(1,800)	-
	CCP OIS R USD	CALL NOV 24 003.115 ED 110424	(2,485)	-
	CCP OIS R USD	CALL NOV 24 003.135 ED 110424	(3,060)	-
	CCP OIS R USD	PUT NOV 24 003.515 ED 110424	(2,485)	(14,864)
	CCP OIS R USD	PUT NOV 24 003.535 ED 110424	(3,060)	(17,681)
	CCP OIS R USD	PUT NOV 24 003.435 ED 110124	(1,800)	(13,870)
	CCP_IRS. P EUR-EURIBOR-REUTERS	REC -0.18% 2033 MAR 17	-	(308,191)

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Other Fixed Income (Continued)</u>		
	CCP_IRS. P EUR-EURIBOR-REUTERS	REC 2.5% 2035 MAR 19	\$ 27,280	\$ 23,986
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 1.72% 2028 JUN 26	0	(788,332)
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 1.83% 2028 JUL 03	0	(2,022,345)
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 4.75% 2024 DEC 20	0	(8,152)
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 1.8% 2028 JUN 30	0	(3,005,189)
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 3.5% 2026 JUN 18	0	(65,583)
	CCP_IRS. P USD-SOFR-COMPOUND C	REC 3.47% 2034 NOV 01	0	(10,366)
	CCP_IRS. R EUR-EURIBOR-REUTERS	PAY 0.0% 2053 MAR 17	0	1,687,511
	CCP_IRS. R EUR-EURIBOR-REUTERS	PAY 3.18% 2028 NOV 29	-	(3,283)
	CCP_IRS. R EUR-EURIBOR-REUTERS	PAY 2.25% 2055 MAR 19	4,800	(29,839)
	CCP_IRS. R EUR-EURIBOR-REUTERS	PAY 2.3% 2029 SEP 25	0	2,663
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 1.75% 2027 JUN 15	483,364	285,956
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.0% 2025 DEC 18	737,941	355,927
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.05% 2052 DEC 14	-	13,024
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 0.5% 2026 JUN 16	268,711	829,578
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 1.25% 2026 DEC 15	0	226,380
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 1.95% 2053 JUN 26	0	2,101,000
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 1.93% 2053 JUN 26	0	2,004,475
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 2.0% 2053 JUL 03	0	2,073,012
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 2.0% 2024 DEC 21	623,061	41,213
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 1.98% 2053 JUN 30	0	2,635,025
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 4.14% 2025 DEC 31	0	(1,312)
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.61% 2033 AUG 15	-	14,461
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.74% 2030 OCT 31	0	13,155
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.76% 2033 AUG 15	0	4,251
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.75% 2033 AUG 15	0	12,529
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.72% 2033 AUG 15	0	3,935
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 4.0% 2026 JUN 20	830,556	17,306
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.5% 2054 JUN 20	19,712	40,433
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.75% 2026 DEC 18	10,347	5,885
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 4.06% 2034 JUL 02	0	(8,951)
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.75% 2034 DEC 18	0	9,183
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.72% 2034 AUG 07	0	2,192
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.65% 2034 AUG 07	0	4,465
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.85% 2034 AUG 05	0	(2,190)
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.8% 2034 AUG 06	0	(405)
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.68% 2034 AUG 13	0	3,370
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.59% 2034 AUG 19	0	9,614
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.61% 2034 AUG 22	0	5,528
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.61% 2034 AUG 28	0	5,602
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.6% 2034 AUG 28	-	2,248

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Other Fixed Income (Continued)</u>		
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.4% 2053 NOV 15	\$ 0	\$ 163,366
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.64% 2034 AUG 28	0	4,558
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.56% 2034 AUG 28	0	11,145
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.6% 2034 AUG 28	0	5,961
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.53% 2034 SEP 04	0	14,750
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.51% 2034 SEP 04	0	15,379
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.3% 2053 DEC 02	828	113,077
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.2% 2053 DEC 05	0	8,027
	CCP_IRS. R USD-SOFR-COMPOUND C	PAY 3.28% 2034 SEP 16	0	20,618
	CCP_IRS._P USD-SOFR-COMPOUND C	REC 4.75% 2024 DEC 20	(158,980)	-
	CCP_IRS._P USD-SOFR-COMPOUND C	REC 3.5% 2026 JUN 18	(74,322)	-
	CCP_IRS._R EUR-EURIBOR-REUTERS	PAY 2.25% 2055 MAR 19	(5,177)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 1.25% 2026 DEC 15	(30,808)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 3.5% 2054 JUN 20	(1,313)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 3.75% 2034 DEC 18	(185,846)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 3.4% 2053 NOV 15	(46,199)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 3.3% 2053 DEC 02	(15,463)	-
	CCP_IRS._R USD-SOFR-COMPOUND C	PAY 3.2% 2053 DEC 05	(1,503)	-
	CDS. SP UL FEDERATIVE REPUBLIC	R 100BPS 2027 JUN 20	0	2,527
	CDS. SP UL STATE OF ISRAEL	R 100BPS 2029 JUN 20	0	(2,535)
	CDS._SP UL FEDERATIVE REPUBLIC	R 100BPS 2027 JUN 20	(43,405)	-
	CDS._SP UL STATE OF ISRAEL	R 100BPS 2029 JUN 20	(2,260)	-
	CME CASH COLLATERAL HELD AT ML	0.000% 01/01/2049 DD 07/01/08	794,000	794,000
	CXT. SP UL CDX.NA.HY.37	R 500BPS 2026 DEC 20	523,486	690,867
	CXT. SP UL CDX.NA.HY.37	R 500BPS 2026 DEC 20	147,276	252,994
	CXT. SP UL CDX.NA.HY.37	R 500BPS 2026 DEC 20	78,962	107,036
	DOM MFA CASH COLL UBS	VAR RT 01/01/2049 DD 07/01/08	2,460,000	2,460,000
	FUTURES CASH COLLATERAL HELD	AT RBC	1,122,000	1,122,000
	ISRAEL GOVERNMENT INTERNATIONAL	5.375% 03/12/2029 DD 03/12/24	795,752	801,096
	LOUISIANA ST LOCAL GOVT ENVRNM	5.048% 12/01/2034 DD 03/29/23	800,000	808,312
	MEXICO GOVERNMENT INTERNATIONAL	6.350% 02/09/2035 DD 01/09/23	896,688	903,222
	NEW YORK ST URBAN DEV CORP REV	5.770% 03/15/2039 DD 12/01/09	360,000	369,871
	ROMANIAN GOVERNMENT INTER 144A	1.750% 07/13/2030	1,061,424	834,225
	ROMANIAN GOVERNMENT INTER 144A	5.625% 05/30/2037	108,003	105,710
	ROYAL BANK OF CA CASH COLL	VAR RT 01/01/2049 DD 07/01/08	(310,000)	(310,000)
	SAUDI GOVERNMENT INTERNAT 144A	4.625% 10/04/2047 DD 10/04/17	496,950	425,565
	SAUDI GOVERNMENT INTERNAT 144A	5.000% 04/17/2049 DD 04/17/18	880,434	807,741
	SAUDI GOVERNMENT INTERNAT 144A	3.450% 02/02/2061 DD 02/02/21	1,300,000	832,208
	SAUDI GOVERNMENT INTERNAT REGS	4.500% 10/26/2046	227,500	168,236
	SOCIETE GENERALE SA 144A	VAR RT 12/31/2049 DD 11/18/20	800,000	677,896
	STATE OF ISRAEL REGS	3.800% 05/13/2060	626,750	529,866
	SWAP/ISDA GOLDMAN INTL (GST)	CASH COLLAT VAR RT 01/01/2049	(280,000)	(280,000)
	SWAP/ISDA MORGAN STANLEY (MYC)	VAR RT 01/01/2049 DD 07/01/08	(900,000)	(900,000)

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Fixed Income Securities (Continued):</u>		
		<u>Other Fixed Income (Continued)</u>		
	PIMCO, CASH	Unsettled Transaction	\$ -	\$ 8,719
	PIMCO, CASH AT BROKER	Unsettled Transaction	-	1,203,961
	PIMCO, VARIATION MARGIN ON SWAPS	Unsettled Transaction	-	(8,688,076)
	TBA CASH COLL BCY	VAR RT 01/01/2049 DD 07/01/08	750,000	750,000
	TBA CASH COLL BOA	VAR RT 01/01/2049 DD 07/01/08	730,000	730,000
	TBA CASH COLL JP MORGAN	VAR RT 01/01/2049 DD 07/01/08	(298,000)	(298,000)
	TBA CASH COLL MSC	VAR RT 01/01/2049 DD 07/01/08	307,000	307,000
	TBA CASH COLL SAL	VAR RT 01/01/2049 DD 07/01/08	(44,000)	(44,000)
	UNIV OF CALIFORNIA CA RGTS MED	6.583% 05/15/2049 DD 12/17/09	2,000,000	2,217,000
	UNIV OF CALIFORNIA REVENUES	4.858% 05/15/2112 DD 03/01/12	2,000,000	1,794,160
	WELLS FARGO CASH COLLATERAL	VAR RT 01/01/2049 DD 07/01/08	70,000	70,000
	WELLS FARGO CCP COLLATERAL	VAR RT 01/01/2049 DD 07/01/08	270,000	270,000
	EUR (EURO)		89,951	89,912
	ARS (ARGENTINE PESO)		20	1
	EUR (Currency at Broker)		57,772	57,373
	BNY MELLON CASH RESERVE	0.100% 12/31/2049 DD 06/26/97	17,124	17,124
		Total Other Fixed Income	30,480,659	26,442,082
		<u>Credit Default Swaps</u>		
	CCP_CDS. SP UL CELLNEX TELECOM	REC 500BPS 2031 JUN 20	149,083	152,753
	CCP_CDS. SP UL FORD MOTOR COMP	REC 500BPS 2028 DEC 20	76,418	96,094
	CCP_CDS. SP UL GE CME	1.000% 00BPS 2026 JUN 20	10,322	14,429
	CCP_CDS. SP UL GENERAL ELECTRI	1.000% 00BPS 2026 DEC 20	1,164	1,829
	CCP_CDS. SP UL METLIFE INC. C	REC 100BPS 2028 JUN 20	0	13,922
	CCP_CDS. SP UL ROLLS-ROYCE PLC	REC 100BPS 2026 JUN 20	0	3,976
	CCP_CDS. SP UL THE BOEING COMP	REC 100BPS 2029 DEC 20	0	(11,800)
	CCP_CDS. SP UL THE GOLDMAN SAC	1.000% 00BPS 2026 DEC 20	7,818	9,311
	CCP_CDS. SP UL VERIZON COMMUNI	1.000% 00BPS 2028 JUN 20	0	10,577
	CCP_CDS. SP UL VERIZON COMMUNI	1.000% 00BPS 2028 DEC 20	0	1,851
	CCP_CDS. SP UL VERIZON COMMUNI	1.000% 00BPS 2024 DEC 20	2,720	999
	CCP_CDS. SP UL METLIFE INC. C	REC 100BPS 2028 JUN 20	(18,174)	-
	CCP_CDS. SP UL ROLLS-ROYCE PLC	REC 100BPS 2025 JUN 20	0	4,060
	CCP_CDS. SP UL ROLLS-ROYCE PLC	REC 100BPS 2025 JUN 20	(141,175)	-
	CCP_CDS. SP UL ROLLS-ROYCE PLC	REC 100BPS 2026 JUN 20	(29,609)	-
	CCP_CDS. SP UL THE BOEING COMP	REC 100BPS 2029 DEC 20	(18,767)	-
	CCP_CDS. SP UL VERIZON COMMUNI	REC 100BPS 2028 DEC 20	(249)	-
	CCP_CDX. SP UL CDX.NA.HY.43_V1	REC 500BPS 2029 DEC 20	123,894	117,110
	CCP_CDX. SP UL CDX.NA.IG.40 CM	1.000% 00BPS 2028 JUN 20	3,663	8,583
	CCP_CDX. SP UL CDX.NA.IG.41 CM	REC 100BPS 2028 DEC 20	2,526	4,384
	CCP_CDX. SP UL CDX.NA.IG.43 CM	REC 100BPS 2029 DEC 20	1,293,325	1,228,598
		Total Credit Default Swaps	1,462,958	1,656,676
		Total Fixed Income Securities	588,437,000	559,665,269

AMERICAN CHEMICAL SOCIETY RETIREMENT PLAN
E.I.N. 53-0196572 PLAN NO. 001
SCHEDULE H, LINE 4i—SCHEDULE OF ASSETS (HELD AT END OF YEAR) (CONTINUED)
OCTOBER 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
		<u>Collective Trust Funds:</u>		
		<u>Cash</u>		
	EB TEMP INV FD	1.147% 12/31/2049 DD 11/01/01	\$ 4,998,888	\$ 4,998,888
	EB TEMP INV FD	1.147% 12/31/2049 DD 11/01/01	1,155,712	1,155,712
	SIGMA ERISA LIQUIDATING POOL	VAR RT 12/31/2049 DD 05/01/01	98,379	-
		Total Cash	6,252,979	6,154,600
		<u>Equity, Including Convertible Securities</u>		
	BZW BARCLAYS RUSSELL 3000	INDEX FUND	15,573,779	27,327,902
	EAFE	EQUITY INDEX FUND	10,672,694	10,564,674
		Total Equity, Including Convertible Securities	26,246,473	37,892,576
		Total Collective Trust Funds	32,499,451	44,047,176
		<u>Registered Investment Company Funds:</u>		
		<u>Fixed Income</u>		
	PAPS LONG DURATION CREDIT BOND	PORTFOLIO	63,985,183	51,607,414
	PIMCO FDS	SHORT-TERM FLTG NAV PORT II	2,717,835	2,717,835
		Total Registered Investment Company Funds	66,703,018	54,325,249
		Total Investments	<u>\$ 687,639,469</u>	<u>\$ 658,037,694</u>

2023 Form 5500 Schedule SB Attachments
Schedule SB, Line 32 – Schedule of Amortization Bases
American Chemical Society Retirement Plan
EIN 53-0196572 / PN 001

Schedule of Shortfall Amortization Bases

<u>Valuation Date</u>	<u>Years Remaining</u>	Present Value of Any Remaining <u>Installments</u>	Amortization <u>Installment</u>
November 1, 2023	15	\$ 39,422,386	\$ 3,838,834
November 1, 2022	14	\$ 13,427,419	\$ 1,364,301
		\$ 52,849,805	\$ 5,203,135

Attachment to 2023 Form 5500
Schedule SB, Line 24 – Change in Actuarial Assumptions
American Chemical Society Retirement Plan
EIN 53-0196572 / PN 001

Change in Actuarial Assumptions

COLA Increases: 2.25% long-term rate; the 3.40% COLA effective April 1, 2024 is assumed for a one-year select period (previously 5.00%).

Cash Balance Interest Crediting Rate: 3.50% (unchanged). The known Interest Crediting Rate of 4.47% is reflected for a one-year select period.

Administrative Expenses: The administrative expense load to the target normal cost increased from \$225,000 to \$2,118,000 to better reflect expectations for the current plan year.