

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
--	---	---

Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B	This return/report is: ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information		
1a	Name of plan BIGELOW LABORATORY FOR OCEAN SCIENCES RETIREMENT PLAN	1b	Three-digit plan number (PN) ▶ 001
		1c	Effective date of plan 01/01/1975
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) BIGELOW LABORATORY FOR OCEAN SCIENCES P.O. BOX 380 60 BIGELOW DRIVE EAST BOOTHBAY, ME 04544	2b	Employer Identification Number (EIN) 01-6006001
		2c	Plan Sponsor's telephone number 207-315-2567
		2d	Business code (see instructions) 541700

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.	07/24/2023	MARGARET MCDIARMID
	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		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 244
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 90
a(2) Total number of active participants at the end of the plan year		6a(2) 95
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits.....		6c 132
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 227
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 3
f Total. Add lines 6d and 6e		6f 230
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 229
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2F 2G 2M 2T 2L		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ 1 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

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

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

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

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

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

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance 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. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
--	--	--

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan BIGELOW LABORATORY FOR OCEAN SCIENCES RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 BIGELOW LABORATORY FOR OCEAN SCIENCES	D Employer Identification Number (EIN) 01-6006001	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
--------	---	--

1 Coverage Information:

(a) Name of insurance carrier TIAA-CREF
--

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-1624203	69345	500744	122	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.
--

(a) Total amount of commissions paid	(b) Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end.....	4	5285662
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	5710680

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount..... Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ☐**7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☒ guaranteed investment (4) ☐ other ▶

b	Balance at the end of the previous year	7b	5370749
----------	---	-----------	---------

c	Additions: (1) Contributions deposited during the year	7c(1)	16962	
	(2) Dividends and credits	7c(2)		
	(3) Interest credited during the year	7c(3)	216105	
	(4) Transferred from separate account	7c(4)	156097	
	(5) Other (specify below)	7c(5)	135	
	▶ PARTICIPANT LOAN INTEREST, PARTICIPANT LOAN PRINCIPAL REPAYMENT			

(6) Total additions	7c(6)	389299
---------------------------	--------------	--------

d	Total of balance and additions (add lines 7b and 7c(6))	7d	5760048
----------	--	-----------	---------

e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	230420	
(2) Administration charge made by carrier	7e(2)		
(3) Transferred to separate account	7e(3)	209254	
(4) Other (specify below)	7e(4)	34712	
▶ PLAN FEES, PLAN SERVICING CREDIT			

(5) Total deductions	7e(5)	474386
----------------------------	--------------	--------

f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	5285662
----------	--	-----------	---------

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
b ☐ Dental
c ☐ Vision
d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
f ☐ Long-term disability
g ☐ Supplemental unemployment
h ☐ Prescription drug
i ☐ Stop loss (large deductible)
j ☐ HMO contract
k ☐ PPO contract
l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	0
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount. Specify nature of costs.	10b	

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

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
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan BIGELOW LABORATORY FOR OCEAN SCIENCES RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 BIGELOW LABORATORY FOR OCEAN SCIENCES	D Employer Identification Number (EIN) 01-6006001	

Part I	Service Provider Information (see instructions)
--------	---

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

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

TIAA

13-1624203

(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)

TIAA

730 THIRD AVENUE
NEW YORK, NY 10017-3206

13-1624203

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 21 23 28	RECORDKEEPER	22152	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

PURDY POWERS & COMPANY

130 MIDDLE STREET
PORTLAND, ME 04101-7104

01-0463013

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	AUDITOR	13500	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

BAKER TILLY US, LLP

PO BOX 7398
MADISON, WI 53707

46-2648231

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	AUDITOR	12195	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 2022 This Form is Open to Public Inspection.
---	---	---

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan BIGELOW LABORATORY FOR OCEAN SCIENCES RETIREMENT PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 BIGELOW LABORATORY FOR OCEAN SCIENCES	D Employer Identification Number (EIN) 01-6006001	

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: TIAA REAL ESTATE		
b Name of sponsor of entity listed in (a): TIAA-CREF		
c EIN-PN 13-1624203-004	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1010463
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

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

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

SCHEDULE H (Form 5500) 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 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>BIGELOW LABORATORY FOR OCEAN SCIENCES RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>BIGELOW LABORATORY FOR OCEAN SCIENCES</u>	D Employer Identification Number (EIN) <u>01-6006001</u>	

Part I	Asset and Liability Statement		
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....		1a	
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....		1b(1)	
(2) Participant contributions.....		1b(2)	
(3) Other.....		1b(3)	
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....		1c(1)	
(2) U.S. Government securities		1c(2)	
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred		1c(3)(A)	
(B) All other		1c(3)(B)	
(4) Corporate stocks (other than employer securities):			
(A) Preferred		1c(4)(A)	
(B) Common.....		1c(4)(B)	
(5) Partnership/joint venture interests		1c(5)	
(6) Real estate (other than employer real property)		1c(6)	
(7) Loans (other than to participants).....		1c(7)	
(8) Participant loans.....		1c(8)	27614
(9) Value of interest in common/collective trusts.....		1c(9)	20781
(10) Value of interest in pooled separate accounts		1c(10)	369865
(11) Value of interest in master trust investment accounts.....		1c(11)	1010463
(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)	20619328
(14) Value of funds held in insurance company general account (unallocated contracts).....		1c(14)	17114012
(15) Other		1c(15)	5370749
			5285662

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	26387556	23430918

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	26387556	23430918
---	-----------	----------	----------

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)	415116	
(B) Participants	2a(1)(B)	699918	
(C) Others (including rollovers)	2a(1)(C)	4913	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		1119947
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	963	
(F) Other	2b(1)(F)	216105	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		217068
(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)	583966	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		583966
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		45735
(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)		-4187918
c Other income	2c		5909
d Total income. Add all income amounts in column (b) and enter total	2d		-2215293
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	692904	
(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)		692904
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)	48441	
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		48441
j Total expenses. Add all expense amounts in column (b) and enter total	2j		741345
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-2956638
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: **PURDY POWERS & COMPANY**

(2) EIN: **01-0463013**

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

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

Part IV Compliance Questions

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

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		X	
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
4d		X	
e Was this plan covered by a fidelity bond?	X		1000000
4e	X		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?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		X	
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

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

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

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

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

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 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan BIGELOW LABORATORY FOR OCEAN SCIENCES RETIREMENT PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 BIGELOW LABORATORY FOR OCEAN SCIENCES		D Employer Identification Number (EIN) 01-6006001
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): 82-2826183		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☒ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

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) through (c)

a Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

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

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

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

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

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

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

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

☐ No. Other. Provide explanation _____

Retirement Plan



December 31, 2022

Contents

Bigelow Laboratory for Ocean Sciences Retirement Plan

December 31, 2022

Financial Statements:

Independent Auditors’ Report	1
Statements of Net Assets Available for Benefits	5
Statement of Changes in Net Assets Available for Benefits	6
Notes to Financial Statements	7

Other Financial Information:

Schedule of Assets (Held at End of Year)	16
--	----

Independent Auditors' Report

**To the Plan Committee of the
Bigelow Laboratory for Ocean Sciences Retirement Plan
East Boothbay, Maine**

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

We have performed audits of the accompanying financial statements of the Bigelow Laboratory for Ocean Sciences Retirement Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits the Bigelow Laboratory for Ocean Sciences 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 certifications from a qualified institution as of December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note C 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 Auditor's 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. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Bigelow Laboratory for Ocean Sciences 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.

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 Bigelow Laboratory for Ocean Sciences Retirement Plan's ability to continue as a going concern for one year after the date 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.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards 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 generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Bigelow Laboratory for Ocean Sciences 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 Bigelow Laboratory for Ocean Sciences 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 audit.

Supplemental Schedule Required by ERISA

The supplemental schedule of Assets Held at End of Year is presented for purposes of additional analysis and is not a required part of the financial statements but is 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 schedule, 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 generally accepted auditing standards. For information included in the supplemental schedule 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 schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including their form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion—

- the form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is 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 schedule 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).

Purdy Powers & Company
Professional Association

Portland, Maine
May 30, 2023

Statements of Net Assets Available for Benefits

Bigelow Laboratory for Ocean Sciences Retirement Plan

As of December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Assets		
Investments at Fair Value	\$ 23,410,137	\$ 26,359,942
Receivables		
Notes receivable from participants	<u>20,781</u>	<u>27,614</u>
Total Assets	<u>\$ 23,430,918</u>	<u>\$ 26,387,556</u>
Net Assets Available for Benefits	<u>\$ 23,430,918</u>	<u>\$ 26,387,556</u>

See independent auditors' report and notes to the financial statements.

Statement of Changes in Net Assets Available for Benefits

Bigelow Laboratory for Ocean Sciences Retirement Plan

For the Year Ended December 31, 2022

Additions

Additions to net assets attributed to:

Investment income:

Net depreciation in fair value of investments	\$ (4,142,183)
Dividend and interest income	<u>805,980</u>

Total Investment Income (Loss) (3,336,203)

Interest income from notes receivable 963

Contributions:

Participants	699,918
Employer	415,116
Rollovers	<u>4,913</u>

Total Contributions 1,119,947

Net Additions (2,215,293)

Deductions

Deductions from net assets attributed to:

Benefits paid to participants	692,904
Administrative expenses	<u>48,441</u>

Total Deductions 741,345

Net Decrease (2,956,638)

Net Assets Available for Benefits

Beginning of year 26,387,556

End of Year \$ 23,430,918

See independent auditors' report and notes to the financial statements.

Notes to Financial Statements

Bigelow Laboratory for Ocean Sciences Retirement Plan

Note A - Description of Plan

The following description of the Bigelow Laboratory for Ocean Sciences 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 403(b) Volume Submitter Plan sponsored by Bigelow Laboratory for Ocean Sciences (the “Laboratory”) covering all eligible employees of the Laboratory. The Plan was established in January 1975 to allow participants to set aside a portion of their compensation on a pre-tax basis and to match a portion of such deferrals with employer contributions on a discretionary basis. The Plan was restated effective July 1, 2013 and January 1, 2019 and is subject to the provisions of the Employee Retirement Income Security Act of 1974 as amended (“ERISA”).

Eligibility

Eligible employees for deferral contributions include all employees other than interns. An employee (other than an excluded employee) generally becomes a participant in the elective deferral portion of the Plan as soon as administratively feasible on or after the employee’s first day of employment.

Such employees are eligible to receive employer matching contributions upon reaching the age of 18 and the completion of four months of employment during which at least 83½ hours of service are completed in each month. If the employee does not complete the aforementioned designated hours of service each month, the employee is subject to the one year of service requirement as defined in the Plan.

Contributions

Participants may contribute a percentage of pretax annual compensation, as defined in the Plan. Participants may also make Roth contributions. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans. Participants direct the investment of their contributions into various mutual fund investment options offered by the Plan.

The Plan provides for an employer matching contribution equal to 6% of each eligible participants’ compensation, as long as the participant is contributing at least 4% or more of eligible compensation to the Plan.

Employee deferrals and employer matching contributions are funded on a payroll basis. All contributions are subject to certain limitations as prescribed by the Internal Revenue Service.

Notes to Financial Statements - Continued

Bigelow Laboratory for Ocean Sciences Retirement Plan

Note A - Description of Plan - Continued

Participant Accounts

Each participant's account is credited with the participant's contribution, the Laboratory's matching contribution, an allocation of Plan earnings based on account balances, and is charged with an annual administrative fee. The allocation of administrative expenses is based upon specific participant transactions and account balances. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account balance.

Investment Options

Participants direct the investment of their contributions into various investment options offered by the Plan.

Vesting

Participants are immediately vested in their elective deferrals, employer matching contributions, plus allocated earnings thereon.

Notes Receivable from Participants

Plan loans are permitted subject to ERISA and the limitations of the Investment Arrangement Documentation and the Plan's loan policy.

Payment of Benefits

Post-severance distribution options include lump-sum, installment, annuity, and ad-hoc methods. The Plan will not make a mandatory distribution following severance from employment.

Provided certain conditions are met, in-service distributions to participants who have not separated from service may be made upon obtaining the age of 59½. The Plan also permits in-service withdrawals due to events of financial hardship, disability, and military service in accordance with provisions specified in the Plan agreement. A participant may not receive an in-service distribution in an amount which is less than \$1,000. Participant rollover distributions may be distributed upon request of the employee.

Plan Amendments

Plan amendments to implement provisions of the CARES Act and the SECURE Act were adopted in July, 2022.

Effective January 1, 2021, the Plan was amended to provide for a mandatory distribution following severance from employment provided the Participant's accumulated benefit does not exceed \$5,000.

Operating Expenses

All expenses of maintaining the Plan are paid by Bigelow Laboratory for Ocean Sciences, the plan sponsor.

Notes to Financial Statements - Continued

Bigelow Laboratory for Ocean Sciences Retirement Plan

Note A - Description of Plan - Continued

SECURE Act

The Setting Every Community Up for Retirement Enhancement (“SECURE”) Act was signed into law in December of 2019 and enacted on January 1, 2020. The Act makes a variety of changes to qualified retirement plan rules to encourage retirement savings and lessen certain burdens on plan sponsors. The Act includes optional as well as required changes; many of which are effective immediately with others having effective dates over a number of years. Changes applicable to 403(b) plans include an increase in the required minimum distribution age for retirement accounts and an exception to the early withdrawal penalty for qualifying birth and adoption expenses. Bigelow Laboratory for Ocean Sciences Retirement Plan has adopted all relevant provisions of the Act.

CARES Act

The Coronavirus Aid, Relief, and Economic Security (“CARES”) Act was signed into law on March 27, 2020. The provisions of the bill relating to retirement plans were designed to provide immediate financial relief in the midst of the global COVID-19 pandemic to participants experiencing financial difficulty, primarily by allowing broader access to eligible retirement plan funds. Key optional provisions include distribution and loan relief, a waiver of Required Minimum Distributions for calendar year 2020, and expanded DOL authority to postpone filing deadlines. Bigelow Laboratory for Ocean Sciences Retirement Plan has adopted all relevant provisions of the Act.

Note B - Summary of Significant Accounting Policies

Basis of Accounting

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

Estimates

The preparation of financial statements in conformity with United States generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Accordingly, actual results could differ from those estimates.

Notes to Financial Statements - Continued

Bigelow Laboratory for Ocean Sciences Retirement Plan

Note B - Summary of Significant Accounting Policies - Continued

Notes Receivable from Participants

Notes receivable are measured at their unpaid principal balance plus accrued but unpaid interest. Interest income is recorded when it is earned on an accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2022 and 2021. If a participant ceases to make loan repayments and the Plan Administrator deems the participant loan to be a distribution, the outstanding loan balance will be included in participants' gross income for federal income tax purposes as if it were distributed to him or her.

Administrative Expenses

Professional and administrative expenses of the Plan, at the Company's election, may be paid out of the Plan or directly by the Company. Plan participants pay an annual fee for administration of the Plan which is deducted from each participant's account. In addition, certain fees are assessed by the custodians for the processing of participant loans and participant withdrawals, and are charged directly to the participant's account. Personnel and facilities of the Company are used by the Plan for its accounting and other activities at no charge to the Plan.

Payment of Benefits

Benefits are recorded when paid.

Investment Valuation and Income Recognition

Except for fully benefit-responsive investment contracts, investments are reported at fair value. Fair value is the price that would be received to sell an asset, or paid to transfer a liability, in an orderly transaction between market participants at the measurement date. In accordance with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 962-325 *Investments - Other*, fully benefit-responsive investment contracts are valued at contract value, which represents contributions, plus credited interest, less participant withdrawals and fees, and is the relevant measurement attribute for guaranteed investment contracts. The pooled separate account's fair value is based upon the net asset value of shares, which is based on the fair value of the fund's net assets and the number of outstanding shares.

See Note D for discussion of fair value measurements.

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

Notes to Financial Statements - Continued

Bigelow Laboratory for Ocean Sciences Retirement Plan

Note C - Information Certified by the Custodian

The Plan Administrator has elected the method of compliance permitted by ERISA Section 103(a)(3)(C) of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under such election, the Plan Administrator instructed the Plan's independent auditors not to perform, and they did not perform any auditing procedures with respect to information certified by TIAA and CREF, the custodian of the Plan, except for comparing information certified by the trustee to information included in the Plan's financial statements and supplemental schedule. The Plan Administrator has obtained certification from the custodian that such information, consisting of investment assets, investment income and investment transactions, as of December 31, 2022 and 2021 and for the years then ended is complete and accurate.

Note D - Fair Value Measurements

FASB ASC 820, *Fair Value Measurements and Disclosures*, defines fair value and provides a framework for measuring fair value. That framework 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) and the lowest priority to unobservable inputs (level 3). The three levels of the fair value hierarchy under FASB ASC 820 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 to the valuation methodology include:
 - quoted prices for similar assets or liabilities in active markets;
 - quoted prices for identical or similar assets or liabilities in inactive markets;
 - inputs other than quoted prices that are observable for the asset or liability;
 - 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 value measurement.

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

Notes to Financial Statements - Continued

Bigelow Laboratory for Ocean Sciences Retirement Plan

Note D - Fair Value Measurements - Continued

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2022 and 2021. For the year ended December 31, 2022, there were no transfers between Level 1 and Level 2 and no transfers in or out of Level 3.

Mutual fund investments: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Pooled separate account: Valued based upon the net asset value (NAV).

Group annuity contracts: Reported at fair value, which approximates contract value. As these contracts are contract-based, market observable prices for identical or similar investments do not exist and, accordingly, these investments are valued using unobservable inputs. The contract value equals the accumulated cash contributions and interest credited to the contract, less any withdrawals.

The preceding methodology may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methodology is appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31:

Assets at Fair Value at December 31, 2022				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 17,114,012	\$ -	\$ -	\$ 17,114,012
Group annuity contracts	-	-	4,718,089	4,718,089
Total assets in the fair value hierarchy	17,114,012	-	4,718,089	21,832,101
Pooled separate account, at net asset value				1,010,463
Investments at fair value				<u>\$ 22,842,564</u>

Notes to Financial Statements - Continued

Bigelow Laboratory for Ocean Sciences Retirement Plan

Note D - Fair Value Measurements - Continued

Assets at Fair Value at December 31, 2021				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 20,619,329	\$ -	\$ -	\$ 20,619,329
Group annuity contracts	-	-	4,789,213	4,789,213
Total assets in the fair value hierarchy	20,619,329		4,789,213	25,408,542
Pooled separate account, at net asset value				369,865
Investments at fair value				<u>\$ 25,778,407</u>

The pooled separate account can be redeemed daily at NAV and has no unfunded commitment at December 31, 2022 and 2021. Its investment objective seeks to generate favorable total returns primarily through the rental income and appreciation of a diversified portfolio of directly held, private real estate investments and real estate-related investments while offering investors guaranteed, daily liquidity.

The table below sets forth a summary of changes in fair value of the plan's Level 3 assets for the years ended December 31:

	<u>2022</u>	<u>2021</u>
Balance at beginning of year	\$ 4,789,213	\$ 4,879,163
Purchases	16,962	16,399
Sales	(231,335)	(213,765)
Earnings	196,283	169,827
Transfers	(53,034)	(62,411)
Balance at end of year	<u>\$ 4,718,089</u>	<u>\$ 4,789,213</u>

The following table represents the Plan's level 3 financial instruments, the valuation techniques used to measure the fair value of those financial instruments, and the significant unobservable inputs and the range of values for these inputs as of December 31:

<u>Instrument</u>	<u>Fair Value</u>	<u>Principal Valuation Technique</u>	<u>Significant Unobservable Inputs</u>	<u>Range of Rates</u>
<u>2022</u>				
Group annuity contracts	\$ 4,718,089	Discounted cash flows	Risk adjusted discount rate	3.25% - 4.75%
<u>2021</u>				
Group annuity contracts	\$ 4,789,213	Discounted cash flows	Risk adjusted discount rate	3.25% - 4.75%

Notes to Financial Statements - Continued

Bigelow Laboratory for Ocean Sciences Retirement Plan

Note E - Fully Benefit-Responsive Group Annuity Contract

For the Plan's fully benefit-responsive group annuity contract, there are no reserves against contract value for credit risk of the contract issuer or otherwise. Participants may ordinarily direct the withdrawal or transfer of all of their investment at contract value. Certain events may limit the ability of the Plan to transact at contract value with the issuer. Such events include spin-offs, sales or divestitures, mergers or consolidations, corporate relocation or facility closings, layoffs or retirement incentive programs, establishment of a competing investment option and partial or total plan termination. The Plan Administrator does not believe that any events that would limit the plan's ability to transact at contract value with participants are probable of occurring. The contract guarantees a minimum 3% rate of interest.

Note F - Related Party and Party-in-Interest Transactions

TIAA and CREF is the custodian and recordkeeper of the plan, as well as the manager of certain plan investments. Therefore, transactions with TIAA and CREF qualify as party-in-interest transactions.

For the years ended December 31, 2022 and 2021, the plan paid certain direct and indirect recordkeeping fees to TIAA and CREF, totaling \$48,441 and \$55,989, respectively.

Note G - Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to terminate the Plan subject to the provisions of ERISA. In the event of plan termination, participants accounts will be distributed in accordance with the terms of the Plan.

Note H - Tax Status

The Plan is subject to ERISA and certain provisions of the Internal Revenue Code. Plan management believes that the Plan is currently designed and is being operated in compliance with the applicable requirements of the IRC, and that the Plan continues to be tax exempt. Therefore, no provision for income taxes has been included in the Plan's financial statements.

Notes to Financial Statements - Continued

Bigelow Laboratory for Ocean Sciences Retirement Plan

Note H - 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 administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022 there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The plan administrator believes the Plan is no longer subject to income tax examinations for years prior to 2019.

Note I - Risks and Uncertainties

The Plan provides for various investment options which in turn invest in various investment securities. Investment securities are exposed to various risks, such as interest rate, market volatility and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statement of net assets available for benefits and statement of changes in net assets available for benefits.

Note J - Subsequent Events

Effective January 1, 2023, the Plan was amended as follows:

- Exclude employees who normally work less than twenty hours per week for all contributions.
- Exclude class of employees: volunteers, interns, apprentices, and independent contractors are excluded from employer contributions.
- Stipends will be excluded from the definition of compensation for all contribution types.
- Five hundred hours of service are required during each six month period ending March 31 and September 30 to receive employer contributions.
- The allocation condition will be totally waived for the following events: death, disability, normal retirement age, and paid leave of absence.

Management has made an evaluation of subsequent events to and including May 30, 2023, which was the date the financial statements were available to be issued and determined that any subsequent events that would require recognition or disclosure have been considered in the preparation of the financial statements.

Schedule H, line 4i - Schedule of Assets (Held at End of Year)

Bigelow Laboratory for Ocean Sciences Retirement Plan

Plan Sponsor EIN: 01-6006001

Plan Number: 001

December 31, 2022

(b) Investments at Fair Value		(c) Investment	(d) Cost (1)	(e) Current Value
(a)				
*	CREF Core Bond R1	Mutual fund	-	\$ 235,001
*	CREF Equity Index R1	Mutual fund	-	698,503
*	CREF Global Equities R1	Mutual fund	-	461,228
*	CREF Growth R1	Mutual fund	-	535,064
*	CREF Inflation-Linked Bond R1	Mutual fund	-	115,075
*	CREF Money Market R1	Mutual fund	-	26,660
*	CREF Social Choice R1	Mutual fund	-	770,669
*	CREF Stock R1	Mutual fund	-	1,858,017
*	TIAA-CREF Lifecycle 2010-Inst	Mutual fund	-	945
*	TIAA-CREF Lifecycle 2015-Inst	Mutual fund	-	357,235
*	TIAA-CREF Lifecycle 2020-Inst	Mutual fund	-	574,562
*	TIAA-CREF Lifecycle 2025-Inst	Mutual fund	-	534,255
*	TIAA-CREF Lifecycle 2030-Inst	Mutual fund	-	727,739
*	TIAA-CREF Lifecycle 2035-Inst	Mutual fund	-	369,326
*	TIAA-CREF Lifecycle 2040-Inst	Mutual fund	-	514,974
*	TIAA-CREF Lifecycle 2045-Inst	Mutual fund	-	618,177
*	TIAA-CREF Lifecycle 2050-Inst	Mutual fund	-	355,181
*	TIAA-CREF Lifecycle 2055-Inst	Mutual fund	-	334,133
*	TIAA-CREF Lifecycle 2060-Inst	Mutual fund	-	56,212
*	TIAA-CREF Lifecycle 2065-Inst	Mutual fund	-	4,237
*	TIAA-CREF Money Market-Inst	Mutual fund	-	55,351
	DFA Intl Small Company	Mutual fund	-	11,421
	Vanguard 500 Idx Adm	Mutual fund	-	2,370,580
	Vanguard Mid-Cap Idx Adm	Mutual fund	-	410,169
	Vanguard Small-Cap Idx Adm	Mutual fund	-	927,703
	Vanguard Intr-Trm Invt Gd Adm	Mutual fund	-	316,531
	Blackrock Stra Inc Opp Port	Mutual fund	-	1,570
	Goldman Sachs SmCp Eq Ins Inst	Mutual fund	-	85,230
	Guggenheim Total Ret Bd Instl	Mutual fund	-	485,344
	BlackRock Intemtl Idx Fd Inst	Mutual fund	-	10,456
	John Hancock Discip V Md Cp R6	Mutual fund	-	237,052
	JPMorgan Equity Inc Fd Cla R6	Mutual fund	-	1,101,799
	Lord Abbett Sh Duration Inc I	Mutual fund	-	13,289
	MFS Intl Diversification Cl R6	Mutual fund	-	591,672
	Baron Emerging Markets Retail	Mutual fund	-	291,413
	ClearBridge Large Cap Growth I	Mutual fund	-	677,448
	CohenSteers Real Estate Secs I	Mutual fund	-	379,791
				17,114,012
*	TIAA Real Estate	Pooled Separate account	-	1,010,463
*	TIAA Traditional Benefit Responsive	Group annuity contract	-	566,566
*	TIAA Traditional Benefit Responsive 2	Group annuity contract	-	1,007
*	TIAA Traditional Non Benefit Responsive	Group annuity contract	-	4,340,682
*	TIAA Traditional Non Benefit Responsive 2	Group annuity contract	-	377,407
				5,285,662
*	Participant loans	Interest Rates (4.25%)		20,781
				<u>\$ 23,430,918</u>

* Represents a party-in-interest to the Plan as defined by ERISA

(1) Participant directed, cost information not required

See independent auditors' report.

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

Name of Plan:

► Bigelow Laboratory For Ocean Sciences Retirement Plan

Employer Identification Number: ► 01-6006001

For plan year (beginning/ending): ► 1/1/2022 to 12/31/2022

Plan number: ► 001

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
*	College Retirement Equities Fund variable annuities	TIAA Traditional Benefit Responsive		\$ 566,565.97
*	College Retirement Equities Fund variable annuities	TIAA Traditional Non Benefit Responsive		\$ 4,340,681.95
*	College Retirement Equities Fund variable annuities	TIAA Traditional Benefit Responsive 2		\$ 1,006.44
*	College Retirement Equities Fund variable annuities	TIAA Traditional Non Benefit Responsive 2		\$ 377,407.16
*	College Retirement Equities Fund variable annuities	CREF Stock R1		\$ 1,858,016.86
*	College Retirement Equities Fund variable annuities	CREF Money Market R1		\$ 26,660.18
*	College Retirement Equities Fund variable annuities	CREF Social Choice R1		\$ 770,668.56
*	College Retirement Equities Fund variable annuities	CREF Global Equities R1		\$ 461,228.22
*	College Retirement Equities Fund variable annuities	CREF Growth R1		\$ 535,063.64
*	College Retirement Equities Fund variable annuities	CREF Equity Index R1		\$ 698,503.40
*	College Retirement Equities Fund variable annuities	CREF Inflation-Linked Bond R1		\$ 115,074.81
*	College Retirement Equities Fund variable annuities	TIAA Real Estate		\$ 1,010,463.37
*	College Retirement Equities Fund variable annuities	CREF Core Bond R1		\$ 235,001.28
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2010-Inst		\$ 945.11
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2015-Inst		\$ 357,234.95
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2020-Inst		\$ 574,562.00
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2025-Inst		\$ 534,254.69
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2030-Inst		\$ 727,738.85
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2035-Inst		\$ 369,326.36
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2040-Inst		\$ 514,974.06
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2045-Inst		\$ 618,177.18
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2050-Inst		\$ 355,181.16
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2055-Inst		\$ 334,133.23
*	College Retirement Equities Fund variable annuities	TIAA-CREF Money Market-Inst		\$ 55,350.80
	College Retirement Equities Fund variable annuities	DFA Intl Small Company I		\$ 11,421.45
	College Retirement Equities Fund variable annuities	Vanguard 500 Idx Adm		\$ 2,370,579.93
	College Retirement Equities Fund variable annuities	Vanguard Small-Cap Idx Adm		\$ 927,703.39
	College Retirement Equities Fund variable annuities	Vanguard Mid-Cap Idx Adm		\$ 410,168.73
	College Retirement Equities Fund variable annuities	Baron Emerging Markets Retail		\$ 291,412.64
	College Retirement Equities Fund variable annuities	Blackrock Stra Inc Opp Port		\$ 1,569.85
	College Retirement Equities Fund variable annuities	ClearBridge Large Cap Growth I		\$ 677,447.87
	College Retirement Equities Fund variable annuities	CohenSteers Real Estate Secs I		\$ 379,791.11
	College Retirement Equities Fund variable annuities	Goldman Sachs SmCp Eq Ins Inst		\$ 85,229.89
	College Retirement Equities Fund variable annuities	Guggenheim Total Ret Bd Instl		\$ 485,343.83
	College Retirement Equities Fund variable annuities	BlackRock Interntl Idx Fd Inst		\$ 10,456.42
	College Retirement Equities Fund variable annuities	John Hancock Discip V Md Cp R6		\$ 237,051.72
	College Retirement Equities Fund variable annuities	JPMorgan Equity Inc Fd Cla R6		\$ 1,101,798.82
	College Retirement Equities Fund variable annuities	Lord Abbett Sh Duration Inc I		\$ 13,289.30
	College Retirement Equities Fund variable annuities	MFS Intl Diversification CI R6		\$ 591,672.38
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2060-Inst		\$ 56,211.85
	College Retirement Equities Fund variable annuities	Vanguard Intr-Trm Invt Gd Adm		\$ 316,530.76
*	College Retirement Equities Fund variable annuities	TIAA-CREF Lifecycle 2065-Inst		\$ 4,236.87
	College Retirement Equities Fund variable annuities	Participant Loan Fund		\$ 20,781.18
	Grand Total			\$ 23,430,918