

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>	
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 <u>THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN</u>	1b Three-digit plan number (PN) ▶	<u>001</u>
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>THE MIDDLESEX CORPORATION</u> <u>1 SPECTACLE POND RD</u> <u>LITTLETON, MA 01460</u>	1c Effective date of plan <u>10/16/1992</u>	2b Employer Identification Number (EIN) <u>04-2534615</u>
	2c Plan Sponsor's telephone number <u>978-742-4400</u>	2d Business code (see instructions) <u>236200</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/13/2023	PETER MARTINKUS
	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

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

Form 5500 (2022)
v. 220413

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 1126
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) 868
a(2) Total number of active participants at the end of the plan year		6a(2) 772
b Retired or separated participants receiving benefits		6b 30
c Other retired or separated participants entitled to future benefits.....		6c 238
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 1040
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 6
f Total. Add lines 6d and 6e		6f 1046
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 992
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 56
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: 2A 2E 2F 2G 2J 2K 2S 2T 3B 3D 3H		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply)	9b Plan benefit arrangement (check all that apply)	
(1) ☒ Insurance	(1) ☒ Insurance	
(2) ☐ Code section 412(e)(3) insurance contracts	(2) ☐ Code section 412(e)(3) insurance contracts	
(3) ☒ Trust	(3) ☒ Trust	
(4) ☐ General assets of the sponsor	(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	b General Schedules	
(1) ☒ R (Retirement Plan Information)	(1) ☒ H (Financial Information)	
(2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary	(2) ☐ I (Financial Information – Small Plan)	
(3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	(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
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 THE MIDDLESEX CORPORATION	D Employer Identification Number (EIN) 04-2534615	

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.
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1 Coverage Information:

(a) Name of insurance carrier MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
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(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
04-1590850	65935	SGIC 21124	121	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.
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(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	
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	10597266

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 ▶ GROUP ANNUITY

b	Balance at the end of the previous year	7b	0
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c	Additions: (1) Contributions deposited during the year	7c(1)		
	(2) Dividends and credits.....	7c(2)		
	(3) Interest credited during the year.....	7c(3)		
	(4) Transferred from separate account.....	7c(4)		
	(5) Other (specify below)	7c(5)		
	▶			

(6) Total additions.....	7c(6)	0
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d	Total of balance and additions (add lines 7b and 7c(6))	7d	0
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e	Deductions:		
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	
	(2) Administration charge made by carrier.....	7e(2)	
	(3) Transferred to separate account.....	7e(3)	
	(4) Other (specify below)	7e(4)	
	▶		

(5) Total deductions.....	7e(5)	0
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f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	0
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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 THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 THE MIDDLESEX CORPORATION	D Employer Identification Number (EIN) 04-2534615	

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

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

EMPOWER ANNUITY INSURANCE COMPANY O

8515 EAST ORCHARD ROAD
GREENWOOD VILLAGE, CO 80111

(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 37 50 64	NONE	143274	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

UBS FINANCIAL SERVICES INC

315 DEADERICK ST 5TH FL
STEVE BRATTON
NASHVILLE, TN 37238

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	NONE	41995	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

QDRO CONSULTANTS COMPANY, LLC

3071 PEARL ROAD
MEDINA OH
MEDINA, OH 44256

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
16 50	NONE	900	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.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 THE MIDDLESEX CORPORATION		
D Employer Identification Number (EIN) 04-2534615		

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: MASSMUTUAL SAGIC SORE II		
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN 90-0342299-182	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 10597266
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
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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>THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 5px;"> B Three-digit plan number (PN) ► </td> <td style="width: 20%; padding: 5px; text-align: center;"> 001 </td> </tr> <tr> <td colspan="2" style="height: 20px;"></td> </tr> </table>		B Three-digit plan number (PN) ►	001		
B Three-digit plan number (PN) ►	001					
C Plan sponsor's name as shown on line 2a of Form 5500 <u>THE MIDDLESEX CORPORATION</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 5px;"> D Employer Identification Number (EIN) <u>04-2534615</u> </td> <td style="width: 20%;"></td> </tr> </table>		D Employer Identification Number (EIN) <u>04-2534615</u>			
D Employer Identification Number (EIN) <u>04-2534615</u>						

Part I	Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.				
Assets		(a) Beginning of Year	(b) End of Year	
a Total noninterest-bearing cash.....		1a	0	0
b Receivables (less allowance for doubtful accounts):				
(1) Employer contributions.....		1b(1)	0	0
(2) Participant contributions.....		1b(2)	0	0
(3) Other.....		1b(3)	0	0
c General investments:				
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....		1c(1)	0	0
(2) U.S. Government securities		1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):				
(A) Preferred		1c(3)(A)	0	0
(B) All other		1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):				
(A) Preferred		1c(4)(A)	0	0
(B) Common.....		1c(4)(B)	0	0
(5) Partnership/joint venture interests		1c(5)	0	0
(6) Real estate (other than employer real property)		1c(6)	0	0
(7) Loans (other than to participants).....		1c(7)	0	0
(8) Participant loans.....		1c(8)	2418508	2197418
(9) Value of interest in common/collective trusts.....		1c(9)	0	0
(10) Value of interest in pooled separate accounts		1c(10)	10165756	10597266
(11) Value of interest in master trust investment accounts.....		1c(11)	0	0
(12) Value of interest in 103-12 investment entities		1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds).....		1c(13)	96389910	74149684
(14) Value of funds held in insurance company general account (unallocated contracts).....		1c(14)		
(15) Other		1c(15)	0	0

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	108974174	86944368

Liabilities

g Benefit claims payable	1g	0	0
h Operating payables	1h		
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	0	0
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	108974174	86944368
---	----	-----------	----------

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 Contributions:**

		(a) Amount	(b) Total
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	6592642	
(B) Participants	2a(1)(B)	5214519	
(C) Others (including rollovers)	2a(1)(C)	401391	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		12208552

b Earnings on investments:**(1) Interest:**

(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	0	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	95752	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		95752

(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	3616744	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		3616744

(3) Rents	2b(3)		0
-----------------	-------	--	---

(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(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)	0	
(B) Other	2b(5)(B)	0	
(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)		0
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		320691
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-22205970
c Other income	2c		0
d Total income. Add all income amounts in column (b) and enter total	2d		-5964231
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	15640139	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		15640139
f Corrective distributions (see instructions)	2f		88929
g Certain deemed distributions of participant loans (see instructions)	2g		149284
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	900	
(2) Contract administrator fees	2i(2)	144328	
(3) Investment advisory and management fees	2i(3)	41995	
(4) Other	2i(4)	0	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		187223
j Total expenses. Add all expense amounts in column (b) and enter total	2j		16065575
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-22029806
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: CITRIN COOPERMAN & COMPANY, LLP

(2) EIN: 22-2428965

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		319664

	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 THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 THE MIDDLESEX CORPORATION		D Employer Identification Number (EIN) 04-2534615
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): 84-1455663		
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 _____

**THE MIDDLESEX CORPORATION
RETIREMENT SAVINGS PLAN
FINANCIAL STATEMENTS
AND SUPPLEMENTAL INFORMATION
DECEMBER 31, 2022 AND 2021**

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
YEARS ENDED DECEMBER 31, 2022 AND 2021

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INDEPENDENT AUDITOR'S REPORT

To the Administrative Committee
The Middlesex Corporation Retirement Savings Plan
Littleton, Massachusetts

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

We have performed audits of the financial statements of The Middlesex Corporation Retirement Savings Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), as permitted by ERISA Section 103(a)(3)(C) ("ERISA Section 103(a)(3)(C) audit"). The financial statements comprise the statements of net assets available for benefits (modified cash basis) as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits (modified cash basis) 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 of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's 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 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the 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 the modified cash basis of accounting as described in Note 2.
- The information in the financial statements referred to above related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America ("GAAS"). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. 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.

Basis of Accounting

We draw attention to Note 2 to the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our ERISA Section 103(a)(3)(C) opinion is not modified with respect to this matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with the modified cash basis of accounting as described in Note 2; this includes determining that the modified cash basis of accounting is an acceptable basis for the preparation of the financial statements in the circumstances. Management is also responsible 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.

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 GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

Auditor's Responsibilities for the Audit of the Financial Statements (Continued)

In performing an audit in accordance with GAAS, we:

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

Our 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 the modified cash basis of accounting.

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 the modified cash basis of accounting.

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.

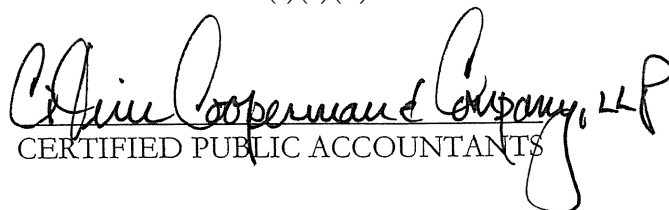
Supplemental Information Required by ERISA

The supplemental Schedule H, - line 4a - schedule of delinquent participant contributions (modified cash basis) for the year ended December 31, 2022, and the supplemental schedule H - line 4i - schedule of assets (held at end of year) (modified cash basis) as of December 31, 2021, are presented for purposes of additional analysis and are 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 schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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

In our opinion-

- The form and content of the supplemental schedules (modified cash basis), other than the information in the supplemental schedules (modified cash basis) that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedules (modified cash basis) 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).


CERTIFIED PUBLIC ACCOUNTANTS

Braintree, Massachusetts
October 10, 2023

**THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
(MODIFIED CASH BASIS)
DECEMBER 31, 2022 AND 2021**

ASSETS

	<u>2022</u>	<u>2021</u>
Investments at fair value:		
Mutual funds	\$ 74,149,684	\$ 96,389,910
Pooled separate account	<u>10,597,266</u>	<u>10,165,756</u>
Total investments	84,746,950	106,555,666
Notes receivable from participants	<u>2,197,418</u>	<u>2,418,508</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 86,944,368</u>	<u>\$ 108,974,174</u>

See accompanying notes to financial statements.

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
(MODIFIED CASH BASIS)
FOR THE YEAR ENDED DECEMBER 31, 2022

Additions (deductions) to net assets attributed to:	
Investment income (loss):	
Net depreciation in fair value of investments	\$ (21,885,279)
Dividend income	<u>3,616,744</u>
Total investment loss	<u>(18,268,535)</u>
Interest income on notes receivable from participants	<u>95,752</u>
Contributions:	
Employer	6,592,642
Participants	5,214,519
Rollover	<u>401,391</u>
Total contributions	<u>12,208,552</u>
	<u>(5,964,231)</u>
Deductions from net assets attributed to:	
Benefits paid to participants	15,878,352
Plan expenses	<u>187,223</u>
Total deductions	<u>16,065,575</u>
Net decrease in net assets available for benefits	(22,029,806)
Net assets available for benefits - beginning	<u>108,974,174</u>
NET ASSETS AVAILABLE FOR BENEFITS - ENDING	<u>\$ 86,944,368</u>

See accompanying notes to financial statements.

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 1. DESCRIPTION OF PLAN

The following description of the The Middlesex Corporation Retirement Savings Plan (the "Plan") provides only general information. Participants should refer to the plan document for a more complete description of the Plan's provisions.

General

The Plan was established on October 16, 1992. The Plan is a defined contribution plan sponsored by The Middlesex Corporation (the "Company" or "Plan Sponsor") covering all eligible employees of the Company. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"). The Internal Revenue Code ("Code") changes from time to time as Congress enacts new laws that change existing qualification requirements. The Administrative Committee determines the appropriateness of the Plan's investment offerings and monitors investment performance.

The Plan was most recently amended as of June 2022. The Plan is designed to serve as a qualified retirement plan under the Code. The Plan is exclusively for the benefit of employees and their beneficiaries.

Eligibility

The Plan covers all full-time employees of the Company who are age twenty-one or older. Employees may elect to enroll when hired, or are automatically enrolled on the first day of the month after completing 60 days of employment. Eligible participants are automatically enrolled at 3% of eligible compensation, increasing annually on July 1 of proceeding each year by 1% up to a maximum of 10% of eligible compensation. Participants are eligible for Company contributions upon completion of one year of service.

Contributions

Each year, participants may contribute to the Plan a percentage of pretax annual compensation, as defined in the Plan, up to the maximum allowable under the provisions of the Code. Participants may also contribute Roth 401(k) contributions subject to certain Code limitations. Participants may also contribute amounts representing distributions from other qualified defined benefit or contribution plans. Participants direct the investments of their contributions into various investment options offered by the Plan.

Participants who have attained age 50 before the close of the calendar year shall be eligible to make additional catch-up contributions to the Plan in accordance with and subject to limitations of the Plan and the Code.

Prevailing wage contributions for work performed under prevailing wage contracts contributed to the Plan by the Company on behalf of the participant are based on the wage rate and job classification of the participant and will not exceed the amount pursuant to the limits under the Code.

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 1. DESCRIPTION OF PLAN (CONTINUED)

Contributions (Continued)

The Company's matching contribution is subject to change on an annual basis. For the year ended December 31, 2022, the Company contributed 25% of the salary deferrals participants contributed to the Plan, up to Code limitations. Additional profit sharing amounts may be contributed at the discretion of the Company's board of directors. No additional profit sharing contributions were made during the years ended December 31, 2022 and 2021. Eligible participants must achieve 1 year of service in order to receive Company matching and profit sharing contributions.

Participant Accounts

Each participant's account is credited with the participant's contribution, employer matching and discretionary contributions and allocations of Plan earnings and charged with an allocation of administrative expenses. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account balance.

Vesting

Participants are immediately vested in their contributions and prevailing wage contributions plus actual earnings thereon. Vesting in the Company's matching and discretionary profit sharing contribution portion of their accounts plus actual earnings thereon is based on years of continuous service as follows:

<u>Years of Service</u>	<u>Vested Interest</u>
Less than one year	0%
One	20%
Two	40%
Three	60%
Four	80%
Five	100%

A participant's interest in their account shall become fully vested if the employment terminates due to death, disability, normal retirement age or early retirement age, as defined by the Plan.

Plan Investment Options

Upon enrollment in the Plan, participants may direct their contributions into any of the various investment options offered by the Plan. Employer contributions are invested in accordance with participants' investment selections.

Notes Receivable from Participants

Eligible participants may borrow against their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of 50 percent of the participant's vested account balance or \$50,000. The loans are secured by the balance in the participant's account and bear interest at the prime rate plus 1%. Loan terms range from one to five years, unless for purchase of principal residence. Principal and interest are paid ratably through payroll deductions or by payment directly to the Plan.

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 1. DESCRIPTION OF PLAN (CONTINUED)

Payment of Benefits

On termination of service due to death, disability, or retirement (defined as age 62), a participant may elect to receive a lump-sum amount equal to the value of the participant's vested interest in his or her account, annual installments over a period not to exceed the life expectancy of the participant, or to have the vested balance applied to the purchase of an annuity contract. For termination of service due to other reasons, a participant may receive the value of the vested interest in his or her account as a lump-sum distribution. Participants may also elect to make certain in-service withdrawals from the Plan upon attaining age 59 $\frac{1}{2}$, subject to certain federal and state withholdings. The Plan also provides participants the opportunity to receive their elective deferrals as hardship distributions.

Upon termination, if a participant's vested account balance does not exceed \$5,000 and the participant does not elect to take a distribution, the Plan Administrator may make a lump-sum distribution to a direct rollover individual retirement account. In-service withdrawals are allowed from any of the participant's vested accounts once they are over age 59 $\frac{1}{2}$.

Distribution of vested account balances of at least \$5,000 may be deferred by retired employees until age 72, at which time required minimum distributions under ERISA must begin.

Forfeitures

Forfeited amounts are used to reduce Plan expenses and employer matching contributions. At December 31, 2022 and 2021, forfeitures were \$11,799 and \$8,710, respectively. During the year ended December 31, 2022, \$84,271 of forfeitures were used to reduce employer matching contributions.

NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements of the Plan are prepared using the modified cash basis of accounting, which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America. Under the modified cash basis of accounting contributions and investment income are reported when received rather than when earned and expenses are recorded when paid rather than when incurred.

Use of Estimates

The preparation of financial statements in conformity with the modified cash basis of accounting requires the plan administrator to make estimates and assumptions that affect the reported amounts of net assets available for benefits at the date of the financial statements and changes in net assets available for benefits during the year. Actual results could differ from those estimates.

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Investment Valuation and Income Recognition

The Plan's investments are held by Empower Trust Company, LLC, (formerly know as Great-West Trust Company, LLC), the trustee and third-party administrator of the Plan, and are invested in various mutual funds and a pooled separate account at the participant's direction.

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. The Plan's Administrative committee determines the Plan's valuation policies utilizing information provided by the Plan's investment advisers and trustee.

Purchases and sales of securities are reported on a trade-date basis. Interest and dividend income is recorded when received. Net depreciation includes the Plan's gains and losses on investments bought and sold, as well as held, during the year.

Fair Value Measurement

The Plan follows the guidance of the Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 820, *Fair Value Measurements*, which defines fair value and established 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 are as follows:

- Level 1 Inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the Plan has the ability to access at the measurement date.
- Level 2 Inputs to the valuation methodology include: quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; and inputs that are derived principally from or corroborated by observable market data by correlation or other means. 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 Unobservable inputs based on the Plan's assessment of the assumptions that market participants would use in pricing the asset or liability.

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

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Fair Value Measurement (Continued)

The following is a description of the valuation methodologies used for asset investments measured at fair value. There have been no changes in the methodologies used at December 31, 2022 and 2021:

Mutual Funds – Mutual funds are 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 and are classified as Level 1 investments.

Pooled Separate Account – The pooled separate account is valued at the NAV of units of individual mutual funds in which the accounts have invested. The NAV is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the accounts less its liabilities. A pooled separate account is not available in an exchange and active market, however, the fair value is determined based on the underlying investments as traded in an exchange and active market. Investments which use NAV as the practical expedient valuation are not included in the fair value hierarchy.

The preceding methods described 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 administrator believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of the certain financial instruments could result in a different fair value measurement at the reporting date.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balances. Interest income is recorded when received. Related fees are recorded as administrative expenses and are expensed as paid. No allowance for credit losses has been recorded as of December 31, 2022 and 2021.

If a participant fails to make a payment when a loan is due under the terms of the loan, that participant will be in default. In the event of default, the loan shall become due and payable immediately, and interest will continue to accrue until the entire loan balance is repaid. The Plan administrator will take all reasonable actions to collect the balance owed on the loan. Under certain circumstances, the loan in default could be considered a distribution from the Plan and could be considered income to the participant. In any event, failure to repay a loan will reduce the benefit to which a participant would otherwise be entitled from the Plan.

Payment of Benefits

Benefit payments are recorded when paid.

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Administrative Expenses

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. The remaining investment related expenses are included in net depreciation of fair value of investments.

Subsequent Events

The Plan Administrator has evaluated all subsequent events through the date which the financial statements were available to be issued, October 10, 2023, and has determined that there are no subsequent events that require disclosure under FASB ASC Topic *Subsequent Events*.

NOTE 3. INFORMATION PREPARED AND CERTIFIED BY TRUSTEE

The Plan administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's ("DOL") Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Empower Trust Company, LLC (formerly known as Great-West Trust Company, LLC), the trustee of the Plan, has certified to the completeness and accuracy of all investments and notes receivable from participants reflected in the accompanying statements of net assets available for benefits (modified cash basis) as of December 31, 2022 and 2021, the supplementary schedule H, line 4i - schedule of assets (held at end of year) (modified cash basis) as of December 31, 2022, and the related investment activity and interest income from notes receivable from participants reflected in the statement of changes in net assets available for benefits (modified cash basis) for the year ended December 31, 2022.

Accordingly, as permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA, the Plan administrator instructed the Plan's independent auditors not to perform auditing procedures with respect to this information, except for comparing such information with the related information included in the financial statements and supplementary schedules.

NOTE 4. FAIR VALUE MEASUREMENT

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2022 and 2021. Classification within the fair value hierarchy table is based on the lowest level of any input that is significant to the fair value measurement:

	Assets at Fair Value as of December 31, 2022			
	Level 1	Level 2	Level 3	Fair Value
Mutual funds	\$ 74,149,684	\$ -	\$ -	\$ 74,149,684
Pooled separate accounts measured at net asset value (a)	-	-	-	10,597,266
Total	<u>\$ 74,149,684</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 84,746,950</u>

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 4. FAIR VALUE MEASUREMENT (CONTINUED)

Assets at Fair Value as of December 31, 2021				
	Level 1	Level 2	Level 3	Fair Value
Mutual funds	\$ 96,389,910	\$ -	\$ -	\$ 96,389,910
Pooled separate accounts measured at net asset value (a)	-	-	-	10,165,756
Total	<u>\$ 96,389,910</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$106,555,666</u>

(a) In accordance with FASB ASC Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this are intended to permit reconciliation of the fair value hierarchy to the line item presented in the statements of net assets available for benefits.

NOTE 5. FAIR VALUE OF INVESTMENTS IN ENTITIES THAT USE NAV

The following tables summarize investments in pooled separate accounts measured at fair value based on NAV per share as of December 31, 2022 and 2021.

Fair Value Estimated Using Net Asset Value per Share December 31, 2022				
Investment	Fair Value	Unfunded Commitments	Redemption Frequency (if currently eligible)	Redemption Notice Period
MassMutual SAGIC Core II	\$ <u>10,597,266</u>	n/a	Daily	Daily
Fair Value Estimated Using Net Asset Value per Share December 30, 2021				
Investment	Fair Value	Unfunded Commitments	Redemption Frequency (if currently eligible)	Redemption Notice Period
MassMutual SAGIC Core II	\$ <u>10,165,756</u>	n/a	Daily	Daily

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 6. RELATED PARTY AND PARTY-IN-INTEREST TRANSACTIONS

Fees paid by the Plan for investment management services are included in net depreciation in fair value of the investments, as they are paid through revenue sharing, rather than a direct payment. For year ended December 31, 2022, total administrative expenses of \$187,223 was paid to third party service providers and included in administrative expenses on the statement of changes in net assets. Plan investments are managed by Empower Trust Company, LLC (formerly known as Great-West Trust Company, LLC), the trustee. Empower Trust Company, LLC provides recordkeeping and custodial services to the Plan and, therefore, these transactions qualify as party-in-interest transactions. The Plan Sponsor pays directly any other fees related to the Plan's operations.

The Plan also issues loans to participants, which are secured by the balances in the participants' accounts. These transactions qualify as party-in-interest transactions as that term is defined in Section 3(14) of ERISA.

NOTE 7. PLAN TERMINATION

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

NOTE 8. RECONCILIATION WITH FORM 5500

Schedule H Parts I and II of Form 5500 are in substantial agreement with the Statements of Net Assets Available for Benefits (modified cash basis) as of December 31, 2022 and 2021, and the Statement of Changes in Net Assets Available for Benefits (modified cash basis) for the plan year ended December 31, 2022, and there are no reconciling items.

NOTE 9. TAX STATUS

The Internal Revenue Service ("IRS") has determined and informed the Plan by a letter dated March 31, 2014, that the Plan is designed in accordance with the applicable sections of the Code. Although the Plan has been amended since receiving the determination letter, the plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the Code and therefore believe that the Plan is qualified and the related trust is tax exempt.

Plan management is required to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain tax position that more likely than not would not be sustained upon examination by the IRS. The plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022 and 2021, there are no uncertain tax 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 MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021

NOTE 10. LATE TRANSMITTAL

During the Plan year ended December 31, 2022 and 2021, certain participant contributions in the amount of \$319,579 and \$85, respectively, were not remitted within the appropriate time period by the Plan Sponsor. These transactions constitute prohibited transactions as defined by ERISA. The late remittances and lost earnings of \$85 for the year ended December 31, 2021 were corrected outside of the Voluntary Fiduciary Correction Program (VFCP) in 2022. The Plan Sponsor is in the process of calculating the lost earnings for the 2022 late remittances and expects to remit lost earnings in 2023. The amount of lost earnings is not material to the financial statements.

NOTE 11. RISKS AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rates, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the Statement of Net Assets Available for Benefits (modified cash basis).

SUPPLEMENTAL INFORMATION

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
SCHEDULE H, LINE 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS
(MODIFIED CASH BASIS)
DECEMBER 31, 2022
EIN: 04-2534615
PLAN NO: 001

Participant Contributions Transferred Late to the Plan		Total that Constitutes Nonexempt Prohibited Transactions			
Check Here if Late Participant Loan Repayments are Included ☒					
Year	Amount	Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	Total Fully Corrected Under VFCP and PTE 2002-51
2021	\$ <u>85</u>	\$ <u>-</u>	\$ <u>85</u>	\$ <u>-</u>	\$ <u>-</u>
2022	\$ <u>319,579</u>	\$ <u>-</u>	\$ <u>319,579</u>	\$ <u>-</u>	\$ <u>-</u>

See independent auditor's report.

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
SCHEDULE H - LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
(MODIFIED CASH BASIS)
DECEMBER 31, 2022
EIN: 04-2534615
PLAN NUMBER: 001

(A)	(B)	(C)	(D)	(E)
	Identity of issue	Description of investment	Cost	Current Value
	MassMutual SAGIC Core II	Pooled Separate Account	**	\$ 10,597,266
	Notes receivable from participants	Mutual Funds	**	7,330,667
	Fidelity Advisor Growth Opps	Mutual Funds	**	6,532,668
	T. Rowe Price Retirement 2045 Fund	Mutual Funds	**	6,108,735
	Vanguard 500 Index Admiral	Mutual Funds	**	5,702,043
	T. Rowe Price Retirement 2035 Fund	Mutual Funds	**	5,373,640
	T. Rowe Price Retirement 2050 Fund	Mutual Funds	**	5,293,549
	T. Rowe Price Retirement 2035 Fund	Mutual Funds	**	5,217,913
	T. Rowe Price Retirement 2025 Fund	Mutual Funds	**	4,730,064
	T. Rowe Price Retirement 2040 Fund	Mutual Funds	**	4,128,333
	Baron Focused Growth R6	Mutual Funds	**	3,944,603
	T. Rowe Price Retirement 2060 Fund	Mutual Funds	**	2,601,971
	Vanguard Mid Cap Index Admiral	Mutual Funds	**	2,358,888
	JP Morgan Equity Income R6	Mutual Funds	**	2,257,639
	PGIM Total Return Bond R6	Mutual Funds	**	1,904,207
	Hartford Schroders International Stock SDR	Mutual Funds	**	1,772,738
	Victory Sycamore Established Value Fund	Mutual Funds	**	1,413,595
	American Funds Growth Fund America	Mutual Funds	**	1,407,332
	T. Rowe Price Retirement 2020 Fund	Mutual Funds	**	1,076,383
	Vanguard Total Bond Market Index Fund Admiral	Mutual Funds	**	1,001,335
	Columbia Small Cap Growth Institutional Fund	Mutual Funds	**	820,740
	Goldman Sachs Small Cap Value Fund	Mutual Funds	**	757,658
	Vanguard Small-Cap Index Fund	Mutual Funds	**	584,623
	Vanguard Developed Markets Index Fund	Mutual Funds	**	455,154
	Fidelity Inflation-Prot BD Index	Mutual Funds	**	449,180
	American Funds American Balanced Fund	Mutual Funds	**	365,877
	Brandywineglobal Corporate Credit IS Fund	Mutual Funds	**	235,166
	T. Rowe Price Retirement 2005 Fund	Mutual Funds	**	226,105
	T. Rowe Price Retirement 2015 Fund	Mutual Funds	**	98,767
	T. Rowe Price Retirement 2010 Fund	Mutual Funds	**	<u>111</u>
				84,746,950
		Interest rates 4.25%-8.00% and maturing through 2032	**	<u>2,197,418</u>
				<u>\$ 86,944,368</u>

* Party-in-interest to the Plan.

** Cost information is not required for participant-directed investments and therefore it is not included.

See independent auditor's report.

THE MIDDLESEX CORPORATION RETIREMENT SAVINGS PLAN
SCHEDULE H, LINE 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS
(MODIFIED CASH BASIS)
DECEMBER 31, 2022
EIN: 04-2534615
PLAN NO: 001

Participant Contributions Transferred Late to the Plan		Total that Constitutes Nonexempt Prohibited Transactions			
Check Here if Late Participant Loan Repayments are Included ☒					
Year	Amount	Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	Total Fully Corrected Under VFCP and PTE 2002-51
2021	\$ <u>85</u>	\$ <u>-</u>	\$ <u>85</u>	\$ <u>-</u>	\$ <u>-</u>
2022	\$ <u>319,579</u>	\$ <u>-</u>	\$ <u>319,579</u>	\$ <u>-</u>	\$ <u>-</u>

See independent auditor's report.

SCHEDULE OF ASSETS (HELD AT END OF YEAR)**The Middlesex Corporation Retirement Savings Plan****01-JAN-22 to 31-DEC-22****22-JAN-23 17:22:47**

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
1TRPFX			239,436.36	226,104.72
1TRPAX			109.40	110.91
1TRFGX			115,118.83	98,767.27
1TRBRX			1,244,445.01	1,076,383.06
1TRPHX			5,273,510.71	4,730,063.78
1TRPCX			8,212,089.81	7,330,667.33
1TRPJX			5,814,700.75	5,373,640.49
1TRPDx			4,561,758.02	4,128,333.23
1TRPKX			6,578,717.01	6,108,734.89
1TRPMX			5,654,182.19	5,293,549.44
1TRPNX			5,661,811.41	5,217,912.59
1TRPLX			2,816,055.03	2,601,971.22
1RNPGX			1,722,149.28	1,407,332.48
1SCIJX			1,788,856.52	1,772,738.09
1VTMGX			501,455.29	455,154.25
1CSGYX			1,290,564.80	820,740.28
1GSITX			865,942.57	757,658.06
1VSMAx			614,975.68	584,622.58
1BFGUX			4,455,934.40	3,944,603.42
1VIMAX			2,188,377.06	2,358,888.11
1VEVRX			1,402,175.75	1,413,594.63
1FZAHX			7,643,635.24	6,532,667.55
1OIEJX			2,037,987.26	2,257,638.57
1VFIAx			5,261,251.73	5,702,042.68
1RLBGX			396,223.43	365,876.63
1BGISX			271,291.14	235,166.42
1FIPDX			551,402.86	449,180.10
1PTRQX			2,327,562.30	1,904,207.28
1VBTLX			1,167,778.00	1,001,334.94
1MMSCH			9,842,460.95	10,527,210.44
			90,501,958.79	84,676,895.44
PARTICIPANT LOANS	VARIOUS	4.250-9.250	2,193,546.64	2,197,417.98
FORFEITURES			66,902.57	70,055.85

SCHEDULE OF ASSETS (HELD AT END OF YEAR)

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The Middlesex Corporation Retirement Savings Plan**01-JAN-22 to 31-DEC-22****22-JAN-23 17:22:47**

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
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LEGEND

INVESTMENT OPTION:

1TRPFX	T. Rowe Price Retirement I 2005 I	1TRPAX	T. Rowe Price Retirement I 2010 I
1TRFGX	T. Rowe Price Retirement I 2015 I	1TRBRX	T. Rowe Price Retirement I 2020 I
1TRPHX	T. Rowe Price Retirement I 2025 I	1TRPCX	T. Rowe Price Retirement I 2030 I
1TRPJX	T. Rowe Price Retirement I 2035 I	1TRPDX	T. Rowe Price Retirement I 2040 I
1TRPKX	T. Rowe Price Retirement I 2045 I	1TRPMX	T. Rowe Price Retirement I 2050 I
1TRPNX	T. Rowe Price Retirement I 2055 I	1TRPLX	T. Rowe Price Retirement I 2060 I
1RNPGX	American Funds New Perspective R6	1SCIJX	Hartford Schroders International Stk SDR
1VTMGX	Vanguard Developed Markets Index Admiral	1CSGYX	Columbia Small Cap Growth I Inst3
1GSITX	Goldman Sachs Small Cp Val Insghts Instl	1VSMAX	Vanguard Small Cap Index Adm
1BFGUX	Baron Focused Growth R6	1VIMAX	Vanguard Mid Cap Index Adm
1VEVRX	Victory Sycamore Established Value R6	1FZAHX	Fidelity Advisor Growth Opps Z
1OIEJX	JPMorgan Equity Income R6	1VFIAX	Vanguard 500 Index Admiral
1RLBGX	American Funds American Balanced R6	1BGISX	BrandywineGLOBAL Corporate Credit IS
1FIPDX	Fidelity Inflation-Prot Bd Index	1PTRQX	PGIM Total Return Bond R6
1VBTXL	Vanguard Total Bond Market Index Adm	1MMSCII	MassMutual Stable Value Core

COST OF ASSETS: The original cost of the assets in each investment option as of the last day of the plan year

CURRENT VALUE: The value of all assets in each investment option as of the last day of the plan year