

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

2024

This Form is Open to Public Inspection

Part I Annual Report Identification Information

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

- A This return/report is for: [ ] a multiemployer plan [ ] a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) [x] 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: [x] 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: MIDDLESEX WATER COMPANY 401(K) PLAN
1b Three-digit plan number (PN): 003
1c Effective date of plan: 11/01/1982
2a Plan sponsor's name (employer, if for a single-employer plan): MIDDLESEX WATER CO.
2b Employer Identification Number (EIN): 22-1114430
2c Plan Sponsor's telephone number: 732-638-7502
2d Business code (see instructions): 221300

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.

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, Enter name of individual signing as plan administrator. Includes rows for employer/plan sponsor and DFE.

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

Form 5500 (2024) v. 240311

<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	<b>3b</b> Administrator's EIN	
	<b>3c</b> Administrator's telephone number	
<b>4</b> 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: <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>4b</b> EIN	
	<b>4d</b> PN	
<b>5</b> Total number of participants at the beginning of the plan year	<b>5</b>	404
<b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ). <b>a(1)</b> Total number of active participants at the beginning of the plan year ..... <b>a(2)</b> Total number of active participants at the end of the plan year ..... <b>b</b> Retired or separated participants receiving benefits..... <b>c</b> Other retired or separated participants entitled to future benefits ..... <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> ..... <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. .... <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> ..... <b>g(1)</b> Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) ..... <b>g(2)</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) ..... <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	<b>6a(1)</b>	351
	<b>6a(2)</b>	360
	<b>6b</b>	1
	<b>6c</b>	59
	<b>6d</b>	420
	<b>6e</b>	1
	<b>6f</b>	421
	<b>6g(1)</b>	376
	<b>6g(2)</b>	391
<b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....	<b>7</b>	20

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

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

<b>9a</b> Plan funding arrangement (check all that apply)	<b>9b</b> Plan benefit arrangement (check all that apply)
(1) <input type="checkbox"/> Insurance	(1) <input type="checkbox"/> Insurance
(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts	(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts
(3) <input checked="" type="checkbox"/> Trust	(3) <input checked="" type="checkbox"/> Trust
(4) <input type="checkbox"/> General assets of the sponsor	(4) <input type="checkbox"/> General assets of the sponsor

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

**a Pension Schedules**

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

**b General Schedules**

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

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

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**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.

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**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 2024 Form M-1 annual report. If the plan was not required to file the 2024 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 \_\_\_\_\_

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

<b>A</b> Name of plan <b>MIDDLESEX WATER COMPANY 401(K) PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶	<b>003</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>MIDDLESEX WATER CO.</b>	<b>D</b> Employer Identification Number (EIN) <b>22-1114430</b>	

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

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

**1 Information on Persons Receiving Only Eligible Indirect Compensation**

**a** Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).....  Yes  No

**b** If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

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

**FIDELITY INVESTMENTS INSTITUTIONAL**

**04-2647786**

**(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

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

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

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(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?
37 60 64 65	RECORDKEEPER	4463	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

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

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

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

**Part I Service Provider Information (continued)**

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AS SMID CPGR IS - SS&C GIDS, INC 1345 AVENUE OF THE AMERICAS NEW YORK, NY 10105	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AS SPL MID CP VAL IS - SS&C GIDS, 1345 AVENUE OF THE AMERICAS NEW YORK, NY 10105	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
CAUSEWAY EM MKTS IS - SS&C GIDS, I 1345 AVENUE OF THE AMERICAS NEW YORK, NY 10105	0.10%	

**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
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
J H ENTERPRISE I - JANUS HENDERSON 151 DETROIT STREET DENVER, CO 80206	0.10%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
TRP EQUITY INCOME - T. ROWE PRICE  52-2269240	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
THRIVENT SM CAP STOCK FD CL S 4321 N. BALLARD ROAD APPLETON, WI 54919-0001	0.15%	

**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.

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

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

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

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

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

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> 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)

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

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

<b>A</b> Name of plan <u>MIDDLESEX WATER COMPANY 401(K) PLAN</u>	<b>B</b> Three-digit plan number (PN)	<u>003</u>
<b>C</b> Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>MIDDLESEX WATER CO.</u>	<b>D</b> Employer Identification Number (EIN) <u>22-1114430</u>	

<b>Part I</b>	<b>Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)</b> (Complete as many entries as needed to report all interests in DFEs)
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<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <u>MIP CL 1</u>		
<b>b</b> Name of sponsor of entity listed in (a): <u>FIDELITY MANAGEMENT TRUST COMPANY</u>		
<b>c</b> EIN-PN <u>04-3022712-024</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>197936</u>
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> 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)



<b>SCHEDULE H</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Financial Information</b>  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).  ▶ <b>File as an attachment to Form 5500.</b>	OMB No. 1210-0110  <b>2024</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2024 or fiscal plan year beginning <b>01/01/2024</b> and ending <b>12/31/2024</b>	
<b>A</b> Name of plan <b>MIDDLESEX WATER COMPANY 401(K) PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶ <b>003</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>MIDDLESEX WATER CO.</b>	<b>D</b> Employer Identification Number (EIN) <b>22-1114430</b>

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

		(a) Beginning of Year	(b) End of Year
<b>Assets</b>			
<b>a</b> Total noninterest-bearing cash .....	<b>1a</b>	0	0
<b>b</b> Receivables (less allowance for doubtful accounts):			
<b>(1)</b> Employer contributions .....	<b>1b(1)</b>	947900	1052087
<b>(2)</b> Participant contributions .....	<b>1b(2)</b>	0	0
<b>(3)</b> Other .....	<b>1b(3)</b>	0	0
<b>c</b> General investments:			
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit) .....	<b>1c(1)</b>	3249709	3082244
<b>(2)</b> U.S. Government securities .....	<b>1c(2)</b>	468815	175094
<b>(3)</b> Corporate debt instruments (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(3)(A)</b>	0	0
<b>(B)</b> All other .....	<b>1c(3)(B)</b>	0	0
<b>(4)</b> Corporate stocks (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(4)(A)</b>	0	0
<b>(B)</b> Common .....	<b>1c(4)(B)</b>	40540	60198
<b>(5)</b> Partnership/joint venture interests .....	<b>1c(5)</b>	0	0
<b>(6)</b> Real estate (other than employer real property) .....	<b>1c(6)</b>	0	0
<b>(7)</b> Loans (other than to participants) .....	<b>1c(7)</b>	0	0
<b>(8)</b> Participant loans .....	<b>1c(8)</b>	887640	925879
<b>(9)</b> Value of interest in common/collective trusts .....	<b>1c(9)</b>	228703	197936
<b>(10)</b> Value of interest in pooled separate accounts .....	<b>1c(10)</b>	0	0
<b>(11)</b> Value of interest in master trust investment accounts .....	<b>1c(11)</b>	0	0
<b>(12)</b> Value of interest in 103-12 investment entities .....	<b>1c(12)</b>	0	0
<b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds) .....	<b>1c(13)</b>	63612166	72923591
<b>(14)</b> Value of funds held in insurance company general account (unallocated contracts) .....	<b>1c(14)</b>	0	0
<b>(15)</b> Other .....	<b>1c(15)</b>	0	0

<b>1d</b> Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	<b>1d(1)</b>	0	0
(2) Employer real property.....	<b>1d(2)</b>	0	0
<b>e</b> Buildings and other property used in plan operation.....	<b>1e</b>	0	0
<b>f</b> Total assets (add all amounts in lines 1a through 1e).....	<b>1f</b>	69435473	78417029
<b>Liabilities</b>			
<b>g</b> Benefit claims payable.....	<b>1g</b>	0	0
<b>h</b> Operating payables.....	<b>1h</b>	0	0
<b>i</b> Acquisition indebtedness.....	<b>1i</b>	0	0
<b>j</b> Other liabilities.....	<b>1j</b>	0	0
<b>k</b> Total liabilities (add all amounts in lines 1g through 1j).....	<b>1k</b>	0	0
<b>Net Assets</b>			
<b>l</b> Net assets (subtract line 1k from line 1f).....	<b>1l</b>	69435473	78417029

**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.

<b>Income</b>		(a) Amount	(b) Total
<b>a Contributions:</b>			
(1) Received or receivable in cash from: <b>(A)</b> Employers.....	<b>2a(1)(A)</b>	1802966	
<b>(B)</b> Participants.....	<b>2a(1)(B)</b>	2315053	
<b>(C)</b> Others (including rollovers).....	<b>2a(1)(C)</b>	96636	
(2) Noncash contributions.....	<b>2a(2)</b>	0	4214655
(3) Total contributions. Add lines <b>2a(1)(A)</b> , <b>(B)</b> , <b>(C)</b> , and line <b>2a(2)</b> .....	<b>2a(3)</b>		
<b>b Earnings on investments:</b>			
<b>(1) Interest:</b>			
<b>(A)</b> Interest-bearing cash (including money market accounts and certificates of deposit).....	<b>2b(1)(A)</b>	168339	
<b>(B)</b> U.S. Government securities.....	<b>2b(1)(B)</b>	1210	
<b>(C)</b> Corporate debt instruments.....	<b>2b(1)(C)</b>	0	
<b>(D)</b> Loans (other than to participants).....	<b>2b(1)(D)</b>	0	
<b>(E)</b> Participant loans.....	<b>2b(1)(E)</b>	77265	
<b>(F)</b> Other.....	<b>2b(1)(F)</b>	0	
<b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....	<b>2b(1)(G)</b>		246814
<b>(2) Dividends:</b>			
<b>(A)</b> Preferred stock.....	<b>2b(2)(A)</b>	0	
<b>(B)</b> Common stock.....	<b>2b(2)(B)</b>	1557	
<b>(C)</b> Registered investment company shares (e.g. mutual funds).....	<b>2b(2)(C)</b>	2402465	
<b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....	<b>2b(2)(D)</b>		2404022
<b>(3)</b> Rents.....	<b>2b(3)</b>		0
<b>(4) Net gain (loss) on sale of assets:</b>			
<b>(A)</b> Aggregate proceeds.....	<b>2b(4)(A)</b>	515185	
<b>(B)</b> Aggregate carrying amount (see instructions).....	<b>2b(4)(B)</b>	509669	
<b>(C)</b> Subtract line <b>2b(4)(B)</b> from line <b>2b(4)(A)</b> and enter result.....	<b>2b(4)(C)</b>		5516
<b>(5) Unrealized appreciation (depreciation) of assets:</b>			
<b>(A)</b> Real estate.....	<b>2b(5)(A)</b>	0	
<b>(B)</b> Other.....	<b>2b(5)(B)</b>	-3937	
<b>(C)</b> Total unrealized appreciation of assets. Add lines <b>2b(5)(A)</b> and <b>(B)</b> .....	<b>2b(5)(C)</b>		-3937

	(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts .....	2b(6)	4670
(7) Net investment gain (loss) from pooled separate accounts .....	2b(7)	0
(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)	10661444
<b>c</b> Other income .....	2c	0
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total .....	2d	17533184

**Expenses**

<b>e</b> Benefit payment and payments to provide benefits:		
(1) Directly to participants or beneficiaries, including direct rollovers .....	2e(1)	8524812
(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)	8524812
<b>f</b> Corrective distributions (see instructions) .....	2f	11825
<b>g</b> Certain deemed distributions of participant loans (see instructions) .....	2g	6019
<b>h</b> Interest expense .....	2h	0
<b>i</b> Administrative expenses:		
(1) Salaries and allowances .....	2i(1)	0
(2) Contract administrator fees .....	2i(2)	0
(3) Recordkeeping fees .....	2i(3)	4463
(4) IQPA audit fees .....	2i(4)	0
(5) Investment advisory and investment management fees .....	2i(5)	3958
(6) Bank or trust company trustee/custodial fees .....	2i(6)	0
(7) Actuarial fees .....	2i(7)	0
(8) Legal fees .....	2i(8)	0
(9) Valuation/appraisal fees .....	2i(9)	0
(10) Other trustee fees and expenses .....	2i(10)	0
(11) Other expenses .....	2i(11)	551
(12) Total administrative expenses. Add lines 2i(1) through (11) .....	2i(12)	8972
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....	2j	8551628

**Net Income and Reconciliation**

<b>k</b> Net income (loss). Subtract line 2j from line 2d .....	2k	8981556
<b>l</b> Transfers of assets:		
(1) To this plan .....	2l(1)	0
(2) From this plan .....	2l(2)	0

**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: WITHUM SMITH AND BROWN PC

(2) EIN: 20-2027092

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

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

**Part IV Compliance Questions**

**4** CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
<b>a</b> Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		X	
<b>b</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	
<b>c</b> 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	
<b>d</b> 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	
<b>e</b> Was this plan covered by a fidelity bond?	X		2000000
<b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
<b>g</b> 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	
<b>h</b> 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	
<b>i</b> Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
<b>j</b> 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	
<b>k</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
<b>l</b> Has the plan failed to provide any benefit when due under the plan?		X	
<b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
<b>n</b> 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.		X	

**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.)

<b>5b(1)</b> Name of plan(s)	<b>5b(2)</b> EIN(s)	<b>5b(3)</b> 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 \_\_\_\_\_.

<b>SCHEDULE R</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Retirement Plan Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

<b>A</b> Name of plan <u>MIDDLESEX WATER COMPANY 401(K) PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>003</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <u>MIDDLESEX WATER CO.</u>	<b>D</b> Employer Identification Number (EIN) <u>22-1114430</u>	

<b>Part I</b>	<b>Distributions</b>
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**All references to distributions relate only to payments of benefits during the plan year.**

**1** Total value of distributions paid in property other than in cash or the forms of property specified in the instructions..... 

1	
---	--

**2** Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):  
 EIN(s): 04-6568107

**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	
---	--

<b>Part II</b>	<b>Funding Information</b> (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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**4** Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? .....  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.**

<b>6 a</b> Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) .....	<b>6a</b>	
<b>b</b> Enter the amount contributed by the employer to the plan for this plan year .....	<b>6b</b>	
<b>c</b> 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).....	<b>6c</b>	

**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

<b>Part III</b>	<b>Amendments</b>
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**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

<b>Part IV</b>	<b>ESOPs</b> (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.
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**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

**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:

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

**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:

<b>a</b> The corresponding number for the plan year immediately preceding the current plan year .....	<b>15a</b>	
<b>b</b> The corresponding number for the second preceding plan year .....	<b>15b</b>	

**16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

<b>a</b> Enter the number of employers who withdrew during the preceding plan year .....	<b>16a</b>	
<b>b</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 .....	<b>16b</b>	

**17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment .....

**Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans**

**18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment .....

**19** If the total number of participants is 1,000 or more, complete lines (a) and (b):

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

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

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

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

**b** If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:  
 Yes.  
 No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.  
 No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.  
 No. Other. Provide explanation: \_\_\_\_\_

**Part VII IRS Compliance Questions**

**21a** Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules?  Yes  No

**21b** If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).  
 Design-based safe harbor method  
 "Prior year" ADP test  
 "Current year" ADP test  
 N/A

**22** If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 06 / 30 / 2020 (MM/DD/YYYY) and the Opinion Letter serial number Q702438A.

# ***Middlesex Water Company 401(k) Plan***

## **Financial Statements**

As of and for the Years Ended December 31, 2024 and 2023

## ***Supplemental Schedule***

As of December 31, 2024

Prepared for Filing as Part of the  
Annual Return/Report of Employee Benefit Plan (Form 5500)  
Taxpayer Identification No. 22-1114430

# MIDDLESEX WATER COMPANY 401(k) PLAN

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All other schedules required by Section 2520.103-10 of the Department of Labor’s Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.

## Independent Auditor's Report

To the Plan Administrator of  
Middlesex Water Company 401(k) Plan:

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

We have performed audits of the financial statements of Middlesex Water Company 401(k) 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 as of December 31, 2024 and 2023, and the related statements of changes in net assets available for benefits for the years ended December 31, 2024 and 2023, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of Middlesex Water Company 401(k) Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's ("DOL") Rules and Regulations for Reporting and Disclosure under ERISA. 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA ("qualified institution").

Management has obtained certifications from a qualified institution as of December 31, 2024 and 2023, and for the years then ended, stating that the certified investment information, as described in Note 5 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 accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the accompanying financial statements 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 Middlesex Water Company 401(k) 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.

## **Responsibilities of Management for the Financial Statements**

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Middlesex Water Company 401(k) Plan's ability to continue as a going concern for at least one year following the date that the financial statements are available to be issued.

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

## **Auditor's Responsibilities for the Audit of the Financial Statements**

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Middlesex Water Company 401(k) 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 Middlesex Water Company 401(k) Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

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

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

## **Other Matter - Supplemental Schedule Required by ERISA**

The supplemental schedule, Schedule H, Line 4i - Schedule of Assets (Held at End of Year), as of December 31, 2024, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, 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 schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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

In our opinion:

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

*Withum Smith & Brown, PC*

October 14, 2025

# MIDDLESEX WATER COMPANY 401(k) PLAN

## STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS DECEMBER 31, 2024 AND 2023

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	2024	2023
ASSETS:		
Investments, at fair market value:		
Mutual Funds	\$ 72,604,306	\$ 63,610,609
Money Market Funds/Other	2,935,458	3,435,374
Participant Directed Brokerage Accounts	<u>899,299</u>	<u>553,950</u>
Total investments, at fair market value	<u>76,439,063</u>	<u>67,599,933</u>
Receivables:		
Loans to participants	925,879	887,640
Employer contribution	<u>1,052,087</u>	<u>947,900</u>
Total receivables	<u>1,977,966</u>	<u>1,835,540</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 78,417,029</u>	<u>\$ 69,435,473</u>

See notes to financial statements.

# MIDDLESEX WATER COMPANY 401(k) PLAN

## STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS YEARS ENDED DECEMBER 31, 2024 AND 2023

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	2024	2023
ADDITIONS:		
Investment Income:		
Net appreciation in fair value of investments	\$ 10,667,693	\$ 11,992,125
Interest and dividends	2,650,836	1,518,126
Net investment income	<u>13,318,529</u>	<u>13,510,251</u>
Contributions:		
Participant	2,411,689	2,229,264
Employer	1,802,966	1,666,282
Total contributions	<u>4,214,655</u>	<u>3,895,546</u>
TOTAL ADDITIONS, NET	<u>17,533,184</u>	<u>17,405,797</u>
DEDUCTIONS:		
Deductions from net assets attributed to:		
Amounts distributed to participants	8,536,637	4,880,998
Other expenses	14,991	11,968
Total deductions	<u>8,551,628</u>	<u>4,892,966</u>
NET INCREASE	8,981,556	12,512,831
NET ASSETS AVAILABLE FOR BENEFITS:		
Beginning of year	<u>69,435,473</u>	<u>56,922,642</u>
End of year	<u>\$ 78,417,029</u>	<u>\$ 69,435,473</u>

See notes to financial statements.

# MIDDLESEX WATER COMPANY 401(k) PLAN

## NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2024 AND 2023

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### 1. PLAN DESCRIPTION

The Middlesex Water Company 401(k) Plan (the Plan) is a defined contribution plan administered by a Pension Committee designated by the Board of Directors of Middlesex Water Company (the Company). Contributions are made by Plan participants, who have the authority to direct their investments through various investment options. Plan participants are permitted to borrow against their account in accordance with specific rules and regulations. Fidelity Management Trust Company (Fidelity or the Trustee) is the trustee of Plan assets. Reference should be made to the Plan documents for a complete description of the Plan.

The assets of the Plan are held in a trust by Fidelity. Fidelity invests the assets based on each participant's election. Investment earnings and losses vary based on the actual investment results of the funds selected by the participants.

**Eligibility** – Employees can enroll in the Plan and begin voluntary contributions after the first day of employment with the Company.

**Participant Accounts** – A separate account is maintained for each participant. Each account is credited with the participant's and Company's contributions, investment earnings (losses) and distributions, if any.

**Investment Options** – Participants can direct their contributions into various investment options offered by the Plan. The Plan's investment options include various mutual funds, money market funds and other funds. Participants, through a self-directed brokerage account with Fidelity, also have the option of investing in stocks, bonds, mutual funds, exchange-traded products, CDs and other investment options not otherwise offered by the Plan. Certain investments, including Company stock and mutual funds offered by the Plan, are ineligible for investment through self-directed brokerage accounts. Investments held in participant self-directed brokerage accounts as of December 31, 2024 and 2023 primarily consist of money market funds, mutual funds and common equity securities.

**Contributions** – Participants may elect to contribute up to 60%, in whole percentages, of their annual compensation, as defined in the Plan document. Participants have the option of designating their contributions as pre-tax (Deferral) and/or after-tax (Roth). Deferral and Roth contributions were limited to a combined maximum of \$23,000 for 2024 and \$22,500 for 2023. Participants who are age 50 or older could make additional catch-up contributions of up to \$7,500 for 2024 and 2023. However, contributions may be limited based on results from discrimination testing prescribed by the Internal Revenue Code (IRC).

The Company contributes an amount equal to 100% of that portion of a participant's contribution which does not exceed 1% of their compensation, plus 50% of that portion of their contributions exceeding 1% (but not exceeding, in the aggregate, 6%) of their compensation. The matching Company contribution, which is maintained in a separately tracked account of the participant, follows their directed contributions into the various investment options offered by the Plan.

All employees hired after March 31, 2007 may be eligible to receive an additional annual Company contribution, at the discretion of the Company, based upon a percentage of eligible compensation. This additional Company contribution is in lieu of participation in the Company's sponsored defined benefit pension plan. For the Plan years ended December 31, 2024 and 2023, the Company approved a discretionary contribution of 5% of a participant's eligible compensation, which amounted to \$1,052,087 and \$947,900, respectively in total for eligible participants.

For the Plan years ended December 31, 2024 and 2023, employee rollovers of \$96,636 and \$32,607 were contributed into the Plan, respectively and are included in participant contributions in the statements of changes in net assets.

# MIDDLESEX WATER COMPANY 401(k) PLAN

## NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2024 AND 2023

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**Vesting** – Participant’s contributions are immediately vested. A participant’s interest in Company matching and discretionary contributions vests as follows: 25% after two years of service, increasing 25% per year with 100% vesting at the end of the fifth year of service.

Upon eligibility for retirement, a participant will be 100% vested. A participant deemed to be on permanent disability will also be 100% vested. Upon the death of a participant before their retirement starting date, the participant will become 100% vested and the participant’s named beneficiary shall be entitled to 100% of their vested benefit.

**Distributions** – In certain situations, the Plan allows for in-service distributions under a systematic withdrawal plan, including but not limited to employees who reach retirement age or hardship requests. The Plan allows distributions of employee deferral accounts when the participant reaches age 59½. Termination distributions are a result of permanent disability, employment termination, retirement, or death and are at the option of the Company for applicable accounts with balances below \$5,000.

Distributions are paid directly to an eligible retirement plan specified by the participant (or designated beneficiary) in a direct rollover or to an Individual Retirement Account. Distributions can also be paid directly to the participant if so elected. In addition, terminated employees with vested account balances in excess of \$5,000 may elect to leave their account balance in the Plan.

**Loans to Participants** – The Plan permits loans to participants secured by their vested account balances. The minimum loan is \$1,000 and the maximum amount is the lesser of one-half of the individual participant’s vested account balance or \$50,000 reduced by the highest outstanding loan balance for the prior twelve month period. Loans bear interest based upon rates established at the time the loan originates. At December 31, 2024 and 2023, the loans’ interest rates ranged from 2.25% to 10.50%. The term of the loan may not exceed five years, except for loans made for the purchase of a primary residence which may not exceed ten years. Loan repayments are automatically deducted from the participant’s pay.

**Forfeitures** – If a participant terminates employment with the Company and is less than 100% vested in the Company contribution, the participant will forfeit the non-vested portion of their Company contribution. A forfeiture may occur in the Plan year that the participant receives a distribution on their entire vested account or if the participant does not receive a distribution after five consecutive one year breaks in service. Forfeitures are retained in the Plan and used to reduce future Company contributions. For the Plan years ended December 31, 2024 and 2023, there were forfeitures used in the Plan of \$65,500 and \$65,000, respectively. Unused forfeitures as of December 31, 2024 and 2023 were not material.

## 2. SIGNIFICANT ACCOUNTING POLICIES

**Basis of Accounting** – The accompanying financial statements are prepared on the accrual basis, which is in accordance with accounting principles generally accepted in the United States of America.

**Investment Valuation and Income Recognition (see Note 3)** – Investments are reported at fair market value, as certified by Fidelity. Quoted market prices, as provided by the Trustee, are used to value investments held in the Plan or participant’s accounts.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

Earnings (losses) from the Plan are allocated based on the actual performance of the participant’s investments. Investment related fees are reflected as an offset of net investment income and are not readily determinable.

**Loans to Participants** – Loans to participants are valued at their unpaid principal balance plus accrued interest. In the event of a default, these loans are deemed to be distributed to the participant.

# MIDDLESEX WATER COMPANY 401(k) PLAN

## NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2024 AND 2023

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**Administrative Expenses** – All administrative expenses are paid by the Company, except for administrative expenses attributable to terminated participants' accounts, which are charged to those participants' accounts. Participant loan application and servicing fees are charged against the participant's account.

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

**Risks and Uncertainties** – Investment securities are exposed to various risks, such as interest rate, market and credit risk. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in risks in the near term could materially affect participants' account balances and the amounts reported in the Statements of Net Assets Available for Benefits. As of December 31, 2024 and 2023, two investments and one investment respectively, represented a concentration of greater than 10% of the Plan's net assets available for benefits.

**Payment of Benefits** – Amounts paid to participants are recorded upon distribution.

**Recent Accounting Pronouncements** – The Plan is not aware of any new accounting standards that were required to be adopted in 2024, or yet to be adopted, that would significantly impact the Plan's 2024 or prospective financial statements.

### 3. FAIR VALUE MEASUREMENTS

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

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

**Level 2:** Inputs to the valuation methodology that are observable, either directly or indirectly, such as:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices in markets that are not active;
- Other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.

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

**Level 3:** Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

A financial instrument's categorization within the valuation hierarchy is based upon the lowest level of 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.

Investments in mutual funds, money market funds, and common equity securities, including those held in participant directed brokerage accounts, are valued based on closing market prices in the active markets in which the securities are traded. The Plan had no Level 3 investments as of December 31, 2024 and 2023.

# MIDDLESEX WATER COMPANY 401(k) PLAN

## NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2024 AND 2023

The following tables represent the Plan's fair value hierarchy, by investment type, for its financial assets measured at fair value on a recurring basis:

	As of December 31, 2024			Total
	Level 1	Level 2	Level 3	
Mutual Funds	\$ 72,604,306	\$ -	\$ -	\$ 72,604,306
Money Market Funds/Other	2,935,458	-	-	2,935,458
Participant Directed Brokerage Accounts	899,299			899,299
Total Investments at Fair Market Value	<u>\$ 76,439,063</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 76,439,063</u>

	As of December 31, 2023			Total
	Level 1	Level 2	Level 3	
Mutual Funds	\$ 63,610,609	\$ -	\$ -	\$ 63,610,609
Money Market Funds/Other	3,435,374	-	-	3,435,374
Participant Directed Brokerage Accounts	553,950			553,950
Total Investments at Fair Market Value	<u>\$ 67,599,933</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 67,599,933</u>

There were no changes in methodologies for the periods presented.

#### 4. DISTRIBUTIONS UPON TERMINATION OF THE PLAN

While the Company intends to continue the Plan, it reserves the right to change or terminate the Plan at any time. In the event the Plan should terminate, each participant will automatically become 100% vested in their account balance.

Additionally, the Company will facilitate the distribution of account balances under the provisions of the Plan and Trust Agreement until all assets have been distributed by the Trustee. Upon completion of such distributions, the Trust will terminate, the Trustee will be relieved of all liability under the Trust Agreement, and no participant or other person will have any claims thereunder, except as required by applicable law.

#### 5. CERTIFICATIONS BY PLAN TRUSTEE

The Company has elected the method of annual compliance reporting permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 (ERISA).

# MIDDLESEX WATER COMPANY 401(k) PLAN

## NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2024 AND 2023

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The following is a summary of the information regarding the Plan, included in the Plan's financial statements and supplemental schedule that were prepared by the Trustee and furnished to the Company. The Company has obtained certifications from Fidelity that such information is complete and accurate.

	<b>December 31,</b>	
	<b>2024</b>	<b>2023</b>
Investments, at fair market value	\$ 76,439,063	\$ 67,599,933
Loans to participants	925,879	887,640

  

	<b>Years Ended December 31,</b>	
	<b>2024</b>	<b>2023</b>
Net appreciation in fair value of investments	\$ 10,667,693	\$ 11,992,125
Interest and dividends	2,650,836	1,518,126

Based on information provided and certified by the Trustee, there were no fixed income obligations, leases or debt instruments in default or deemed uncollectible, as defined by ERISA, as of December 31, 2024 and 2023 and for the years then ended.

### 6. PARTY-IN-INTEREST TRANSACTIONS

A substantial amount of Plan investments are shares of mutual funds managed by Fidelity. In addition, Plan investments include participant directed investments in Fidelity brokerage accounts. Fidelity is the trustee as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions.

In addition, certain participants borrowed from the Plan. As of December 31, 2024 and 2023, the outstanding loans to participants of the Plan were \$925,879 and \$887,640, respectively. For the years ended December 31, 2024 and 2023, interest from loans to participants was \$77,642 and \$56,698, respectively and are included in interest and dividends in the statement of changes in net assets. Participants are considered a party-in-interest to the Plan and these loans were exempt party-in-interest transactions pursuant to Section 408(b)(1) of ERISA.

### 7. TAX STATUS

The Plan is intended to be qualified under section 401(a) of the IRC and is intended to be exempt from taxation under section 501(a) of the IRC. The Company adopted a non-standardized prototype plan which received an Internal Revenue Service (IRS) opinion letter dated June 30, 2020. Although the Plan has been amended since receiving this opinion letter, the Company believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC and the related trust is tax exempt. Therefore, no provision for income taxes has been included in the Plan's financial statements.

Authoritative guidance requires the Plan to evaluate tax positions taken by the Plan and recognize a related tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan has concluded that, as of December 31, 2024 and 2023, there are no uncertain positions taken, or expected to be taken, that would require recognition of a liability or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan believes it is no longer subject to income tax examinations for years prior to 2021. In addition, there have been no tax related interest or penalties for periods presented in these financial statements.

# MIDDLESEX WATER COMPANY 401(k) PLAN

## NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2024 AND 2023

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### 8. SUBSEQUENT EVENTS

The Plan has evaluated subsequent events occurring after the date of the financial statements through October 14, 2025, which is the date the financial statements were available to be issued. Based upon that evaluation, the Plan has determined that no subsequent events have occurred which require adjustment to, or disclosure in the financial statements.

\* \* \* \* \*

## **SUPPLEMENTAL SCHEDULE**

# MIDDLESEX WATER COMPANY 401(k) PLAN

TAXPAYER IDENTIFICATION NO. 22-1114430

Plan No. 003

Schedule H Part IV, Line 4i - Schedule of Assets (Held at End of Year)

DECEMBER 31, 2024

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment, Including Maturity Date, Rate of interest, Collateral, and Par or Maturity Value	(d) Cost**	(e) Current Value
<b>* Fidelity Mutual Funds/Other:</b>				
	Fidelity	Contrafund - Class K	\$	8,371,482
	Fidelity	Total Bond Fund		2,308,728
	Fidelity	OTC Portfolio		3,380,865
	Fidelity	International Discovery Fund - Class K		367,075
	Fidelity	Telecom and Utilities Fund		677,762
	Fidelity	Blue Chip Growth Fund - Class K		15,030,851
	Fidelity	Worldwide Fund		1,445,504
	Fidelity	500 Index Fund - Premium Class		5,903,755
	Fidelity	Extended Market Index Fund - Premium Class		650,501
	Fidelity	Global ex U.S. Index Fund - Premium Class		157,348
	Fidelity	U.S. Bond Index Fund - Premium Class		307,821
	Fidelity	Janus Henderson Enterprise Fund Class I		451,843
	Fidelity	Freedom K Income Fund		216,524
	Fidelity	Freedom 2010 Fund		166,497
	Fidelity	Freedom 2015 Fund		432,248
	Fidelity	Freedom 2020 Fund		1,422,421
	Fidelity	Freedom 2025 Fund		3,863,280
	Fidelity	Freedom 2030 Fund		3,249,430
	Fidelity	Freedom 2035 Fund		5,671,432
	Fidelity	Freedom 2040 Fund		5,064,801
	Fidelity	Freedom 2045 Fund		3,688,045
	Fidelity	Freedom 2050 Fund		3,561,777
	Fidelity	Freedom 2055 Fund		2,121,464
	Fidelity	Freedom 2060 Fund		1,100,648
	Fidelity	Freedom 2065 Fund		211,379
	Fidelity	Freedom 2070 Fund		232
	Fidelity	Managed Income Portfolio Class I		197,936
	Fidelity	Money Market Trust Government Money Market Portfolio		2,737,522
<b>Other Mutual Funds:</b>				
	T. Rowe Price	T. Rowe Price Equity Income Fund		185,660
	Causeway	Causeway Emerging Markets Fund Class		328,873
	PIF	PIF Small Cap		698,489
	Allspring	Allspring Special Mid Cap Value IS		1,567,571
<b>* Participant Directed Brokerage Accounts - Fidelity</b>				<b>899,299</b>
	Total Investments at December 31, 2024			<b>\$ 76,439,063</b>
interest rates ranging from 2.25% - 10.50%, maturing 2025-2030				
<b>* Participant Loan Balances</b>				<b>\$ 925,879</b>

\* Party in Interest

\*\* Cost information is omitted as all investments are participant-directed.

See Independent Auditor's Report

# MIDDLESEX WATER COMPANY 401(k) PLAN

TAXPAYER IDENTIFICATION NO. 22-1114430

Plan No. 003

Schedule H Part IV, Line 4i - Schedule of Assets (Held at End of Year)

DECEMBER 31, 2024

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment, Including Maturity Date, Rate of interest, Collateral, and Par or Maturity Value	(d) Cost**	(e) Current Value
<b>* Fidelity Mutual Funds/Other:</b>				
	Fidelity	Contrafund - Class K	\$	8,371,482
	Fidelity	Total Bond Fund		2,308,728
	Fidelity	OTC Portfolio		3,380,865
	Fidelity	International Discovery Fund - Class K		367,075
	Fidelity	Telecom and Utilities Fund		677,762
	Fidelity	Blue Chip Growth Fund - Class K		15,030,851
	Fidelity	Worldwide Fund		1,445,504
	Fidelity	500 Index Fund - Premium Class		5,903,755
	Fidelity	Extended Market Index Fund - Premium Class		650,501
	Fidelity	Global ex U.S. Index Fund - Premium Class		157,348
	Fidelity	U.S. Bond Index Fund - Premium Class		307,821
	Fidelity	Janus Henderson Enterprise Fund Class I		451,843
	Fidelity	Freedom K Income Fund		216,524
	Fidelity	Freedom 2010 Fund		166,497
	Fidelity	Freedom 2015 Fund		432,248
	Fidelity	Freedom 2020 Fund		1,422,421
	Fidelity	Freedom 2025 Fund		3,863,280
	Fidelity	Freedom 2030 Fund		3,249,430
	Fidelity	Freedom 2035 Fund		5,671,432
	Fidelity	Freedom 2040 Fund		5,064,801
	Fidelity	Freedom 2045 Fund		3,688,045
	Fidelity	Freedom 2050 Fund		3,561,777
	Fidelity	Freedom 2055 Fund		2,121,464
	Fidelity	Freedom 2060 Fund		1,100,648
	Fidelity	Freedom 2065 Fund		211,379
	Fidelity	Freedom 2070 Fund		232
	Fidelity	Managed Income Portfolio Class I		197,936
	Fidelity	Money Market Trust Government Money Market Portfolio		2,737,522
<b>Other Mutual Funds:</b>				
	T. Rowe Price	T. Rowe Price Equity Income Fund		185,660
	Causeway	Causeway Emerging Markets Fund Class		328,873
	PIF	PIF Small Cap		698,489
	Allspring	Allspring Special Mid Cap Value IS		1,567,571
<b>* Participant Directed Brokerage Accounts - Fidelity</b>				<b>899,299</b>
	Total Investments at December 31, 2024			<b>\$ 76,439,063</b>
interest rates ranging from 2.25% - 10.50%, maturing 2025-2030				
<b>* Participant Loan Balances</b>				<b>\$ 925,879</b>

\* Party in Interest

\*\* Cost information is omitted as all investments are participant-directed.

See Independent Auditor's Report