

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

Part II	Basic Plan Information—enter all requested information		
1a	Name of plan 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) 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) MIDDLESEX WATER CO. 485C ROUTE ONE SOUTH SUITE 400 ISELIN, NJ 08830	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.

SIGN HERE	Filed with authorized/valid electronic signature.	08/30/2023	BRUCE O'CONNOR
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 399
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits..... d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)..... h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	 6a(1) 346 6a(2) 348 6b 2 6c 50 6d 400 6e 0 6f 400 6g 376 6h 22
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 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:	
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 0 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 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 MIDDLESEX WATER COMPANY 401(K) PLAN	B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 MIDDLESEX WATER CO.	D Employer Identification Number (EIN) 22-1114430	

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
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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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	3419	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

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

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

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

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
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 DISC SMID CPGR IS - DST ASSET M 430 W 7TH STREET STE 219432 KANSAS CITY, MO 64105	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 - DST ASSET M 430 W 7TH STREET STE 219432 KANSAS CITY, MO 64105	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 - DST SYSTEMS	0.10%	
43-1581814		

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

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: MIP CL 1
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b	Name of sponsor of entity listed in (a): FIDELITY MANAGEMENT TRUST COMPANY
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c EIN-PN 04-3022712-024	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 409983
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a	Name of MTIA, CCT, PSA, or 103-12 IE:
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b	Name of sponsor of entity listed in (a):
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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)
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a	Name of MTIA, CCT, PSA, or 103-12 IE:
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b	Name of sponsor of entity listed in (a):
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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)
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a	Name of MTIA, CCT, PSA, or 103-12 IE:
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b	Name of sponsor of entity listed in (a):
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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)
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a	Name of MTIA, CCT, PSA, or 103-12 IE:
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b	Name of sponsor of entity listed in (a):
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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)
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a	Name of MTIA, CCT, PSA, or 103-12 IE:
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b	Name of sponsor of entity listed in (a):
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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)
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a	Name of MTIA, CCT, PSA, or 103-12 IE:
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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)
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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
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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
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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
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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
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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
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

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

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

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>MIDDLESEX WATER COMPANY 401(K) PLAN</u>	B Three-digit plan number (PN) ►	<u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>MIDDLESEX WATER CO.</u>	D Employer Identification Number (EIN) <u>22-1114430</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)	751240	866078
(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)	2601486	3572174
(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)	43215	34771
(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)	895569	772783
(9) Value of interest in common/collective trusts.....	1c(9)	130773	409983
(10) Value of interest in pooled separate accounts	1c(10)	0	0
(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)	68660000	51266853
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	0	0
(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	73082283	56922642

Liabilities

g Benefit claims payable	1g	0	0
h Operating payables	1h	0	0
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	73082283	56922642
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	1533785	
(B) Participants	2a(1)(B)	2139425	
(C) Others (including rollovers)	2a(1)(C)	41695	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		3714905
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	54889	
(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)	43262	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		98151
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	709	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	3480818	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		3481527
(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)	8	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		-8
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	0	
(B) Other	2b(5)(B)	-13075	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		-13075

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		3675
(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)		-19502524
c Other income	2c		0
d Total income. Add all income amounts in column (b) and enter total	2d		-12217349
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	3925228	
(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)		3925228
f Corrective distributions (see instructions)	2f		170
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	0	
(3) Investment advisory and management fees	2i(3)	2140	
(4) Other	2i(4)	14754	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		16894
j Total expenses. Add all expense amounts in column (b) and enter total	2j		3942292
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-16159641
l 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** because:

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

Part IV Compliance Questions

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

During the plan year:

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

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
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.)			
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.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		2000000
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?			
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?			
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.)			
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?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
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		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.)

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 MIDDLESEX WATER COMPANY 401(K) PLAN		B Three-digit plan number (PN) ► 003
C Plan sponsor's name as shown on line 2a of Form 5500 MIDDLESEX WATER CO.		D Employer Identification Number (EIN) 22-1114430
Part I Distributions		
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 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
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 _____

Middlesex Water Company 401(k) Plan

Financial Statements

As of and for the Years Ended December 31, 2022 and 2021

Supplemental Schedule

As of December 31, 2022

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 Trustees and Participants 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, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the 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 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 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 one year after the date that the financial statements are available to be issued.

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

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, Part IV, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2022, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from, and relates directly to, the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the 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 Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

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

August 24, 2023

MIDDLESEX WATER COMPANY 401(k) PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS DECEMBER 31, 2022 AND 2021

	2022	2021
ASSETS:		
Investments, at fair market value:		
Mutual Funds	\$ 51,265,610	\$ 68,658,465
Money Market Funds/Other	3,830,422	2,581,954
Participant Directed Brokerage Accounts	<u>187,749</u>	<u>195,055</u>
Total investments, at fair market value	<u>55,283,781</u>	<u>71,435,474</u>
Receivables:		
Loans to participants	772,783	895,569
Employer contribution	<u>866,078</u>	<u>751,240</u>
Total receivables	<u>1,638,861</u>	<u>1,646,809</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 56,922,642</u>	<u>\$ 73,082,283</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, 2022 AND 2021

	2022	2021
ADDITIONS:		
Investment Income:		
Net (depreciation) appreciation in fair value of investments	\$ (19,511,932)	\$ 3,585,134
Interest and dividends	3,579,678	6,217,048
Net investment (loss) income	<u>(15,932,254)</u>	<u>9,802,182</u>
Contributions:		
Participant	2,181,120	2,379,893
Employer	<u>1,533,785</u>	<u>1,358,115</u>
Total contributions	<u>3,714,905</u>	<u>3,738,008</u>
TOTAL ADDITIONS	<u>(12,217,349)</u>	<u>13,540,190</u>
DEDUCTIONS:		
Deductions from net assets attributed to:		
Amounts distributed to participants	3,925,398	2,889,841
Other expenses	<u>16,894</u>	<u>4,897</u>
Total deductions	<u>3,942,292</u>	<u>2,894,738</u>
NET (DECREASE) INCREASE	(16,159,641)	10,645,452
NET ASSETS AVAILABLE FOR BENEFITS:		
Beginning of year	<u>73,082,283</u>	<u>62,436,831</u>
End of year	<u>\$ 56,922,642</u>	<u>\$ 73,082,283</u>

See notes to financial statements.

MIDDLESEX WATER COMPANY 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2022 AND 2021

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 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 – Prior to November 30, 2022, employees could enroll in the Plan and begin voluntary contributions on the first day of any month following the commencement of employment with the Company. Effective November 30, 2022, 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, 2022 and 2021 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 \$20,500 for 2022 and \$19,500 for 2021. Participants who are age 50 or older could make additional catch-up contributions of up to \$6,500 for 2022 and 2021. 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, 2022 and 2021, the Company approved a discretionary contribution of 5% of a participant's eligible compensation, which amounted to \$866,078 and \$751,240, respectively in total for eligible participants.

For the Plan years ended December 31, 2022 and 2021, employee rollovers of \$41,695 and \$305,711 were contributed into the Plan, respectively.

MIDDLESEX WATER COMPANY 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2022 AND 2021

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, 2022, the loans’ interest rates ranged from 2.25% to 9.00%. 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, 2022 and 2021, there were forfeitures used in the Plan of \$93,390 and \$112,378, respectively. Unused forfeitures as of December 31, 2022 and 2021 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. No allowance for credit losses has been recorded as of December 31, 2022 or 2021.

MIDDLESEX WATER COMPANY 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2022 AND 2021

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.

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 2022, or yet to be adopted, that would significantly impact the Plan's 2022 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, 2022 and 2021.

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:

MIDDLESEX WATER COMPANY 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2022 AND 2021

	Level 1	As of December 31, 2022		Total
		Level 2	Level 3	
Mutual Funds	\$ 51,265,610	\$ -	\$ -	\$ 51,265,610
Money Market Funds/Other	3,830,422	-	-	3,830,422
Participant Directed Brokerage Accounts	187,749			187,749
Total Investments at Fair Market Value	<u>\$ 55,283,781</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 55,283,781</u>

	Level 1	As of December 31, 2021		Total
		Level 2	Level 3	
Mutual Funds	\$ 68,658,465	\$ -	\$ -	\$ 68,658,465
Money Market Funds/Other	2,581,954	-	-	2,581,954
Participant Directed Brokerage Accounts	195,055			195,055
Total Investments at Fair Market Value	<u>\$ 71,435,474</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 71,435,474</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 (UNAUDITED)

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

MIDDLESEX WATER COMPANY 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2022 AND 2021

The following is a summary of the unaudited 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.

	December 31,	
	2022	2021
Investments, at fair market value	\$ 55,283,781	\$ 71,435,474
Loans to participants	772,783	895,569
	Years Ended December 31,	
	2022	2021
Net (depreciation) appreciation in fair value of investments	\$ (19,511,932)	\$ 3,585,134
Interest and dividends	3,579,678	6,217,048

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, 2022 and 2021 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, 2022 and 2021, the outstanding loans to participants of the Plan were \$772,783 and \$895,569, respectively. For the years ended December 31, 2022 and 2021, interest from loans to participants was \$43,262 and \$46,990, respectively. 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, 2022 and 2021, 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 2019. 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, 2022 AND 2021

8. SUBSEQUENT EVENTS

The Plan has evaluated subsequent events occurring after the date of the financial statements through August 24, 2023, 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, Line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

DECEMBER 31, 2022

DESCRIPTION OF INVESTMENT				
(a)	(b) Identity of Issuer	(c) Type of Security	Number of Units / Shares	(e) Current Value
Investments:				
* Fidelity Mutual Funds/Other:				
	Contrafund - Class K	Mutual Fund	401,216	\$ 4,866,752
	Total Bond Fund	Mutual Fund	210,415	1,963,168
	OTC Portfolio	Mutual Fund	157,409	2,019,562
	International Discovery Fund - Class K	Mutual Fund	6,501	256,783
	Telecom and Utilities Fund	Mutual Fund	25,194	711,975
	Blue Chip Growth Fund - Class K	Mutual Fund	473,417	8,190,113
	Asset Manager 50%	Mutual Fund	51,313	908,746
	Worldwide Fund	Mutual Fund	56,760	1,426,942
	500 Index Fund - Premium Class	Mutual Fund	27,672	3,683,741
	Extended Market Index Fund - Premium Class	Mutual Fund	8,109	511,045
	Global ex U.S. Index Fund - Premium Class	Mutual Fund	12,258	153,832
	U.S. Bond Index Fund - Premium Class	Mutual Fund	40,987	417,247
	Freedom K Income Fund	Mutual Fund	15,669	155,281
	Freedom 2010 Fund	Mutual Fund	9,979	126,540
	Freedom 2015 Fund	Mutual Fund	34,343	351,673
	Freedom 2020 Fund	Mutual Fund	163,828	2,078,971
	Freedom 2025 Fund	Mutual Fund	379,249	4,422,042
	Freedom 2030 Fund	Mutual Fund	173,673	2,528,682
	Freedom 2035 Fund	Mutual Fund	289,345	3,622,593
	Freedom 2040 Fund	Mutual Fund	381,573	3,376,919
	Freedom 2045 Fund	Mutual Fund	229,329	2,327,684
	Freedom 2050 Fund	Mutual Fund	229,818	2,364,832
	Freedom 2055 Fund	Mutual Fund	102,925	1,228,927
	Freedom 2060 Fund	Mutual Fund	46,307	508,917
	Freedom 2065 Fund	Mutual Fund	2,678	27,052
	Managed Income Portfolio Class I	Other	409,983	409,983
	Money Market Trust Government Money Market Portfolio	Money Market	3,420,439	3,420,439
Other Mutual Funds:				
	T. Rowe Price Equity Income Fund	Mutual Fund	6,933	226,583
	Causeway Emerging Markets Fund Class Institutional	Mutual Fund	24,136	212,394
	PIF Small Cap	Mutual Fund	37,679	908,825
	Allspring Special Mid Cap Value IS	Mutual Fund	29,447	1,305,962
	Allspring Discovery IS	Mutual Fund	16,290	381,827
* Participant Directed Brokerage Accounts - Fidelity				187,749
Total Investments at December 31, 2022				<u>\$ 55,283,781</u>
* Participant Loan Balances (2.25% - 9.00%, maturing 2023-2030)				<u>\$ 772,783</u>
* Party in Interest				

See Independent Auditor's Report

MIDDLESEX WATER COMPANY 401(k) PLAN

TAXPAYER IDENTIFICATION NO. 22-1114430

Plan No. 003

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	Allspring Discovery IS	Mutual Fund	16,290	381,827
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Total Investments at December 31, 2022				<u>\$ 55,283,781</u>
* Participant Loan Balances (2.25% - 9.00%, maturing 2023-2030)				<u>\$ 772,783</u>
* Party in Interest				

See Independent Auditor's Report