



Teresa K. Harrold
Director, Corporate Counsel
852 Wesley Drive | Mechanicsburg, PA 17055
Phone: 717-550-1562 | Fax: 717-550-1255
teresa.harrold@amwater.com

VIA e-Filing

March 20, 2024

Rosemary Chiavetta, Secretary
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

**Re: Pennsylvania-American Water Company (Utility Code: 230073)
Wastewater Operations DSIC filing effective April 1, 2024**

Dear Secretary Chiavetta:

Attached please find Supplement No. 50 to Tariff Wastewater PA P.U.C. No. 16 for Pennsylvania-American Water Company which bears the issue date of March 20, 2024.

This Tariff supplement increases the Distribution System Improvement Charge (DSIC) on page 18.1 (25th Revision) from 0.00% to 0.04%, effective April 1, 2024. The DSIC rate includes the Section 1307(e) reconciliation over-collection for 2023 as filed at Docket No. M-2024-3045853.

If you have any questions, please contact me.

Sincerely,

Teresa K. Harrold

Attachments

- cc. Office of Consumer Advocate w/Attachments **VIA** E-Mail
- Bureau of Investigation and Enforcement w/Attachments **VIA** E-Mail
- Office of Small Business Advocate w/Attachments **VIA** E-Mail
- Bureau of Audits w/Attachments **VIA** E-Mail
- Bureau of Technical Utility Services w/Attachments **VIA** E-Mail
- Marissa Boyle (Bureau of Technical Utility Services) w/Attachments **VIA** E-Mail

**PENNSYLVANIA-AMERICAN WATER COMPANYS
Wastewater Division
(hereinafter referred to as the “Company”)
D/B/A
Pennsylvania American Water**

RATES, RULES AND REGULATIONS

GOVERNING THE FURNISHINGS OF

WASTEWATER COLLECTION AND DISPOSAL SERVICE

IN CERTAIN MUNICIPALITIES AND TERRITORIES LOCATED IN:

ADAMS COUNTY, ALLEGHENY COUNTY, BEAVER COUNTY, BERKS COUNTY,
CHESTER COUNTY, CLARION COUNTY, CUMBERLAND COUNTY, LACKAWANNA
COUNTY, LUZERNE COUNTY, MCKEAN COUNTY, MONROE COUNTY,
MONTGOMERY COUNTY, NORTHUMBERLAND COUNTY, PIKE COUNTY,
WASHINGTON COUNTY AND YORK COUNTY
ALL IN THE COMMONWEALTH OF PENNSYLVANIA

Issued: March 20, 2024

Effective: April 1, 2024

Issued by:
Justin Ladner, President
Pennsylvania American Water
852 Wesley Drive
Mechanicsburg, PA 17055

<https://www.amwater.com/paaw/>

NOTICE

**This tariff supplement increases the Distribution System Improvement Charge.
(Refer to pages 2, 4, and 18.1.)**

LIST OF CHANGES

This tariff supplement increases the Wastewater Distribution System Improvement Charge (DSIC) on page 18.1 (25th Revision) of the Company's tariff from 0.00% to 0.04%, effective April 1, 2024, in accordance with the Pennsylvania Public Utility Commission Order at Docket No. P-2014-2431005.

PENNSYLVANIA-AMERICAN WATER COMPANY

TABLE OF CONTENTS

	<u>Page</u>		
	<u>Number</u>		
Title Page	1	Supplement No. 50	(C)
List of Changes.....	2	Forty-First Revised Page	(C)
List of Changes (cont'd).....	3	First Revised Page	
Table of Contents	4	Forty-first Revised Page	(C)
Table of Contents (cont'd).....	5	Eighth Revised Page	
Table of Contents (cont'd).....	6	Thirteenth Revised Page	
Table of Contents (cont'd).....	7	Sixth Revised Page	
List of Territories Served.....	8	Seventeenth Revised Page	
List of Territories Served (cont'd).....	9	Fifth Revised Page	
Reserved Page for Future Use	10	First Revised Page	
 <u>Schedule of Rates</u>			
Rate Zone 1 – Metered and Unmetered	11.1	Seventh Revised Page	
Rate Zone 1 – Metered and Unmetered	11.2	Sixth Revised Page	
Rate Zone 2 – Metered (New Cumberland).....	11.3	Fifth Revised Page	
Rate Zone 3 – Metered and Unmetered (Scranton).....	11.4	Fourth Revised Page	
Rate Zone 4 – Metered and Unmetered (Kane)	11.5	Fourth Revised Page	
Rate Zone 5 – Metered and Unmetered (Valley).....	11.6	Fourth Revised Page	
Rate Zone 6 – Metered and Unmetered (McKeesport).....	11.7	Fourth Revised Page	
Rate Zone 6 – Metered and Unmetered (McKeesport)	11.8	Fourth Revised Page	
Rate Zone 7 – Metered (York)	11.9	Fourth Revised Page	
Rate Zone 8 – Unmetered (Foster).....	11.10	Fourth Revised Page	
Rate Zone 9 – Metered and Unmetered (Royersford)	11.11	Fourth Revised Page	
Reserved Page for Future Use	11.12	Fifth Revised Page	
Reserved Page for Future Use	11.13	Third Revised Page	
Reserved Page for Future Use	11.14	First Revised Page	
Reserved Page for Future Use	11.15	First Revised Page	
Reserved Page for Future Use	11.16	First Revised Page	
Miscellaneous Fees and Charges.....	12	Third Revised Page	
Miscellaneous Fees and Charges (cont'd)	13	Third Revised Page	
Miscellaneous Fees and Charges (cont'd)	14	First Revised Page	
Miscellaneous Fees and Charges (cont'd)	15	Sixth Revised Page	
Miscellaneous Fees and Charges (cont'd)	15.1	First Revised Page	
Low-Income Rider – All Rate Zones – Residential.....	16	Fifth Revised Page	
State Tax Adjustment Surcharge (STAS)	17	Second Revised Page	
Distribution System Improvement Charge (DSIC)	18.1	Twenty-fifth Revised Page	(I)
DSIC (cont'd).....	18.2	First Revised Page	
DSIC (cont'd).....	18.3	Second Revised Page	
DSIC (cont'd).....	18.4	First Revised Page	
Reserved Page for Future Use	19	Sixth Revised Page	

(C) means Change and (I) means Increase

SCHEDULE OF RATES

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE

In addition to the net charges provided for in this Tariff, a charge of **0.04%** will apply to bills rendered **(I)** on or after the Effective Date shown on the bottom of this page.

This charge applies to all Rate Zones

The above charge will be recomputed quarterly using the elements prescribed by the Commission as shown on pages 18.2, 18.3 and 18.4 of this tariff.

(I) means Increase

WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE

PA AMERICAN WATER

April 1, 2024

Applicable to :

All Rate Zones

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 1

DESCRIPTION	SURCHARGE EFFECTIVE April 1, 2024
APPLICABLE NET ADDITIONS	\$2,089,493
LESS:	
ACCUMULATED DEPRECIATION	(14,586)
ACCUMULATED DEFERRED INCOME TAX	(116,919)
RETIREMENTS	1,343,849
NET RATE BASE INCLUDED IN DISTRIBUTION SYSTEM IMPROVEMENT CALCULATIONS (DSI)	3,301,837
ANNUAL REVENUE REQUIREMENT RATE	9.57%
QUARTERLY REVENUE REQUIREMENT RATE (PTRR)	2.39%
QUARTERLY CAPITAL COST RECOVERY (DSI X PTRR)	78,914
QUARTERLY DEPRECIATION EXPENSE (DEP)	14,586
QUARTERLY STATE INCOME TAX FLOW THROUGH DEDUCTION (STFT)	58
REVENUE REQUIREMENT PRIOR TO ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	93,558
ANNUAL RECONCILIATION (e)	(80,744)
RECONCILIATION OF PRIOR YEAR E FACTOR	0
REVENUE REQUIREMENT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	(80,744)
TOTAL QUARTERLY DISTRIBUTION SYSTEM IMPROVEMENT CHARGE REVENUE REQUIREMENT	12,814
MONTHLY RECOVERABLE AMOUNT FOR REVENUE REQUIREMENT	31,186
MONTHLY RECOVERABLE AMOUNT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	(26,915)
BASE RATE REVENUE TO BE COLLECTED DURING APRIL THROUGH JUNE (PQR)	37,705,649
CURRENT YEAR DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	0.25%
ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR CHARGE	-0.21%
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)	0.04%

TYPE	AMOUNT (\$000)	CAPITAL STRUCTURE	COST RATE	WEIGHTED AVERAGE COST RATE	REVENUE MULTIPLIER	REVENUE REQUIREMENT
DEBT	\$2,350,106	41.83%	4.33%	1.81%		1.81%
PREFERRED	452	0.01%	9.71%	0.00%	1.38326	0.00%
EQUITY	3,267,783	58.16%	9.65%	5.61%	1.38326	7.76%
TOTAL	\$5,618,341	100.00%		7.42%		9.57%

REVENUE MULTIPLIER BASED UPON CURRENTLY EFFECTIVE TAX RATES USED IN COMPANY'S MOST RECENT RATE FILING. EQUITY COST RATE TAKEN FROM COMMISSION'S MOST RECENT QUARTERLY EARNINGS REPORT. DEBT AND PREFERRED COST RATES AND CAPITAL STRUCTURE BASED UPON INFORMATION AS OF: February 29, 2024. PREFERRED STOCK AND DEBT FIGURES DO NOT REFLECT THE REQUIREMENTS OF FAS150.

ANTICIPATED REVENUES

APRIL 2024	\$12,264,570
MAY	\$12,696,577
JUNE	\$12,744,502
TOTAL	<u>\$37,705,649</u>

**PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 2**

STATE ACCOUNT	DESCRIPTION	JANUARY 2024	FEBRUARY 2024	TOTAL
360000	Mains - Force	\$243,012	\$407,591	\$650,603
361100	Mains - Gravity	1,073,840	796,464	1,870,304
361200	Manholes	38,302	420,688	458,990
363000	Service Laterals	153,687	299,758	453,445
364000	Flow Measuring Devices			-
365000	Flow Measuring Installs			-
	ADDITIONS	1,508,841	1,924,501	3,433,342
	RETIREMENTS	(1,143,570)	(200,278)	(1,343,849)
	NET ADDITIONS	\$365,271	\$1,724,223	\$2,089,493

RETIREMENTS	JANUARY 2024	FEBRUARY 2024	TOTAL
360000	\$8,304	\$0	\$8,304
361100	1,135,004	63,793	1,198,797
361200	-	130,809	130,809
363000	262	5,677	5,940
364000	-	-	-
365000			-
	\$1,143,570	\$200,278	\$1,343,849

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 3

STATE ACCOUNT	DESCRIPTION	DEPRECIATION RATE	JANUARY 2024	FEBRUARY 2024	TOTAL
360000	Mains - Force	1.66%	\$1,008	\$1,692	\$2,700
361100	Mains Gravity	1.41%	3,785	2,808	6,593
361200	Manholes	2.34%	224	2,461	2,685
363000	Service Laterals	2.30%	884	1,724	2,608
364000	Flow Measuring Devices	8.45%	0	0	0
365000	Flow Measuring Installs	3.85%	0	0	0
	APPLICABLE DEPRECIATION				
	FIRST QTR 2024		5,901	8,685	14,586
	ACCUMULATED DEPRECIATION		\$5,901	\$8,685	\$14,586

**PENNSYLVANIA AMERICAN WATER - WASTEWATER OPERATIONS
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
ACCUMULATED DEFERRED INCOME TAXES
PAGE 4**

Q1 Eff April 2024	
JAN 2024	FEB 2024

Investment - Repair Eligible				
Mains - Force			243,012	407,591
Mains - Gravity			1,073,840	796,464
Manholes			38,302	420,688
Laterals			153,687	299,758
Total			1,508,841	1,924,501
Repair Eligible Percentage 1st Year	75.76%		75.76%	75.76%
Tax Repair Deduction			1,143,098	1,458,002
Remaining Basis			365,743	466,499
Investment - Non Repair Eligible			-	-
Basis Subject to Tax Depreciation			365,743	466,499
1st Year Tax Depreciation Rate	2.00%		2.00%	2.00%
1st Year Tax Depreciation Deduction			7,315	9,330
Tax Repair Deduction	Jan	190,516	95,258	95,258
Tax Repair Deduction	Feb	243,000		243,000
Tax Depr	Jan	1,219	610	610
Tax Depr	Feb	1,555		1,555
Total Tax Repair Deduction			95,258	338,258
Total Tax Depreciation Deduction - Non Repair Eligible Property			610	2,165
Total			95,868	340,423
Total Book Depreciation - Repair Eligible Property			4,471	6,580
Total Book Depreciation - Non Repair Eligible Property			1,430	2,105
Total			5,901	8,685
Difference (tax over book)				
Repair Eligible Deduction			90,788	331,679
Non Repair Eligible Deduction			(821)	59
Total			89,967	331,738
Rate Base Deduction - Normalization				
Effective Rate	State Tax Rate	8.49%	8.49%	8.49%
	State Deferred Taxes (Repairs Eligible Property Only)		7,708	28,160
	Cumulative State Deduction		7,708	35,867
	Less: State NOL offset		-	-
	Net State Cumulative ADIT Deduction		7,708	35,867
	Federal Tax Rate of 21% times (1-State Tax Rate)	19.22%	19.22%	19.22%
	Federal Deferred Taxes		17,292	63,760
	Cumulative Fed Deduction		17,292	81,052
	Less: Fed NOL offset			
	Net Fed Cumulative ADIT Deduction		17,292	81,052
Net Cumulative Fed & State ADIT Reduction to Rate Base			24,999	116,919

**PENNSYLVANIA AMERICAN WATER - WASTEWATER OPERATIONS
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
STATE INCOME TAX - FLOW THROUGH DEDUCTION
PAGE 5**

	Q1 Eff April 2024	
	JAN 2024	FEB 2024
Total Tax Depreciation Deduction - Non Repair Eligible Property	610	2,165
Total Book Depreciation - Non Repair Eligible Property	1,430	2,105
Tax over Book	(821)	59
State Income Tax %	8.49%	8.49%
State Income Tax Flow Through Deduction	(70)	5
Gross Up Monthly State Income Tax Flow Through Deduction	(63)	5
Gross Up Quarterly State Income Tax Flow Through Deduction		(58)

Pennsylvania-American Water Company - Total
Schedule of Debt
February 29, 2024

Date of Issue	Date of Maturity	Amount Issued	Amount Outstanding	Coupon Rate	Annual Interest	Note #	Issuance Expense	Net Proceeds	Net Proceeds Ratio	Sinking	Percent to Total	Effective Cost Rate (1)	Weighted Cost Rate
										Requirement			
Bonds and Notes													
11/1/2003	11/1/2033	\$38,000,000	\$38,000,000	6.780%	\$2,576,400		\$174,946	\$37,825,054	99.54%		1.62%	6.82%	0.110%
9/1/2006	9/1/2026	150,000,000	150,000,000	7.800%	11,700,000		2,069,648	147,930,352	98.62%		6.38%	7.94%	0.507%
11/1/2004	11/1/2031	10,000,000	10,000,000	8.820%	882,000		88,352	9,911,648	99.12%		0.43%	8.91%	0.038%
8/1/2004	8/1/2025	10,000,000	10,000,000	8.150%	815,000		60,119	9,939,881	99.40%		0.43%	8.21%	0.035%
12/21/2012	12/1/2042	23,015,000	23,015,000	4.300%	989,645	1	895,945	22,119,055	96.11%		0.98%	4.54%	0.044%
12/17/2012	12/1/2042	45,000,000	45,000,000	4.300%	1,935,000	2	582,889	44,417,311	98.71%		1.91%	4.38%	0.084%
11/21/2011	10/15/2037	35,000,000	35,000,000	5.050%	1,767,500		0	35,000,000	100.00%		1.49%	5.05%	0.075%
11/21/2011	10/15/2037	15,500,000	15,500,000	5.050%	782,750		740,260	14,759,740	95.22%		0.66%	5.39%	0.036%
11/20/2013	3/1/2024	67,000,000	67,000,000	3.850%	2,579,500		791,901	66,208,099	98.82%		2.85%	3.99%	0.114%
8/14/2014	3/1/2025	36,200,000	36,200,000	3.400%	1,230,800		1,189,364	35,010,636	96.71%		1.54%	3.78%	0.058%
8/14/2014	12/1/2042	65,700,000	65,700,000	4.300%	2,825,100		4,432,879	61,267,121	93.25%		2.80%	4.74%	0.133%
8/10/2017	9/1/2047	240,000,000	240,000,000	3.750%	9,000,000		3,231,905	236,768,095	98.65%		10.21%	3.83%	0.391%
9/13/2017	9/1/2027	101,426,171	101,426,171	2.950%	2,992,072	3	11,291,519	90,134,652	88.87%		4.32%	4.34%	0.187%
8/9/2018	9/1/2028	74,739,360	74,739,360	3.750%	2,802,726		623,814	74,115,546	99.17%		3.18%	3.85%	0.122%
8/9/2018	9/1/2048	227,489,000	227,489,000	4.200%	9,554,538		2,490,214	224,998,786	98.91%		9.68%	4.26%	0.412%
9/11/2018	9/1/2028	124,719,875	124,719,875	3.750%	4,676,995	4	8,287,774	116,432,101	93.35%		5.31%	4.59%	0.244%
5/23/2019	6/1/2029	110,000,000	110,000,000	3.450%	3,795,000		1,141,559	108,858,441	98.96%		4.68%	3.57%	0.167%
6/21/2019	4/1/2039	80,000,000	80,000,000	3.000%	2,400,000	5	1,996,698	78,003,302	97.50%		3.40%	3.17%	0.108%
12/12/2019	12/3/2029	80,000,000	80,000,000	2.450%	1,960,000	6	1,907,647	78,092,353	97.62%		3.40%	2.72%	0.093%
12/12/2019	12/3/2029	13,165,000	13,165,000	2.450%	322,543	6	483,935	12,681,065	96.32%		0.56%	2.88%	0.016%
4/14/2020	5/1/2030	30,000,000	30,000,000	2.800%	840,000	26	373,996	29,626,004	98.75%		1.28%	2.94%	0.038%
4/14/2020	5/1/2050	90,000,000	90,000,000	3.450%	3,105,000	27	1,141,788	88,858,212	98.73%		3.83%	3.52%	0.135%
6/14/2021	6/1/2031	47,500,000	47,500,000	2.300%	1,092,500	28	1,798,391	45,701,609	96.21%		2.02%	2.74%	0.055%
5/14/2021	6/1/2051	47,500,000	47,500,000	3.250%	1,543,750	29	641,731	46,858,269	98.65%		2.02%	3.32%	0.067%
5/5/2022	6/1/2032	255,000,000	255,000,000	4.450%	11,347,500	30	2,964,855	252,035,145	98.84%		10.85%	4.59%	0.498%
12/27/2022	5/19/2039	5,000,000	5,000,000	5.140%	257,000	31	1,346	4,998,654	99.97%		0.21%	5.14%	0.011%
12/27/2022	9/1/2048	120,000,000	120,000,000	4.200%	5,040,000	32	1,128,649	118,871,351	99.06%		5.11%	4.26%	0.218%
12/27/2022	10/15/2037	6,000,000	6,000,000	5.050%	303,000	33		6,000,000	100.00%		0.26%	5.05%	0.013%
12/27/2022	10/15/2037	9,000,000	9,000,000	5.060%	455,400	34	117,667	8,882,333	98.69%		0.38%	5.19%	0.020%
12/27/2022	10/15/2037	3,370,000	3,370,000	4.200%	141,540	35		3,370,000	100.00%		0.14%	4.20%	0.006%
12/27/2022	10/15/2037	500,000	500,000	5.060%	25,300	36		500,000	100.00%		0.02%	5.06%	0.001%
12/27/2022	10/15/2037	600,000	600,000	4.750%	28,500	37		600,000	100.00%		0.03%	4.75%	0.001%
8/15/2023	6/15/2026	150,000,000	150,000,000	3.625%	5,437,500	38	2,127,292	147,872,708	98.58%		6.38%	4.16%	0.266%
Pennvest Loans													
7/1/2012	7/1/2024	1,559,205	33,354	2.774%	925	7	13,749	1,545,456	99.12%		0.00%	2.86%	0.000%
7/1/2012	11/1/2024	5,721,348	228,763	1.156%	2,645	8	29,484	5,691,864	99.48%		0.01%	1.20%	0.000%
7/1/2012	12/1/2025	5,670,111	473,429	2.763%	13,081	9	34,130	5,635,981	99.40%		0.02%	2.82%	0.001%
7/1/2012	8/1/2024	5,240,631	161,033	2.774%	4,467	10	7,951	5,232,680	99.85%		0.01%	2.79%	0.000%
7/1/2012	10/1/2024	3,099,441	124,220	2.432%	3,021	11	5,660	3,093,781	99.82%		0.01%	2.45%	0.000%
7/1/2012	9/1/2029	2,359,891	755,534	2.547%	19,243	12	0	2,359,891	100.00%		0.03%	2.55%	0.001%
7/1/2012	2/1/2031	12,150,000	4,861,271	2.690%	130,768	13	0	12,150,000	100.00%		0.21%	2.69%	0.006%
7/1/2012	10/1/2032	9,936,500	5,027,521	3.117%	156,708	14	0	9,936,500	100.00%		0.21%	3.12%	0.007%
7/1/2012	12/1/2031	1,606,709	736,297	3.098%	22,810	15	0	1,606,709	100.00%		0.03%	3.10%	0.001%
7/1/2012	3/1/2041	1,724,610	1,081,180	1.000%	10,812	16	0	1,724,610	100.00%		0.05%	1.00%	0.000%
7/1/2012	4/1/2031	1,675,790	799,080	2.810%	22,454	17	0	1,675,790	100.00%		0.03%	2.81%	0.001%
7/1/2012	3/1/2032	1,273,465	508,001	2.690%	13,665	18	0	1,273,465	100.00%		0.02%	2.69%	0.001%
3/22/2013	3/1/2033	1,378,357	665,922	2.196%	14,624	19	0	1,378,357	100.00%		0.03%	2.20%	0.001%
4/1/2015	2/1/2037	16,892,338	10,389,315	1.000%	103,893	20	0	16,892,338	100.00%		0.44%	1.00%	0.004%
10/15/2015	7/1/2040	123,663	85,392	1.000%	854	21	0	123,663	100.00%		0.00%	1.00%	0.000%
10/15/2015	7/1/2040	969,823	669,684	1.000%	6,697	22	0	969,823	100.00%		0.03%	1.00%	0.000%
4/21/2016	5/1/2037	4,152,000	2,800,976	1.985%	55,599	23	0	4,152,000	100.00%		0.12%	1.98%	0.002%
12/29/2016	11/1/2037	7,951,445	5,330,734	1.000%	53,307	24	0	7,951,445	100.00%		0.23%	1.00%	0.002%
6/14/2017	11/1/2036	5,937,613	3,950,267	2.027%	80,072	25	0	5,937,613	100.00%		0.17%	2.03%	0.003%
		\$2,400,847,347	\$2,350,106,381			\$95,920,204	\$52,867,856	\$2,347,979,492		\$0	100.00%		4.33%

Pennsylvania-American Water Company - Total
Schedule of Debt
February 29, 2024

Notes to Debt Schedule

- (1) Re-issuance 12/21/12 from Parent at a coupon rate of 4.30% for 30 years
- (2) New unsecured borrowing at a coupon rate of 4.30% for 30 years
- (3) Issuances costs included make whole premium of \$10M
- (4) Issuances costs included make whole premium of \$7.2M
- (5) Refinanced June 2019 at a lower rate for the remaining term of the bond
- (6) Refinanced Dec 2019 at a lower rate for the remaining term of the bond
- (7) Farmington Twp., Interest rate 1.387% for first 70 months and 2.774% (07/2009) for remainder
- (8) Sandy Ridge, Interest rate 1.000% for first 60 months and 1.156% (07/2010) for remainder
- (9) Sligo/Shippensburg, Interest rate 1.385% for first 86 months and 2.763% (06/2013) for remainder
- (10) Ellwood/Butler Interconnect, Interest rate 1.387% for first 74 months and 2.774% (08/2009) for remainder
- (11) Mahoning & Union Twp, Interest rate 1.305% for first 82 months and 2.432% (10/2009) for remainder
- (12) Hanover & Collier 1.274% first 2009 - 2014 and 2.547% starting Oct 2014
- (13) Mount Pleasant Water System Extension 1.559% first 2011 - 2016 and 2.69% starting March 2016
- (14) Rock Run WTP 2.414% first 2011 - 2016 and 3.117% starting Dec 2017
- (15) Silver Spring Clearwell 2.376% first 2012 - 2016 and 3.098% starting Jan 2017
- (16) Wallaceton Municipal Authority 1.00% for 30 years starting March 2012
- (17) Pittsburgh Meter Improvements 1.799% first 2012 - 2017 and 2.81% starting April 2017
- (18) Pittsburgh Meter Improvement Project Phase II 1.559% first 60 months and 2.69% starting May 2016
- (19) Southwest PA Pipeline Exts Phase II - Interest 1.591% first 5 years - 2.196% starting April 2018
- (20) Clarion WW Act 537 Implementation Project - Interest rate is 1.0% for the life of the loan
- (21) Paint Twp #1 - Interest rate is 1% for the remaining life of the Bond
- (22) Paint Twp #2 - Interest rate is 1% for the remaining life of the Bond
- (23) Fairview Water Main Extension - Interest rate is 1.356% for the first 5 years, 1.985% June 2022 for remaining 5 years
- (24) Debt assumed as part of Scranton Sewer acquisition
- (25) Washington County Main Extension Project - Interest rate is 1.439% until Oct 2021 - 2.027% for the remaining term
- (26) New unsecured borrowing at a coupon rate of 2.80% for 10 years
- (27) New unsecured borrowing at a coupon rate of 3.45% for 30 years
- (28) Issuance costs include make whole premium of \$1.2M
- (29) New unsecured borrowing at a coupon rate of 3.25% for 30 years
- (30) New unsecured borrowing at a coupon rate of 4.45% for 10 years
- (31) New unsecured borrowing at a coupon rate of 5.14% for 17 years
- (32) New unsecured borrowing at a coupon rate of 4.20% for 26 years
- (33) New unsecured borrowing at a coupon rate of 5.05% for 15 years
- (34) New unsecured borrowing at a coupon rate of 5.06% for 15 years
- (35) New unsecured borrowing at a coupon rate of 4.20% for 15 years
- (36) New unsecured borrowing at a coupon rate of 5.06% for 15 years
- (37) New unsecured borrowing at a coupon rate of 4.75% for 15 years
- (38) New unsecured borrowing at a coupon rate of 3.625% for 3 years

PENNSYLVANIA AMERICAN WATER COMPANY
SCHEDULE OF PREFERRED STOCK
February 29, 2024

Date of Issue	Date of Maturity	Shares Issued	Shares Outstanding	Amount Issued	Amount Outstanding	Issuance Expense	Net Proceeds	Dividend Rate	Sinking Requirement	Percent to Total	Effective Cost Rate (1)	Weighted Cost Rate
4/23/1971	---	3,000	1,780	\$300,000	\$178,000	\$5,473	\$294,527	9.75%		39.42%	9.96%	3.93%
4/23/1971	---	4,250	2,735	425,000	273,500	7,275	417,725	9.35%		60.58%	9.54%	5.78%
		7,250	4,515	\$725,000	\$451,500	\$12,748	\$712,252			100.00%		9.71%

PENNSYLVANIA AMERICAN WATER COMPANY
 2024 FORECASTED WASTEWATER REVENUES
 NO DSIC OR STAS

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
RES	8,567,778	7,863,322	8,343,293	8,075,515	8,638,827	8,612,310	8,699,053	8,604,635	8,131,420	8,139,497	7,983,211	8,311,719	99,970,580
COM	2,609,412	2,554,838	2,833,352	2,789,719	2,921,804	2,895,870	2,988,828	3,042,207	2,946,305	3,003,085	2,773,284	2,728,878	34,087,581
IND	360,784	343,909	348,548	352,785	375,596	363,971	388,119	406,564	411,788	400,921	379,388	396,318	4,528,692
PUB AUTH	174,918	179,250	195,759	194,594	193,044	182,410	196,977	209,532	215,082	217,359	195,226	174,213	2,328,365
BULK	619,237	646,724	705,322	851,956	567,305	689,941	768,119	724,860	661,520	639,217	497,548	600,615	7,972,367
	12,332,128	11,588,043	12,426,274 36,346,446	12,264,570	12,696,577	12,744,502 37,705,649	13,041,096	12,987,798	12,366,115 38,395,009	12,400,079	11,828,658	12,211,744 36,440,481	148,887,585 148,887,585

PENNSYLVANIA AMERICAN WATER COMPANY
QUALIFYING WASTEWATER DSIC EXPENDITURES
TRANSFERRED AMOUNTS
January - February 2024

WORK ORDER	STATE ACCOUNT	WBS ELEMENT (WORK ORDER)	JANUARY 2024	FEBRUARY 2024
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.22-P-0007		\$77
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.22-P-0008	\$17	
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.23-P-0077		73
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.23-P-0078		67
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.23-P-0082	42,077	35,141
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.23-P-0084	7,192	5,926
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.23-P-0095	37,194	
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.23-P-0105	3,608	
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.23-P-0108	5,560	
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.24-P-0031		43,610
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.24-P-0043	5,839	7,781
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.24-P-0052		1,807
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.24-P-0058	4,119	
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.24-P-0061	10,097	
REPLACE COLLECTION MAINS - FORCE	360000	R24-12B1.24-P-0087	9,174	(9,174)
REPLACE COLLECTION MAINS - FORCE	360000	R24-19B1.22-P-0002	(2,469)	
REPLACE COLLECTION MAINS - FORCE	360000	R24-19B1.23-P-0005	35,055	
REPLACE COLLECTION MAINS - FORCE	360000	R24-19B1.23-P-0006		296,388
REPLACE COLLECTION MAINS - FORCE	360000	R24-19B1.23-P-0007	158	(183)
REPLACE COLLECTION MAINS - FORCE	360000	R24-19B1.24-P-0004		190,618
REPLACE COLLECTION MAINS - FORCE	360000	R24-26B1.23-P-0002	6,460	293
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0002		49
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.22-P-0002	36,472	22,280
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.20-P-0006	25,884	(90,179)
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.20-P-0007		(37,177)
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.21-P-0002		(40,802)
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.21-P-0003	16,578	(18,994)
REPLACE COLLECTION MAINS - FORCE	360000	R24-67C1.22-P-0001	(3)	(10)
TOTAL - REPLACE COLLECTION MAINS - FORCE			\$243,012	\$407,591
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.23-P-0005	\$8,563	\$16,095
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.23-P-0014		6,235
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.23-P-0050	58,232	16,437
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.23-P-0051	58,232	17,760
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.23-P-0058	5,027	(231)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.23-P-0081	3,034	126
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.24-P-0027		1,541
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.24-P-0028		124
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.24-P-0044	7,661	(478)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12C1.24-P-0001	4,284	21,277
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-13C1.23-P-0001	(346)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-13C1.24-P-0001	23,311	11,845
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-13F1.23-P-0001	(31)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-13F1.24-P-0001	1,981	2,920
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-17C1.24-P-0001		182
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-17F1.23-P-0001	(33)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-17F1.24-P-0001		339
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-18C1.24-P-0001	497	736
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-19B1.23-P-0002		618
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-47B1.20-P-0006	164	5,299
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-60C1.24-P-0001		8,858
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.23-P-0005	1,684	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.24-P-0003		75,321
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.24-P-0006		39,420
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.24-P-0007		53,198
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.24-P-0008		52,727
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67C1.22-P-0001	728	(311)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67C1.23-P-0001	22,834	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67C1.24-P-0001	7,378	15,803
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67F1.23-P-0001	4,496	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67H1.23-P-0001	(11,273)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-69C1.24-P-0001	6,364	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87C1.24-P-0001		7,855
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87H1.24-P-0001		4,711
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-89B1.23-P-0002		(5)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-89F1.23-P-0001		(6)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0005		90
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0009		251
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.23-P-0012	(71)	118
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.23-P-0023		479
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.23-P-0029	231,603	666
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.23-P-0030	129,816	102
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.23-P-0031	1,097	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.23-P-0032	95,057	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.23-P-0033		123
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.23-P-0034	315	(124)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.23-P-0035	84	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.23-P-0041	486	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.23-P-0046	104,137	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.24-P-0007		741

PENNSYLVANIA AMERICAN WATER COMPANY
QUALIFYING WASTEWATER DSIC EXPENDITURES
TRANSFERRED AMOUNTS
January - February 2024

WORK ORDER	STATE ACCOUNT	WBS ELEMENT (WORK ORDER)	JANUARY 2024	FEBRUARY 2024
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.24-P-0008	9,661	286
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92C1.23-P-0001	97,225	43,816
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92C1.24-P-0001	47,879	297,485
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92F1.21-P-0001	495	(308)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92F1.23-P-0001	139,718	1,519
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92F1.24-P-0001	14,832	54,653
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-94C1.23-P-0001	(1,281)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-94C1.24-P-0001		30,532
TOTAL COLLECTION MAINS			\$1,073,840	\$796,464
REPLACE MANHOLES	361200	R24-12B1.23-P-0077		\$26
REPLACE MANHOLES	361200	R24-12B1.23-P-0078		35
REPLACE MANHOLES	361200	R24-12B1.23-P-0081	\$1,517	63
REPLACE MANHOLES	361200	R24-12B1.23-P-0105	18	
REPLACE MANHOLES	361200	R24-12B1.23-P-0108	19	
REPLACE MANHOLES	361200	R24-12F1.20-P-0001		178
REPLACE MANHOLES	361200	R24-12F1.23-P-0002	2,378	
REPLACE MANHOLES	361200	R24-12F1.24-P-0001	1,192	6,950
REPLACE MANHOLES	361200	R24-13F1.23-P-0001	(29)	
REPLACE MANHOLES	361200	R24-19F1.23-P-0003		52,542
REPLACE MANHOLES	361200	R24-19F1.24-P-0001		2,923
REPLACE MANHOLES	361200	R24-47B1.20-P-0006	2,625	84,880
REPLACE MANHOLES	361200	R24-47B1.20-P-0007		26,494
REPLACE MANHOLES	361200	R24-47B1.21-P-0002		29,946
REPLACE MANHOLES	361200	R24-47B1.21-P-0003	150	4,749
REPLACE MANHOLES	361200	R24-47F1.24-P-0001		4,177
REPLACE MANHOLES	361200	R24-67B1.24-P-0003		3,035
REPLACE MANHOLES	361200	R24-67B1.24-P-0006		2,389
REPLACE MANHOLES	361200	R24-67B1.24-P-0008		4,407
REPLACE MANHOLES	361200	R24-67F1.23-P-0001	4,094	
REPLACE MANHOLES	361200	R24-89F1.23-P-0001		6
REPLACE MANHOLES	361200	R24-92C1.23-P-0001	(93,473)	
REPLACE MANHOLES	361200	R24-92F1.23-P-0001	119,811	
REPLACE MANHOLES	361200	R24-92F1.24-P-0001		197,888
TOTAL SERVICE LATERALS			\$38,302	\$420,688
REPLACE SERVICE LATERALS	363000	R24-13H1.23-P-0001	(\$254)	
REPLACE SERVICE LATERALS	363000	R24-13H1.24-P-0001		\$2,491
REPLACE SERVICE LATERALS	363000	R24-17H1.23-P-0001	55	
REPLACE SERVICE LATERALS	363000	R24-18H1.23-P-0001	1,238	
REPLACE SERVICE LATERALS	363000	R24-19B1.23-P-0007	79	(92)
REPLACE SERVICE LATERALS	363000	R24-19H1.23-P-0001	15,298	
REPLACE SERVICE LATERALS	363000	R24-19H1.24-P-0001		16,667
REPLACE SERVICE LATERALS	363000	R24-47B1.20-P-0007		10,683
REPLACE SERVICE LATERALS	363000	R24-47B1.21-P-0002		10,856
REPLACE SERVICE LATERALS	363000	R24-47B1.21-P-0003	449	14,246
REPLACE SERVICE LATERALS	363000	R24-47H1.23-P-0001	221	
REPLACE SERVICE LATERALS	363000	R24-58H1.24-P-0001	5,843	(434)
REPLACE SERVICE LATERALS	363000	R24-67B1.24-P-0003		1,012
REPLACE SERVICE LATERALS	363000	R24-67B1.24-P-0006		1,194
REPLACE SERVICE LATERALS	363000	R24-67B1.24-P-0008		1,102
REPLACE SERVICE LATERALS	363000	R24-67H1.23-P-0001	(11,273)	33,040
REPLACE SERVICE LATERALS	363000	R24-69H1.23-P-0001	28	
REPLACE SERVICE LATERALS	363000	R24-69H1.24-P-0001	52,210	64,440
REPLACE SERVICE LATERALS	363000	R24-92H1.23-P-0001	(5,718)	8,941
REPLACE SERVICE LATERALS	363000	R24-92H1.24-P-0001	91,016	135,612
REPLACE SERVICE LATERALS	363000	R24-94H1.23-P-0001	4,495	
TOTAL SERVICE LATERALS			\$153,687	\$299,758
TOTAL DSIC EXPENDITURES			\$1,508,841	\$1,924,501