



Teresa K. Harrold
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VIA e-Filing

September 20, 2022

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 October 1, 2022**

Dear Secretary Chiavetta:

Attached please find Supplement No. 40 to Tariff Wastewater PA P.U.C. No. 16 for Pennsylvania-American Water Company ("Company") which bears the issue date of September 20, 2022, filed in accordance with the Pennsylvania Public Utility Commission Order at Docket No. P-2014-2431005, entered December 4, 2014, and accompanying Wastewater Distribution System Improvement Charge report.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Teresa Harrold".

Teresa K. Harrold

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Attachments

cc. Office of Consumer Advocate w/Attachments
Bureau of Investigation and Enforcement w/Attachments
Office of Small Business Advocate w/Attachments
Bureau of Technical Utility Services w/Attachments
Marissa Boyle (Bureau of Technical Utility Services) w/Attachments
Audit Bureau w/Attachments

**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, MCKEAN COUNTY, MONROE COUNTY, MONTGOMERY COUNTY,
NORTHUMBERLAND COUNTY, PIKE COUNTY, WASHINGTON COUNTY AND YORK
COUNTY

ALL IN THE COMMONWEALTH OF PENNSYLVANIA

Issued: September 20, 2022

Effective: October 1, 2022

Issued by:
F. Michael Doran, 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 1, 2, 4, and 18.1)**

LIST OF CHANGES

This tariff supplement increases the Wastewater Distribution System Improvement Charge (DSIC) on page 18.1 (19th Revision) of the Company's tariff from 1.17% to 2.31 %, effective October 1, 2022, 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. 40 (C)
List of Changes.....	2	Thirty-second Revised Page (C)
List of Changes (cont'd).....	3	First Revised Page
Table of Contents	4	Thirty-second Revised Page (C)
Table of Contents (cont'd).....	5	Sixth Revised Page
Table of Contents (cont'd).....	6	Eleventh Revised Page
Table of Contents (cont'd).....	7	Fourth Revised Page
List of Territories Served.....	8	Fifteenth Revised Page
List of Territories Served (cont'd).....	9	Third Revised Page
Reserved Page for Future Use	10	First Revised Page
 <u>Schedule of Rates</u>		
Rate Zone 1 – Metered and Unmetered.....	11.1	Fifth Revised Page
Rate Zone 1 – Metered and Unmetered	11.2	Third Revised Page
Rate Zone 2 – Metered (New Cumberland)	11.3	Third Revised Page
Rate Zone 3 – Metered and Unmetered (Scranton)	11.4	Third Revised Page
Rate Zone 4 – Metered and Unmetered (Kane)	11.5	Second Revised Page
Rate Zone 5 – Metered and Unmetered (Franklin).....	11.6	Second Revised Page
Rate Zone 6 – Metered and Unmetered (McKeesport)....	11.7	Second Revised Page
Rate Zone 6 – Metered and Unmetered (McKeesport)	11.8	Second Revised Page
Rate Zone 7 – Metered and Unmetered (Sadsbury).....	11.9	Second Revised Page
Rate Zone 8 – Metered and Unmetered (Turbotville)	11.10	Second Revised Page
Rate Zone 9 – Metered and Unmetered (Exeter)	11.11	Second Revised Page
Rate Zone 10 – Metered and Unmetered (Royersford) ...	11.12	Third Revised Page
Rate Zone 11 – Metered and Unmetered (Valley)	11.13	First Revised Page
Rate Zone 12 – Metered (York)	11.14	Original Page
Rate Zone 13 – Metered & Unmetered (Upper Pottsgrove)..	11.15	Original Page
Miscellaneous Fees and Charges	12	First Revised Page
Miscellaneous Fees and Charges (cont'd).....	13	First Revised Page
Miscellaneous Fees and Charges (cont'd).....	14	First Revised Page
Miscellaneous Fees and Charges (cont'd).....	15	Fifth Revised Page
Miscellaneous Fees and Charges (cont'd).....	15.1	Original Page
Low-Income Rider – All Rate Zones – Residential	16	Third Revised Page
State Tax Adjustment Surcharge (STAS).....	17	First Revised Page
Distribution System Improvement Charge (DSIC)	18.1	Nineteenth Revised Page (I)
DSIC (cont'd).....	18.2	First Revised Page
DSIC (cont'd).....	18.3	First Revised Page
DSIC (cont'd).....	18.4	First Revised Page
Recoupment Surcharge	19	Fourth 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 2.31% will apply to bills rendered (I) on or after the Effective Date shown on the bottom of this page.

This Charge will be applicable to:

All Rate Zones except Rate Zone 4 – Kane, Rate Zone 7 – Sadsbury, Rate Zone 8 – Turbotville, Rate Zone 9 – Exeter, Rate Zone 10 – Royersford, Rate Zone 11 – Valley, Rate Zone 12 – York and Rate Zone 13 – Upper Pottsgrove.

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

October 1, 2022

Applicable to :

All Rate Zones except Rate Zone 4-Kane, Rate Zone 7-Sadsbury, Rate Zone 8-Turbotville, Rate Zone 9-Exeter, Rate Zone 10-Royersford, Rate Zone 11-Valley, Rate Zone 12-York and Rate Zone 13-Upper Pottsgrove.

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 1

DESCRIPTION	SURCHARGE EFFECTIVE October 1, 2022
APPLICABLE NET ADDITIONS	\$7,745,263
LESS:	
ACCUMULATED DEPRECIATION	(103,690)
RETIREMENTS	7,616,970
NET RATE BASE INCLUDED IN DISTRIBUTION SYSTEM IMPROVEMENT CALCULATIONS	(DSI) 15,258,543
ANNUAL REVENUE REQUIREMENT RATE	9.55%
QUARTERLY REVENUE REQUIREMENT RATE	(PTRR) 2.39%
QUARTERLY CAPITAL COST RECOVERY	(DSI X PTRR) 364,679
QUARTERLY DEPRECIATION EXPENSE	(DEP) 58,617
REVENUE REQUIREMENT PRIOR TO ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	423,296
ANNUAL RECONCILIATION	(e) 0
RECONCILIATION OF PRIOR YEAR E FACTOR	0
REVENUE REQUIREMENT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	0
TOTAL QUARTERLY DISTRIBUTION SYSTEM IMPROVEMENT CHARGE REVENUE REQUIREMENT	423,296
MONTHLY RECOVERABLE AMOUNT FOR REVENUE REQUIREMENT	141,099
MONTHLY RECOVERABLE AMOUNT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	0
BASE RATE REVENUE TO BE COLLECTED DURING OCTOBER THROUGH DECEMBER	(PQR) 18,296,888
CURRENT YEAR DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	2.31%
ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR CHARGE	0.00%
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	(DSIC) 2.31%

TYPE	AMOUNT (\$000)	CAPITAL STRUCTURE	COST RATE	WEIGHTED AVERAGE COST RATE	REVENUE MULTIPLIER	REVENUE REQUIREMENT
DEBT	\$2,062,219	44.67%	4.33%	1.93%		1.93%
PREFERRED	452	0.01%	9.71%	0.00%	1.40631	0.00%
EQUITY	2,554,089	55.32%	9.80%	5.42%	1.40631	7.62%
TOTAL	\$4,616,760	100.00%		7.35%		9.55%

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: August 31, 2022. PREFERRED STOCK AND DEBT FIGURES DO NOT REFLECT THE REQUIREMENTS OF FAS150.

ANTICIPATED REVENUES

October 2022	\$6,205,689
November	\$5,994,759
December	\$6,096,441
TOTAL	<u>\$18,296,888</u>

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 2

STATE ACCOUNT	DESCRIPTION	JANUARY 2022	FEBRUARY 2022	MARCH 2022	APRIL 2022	MAY 2022	JUNE 2022	JULY 2022	AUGUST 2022	TOTAL
360000	Mains - Force	\$3,992	\$770,525	\$131,161	\$198,626	\$279,573	\$99,751	\$417,597	\$80,847	\$1,982,072
361100	Mains - Gravity	345,468	120,080	555,921	239,486	3,079,566	2,331,025	1,164,548	2,483,018	10,319,112
361200	Manholes	25,227	1,456,046	116,142	14,555	7,191	137,465	136,693	103,175	1,996,494
363000	Service Laterals	33,845	161,357	246,108	89,523	200,856	150,766	106,939	75,161	1,064,555
364000	Flow Measuring Devices									-
365000	Flow Measuring Installs									-
	ADDITIONS	408,532	2,508,008	1,049,332	542,190	3,567,186	2,719,007	1,825,777	2,742,201	15,362,233
	RETIREMENTS	(334,410)	(139,678)	(3,706,496)	(428,391)	(527,190)	(632,593)	(1,024,822)	(823,390)	(7,616,970)
	NET ADDITIONS	\$74,122	\$2,368,330	(\$2,657,164)	\$113,799	\$3,039,996	\$2,086,414	\$800,955	\$1,918,811	\$7,745,263

RETIREMENTS	JANUARY 2022	FEBRUARY 2022	MARCH 2022	APRIL 2022	MAY 2022	JUNE 2022	JULY 2022	AUGUST 2022	TOTAL
360000	\$0	\$30,862	\$0	\$173,139	\$0	\$0	\$0	\$0	\$204,001
361100	297,445	58,258	3,599,323	188,964	493,667	174,855	266,425	784,630	5,863,567
361200	36,965	13,759	39,714	14,128	3,571	146,142	416,600	5,023	675,902
363000	-	36,799	67,459	52,160	29,952	311,596	341,797	33,737	873,500
364000	-	-							-
365000	-	-							-
	\$334,410	\$139,678	\$3,706,496	\$428,391	\$527,190	\$632,593	\$1,024,822	\$823,390	\$7,616,970

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 3

STATE ACCOUNT	DESCRIPTION	DEPRECIATION RATE	JANUARY 2022	FEBRUARY 2022	MARCH 2022	APRIL 2022	MAY 2022	JUNE 2022	JULY 2022	AUGUST 2022	TOTAL
360000	Mains - Force	1.73%	\$17	\$3,333	\$567	\$859	\$1,209	\$431	\$1,806	\$350	\$8,572
361100	Mains Gravity	1.34%	1,157	402	1,862	802	10,317	7,809	3,901	8,318	34,568
361200	Manholes	1.81%	114	6,589	526	66	33	622	619	467	9,036
363000	Service Laterals	2.42%	205	976	1,489	542	1,215	912	647	455	6,441
364000	Flow Measuring Devices	9.07%	0	0	0	0	0	0	0	0	0
365000	Flow Measuring Installs	8.02%	0	0	0	0	0	0	0	0	0
	APPLICABLE DEPRECIATION										
	FIRST QTR 2022		1,493	11,300							12,793
	SECOND QTR 2022		1,493	11,300	4,444	2,269	12,774				32,280
	THIRD QTR 2022		1,493	11,300	4,444	2,269	12,774	9,774	6,973	9,590	58,617
	ACCUMULATED DEPRECIATION		\$4,479	\$33,900	\$8,888	\$4,538	\$25,548	\$9,774	\$6,973	\$9,590	\$103,690

Pennsylvania-American Water Company - Total
Schedule of Debt
August 31, 2022

Date of Issue	Date of Maturity	Amount Issued	Amount Outstanding	Coupon Rate	Annual Interest	Note #	Issuance Expense	Net Proceeds	Net Proceeds Ratio	Sinking Requirement	Percent to Total	Effective Cost Rate (1)	Weighted Cost Rate
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%		1.84%	6.82%	0.126%
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%		7.27%	7.94%	0.578%
11/1/2004	11/1/2031	10,000,000	10,000,000	8.820%	882,000		88,352	9,911,648	99.12%		0.48%	8.91%	0.043%
8/1/2004	8/1/2025	10,000,000	10,000,000	8.150%	815,000		60,119	9,939,881	99.40%		0.48%	8.21%	0.040%
12/21/2012	12/1/2042	23,015,000	23,015,000	4.300%	989,645	1	895,945	22,119,055	96.11%		1.12%	4.54%	0.051%
12/17/2012	12/1/2042	45,000,000	45,000,000	4.300%	1,935,000	2	582,689	44,417,311	98.71%		2.18%	4.38%	0.096%
11/21/2011	10/15/2037	35,000,000	35,000,000	5.050%	1,767,500		0	35,000,000	100.00%		1.70%	5.05%	0.086%
11/21/2011	10/15/2037	15,500,000	15,500,000	5.050%	782,750		740,260	14,759,740	95.22%		0.75%	5.39%	0.041%
11/20/2013	3/1/2024	67,000,000	67,000,000	3.850%	2,579,500		791,901	66,208,099	98.82%		3.25%	3.99%	0.130%
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%		1.76%	3.78%	0.066%
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%		3.19%	4.74%	0.151%
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%		11.64%	3.83%	0.446%
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%		4.92%	4.34%	0.213%
8/9/2018	9/1/2028	74,739,360	74,739,360	3.750%	2,802,726		623,814	74,115,546	99.17%		3.62%	3.85%	0.140%
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%		11.03%	4.26%	0.470%
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%		6.05%	4.59%	0.278%
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%		5.33%	3.57%	0.190%
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%		3.88%	3.17%	0.123%
12/12/2019	12/1/2029	80,000,000	80,000,000	2.450%	1,960,000	6	1,907,647	78,092,353	97.62%		3.88%	2.72%	0.106%
12/12/2019	12/1/2029	13,165,000	13,165,000	2.450%	322,543	6	483,935	12,681,065	96.32%		0.64%	2.88%	0.018%
4/14/2020	5/1/2030	30,000,000	30,000,000	2.800%	840,000	28	373,996	29,626,004	98.75%		1.45%	2.94%	0.043%
4/14/2020	5/1/2050	90,000,000	90,000,000	3.450%	3,105,000	29	1,141,788	88,858,212	98.73%		4.36%	3.52%	0.154%
6/14/2021	6/1/2031	47,500,000	47,500,000	2.300%	1,092,500	30	1,798,391	45,701,609	96.21%		2.30%	2.74%	0.063%
5/14/2021	6/1/2051	47,500,000	47,500,000	3.250%	1,543,750	31	641,731	46,858,269	98.65%		2.30%	3.32%	0.076%
5/5/2022	6/1/2032	255,000,000	255,000,000	4.450%	11,347,500	32	2,964,855	252,035,145	98.84%		12.37%	4.59%	0.568%
Pennvest Loans													
7/1/2012	12/1/2022	3,945,656	78,669	2.774%	2,182	7	8,480	3,937,176	99.79%		0.00%	2.80%	0.000%
7/1/2012	9/1/2022	4,322,665	22,970	3.237%	744	8	25,445	4,297,220	99.41%		0.00%	3.31%	0.000%
7/1/2012	7/1/2024	1,559,205	150,291	2.774%	4,169	9	13,749	1,545,456	99.12%		0.01%	2.86%	0.000%
7/1/2012	11/1/2024	5,721,348	680,385	1.156%	7,865	10	29,484	5,691,864	99.48%		0.03%	1.20%	0.000%
7/1/2012	12/1/2025	5,670,111	843,354	2.763%	23,302	11	34,130	5,635,981	99.40%		0.04%	2.82%	0.001%
7/1/2012	8/1/2024	5,240,631	630,961	2.774%	17,503	12	7,951	5,232,680	99.85%		0.03%	2.79%	0.001%
7/1/2012	10/1/2024	3,099,441	396,465	2.432%	9,642	13	5,660	3,093,781	99.82%		0.02%	2.45%	0.000%
7/1/2012	9/1/2029	2,359,891	940,878	2.547%	23,964	14	0	2,359,891	100.00%		0.05%	2.55%	0.001%
7/1/2012	2/1/2031	12,150,000	5,789,248	2.690%	155,731	15	0	12,150,000	100.00%		0.28%	2.69%	0.008%
7/1/2012	10/1/2032	9,936,500	5,753,299	3.117%	179,330	16	0	9,936,500	100.00%		0.28%	3.12%	0.009%
7/1/2012	12/1/2031	1,606,709	858,046	3.098%	26,582	17	0	1,606,709	100.00%		0.04%	3.10%	0.001%
7/1/2012	3/1/2041	1,724,610	1,167,589	1.000%	11,676	18	0	1,724,610	100.00%		0.06%	1.00%	0.001%
7/1/2012	4/1/2031	1,675,790	946,837	2.810%	26,606	19	0	1,675,790	100.00%		0.05%	2.81%	0.001%
7/1/2012	3/1/2032	1,273,465	601,246	2.690%	16,174	20	0	1,273,465	100.00%		0.03%	2.69%	0.001%
3/22/2013	3/1/2033	1,378,357	763,620	2.196%	16,769	21	0	1,378,357	100.00%		0.04%	2.20%	0.001%
4/1/2015	2/1/2037	15,833,700	11,506,004	1.000%	115,060	22	0	15,833,700	100.00%		0.56%	1.00%	0.006%
10/15/2015	7/1/2040	123,663	92,518	1.000%	925	23	0	123,663	100.00%		0.00%	1.00%	0.000%
10/15/2015	7/1/2040	969,823	725,571	1.000%	7,256	24	0	969,823	100.00%		0.04%	1.00%	0.000%
4/21/2016	5/1/2037	4,152,000	3,074,142	1.985%	61,022	25	0	4,152,000	100.00%		0.15%	1.98%	0.003%
12/29/2016	11/1/2037	7,951,445	5,890,847	1.000%	58,908	26	0	7,951,445	100.00%		0.29%	1.00%	0.003%
6/14/2017	11/1/2036	5,937,613	4,351,456	2.027%	88,204	27	0	5,937,613	100.00%		0.21%	2.03%	0.004%
		\$2,113,587,030	\$2,062,218,805				\$84,369,933	\$49,526,828	\$2,064,060,202	\$0	100.00%		4.33%

Pennsylvania-American Water Company - Total
Schedule of Debt
August 31, 2022

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) Issuance costs included make whole premium of \$10M
- (4) Issuance 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) Eldersville, Jefferson, and Crosscreek, interest 1.387% for first 70 months and 2.774% (12/2007) for remainder
- (8) Jackson Township. Interest 1.619% from 2001 to 2006 and 3.237% starting Oct 2007
- (9) Farmington Twp., Interest rate 1.387% for first 70 months and 2.774% (07/2009) for remainder
- (10) Sandy Ridge, Interest rate 1.000% for first 60 months and 1.156% (07/2010) for remainder
- (11) Sligo/Shippenville, Interest rate 1.385% for first 86 months and 2.763% (06/2013) for remainder
- (12) Ellwood/Butler Interconnect, Interest rate 1.387% for first 74 months and 2.774% (08/2009) for remainder
- (13) Mahoning & Union Twp, Interest rate 1.305% for first 82 months and 2.432% (10/2009) for remainder
- (14) Hanover & Collier 1.274% first 2009 - 2014 and 2.547% starting Oct 2014
- (15) Mount Pleasant Water System Extension 1.559% first 2011 - 2016 and 2.69% starting March 2016
- (16) Rock Run WTP 2.414% first 2011 - 2016 and 3.117% starting Dec 2017
- (17) Silver Spring Clearwell 2.376% first 2012 - 2016 and 3.098% starting Jan 2017
- (18) Wallaceton Municipal Authority 1.00% for 30 years starting March 2012
- (19) Pittsburgh Meter Improvements 1.799% first 2012 - 2017 and 2.81% starting April 2017
- (20) Pittsburgh Meter Improvement Project Phase II 1.559% first 60 months and 2.69% starting May 2016
- (21) Southwest PA Pipeline Exts Phase II - Interest 1.591% first 5 years - 2.196% starting April 2018
- (22) Clarion WW Act 537 Implementation Project - Interest rate is 1.0% for the life of the loan
- (23) Paint Twp #1 - Interest rate is 1% for the remaining life of the Bond
- (24) Paint Twp #2 - Interest rate is 1% for the remaining life of the Bond
- (25) Fairview Water Main Extension - Interest rate is 1.356% for the first 5 years, 1.985% June 2022 for remaining 5 years
- (26) Debt assumed as part of Scranton Sewer acquisition
- (27) Washington County Main Extension Project - Interest rate is 1.439% until Oct 2021 - 2.027% for the remaining term
- (28) New unsecured borrowing at a coupon rate of 2.80% for 10 years
- (29) New unsecured borrowing at a coupon rate of 3.45% for 30 years
- (30) Issuance costs include make whole premium of \$1.2M
- (31) New unsecured borrowing at a coupon rate of 3.25% for 30 years
- (32) New unsecured borrowing at a coupon rate of 4.45% for 10 years

PENNSYLVANIA AMERICAN WATER COMPANY
SCHEDULE OF PREFERRED STOCK
August 31, 2022

DATE OF ISSUE	DATE OF MATURITY	SHARES ISSUED	SHARES OUTSTANDING	AMOUNT ISSUED	AMOUNT OUTSTANDING	EXPENSE	NET PROCEEDS	DIVIDEND RATE	SINKING REQUIR.	PERCENT TO TOTAL	EFFECTIVE COST RATE	WEIGHTED COST RATE
23-Apr-71	---	3,000	1,780	\$300,000	\$178,000	\$5,473	\$294,527	9.75%		39.42%	9.96%	3.93%
23-Apr-71	---	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
 2022 FORECASTED WASTEWATER REVENUES
NO DSIC OR STAS

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
RES	3,901,048	3,602,610	3,849,896	3,765,143	3,937,666	3,928,871	4,048,211	3,982,195	3,837,883	3,863,266	3,783,072	3,925,433	46,425,294
COM	1,640,457	1,242,493	1,333,716	1,314,122	1,351,634	1,339,955	1,491,640	1,452,698	1,402,375	1,408,806	1,306,357	1,281,850	16,566,104
IND	179,168	174,995	186,234	173,884	173,614	185,064	191,277	184,362	176,540	183,519	173,522	170,740	2,152,919
PUB AUTH	197,795	213,518	222,879	214,842	222,116	230,073	260,306	257,105	232,578	225,507	223,462	213,745	2,713,926
BULK	487,716	482,007	502,121	495,147	507,245	527,775	517,597	521,319	496,156	524,590	508,346	504,672	6,074,690
	6,406,185	5,715,623	6,094,846 18,216,654	5,963,137	6,192,275	6,211,737 18,367,149	6,509,031	6,397,680	6,145,531 19,052,242	6,205,689	5,994,759	6,096,441 18,296,888	73,932,933 73,932,933

Pennsylvania American Water Company
Qualifying Wastewater DSIC Expenditures
Transferred Amounts
June 2022 - August 2022

Work Order	Utility Account	Work Order Number	June 2022	July 2022	August 2022
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0002	\$ -	\$ -	\$ (18,112)
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0004	1,752	2,618	8,828
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0005	1,194	1,785	32,373
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0006	2,070	166,185	64,412
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0007	1,752	101,461	1,192
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0008	1,213	47,080	814
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.22-P-0005	-	224	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.22-P-0006	(158)	-	(27)
REPLACE COLLECTION MAINS - FORCE	360000	R24-38B1.20-P-0002	6,987	-	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-38B1.20-P-0005	(61)	(979)	(6,068)
REPLACE COLLECTION MAINS - FORCE	360000	R24-38B1.20-P-0006	-	3,990	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.20-P-0007	2,956	(407)	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.20-P-0008	3,091	2,338	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.21-P-0002	3,449	(474)	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.21-P-0003	75,161	6,543	(665)
REPLACE COLLECTION MAINS - FORCE	360000	R24-67D1.18-P-0001	-	86,941	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-67H1.22-P-0001	345	292	(818)
REPLACE COLLECTION MAINS - FORCE	360000	R24-92B1.20-P-0016	-	-	(1,082)
TOTAL - REPLACE COLLECTION MAINS - FORCI			\$ 99,751	\$ 417,597	\$ 80,847

REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-120014-01	\$ -	\$ -	\$ 99,555
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-120014-02			(99,555)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-920007-01	588	(162)	(6,192)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-920009-01	4,998	(855)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0059	2,263		(7,011)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12C1.21-P-0001	903		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12C1.22-P-0001	144,375	17,395	44,080
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-47C1.22-P-0001			99
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58C1.22-P-0001		1,138	670
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-60B1.22-P-0002			43,157
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-60B1.22-P-0003			105,370
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-60B1.22-P-0004		1,878	(376)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-60B1.22-P-0005	2,993	(2,302)	(375)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-60B1.22-P-0007	4	1,127	(376)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.22-P-0002		(34,458)	2,161
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.22-P-0003	(463)	(3,020)	1,829
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.22-P-0004	10,764	(1,283)	19
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.22-P-0006		305,917	(41)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.22-P-0007			144,678
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67C1.22-P-0001	13,591	(168)	4,213
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67D1.18-P-0001		(86,941)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-69C1.22-P-0001	(24)	170	447
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-69F1.22-P-0001			115
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0002			20,320
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0003		751	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0004			34,479
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0006			32,809
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0007	2		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0008	2		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0009			24,773
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0010			65,358
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0011	2	751	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0012			111,748
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0013	(897)		752
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0014	(897)	14,796	752
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0015			32,082
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0016			19,734
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0017	(897)		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0018	751		752
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0019	751		752
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0020	751		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0021	751		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0022	751		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0023	751		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0024	1,725	(1,006)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0025	1,725	(1,006)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0026	1,725	(1,006)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0027	1,725	(1,006)	752
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0028			55,151
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0029	1,725	(1,006)	1,353
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0030			20,128
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0031		751	1,353
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0032			26,594
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0033			22,356
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.22-P-0034			17,817

**Pennsylvania American Water Company
 Qualifying Wastewater DSIC Expenditures
 Transferred Amounts
 June 2022 - August 2022**

Work Order	Utility Account	Work Order Number	June 2022	July 2022	August 2022
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87C1.22-P-0001		4,683	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.20-P-0016			(3,463)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0002	27,006	225	31,626
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0005	7,550	12,609	4,934

Pennsylvania American Water Company
Qualifying Wastewater DSIC Expenditures
Transferred Amounts
June 2022 - August 2022

Work Order	Utility Account	Work Order Number	June 2022	July 2022	August 2022
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0009	41,264	8,711	46,266
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0010	2,151	18	2,519
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.22-P-0002			160,715
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.22-P-0004	(1,306)	11,601	36,808
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.22-P-0005			271,970
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.22-P-0006	729,482	280,559	12,749
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.22-P-0009	17,999	54,267	162,095
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.22-P-0010	30,992	286,978	10,179
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.22-P-0011	38,791	(12,814)	1,091
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.22-P-0012	1,002,318	45,520	459,670
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.22-P-0013	21,210	35,648	149,979
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.22-P-0014		131,211	11,535
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92C1.21-P-0001	399		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92C1.22-P-0001	48,354	93,078	29,475
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92C1.22-P-0002	2,451	(338)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92C1.22-P-0003	124,353	626	27,054
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92D1.22-P-0002			178,924
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92F1.21-P-0001	4,842	3,078	1,709
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92F1.22-P-0001	42,731	(1,567)	64,901
TOTAL COLLECTION MAINS			\$ 2,331,025	\$ 1,164,548	\$ 2,483,018
REPLACE MANHOLES	361200	I24-920007-01	\$ 56	\$ (15)	\$ (587)
REPLACE MANHOLES	361200	I24-920009-01	198	(34)	
REPLACE MANHOLES	361200	R24-12F1.20-P-0001			(6,219)
REPLACE MANHOLES	361200	R24-12F1.22-P-0001	245	2,063	1,187
REPLACE MANHOLES	361200	R24-47F1.22-P-0003	4,863		
REPLACE MANHOLES	361200	R24-67B1.22-P-0002		5,896	440
REPLACE MANHOLES	361200	R24-67B1.22-P-0003		14,146	1,003
REPLACE MANHOLES	361200	R24-67B1.22-P-0004	236	(28)	
REPLACE MANHOLES	361200	R24-67B1.22-P-0006		5,875	(1)
REPLACE MANHOLES	361200	R24-67B1.22-P-0007			29,817
REPLACE MANHOLES	361200	R24-92B1.20-P-0016			(325)
REPLACE MANHOLES	361200	R24-92B1.21-P-0004	23,642	197	28,121
REPLACE MANHOLES	361200	R24-92B1.21-P-0010	71	1	84
REPLACE MANHOLES	361200	R24-92B1.22-P-0005			37,905
REPLACE MANHOLES	361200	R24-92B1.22-P-0006	108,154	41,596	1,890
REPLACE MANHOLES	361200	R24-92B1.22-P-0014		8,801	774
REPLACE MANHOLES	361200	R24-92D1.17-P-0001		41,741	
REPLACE MANHOLES	361200	R24-92F1.22-P-0001		16,454	9,086
TOTAL MANHOLES			\$ 137,465	\$ 136,693	\$ 103,175
REPLACE SERVICE LATERIALS	363000	R24-12H1.21-P-0001	\$ (11,388)	\$ -	\$ -
REPLACE SERVICE LATERIALS	363000	R24-47H1.22-P-0003		9,467	
REPLACE SERVICE LATERIALS	363000	R24-58H1.22-P-0001	1,611	85	5,088
REPLACE SERVICE LATERIALS	363000	R24-60H1.22-P-0001	5,696	302	
REPLACE SERVICE LATERIALS	363000	R24-67B1.22-P-0002		28,562	2,131
REPLACE SERVICE LATERIALS	363000	R24-67B1.22-P-0003	(231)	(11,126)	233
REPLACE SERVICE LATERIALS	363000	R24-67B1.22-P-0004	440	(52)	1
REPLACE SERVICE LATERIALS	363000	R24-67B1.22-P-0006		10,575	(1)
REPLACE SERVICE LATERIALS	363000	R24-67H1.22-P-0001	15,498	42,973	11,585
REPLACE SERVICE LATERIALS	363000	R24-69H1.21-P-0001	-	-	125
REPLACE SERVICE LATERIALS	363000	R24-69H1.22-P-0001	18,098	7,830	14,332
REPLACE SERVICE LATERIALS	363000	R24-87H1.22-P-0001	21,349	577	5,251
REPLACE SERVICE LATERIALS	363000	R24-92B1.21-P-0002	339	3	397
REPLACE SERVICE LATERIALS	363000	R24-92B1.21-P-0010	86	1	100
REPLACE SERVICE LATERIALS	363000	R24-92B1.22-P-0014		1,760	155
REPLACE SERVICE LATERIALS	363000	R24-92H1.21-P-0001	1,737	(595)	
REPLACE SERVICE LATERIALS	363000	R24-92H1.22-P-0001	97,531	16,577	35,764
TOTAL SERVICE LATERIALS			\$ 150,766	\$ 106,939	\$ 75,161
TOTAL DSIC EXPENDITURES			\$ 2,719,007	\$ 1,825,777	\$ 2,742,201