



VIA e-Filing

March 21, 2022

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

Susan Simms Marsh

Deputy General Counsel

852 Wesley Drive | Mechanicsburg, PA 17055

Phone: 717-550-1570 | Fax: 717-550-1255

E susan.marsh@amwater.com

**Re: Pennsylvania-American Water Company (Utility Code 230073)
Wastewater Operations DSIC filing effective April 1, 2022**

Dear Secretary Chiavetta:

Attached please find Supplement No. 33 to Tariff Wastewater-PA P.U.C. No. 16 for Pennsylvania-American Water Company ("Company") which bears the issue date of March 21, 2022, filed in accordance with the Pennsylvania Public Utility Commission Order at Docket No. P-2014-2431005, entered December 4, 2014.

As part of the settlement of the Company's last base rate case at Docket No. R-2020-3019371, approved by the Commission on February 25, 2021, the Company agreed to not impose a DSIC until the total aggregate gross plant costs associated with the eligible property that has been placed in service exceeds the aggregate plant costs claimed by the Company in the fully projected future test year 2021. As shown in detail on Appendix F of the settlement, the total aggregate eligible plant costs claimed for the Company's DSIC-eligible wastewater operations were \$21,068,098.¹ Actual eligible plant costs placed in service during 2021 for the Company's DSIC-eligible wastewater operations were \$25,594,314. Please refer to Attachment A to this filing for details of the actual 2021 eligible plant costs placed in service.

If you have any questions, please contact me.

Sincerely,

Susan Simms Marsh

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

¹ PAWC's wastewater service areas in Sadsbury, Exeter, and Kane have not been included in an approved LTIP and therefore are not included in this filing.

**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: March 21, 2022

Effective: April 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 (13th Revision) of the Company's tariff from 0.00% to 0.42%, effective April 1, 2022, in accordance with the Pennsylvania Public Utility Commission Order at Docket No. P-2014-2431005.

PENNSYLVANIA-AMERICAN WATER COMPANY

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(C) means Change and (I) means Increase

PENNSYLVANIA-AMERICAN WATER COMPANY

SCHEDULE OF RATES

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE

In addition to the net charges provided for in this Tariff, a charge of 0.42% 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 and Rate Zone 11 – Valley.

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, 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 and Rate Zone 11-Valley

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 1

DESCRIPTION	SURCHARGE EFFECTIVE April 1, 2022
APPLICABLE NET ADDITIONS	\$2,442,452
LESS:	
ACCUMULATED DEPRECIATION	(12,793)
RETIREMENTS	474,088
NET RATE BASE INCLUDED IN DISTRIBUTION SYSTEM IMPROVEMENT CALCULATIONS	(DSI) 2,903,747
ANNUAL REVENUE REQUIREMENT RATE	9.58%
QUARTERLY REVENUE REQUIREMENT RATE	(PTRR) 2.40%
QUARTERLY CAPITAL COST RECOVERY	(DSI X PTRR) 69,690
QUARTERLY DEPRECIATION EXPENSE	(DEP) 12,793
REVENUE REQUIREMENT PRIOR TO ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	82,483
ANNUAL RECONCILIATION	(e) (6,084)
RECONCILIATION OF PRIOR YEAR E FACTOR	0
REVENUE REQUIREMENT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	(6,084)
TOTAL QUARTERLY DISTRIBUTION SYSTEM IMPROVEMENT CHARGE REVENUE REQUIREMENT	76,399
MONTHLY RECOVERABLE AMOUNT FOR REVENUE REQUIREMENT	27,494
MONTHLY RECOVERABLE AMOUNT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	(2,028)
BASE RATE REVENUE TO BE COLLECTED DURING APRIL THROUGH JUNE	(PQR) 18,367,149
CURRENT YEAR DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	0.45%
ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR CHARGE	-0.03%
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	(DSIC) 0.42%

TYPE	AMOUNT (\$000)	CAPITAL STRUCTURE	COST RATE	WEIGHTED AVERAGE COST RATE	REVENUE MULTIPLIER	REVENUE REQUIREMENT
DEBT	\$1,809,664	44.25%	4.29%	1.90%		1.90%
PREFERRED	452	0.01%	9.71%	0.00%	1.40631	0.00%
EQUITY	2,279,360	55.74%	9.80%	5.46%	1.40631	7.68%
TOTAL	\$4,089,476	100.00%		7.36%		9.58%

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 28, 2022. PREFERRED STOCK AND DEBT FIGURES DO NOT REFLECT THE REQUIREMENTS OF FAS150.

ANTICIPATED REVENUES

April 2022	\$5,963,137
May	\$6,192,275
June	\$6,211,737
TOTAL	<u>\$18,367,149</u>

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 2

STATE ACCOUNT	DESCRIPTION	JANUARY 2022	FEBRUARY 2022	TOTAL
360000	Mains - Force	\$3,992	\$770,525	\$774,517
361100	Mains - Gravity	345,468	120,080	465,548
361200	Manholes	25,227	1,456,046	1,481,273
363000	Service Laterals	33,845	161,357	195,202
364000	Flow Measuring Devices			-
365000	Flow Measuring Installs			-
	ADDITIONS	408,532	2,508,008	2,916,540
	RETIREMENTS	(334,410)	(139,678)	(474,088)
	NET ADDITIONS	\$74,122	\$2,368,330	\$2,442,452

RETIREMENTS	JANUARY 2022	FEBRUARY 2022	TOTAL
360000	\$0	\$30,862	\$30,862
361100	297,445	58,258	355,703
361200	36,965	13,759	50,724
363000	-	36,799	36,799
364000	-	-	-
365000	-	-	-
	\$334,410	\$139,678	\$474,088

**PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 3**

STATE ACCOUNT	DESCRIPTION	DEPRECIATION RATE	JANUARY 2022	FEBRUARY 2022	TOTAL
360000	Mains - Force	1.73%	\$17	\$3,333	\$ 3,350
361100	Mains Gravity	1.34%	1,157	402	\$ 1,559
361200	Manholes	1.81%	114	6,589	\$ 6,703
363000	Service Laterals	2.42%	205	976	\$ 1,181
364000	Flow Measuring Devices	9.07%	0	0	\$ -
365000	Flow Measuring Installs	8.02%	0	0	\$ -
	APPLICABLE DEPRECIATION				
	FIRST QTR 2022		1,493	11,300	12,793
	ACCUMULATED DEPRECIATION		\$1,493	\$11,300	\$12,793

Pennsylvania-American Water Company - Total
Schedule of Debt
February 28, 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%		2.10%	6.82%	0.143%
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%		8.29%	7.94%	0.658%
11/1/2004	11/1/2031	10,000,000	\$10,000,000	8.820%	\$882,000		88,352	9,911,648	99.12%		0.55%	8.91%	0.049%
8/1/2004	8/1/2025	10,000,000	\$10,000,000	8.150%	\$815,000		60,119	9,939,881	99.40%		0.55%	8.21%	0.045%
12/21/2012	12/1/2042	23,015,000	\$23,015,000	4.300%	\$989,645	1	895,945	22,119,055	96.11%		1.27%	4.54%	0.058%
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%		2.49%	4.38%	0.109%
11/21/2011	10/15/2037	35,000,000	\$35,000,000	5.050%	\$1,767,500		0	35,000,000	100.00%		1.93%	5.05%	0.098%
11/21/2011	10/15/2037	15,500,000	\$15,500,000	5.050%	\$782,750		740,260	14,759,740	95.22%		0.86%	5.39%	0.046%
11/20/2013	3/1/2024	67,000,000	\$67,000,000	3.850%	\$2,579,500		791,901	66,208,099	98.82%		3.70%	3.99%	0.148%
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%		2.00%	3.78%	0.076%
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%		3.63%	4.74%	0.172%
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%		13.26%	3.83%	0.508%
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%		5.60%	4.34%	0.243%
8/9/2018	9/1/2028	74,739,360	\$74,739,360	3.750%	\$2,802,726		623,814	74,115,546	99.17%		4.13%	3.85%	0.159%
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%		12.57%	4.26%	0.536%
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%		6.89%	4.59%	0.316%
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%		6.08%	3.57%	0.217%
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%		4.42%	3.17%	0.140%
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%		4.42%	2.72%	0.120%
12/12/2019	12/1/2029	13,165,000	\$13,165,000	2.450%	\$322,543	6	483,935	12,681,065	96.32%		0.73%	2.88%	0.021%
4/14/2020	5/1/2030	30,000,000	\$30,000,000	2.800%	\$840,000	30	373,996	29,626,004	98.75%		1.66%	2.94%	0.049%
4/14/2020	5/1/2050	90,000,000	\$90,000,000	3.450%	\$3,105,000	31	1,141,788	88,858,212	98.73%		4.97%	3.52%	0.175%
6/14/2021	6/1/2031	47,500,000	\$47,500,000	2.300%	\$1,092,500	32	1,798,391	45,701,609	96.21%		2.62%	2.74%	0.072%
5/14/2021	6/1/2051	47,500,000	\$47,500,000	3.250%	\$1,543,750	33	641,731	46,858,269	98.65%		2.62%	3.32%	0.087%
Pennvest Loans													
7/1/2012	12/1/2022	3,945,656	195,319	2.774%	5,418	7	8,480	3,937,176	99.79%		0.01%	2.80%	0.000%
7/1/2012	3/1/2022	3,366,155	18,333	3.237%	593	8	56,803	3,309,352	98.31%		0.00%	3.44%	0.000%
7/1/2012	3/1/2022	3,623,800	19,730	3.237%	639	9	25,430	3,598,370	99.30%		0.00%	3.32%	0.000%
7/1/2012	9/1/2022	4,322,665	159,496	3.237%	5,163	10	25,445	4,297,220	99.41%		0.01%	3.31%	0.000%
7/1/2012	7/1/2024	1,559,205	188,202	2.774%	5,221	11	13,749	1,545,456	99.12%		0.01%	2.86%	0.000%
7/1/2012	11/1/2024	5,721,348	829,194	1.156%	9,585	12	29,484	5,691,864	99.48%		0.05%	1.20%	0.001%
7/1/2012	12/1/2025	5,670,111	963,298	2.763%	26,616	13	34,130	5,635,981	99.40%		0.05%	2.82%	0.002%
7/1/2012	8/1/2024	5,240,631	783,314	2.774%	21,729	14	7,951	5,232,680	99.85%		0.04%	2.79%	0.001%
7/1/2012	10/1/2024	3,099,441	485,031	2.432%	11,796	15	5,660	3,093,781	99.82%		0.03%	2.45%	0.001%
7/1/2012	9/1/2029	2,359,891	1,001,104	2.547%	25,498	16	0	2,359,891	100.00%		0.06%	2.55%	0.001%
7/1/2012	2/1/2031	12,150,000	6,090,355	2.690%	163,831	17	0	12,150,000	100.00%		0.34%	2.69%	0.009%
7/1/2012	10/1/2032	9,936,500	5,987,357	3.117%	186,626	18	0	9,936,500	100.00%		0.33%	3.12%	0.010%
7/1/2012	12/1/2031	1,606,709	897,390	3.098%	27,801	19	0	1,606,709	100.00%		0.05%	3.10%	0.002%
7/1/2012	3/1/2041	1,724,610	1,196,105	1.000%	11,961	20	0	1,724,610	100.00%		0.07%	1.00%	0.001%
7/1/2012	4/1/2031	1,675,790	994,671	2.810%	27,950	21	0	1,675,790	100.00%		0.05%	2.81%	0.002%
7/1/2012	3/1/2032	1,273,465	631,470	2.690%	16,987	22	0	1,273,465	100.00%		0.03%	2.69%	0.001%
3/22/2013	3/1/2033	1,378,357	795,445	2.196%	17,468	23	0	1,378,357	100.00%		0.04%	2.20%	0.001%
4/1/2015	2/1/2037	15,833,700	11,874,529	1.000%	118,745	24	0	15,833,700	100.00%		0.66%	1.00%	0.007%
10/15/2015	7/1/2040	123,663	94,870	1.000%	949	25	0	123,663	100.00%		0.01%	1.00%	0.000%
10/15/2015	7/1/2040	969,823	744,015	1.000%	7,440	26	0	969,823	100.00%		0.04%	1.00%	0.000%
4/21/2016	5/1/2037	4,152,000	3,165,683	1.356%	42,927	27	0	4,152,000	100.00%		0.17%	1.36%	0.002%
12/29/2016	11/1/2037	7,951,445	6,111,726	1.000%	61,117	28	0	7,951,445	100.00%		0.34%	1.00%	0.003%
6/14/2017	11/1/2036	5,937,613	4,482,500	2.027%	90,860	29	0	5,937,613	100.00%		0.25%	2.03%	0.005%
		\$1,865,576,985	\$1,809,663,544		\$73,055,739		\$46,644,205	\$1,818,932,780		\$0	100.00%		4.29%

Pennsylvania-American Water Company - Total
Schedule of Debt
February 28, 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) 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) Eldersville, Jefferson, and Crosscreek, interest 1.387% for first 70 months and 2.774% (12/2007) for remainder
- (8) Strattanville Pennvest Loan. Interest 1.619% from 2002 to 2007 and 3.237% starting March 2007
- (9) Franklin Township. Interest 1.619% from 2002 to 2007 and 3.237% starting April 2007
- (10) Jackson Township. Interest 1.619% from 2001 to 2006 and 3.237% starting Oct 2007
- (11) Farmington Twp., Interest rate 1.387% for first 70 months and 2.774% (07/2009) for remainder
- (12) Sandy Ridge, Interest rate 1.000% for first 60 months and 1.156% (07/2010) for remainder
- (13) Sligo/Shipperville, Interest rate 1.385% for first 86 months and 2.763% (06/2013) for remainder
- (14) Ellwood/Butler Interconnect, Interest rate 1.387% for first 74 months and 2.774% (08/2009) for remainder
- (15) Mahoning & Union Twp, Interest rate 1.305% for first 82 months and 2.432% (10/2009) for remainder
- (16) Hanover & Collier 1.274% first 2009 - 2014 and 2.547% starting Oct 2014
- (17) Mount Pleasant Water System Extension 1.559% first 2011 - 2016 and 2.69% starting March 2016
- (18) Rock Run WTP 2.414% first 2011 - 2016 and 3.117% starting Dec 2017
- (19) Silver Spring Clearwell 2.376% first 2012 - 2016 and 3.098% starting Jan 2017
- (20) Wallaceton Municipal Authority 1.00% for 30 years starting March 2012
- (21) Pittsburgh Meter Improvements 1.799% first 2012 - 2017 and 2.81% starting April 2017
- (22) Pittsburgh Meter Improvement Project Phase II 1.559% first 60 months and 2.69% starting May 2016
- (23) Southwest PA Pipeline Exts Phase II - Interest 1.591% first 5 years - 2.196% starting April 2018
- (24) Clarion WW Act 537 Implementation Project - Interest rate is 1.0% for the life of the loan
- (25) Paint Twp #1 - Interest rate is 1% for the remaining life of the Bond
- (26) Paint Twp #2 - Interest rate is 1% for the remaining life of the Bond
- (27) Fairview Water Main Extension - Interest rate is 1.356% for the first 5 years, 1.985% June 2022 for remaining 5 years
- (28) Debt assumed as part of Scranton Sewer acquisition
- (29) Washington County Main Extension Project - Interest rate is 1.439% until Oct 2021 - 2.027% for the remaining term
- (30) New unsecured borrowing at a coupon rate of 2.80% for 10 years
- (31) New unsecured borrowing at a coupon rate of 3.45% for 30 years

PENNSYLVANIA AMERICAN WATER COMPANY
SCHEDULE OF PREFERRED STOCK
February 28, 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
January 2022 - February 2022

Work Order	Utility Account	Work Order Number	January 2022	February 2022
REPLACE COLLECTION MAINS - FORCE	360000	R24-12D1.19-P-0002		556
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0004	5,302	368
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0005	3,810	1,743
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0006	(54,332)	436
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0007	5,507	372
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.20-P-0008	4,666	251
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.22-P-0004		172,594
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.22-P-0005		83,669
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.22-P-0006	40,847	44,500
REPLACE COLLECTION MAINS - FORCE	360000	R24-38B1.20-P-0006		(2,853)
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.20-P-0007	(1,145)	43
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.20-P-0008	572	(155)
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.21-P-0002	10,935	85
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.21-P-0003		461,053
REPLACE COLLECTION MAINS - FORCE	360000	R24-47C1.21-P-0002	(15,351)	
REPLACE COLLECTION MAINS - FORCE	360000	R24-47C1.21-P-0003		3,869
REPLACE COLLECTION MAINS - FORCE	360000	R24-60H1.21-P-0001		60
REPLACE COLLECTION MAINS - FORCE	360000	R24-67C1.21-P-0001	2,387	
REPLACE COLLECTION MAINS - FORCE	360000	R24-67H1.22-P-0001		206
REPLACE COLLECTION MAINS - FORCE	360000	R24-92B1.20-P-0002		3,709
REPLACE COLLECTION MAINS - FORCE	360000	R24-92B1.20-P-0016	794	19
TOTAL - REPLACE COLLECTION MAINS - FORCE			\$ 3,992	\$ 770,525
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-120014-01	\$ 31,262	\$ 9,540
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-920006-01	(36,870)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-920007-01	7,832	19,112
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-920009-01	969	(35,280)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0002	2,285	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0003	3,536	3,077
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0004		(8,884)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0006	1,052	10,731
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0007	2,277	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0008		(24,741)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0009	25,866	1,672
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0010	(7,728)	429
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0011	(7,728)	2
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0014	33,721	1,340
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0017	591	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0018	(391)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0019	1,070	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0023	(24,936)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0024	56,025	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0025	3,702	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0028		949
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.21-P-0029		1,257
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12C1.21-P-0001	156	225
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12C1.22-P-0001	2,287	51,260
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-47D1.17-P-0002	(5,017)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58C1.21-P-0001		65
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58C1.22-P-0001	469	19
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.21-P-0002	10,104	(148)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.22-P-0002	1,411	1,228
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-83B1.21-P-0002	(342)	(15)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.21-P-0009	(171)	(8)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.21-P-0015	(342)	(15)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.21-P-0017	(171)	(8)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.21-P-0018	(171)	(8)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.21-P-0019	(171)	(8)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.21-P-0020	(171)	(8)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87B1.21-P-0021	(171)	(8)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87C1.21-P-0001		6,534
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.20-P-0005	1,092	2,965
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.20-P-0016	2,540	61
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0002	25,201	(24,851)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0003	18,828	(3)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0005	22,195	34,711
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0007	218	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0009	66,868	(8,479)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.21-P-0010	2,467	(1,979)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92C1.21-P-0001	22,893	4,543
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92C1.22-P-0001	54,111	63,452
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92F1.21-P-0001	3,095	558
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92F1.22-P-0001	25,725	10,793
TOTAL COLLECTION MAINS			\$ 345,468	\$ 120,080

Pennsylvania American Water Company
Qualifying Wastewater DSIC Expenditures
Transferred Amounts
January 2022 - February 2022

Work Order	Utility Account	Work Order Number	January 2022	February 2022
REPLACE MANHOLES	361200	I24-920006-01	\$ (5,757)	\$ -
REPLACE MANHOLES	361200	I24-920007-01	742	1,811
REPLACE MANHOLES	361200	I24-920009-01	38	(1,400)
REPLACE MANHOLES	361200	R24-12F1.21-P-0001	(963)	(43)
REPLACE MANHOLES	361200	R24-12F1.21-P-0002		1,472,374
REPLACE MANHOLES	361200	R24-12F1.22-P-0001	9,832	5,115
REPLACE MANHOLES	361200	R24-38F1.21-P-0002	(1,697)	
REPLACE MANHOLES	361200	R24-47F1.21-P-0005	(2,371)	
REPLACE MANHOLES	361200	R24-47F1.21-P-0006	(3,804)	
REPLACE MANHOLES	361200	R24-67F1.21-P-0001	(3,209)	
REPLACE MANHOLES	361200	R24-92B1.20-P-0016	238	6
REPLACE MANHOLES	361200	R24-92B1.21-P-0004	32,096	(21,751)
REPLACE MANHOLES	361200	R24-92B1.21-P-0010	82	(66)
TOTAL SERVICE LATERIALS			<u>\$ 25,227</u>	<u>\$ 1,456,046</u>
REPLACE SERVICE LATERIALS	363000	R24-58H1.21-P-0001	\$ 503	\$ 1,892
REPLACE SERVICE LATERIALS	363000	R24-58H1.22-P-0001	15,947	9,740
REPLACE SERVICE LATERIALS	363000	R24-60H1.21-P-0001		(60)
REPLACE SERVICE LATERIALS	363000	R24-67H1.21-P-0001	2,014	
REPLACE SERVICE LATERIALS	363000	R24-69H1.21-P-0001	(524)	(23)
REPLACE SERVICE LATERIALS	363000	R24-69H1.22-P-0001	3,921	4,983
REPLACE SERVICE LATERIALS	363000	R24-92B1.21-P-0002	316	(312)
REPLACE SERVICE LATERIALS	363000	R24-92B1.21-P-0010	98	(79)
REPLACE SERVICE LATERIALS	363000	R24-92H1.21-P-0001	(868)	854
REPLACE SERVICE LATERIALS	363000	R24-92H1.22-P-0001	12,438	144,362
TOTAL SERVICE LATERIALS			<u>\$ 33,845</u>	<u>\$ 161,357</u>
TOTAL DSIC EXPENDITURES			<u>\$ 408,532</u>	<u>\$ 2,508,008</u>

Attachment A

**PA American Water
DSIC Eligible Investment 2021
Wastewater**

	2021 Actual		2021 Rate Case - Claimed	
	<u>Amount Capitalized</u>	<u>Cumulative (YTD)</u>	<u>Amount Capitalized</u>	<u>Cumulative (YTD)</u>
Jan	\$ 911,481	\$ 911,481	\$ 433,640	\$ 433,640
Feb	1,870,164	2,781,645	803,904	1,237,544
Mar	247,777	3,029,422	615,143	1,852,687
Apr	1,433,613	4,463,035	1,076,323	2,929,010
May	1,921,850	6,384,885	2,134,770	5,063,780
Jun	1,374,620	7,759,505	1,488,214	6,551,994
Jul	678,698	8,438,203	2,180,486	8,732,479
Aug	2,490,033	10,928,236	3,012,775	11,745,254
Sep	948,521	11,876,757	2,405,311	14,150,565
Oct	508,142	12,384,899	2,470,136	16,620,701
Nov	6,041,791	18,426,690	2,953,713	19,574,414
Dec	7,167,624	25,594,314	1,493,684	21,068,098
Total YTD	\$ 25,594,314		\$ 21,068,098	

PA American Water
 DSIC Eligible Investment 2021
 Wastewater

Utility Account	WO Number	Work Order	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
360000-Mains - Force	R24-1281.20-P-0069	Replace Collection Mains - Force	-	-	-	187,689	(2,009)	1,632	-	(20,593)	-	-	-	-	166,719
360000-Mains - Force	R24-12D1.19-P-0002	Replace Collection Mains - Force	-	-	-	-	-	-	-	1,161,838	-	-	5,666	14,170	1,181,674
360000-Mains - Force	R24-35B1.19-P-0002	Replace Collection Mains - Force	-	-	(18,539)	-	-	-	-	-	-	-	-	-	(18,539)
360000-Mains - Force	R24-35B1.20-P-0002	Replace Collection Mains - Force	16,801	13,996	2,918	26	(962)	553	-	3,587	-	-	-	-	36,919
360000-Mains - Force	R24-35B1.20-P-0004	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	-	-	631,235
360000-Mains - Force	R24-35B1.20-P-0005	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	73,721	52,284	126,005
360000-Mains - Force	R24-35B1.20-P-0006	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	-	300,734	300,734
360000-Mains - Force	R24-35B1.20-P-0007	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	-	75,663	75,663
360000-Mains - Force	R24-35B1.20-P-0008	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	-	34,877	34,877
360000-Mains - Force	R24-35C1.20-P-0002	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	-	-	-
360000-Mains - Force	R24-35D1.15-P-0002	Replace Collection Mains - Force	-	-	(46,813)	-	-	-	-	-	-	-	-	-	(46,813)
360000-Mains - Force	R24-38B1.19-P-0002	Replace Collection Mains - Force	(8,223)	-	-	-	-	-	-	-	-	-	-	-	(8,223)
360000-Mains - Force	R24-38B1.19-P-0003	Replace Collection Mains - Force	(4,141)	-	-	-	-	-	-	-	-	-	-	-	(4,141)
360000-Mains - Force	R24-38B1.19-P-0004	Replace Collection Mains - Force	-	(5,596)	-	-	-	-	-	-	-	-	-	-	(5,596)
360000-Mains - Force	R24-38B1.20-P-0002	Replace Collection Mains - Force	1,332	1,051	5,799	593	(9,989)	-	-	-	-	-	-	-	(1,214)
360000-Mains - Force	R24-38B1.20-P-0006	Replace Collection Mains - Force	-	-	-	-	-	-	-	112,965	9,123	(306)	(10,339)	111,443	
360000-Mains - Force	R24-47B1.18-P-0007	Replace Collection Mains - Force	(41)	-	-	-	-	-	-	-	-	-	-	-	(41)
360000-Mains - Force	R24-47B1.18-P-0009	Replace Collection Mains - Force	-	-	(1,028)	-	-	-	-	-	-	-	-	-	(1,028)
360000-Mains - Force	R24-47B1.19-P-0004	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	-	-	-
360000-Mains - Force	R24-47B1.19-P-0005	Replace Collection Mains - Force	-	-	(8,681)	-	-	-	-	-	-	-	-	-	(8,681)
360000-Mains - Force	R24-47B1.19-P-0009	Replace Collection Mains - Force	-	-	(6,253)	-	-	-	-	-	-	-	-	-	(6,253)
360000-Mains - Force	R24-47B1.20-P-0002	Replace Collection Mains - Force	114	111	-	-	-	-	-	-	-	-	-	-	225
360000-Mains - Force	R24-47B1.20-P-0004	Replace Collection Mains - Force	249	-	-	178	(89)	-	-	-	-	-	-	-	338
360000-Mains - Force	R24-47B1.20-P-0005	Replace Collection Mains - Force	(9)	-	-	-	-	-	-	-	-	-	-	-	(9)
360000-Mains - Force	R24-47B1.20-P-0006	Replace Collection Mains - Force	16,115	423	87	(96)	(9,866)	4,589	-	-	-	-	-	-	11,252
360000-Mains - Force	R24-47B1.20-P-0007	Replace Collection Mains - Force	-	-	-	-	-	-	-	403,994	35,599	98,056	10,062	547,711	
360000-Mains - Force	R24-47B1.20-P-0008	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	-	403,679	
360000-Mains - Force	R24-47B1.21-P-0002	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	-	255,793	
360000-Mains - Force	R24-47C1.21-P-0002	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	-	31,593	
360000-Mains - Force	R24-47F1.20-P-0003	Replace Collection Mains - Force	(2,125)	-	-	-	-	-	-	-	-	-	-	-	(2,125)
360000-Mains - Force	R24-47H1.20-P-0002	Replace Collection Mains - Force	-	(112)	-	-	-	-	-	-	-	-	-	-	(112)
360000-Mains - Force	R24-47H1.20-P-0003	Replace Collection Mains - Force	8	-	-	-	-	-	-	-	-	-	-	-	8
360000-Mains - Force	R24-67C1.20-P-0001	Replace Collection Mains - Force	-	(1,949)	-	-	-	-	-	-	-	-	-	-	(1,949)
360000-Mains - Force	R24-67D1.18-P-0001	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	-	-	-
360000-Mains - Force	R24-92B1.20-P-0002	Replace Collection Mains - Force	200	-	(628)	-	-	-	-	-	-	-	-	-	(428)
360000-Mains - Force	R24-92B1.20-P-0016	Replace Collection Mains - Force	-	-	-	-	-	-	-	-	-	-	245,277	13,324	258,601
361100-Mains - Gravity	I24-120008-01	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	(5,553)	-	-	-	-	(5,553)
361100-Mains - Gravity	I24-120014-01	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	949,407	949,407
361100-Mains - Gravity	I24-670008-01	Replace Collection Mains - Gravity	26,144	-	-	-	-	7,385	-	-	-	-	-	-	33,529
361100-Mains - Gravity	I24-920006-01	Replace Collection Mains - Gravity	31	-	-	4,710	15,356	1,955	4,639	(4,572)	-	1,398	77,064	100,581	
361100-Mains - Gravity	I24-920007-01	Replace Collection Mains - Gravity	101,116	193,813	46,221	204,329	116,317	154,936	49,132	84,594	24,913	40,865	25,265	254,690	1,296,191
361100-Mains - Gravity	I24-920009-01	Replace Collection Mains - Gravity	145,550	262,131	132,880	(44,533)	10,090	174,336	60,839	285,596	10,245	24,762	10,162	400,555	1,472,613
361100-Mains - Gravity	I24-920012-01	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	-	-
361100-Mains - Gravity	I24-920025-01	Replace Collection Mains - Gravity	(8)	-	1,544	-	-	-	-	-	-	-	-	-	1,536
361100-Mains - Gravity	R24-12B1.19-P-0017	Replace Collection Mains - Gravity	16	-	-	722	-	-	-	-	-	-	-	-	738
361100-Mains - Gravity	R24-12B1.19-P-0019	Replace Collection Mains - Gravity	(5,952)	-	-	-	-	-	-	-	-	-	-	-	(5,952)
361100-Mains - Gravity	R24-12B1.19-P-0020	Replace Collection Mains - Gravity	2	-	-	-	-	-	-	-	-	-	-	-	2
361100-Mains - Gravity	R24-12B1.20-P-0007	Replace Collection Mains - Gravity	35	-	-	-	-	-	-	-	-	-	-	-	35
361100-Mains - Gravity	R24-12B1.20-P-0010	Replace Collection Mains - Gravity	32	-	-	-	-	-	-	-	-	-	-	-	32
361100-Mains - Gravity	R24-12B1.20-P-0021	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	(328)	-	-	-	-	(328)
361100-Mains - Gravity	R24-12B1.20-P-0031	Replace Collection Mains - Gravity	106	-	-	-	-	-	-	-	-	-	-	-	106
361100-Mains - Gravity	R24-12B1.20-P-0042	Replace Collection Mains - Gravity	35	-	-	-	-	-	-	-	-	-	-	-	35
361100-Mains - Gravity	R24-12B1.20-P-0044	Replace Collection Mains - Gravity	274	-	-	-	-	-	-	-	-	-	-	-	274
361100-Mains - Gravity	R24-12B1.20-P-0049	Replace Collection Mains - Gravity	84	-	-	-	-	-	-	-	-	-	-	-	84
361100-Mains - Gravity	R24-12B1.20-P-0061	Replace Collection Mains - Gravity	20	-	-	-	-	-	-	-	-	-	-	-	20
361100-Mains - Gravity	R24-12B1.20-P-0063	Replace Collection Mains - Gravity	29	-	-	-	-	-	-	-	-	-	-	-	29
361100-Mains - Gravity	R24-12B1.20-P-0066	Replace Collection Mains - Gravity	36	-	-	-	-	-	-	-	-	-	-	-	36
361100-Mains - Gravity	R24-12B1.21-P-0002	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	108,081	108,081
361100-Mains - Gravity	R24-12B1.21-P-0003	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	64,037	64,037
361100-Mains - Gravity	R24-12B1.21-P-0004	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	64,616	64,616
361100-Mains - Gravity	R24-12B1.21-P-0006	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	26,115	26,115
361100-Mains - Gravity	R24-12B1.21-P-0007	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	85,880	85,880
361100-Mains - Gravity	R24-12B1.21-P-0008	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	24,741	24,741
361100-Mains - Gravity	R24-12B1.21-P-0009	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	47,881	47,881
361100-Mains - Gravity	R24-12B1.21-P-0010	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	129,774	129,774
361100-Mains - Gravity	R24-12B1.21-P-0011	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	13,638	119,463	133,101
361100-Mains - Gravity	R24-12B1.21-P-0016	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	80,177	80,177
361100-Mains - Gravity	R24-12B1.21-P-0017	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	13,714	46,228
361100-Mains - Gravity	R24-12B1.21-P-0018	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	63,466	63,466
361100-Mains - Gravity	R24-12B1.21-P-0019	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	83,410	(423)	82,987
361100-Mains - Gravity	R24-12B1.21-P-0022	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	77,960	4,326	82,286
361100-Mains - Gravity	R24-12B1.21-P-0023	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	81,854	1,509	83,363
361100-Mains - Gravity	R24-12B1.21-P-0025	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	84,339	84,339
361100-Mains - Gravity	R24-12B1.21-P-0026	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	37,585	849	38,434
361100-Mains - Gravity	R24-12B1.21-P-0028	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	20,980	20,980
361100-Mains - Gravity	R24-12B1.21-P-0029	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	50,169	25,897	76,066
361100-Mains - Gravity	R24-12C1.19-P-0001	Replace Collection Mains - Gravity	1	-	-	-	-	-	-	-	-	-	-	-	1
361100-Mains - Gravity	R24-12C1.20-P-0001	Replace Collection Mains - Gravity	2,012	-	(119)	-	-	-	-	-	-	-	-	-	1,893
361100-Mains - Gravity	R24-12C1.21-P-0001	Replace Collection Mains - Gravity	3,287	11,553	12,391	36,117	365,414	12,488	30,551	251,088	97,526	5,157	25,265	101,587	952,424
361100-Mains - Gravity	R24-12F1.18-P-0001	Replace Collection Mains - Gravity	-	-	-	-	7,089	-	-	-	(7,089)	-	-	-	-
361100-Mains - Gravity	R24-12F1.19-P-0001	Replace Collection Mains - Gravity	(160,455)	-	-	-	-	-	-	-	-	-	-	-	(160,455)
361100-Mains - Gravity	R24-12H1.21-P-0001	Replace Collection Mains - Gravity	36	-	-	-	-	-	-	-	11,3				

PA American Water
 DSIC Eligible Investment 2021
 Wastewater

Utility Account	WO Number	Work Order	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
361100-Mains - Gravity	R24-47B1.18-P-0009	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	-	-
361100-Mains - Gravity	R24-47B1.19-P-0010	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	-	-
361100-Mains - Gravity	R24-47B1.20-P-0002	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	-	-
361100-Mains - Gravity	R24-47B1.20-P-0004	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	-	-
361100-Mains - Gravity	R24-47B1.20-P-0005	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	-	-
361100-Mains - Gravity	R24-47B1.20-P-0006	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	-	-
361100-Mains - Gravity	R24-47C1.20-P-0001	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	-	-
361100-Mains - Gravity	R24-47C1.21-P-0001	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	-	-
361100-Mains - Gravity	R24-47D1.17-P-0002	Replace Collection Mains - Gravity	-	-	-	-	-	-	617	-	-	-	-	-	-
361100-Mains - Gravity	R24-47H1.20-P-0001	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	-	-
361100-Mains - Gravity	R24-58B1.20-P-0002	Replace Collection Mains - Gravity	1,102	-	-	-	-	35,387	85	-	(15,213)	(2,656)	(1)	-	18,704
361100-Mains - Gravity	R24-58B1.20-P-0003	Replace Collection Mains - Gravity	951	-	-	-	-	35,387	57	-	-	(2,265)	-	-	34,130
361100-Mains - Gravity	R24-58B1.20-P-0004	Replace Collection Mains - Gravity	316	-	-	-	-	35,387	62	-	-	(2,492)	-	-	33,273
361100-Mains - Gravity	R24-58B1.20-P-0005	Replace Collection Mains - Gravity	333	-	-	-	-	35,387	558	-	-	(5,628)	-	-	30,650
361100-Mains - Gravity	R24-58B1.20-P-0006	Replace Collection Mains - Gravity	1,459	-	-	-	-	35,387	2,028	-	-	(13,170)	-	-	25,704
361100-Mains - Gravity	R24-58B1.20-P-0007	Replace Collection Mains - Gravity	349	-	-	-	-	31,726	383	-	-	(3,418)	-	-	29,040
361100-Mains - Gravity	R24-58B1.20-P-0008	Replace Collection Mains - Gravity	211	-	-	-	-	35,387	1,275	-	-	(3,130)	-	-	33,743
361100-Mains - Gravity	R24-58C1.21-P-0001	Replace Collection Mains - Gravity	-	930	-	-	-	-	-	-	-	-	-	(995)	(65)
361100-Mains - Gravity	R24-60B1.20-P-0002	Replace Collection Mains - Gravity	-	-	-	-	40,184	-	-	-	(5,549)	-	-	-	34,635
361100-Mains - Gravity	R24-60B1.20-P-0003	Replace Collection Mains - Gravity	-	-	-	-	88,613	-	-	-	(15,919)	-	-	-	72,694
361100-Mains - Gravity	R24-60B1.20-P-0004	Replace Collection Mains - Gravity	-	-	-	-	45,294	(731)	-	-	(9,311)	-	-	-	35,252
361100-Mains - Gravity	R24-60B1.20-P-0005	Replace Collection Mains - Gravity	-	-	-	-	-	56,865	-	-	(10,615)	-	-	-	46,250
361100-Mains - Gravity	R24-60B1.20-P-0006	Replace Collection Mains - Gravity	-	-	-	-	44,004	-	-	-	(4,395)	-	-	-	39,609
361100-Mains - Gravity	R24-60B1.20-P-0007	Replace Collection Mains - Gravity	-	-	-	-	9,791	-	-	-	(357)	-	-	-	9,434
361100-Mains - Gravity	R24-60B1.20-P-0008	Replace Collection Mains - Gravity	-	-	-	-	41,501	-	-	-	(8,783)	-	-	-	32,718
361100-Mains - Gravity	R24-60C1.20-P-0001	Replace Collection Mains - Gravity	-	(3)	-	-	-	-	-	-	-	-	-	-	(3)
361100-Mains - Gravity	R24-60C1.21-P-0001	Replace Collection Mains - Gravity	-	-	3,464	-	-	-	-	-	-	-	-	-	3,592
361100-Mains - Gravity	R24-67B1.20-P-0002	Replace Collection Mains - Gravity	195	-	-	-	128	-	-	-	-	-	-	-	(5,072)
361100-Mains - Gravity	R24-67B1.20-P-0003	Replace Collection Mains - Gravity	3,457	12,110	-	-	-	-	-	-	(5,267)	-	-	-	15,567
361100-Mains - Gravity	R24-67B1.20-P-0004	Replace Collection Mains - Gravity	45	-	-	-	-	-	-	-	-	-	-	-	45
361100-Mains - Gravity	R24-67B1.20-P-0005	Replace Collection Mains - Gravity	16	-	(210)	-	-	-	-	-	-	-	-	-	(194)
361100-Mains - Gravity	R24-67B1.20-P-0006	Replace Collection Mains - Gravity	179	-	2,427	34	-	10	-	-	-	-	-	-	2,650
361100-Mains - Gravity	R24-67B1.20-P-0007	Replace Collection Mains - Gravity	5,262	-	-	-	24,767	-	-	-	-	-	-	-	30,029
361100-Mains - Gravity	R24-67B1.21-P-0002	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	495,458	262	495,720
361100-Mains - Gravity	R24-67B1.21-P-0004	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	667,453	(2,209)	665,244
361100-Mains - Gravity	R24-67B1.21-P-0005	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	271,678	-	271,678
361100-Mains - Gravity	R24-67B1.22-P-0002	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	100,335	100,335
361100-Mains - Gravity	R24-67C1.20-P-0001	Replace Collection Mains - Gravity	-	2,015	-	-	-	-	-	-	-	-	-	-	2,015
361100-Mains - Gravity	R24-67C1.21-P-0001	Replace Collection Mains - Gravity	-	1,146	-	6,123	(36)	15,007	31,927	8,039	-	-	2,933	8,207	73,346
361100-Mains - Gravity	R24-67C2.20-P-0001	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	-	-
361100-Mains - Gravity	R24-67H1.21-P-0001	Replace Collection Mains - Gravity	92	736	(393)	(273)	363	1,453	(581)	(1,232)	74	(84)	1,206	(519)	842
361100-Mains - Gravity	R24-67H2.20-P-0001	Replace Collection Mains - Gravity	-	(355)	-	-	-	-	-	-	-	-	-	-	(355)
361100-Mains - Gravity	R24-69C1.20-P-0001	Replace Collection Mains - Gravity	25	-	-	-	-	-	-	-	-	-	-	-	25
361100-Mains - Gravity	R24-69C1.21-P-0001	Replace Collection Mains - Gravity	-	-	19,580	-	-	696	386	7,573	-	-	-	467	28,702
361100-Mains - Gravity	R24-69F1.21-P-0001	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	1,053	(509)	26	-	-	570
361100-Mains - Gravity	R24-83B1.21-P-0002	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	258,484	258,484
361100-Mains - Gravity	R24-83B1.21-P-0003	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	45,494	(18,588)	26,906
361100-Mains - Gravity	R24-83B1.21-P-0004	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	30,029	28,872	58,901
361100-Mains - Gravity	R24-83B1.21-P-0005	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	13,834	13,834
361100-Mains - Gravity	R24-83B1.21-P-0006	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	54,093	54,093
361100-Mains - Gravity	R24-83B1.21-P-0007	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	26,991	26,991
361100-Mains - Gravity	R24-87B1.20-P-0002	Replace Collection Mains - Gravity	-	-	-	-	25,288	-	-	-	(2,953)	-	-	-	22,335
361100-Mains - Gravity	R24-87B1.20-P-0003	Replace Collection Mains - Gravity	-	-	-	-	53,083	-	-	-	(16,396)	-	-	-	36,687
361100-Mains - Gravity	R24-87B1.20-P-0004	Replace Collection Mains - Gravity	-	-	-	-	-	81,859	1,760	-	(26,814)	-	-	-	56,805
361100-Mains - Gravity	R24-87B1.20-P-0005	Replace Collection Mains - Gravity	-	69,495	7,330	-	-	-	-	-	(16,684)	-	-	-	60,141
361100-Mains - Gravity	R24-87B1.20-P-0006	Replace Collection Mains - Gravity	-	26,033	2,737	-	-	-	-	-	(4,928)	-	-	-	23,842
361100-Mains - Gravity	R24-87B1.20-P-0007	Replace Collection Mains - Gravity	-	58,662	6,312	-	-	-	-	-	(33,332)	-	-	-	31,642
361100-Mains - Gravity	R24-87B1.20-P-0008	Replace Collection Mains - Gravity	-	72,993	7,872	-	2,274	-	-	-	(9,094)	-	-	-	74,045
361100-Mains - Gravity	R24-87B1.20-P-0009	Replace Collection Mains - Gravity	-	-	-	-	26,275	-	-	-	(738)	-	-	-	25,537
361100-Mains - Gravity	R24-87B1.20-P-0010	Replace Collection Mains - Gravity	-	36,766	3,892	-	-	-	-	-	(10,995)	-	-	-	29,663
361100-Mains - Gravity	R24-87B1.20-P-0011	Replace Collection Mains - Gravity	-	48,732	4,131	-	-	-	-	-	(4,131)	-	-	-	48,732
361100-Mains - Gravity	R24-87B1.20-P-0012	Replace Collection Mains - Gravity	-	-	-	-	47,514	-	-	-	(12,300)	-	-	-	35,214
361100-Mains - Gravity	R24-87B1.20-P-0013	Replace Collection Mains - Gravity	-	28,332	3,011	-	-	-	-	-	(10,278)	-	-	-	21,065
361100-Mains - Gravity	R24-87B1.20-P-0014	Replace Collection Mains - Gravity	-	37,768	3,964	-	-	-	-	-	(6,042)	-	-	-	35,690
361100-Mains - Gravity	R24-87B1.20-P-0016	Replace Collection Mains - Gravity	-	35,091	3,689	-	-	-	-	-	(6,589)	-	-	-	32,191
361100-Mains - Gravity	R24-87B1.20-P-0017	Replace Collection Mains - Gravity	-	35,222	2,607	-	-	-	-	-	(2,607)	-	-	-	35,222
361100-Mains - Gravity	R24-87B1.20-P-0018	Replace Collection Mains - Gravity	-	-	-	-	33,633	-	-	-	(2)	-	-	-	33,631
361100-Mains - Gravity	R24-87B1.20-P-0019	Replace Collection Mains - Gravity	-	-	20,725	-	-	-	-	-	-	-	-	-	20,725
361100-Mains - Gravity	R24-87B1.20-P-0020	Replace Collection Mains - Gravity	-	43,138	3,165	131	-	-	-	-	(3,165)	-	-	-	43,269
361100-Mains - Gravity	R24-87B1.20-P-0021	Replace Collection Mains - Gravity	-	29,104	3,054	-	-	-	-	-	(4,579)	-	-	-	27,579
361100-Mains - Gravity	R24-87B1.20-P-0022	Replace Collection Mains - Gravity	-	38,105	4,000	-	-	-	-	-	(6,223)	-	-	-	35,882
361100-Mains - Gravity	R24-87B1.20-P-0023	Replace Collection Mains - Gravity	-	-	-	-	22,060	-	-	-	(21,900)	-	-	-	160
361100-Mains - Gravity	R24-87B1.20-P-0024	Replace Collection Mains - Gravity	-	-	-	-	22,634	-	-	-	(1,290)	-	-	-	21,344
361100-Mains - Gravity	R24-87B1.21-P-0002	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	28,422	28,422
361100-Mains - Gravity	R24-87B1.21-P-0003	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	34,744	34,744
361100-Mains - Gravity	R24-87B1.21-P-0004	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	21,723	21,723
361100-Mains - Gravity	R24-87B1.21-P-0005	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	20,428	20,428
361100-Mains - Gravity	R24-87B1.21-P-0006	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	22,403	22,403
361100-Mains - Gravity	R24-87B1.21-P-0007	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	24,913	24,913
361100-Mains - Gravity	R24-87B1.21-P-0008	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	31,161	31,161
361100-Mains - Gravity	R24-87B1.21-P-0009	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	893	893
361100-Mains - Gravity	R24-87B1.21-P-0010	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	35,888	10,418	46,306
361100-Mains - Gravity	R24-87B1.21-P-0011	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	23,667	23,667
361100-Mains - Gravity	R24-87B1.21-P-0012	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	62,623	659	63,282
361100-Mains - Gravity	R24-87B1.21-P-0013	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	15,842	15,842
361100-Mains - Gravity	R24-87B1.21-P-0014	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	22,589	22,589
361100-Mains - Gravity	R24-87B1.21-P-0015	Replace Collection Mains - Gravity	-	-	-	-	-	-	-	-	-	-	-	20,837	20,837

PA American Water
 DSIC Eligible Investment 2021
 Wastewater

Utility Account	WO Number	Work Order	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
361102-Manholes	R24-67F1.20-P-0001	Replace Manholes	-	-	-	-	-	-	-	-	-	-	-	-	-
361102-Manholes	R24-67F1.21-P-0001	Replace Manholes	-	1,743	2,352	975	3,696	-	-	(3,209)	4,390	19,013	3,680	(195)	32,445
361102-Manholes	R24-85F1.20-P-0001	Replace Manholes	-	-	-	-	-	-	-	-	-	-	-	-	-
361102-Manholes	R24-87F1.20-P-0001	Replace Manholes	-	281	-	-	-	-	-	-	-	-	-	-	281
361102-Manholes	R24-92B1.18-P-0003	Replace Manholes	3,719	-	-	-	-	-	-	-	-	-	-	-	3,719
361102-Manholes	R24-92B1.18-P-0004	Replace Manholes	23	(4,075)	(264)	(2,818)	7,088	-	-	(2,739)	676	-	-	-	(2,109)
361102-Manholes	R24-92B1.20-P-0008	Replace Manholes	-	-	-	-	16,284	-	-	-	-	-	-	(6,528)	9,756
361102-Manholes	R24-92B1.20-P-0016	Replace Manholes	-	-	-	-	-	-	-	-	-	-	73,583	3,997	77,580
361102-Manholes	R24-92B1.21-P-0004	Replace Manholes	-	-	-	-	-	-	-	-	-	-	-	168,963	168,963
361102-Manholes	R24-92B1.21-P-0010	Replace Manholes	-	-	-	-	-	-	-	-	-	-	5,791	591	6,382
361102-Manholes	R24-92C1.21-P-0001	Replace Manholes	-	-	-	-	-	-	-	-	-	-	-	222,417	222,417
361102-Manholes	R24-92F1.20-P-0001	Replace Manholes	-	-	-	-	-	-	-	-	-	(3,165)	-	-	(3,165)
361102-Manholes	R24-92F1.21-P-0001	Replace Manholes	-	-	235,663	60,683	161,432	-	-	-	-	-	-	79,151	536,929
Total			911,481	1,870,164	247,777	1,433,613	1,921,850	1,374,620	678,698	2,490,033	948,521	508,142	6,041,791	7,167,624	25,594,314

PENNSYLVANIA-AMERICAN WATER COMPANY
 DSIC – TOTAL AGGREGATE PLANT COSTS
 FUTURE TEST YEAR ENDED DECEMBER 31, 2021
 APPENDIX F
 Settlement at Docket No. R-2020-3019371

<u>DSIC Eligible Approved Rate Zones*</u>	
WW SSS Excl. Sadsbury and Exeter Operations	\$11,574,648
WW CSS Scranton Operations	5,993,550
WW CSS McKeesport Operations	<u>3,499,901</u>
Total Wastewater Operations	\$21,068,098

*Sadsbury, Exeter, & Kane have not been included in an approved LTIP and therefore are not DSIC Eligible.

PENNSYLVANIA-AMERICAN WATER COMPANY
 DSIC – TOTAL AGGREGATE PLANT COSTS
 FUTURE TEST YEAR ENDED DECEMBER 31, 2021
 APPENDIX F

Water Operations Excl. Steelton	\$144,627,240
Water Steelton Operations	<u>1,350,000</u>
Total Water Operations	\$145,977,240
WW SSS Excl. Sadsbury and Exeter Operations	\$11,574,648
WW SSS Sadsbury Operations	63,400
WW SSS Exeter Operations	1,330,000
WW CSS Scranton Operations	5,993,550
WW CSS McKeesport Operations	3,499,901
WW CSS Kane Operations	<u>529,526</u>
Total Wastewater Operations	\$22,991,025
Total Water & Wastewater Operations	\$168,968,265

PENNSYLVANIA-AMERICAN WATER COMPANY
 WW SSS EXCL. SADBURY & EXETER OPERATIONS
 DSIC – TOTAL AGGREGATE PLANT COSTS
 FUTURE TEST YEAR ENDED DECEMBER 31, 2021
 SOURCE: VOLUME 5 EXHIBIT NO. 3-C

APPENDIX F

Additions

Project Number	Project Title	Utility Account	2021												2021 Total
			Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
R24-##B1	Collection Sewers Gravity Mains - Replaced/Restored	360.10	\$8,745	\$31,347	\$21,106	\$44,063	\$95,427	\$61,084	\$95,569	\$138,785	\$106,060	\$110,445	\$135,739	\$60,356	\$908,727
R24-##B1	Collection Sewers Gravity Mains - Replaced/Restored	361.10	74,994	268,804	180,984	377,850	818,305	523,805	819,524	1,190,115	909,492	947,094	1,163,994	517,570	7,792,532
R24-##C1	Collection Sewers Gravity Mains - Unscheduled	361.10	35,184	25,808	18,893	20,049	31,245	35,689	35,460	42,174	42,387	32,198	38,145	28,777	386,010
R24-##F1	Manholes - Replaced	361.20	20,067	16,449	23,775	27,282	32,898	31,039	33,357	34,035	44,537	49,160	50,185	27,697	390,480
R24-##H1	Laterals - Replaced	363.00	143,009	112,775	122,022	136,816	179,817	179,808	209,209	204,217	203,713	200,863	190,099	214,551	2,096,899
			\$282,000	\$455,182	\$366,780	\$606,060	\$1,157,692	\$831,426	\$1,193,119	\$1,609,326	\$1,306,189	\$1,339,760	\$1,578,162	\$848,952	\$11,574,648

Additions

Project Number	Project Title	Utility Account	2021												2021 Total
			Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
R24-##B1	Collection Sewers Gravity Mains - Replaced/Restored	361.10	\$49,855	\$178,698	\$120,317	\$251,191	\$544,001	\$348,221	\$544,812	\$791,177	\$604,621	\$629,619	\$773,812	\$344,076	\$5,180,400
R24-##C1	Collection Sewers Gravity Mains - Unscheduled	361.10	41,304	30,296	22,179	23,537	36,680	41,897	41,628	49,509	49,759	37,798	44,780	33,782	453,150
R24-##F1	Manholes - Replaced	361.20	4,625	3,791	5,480	6,288	7,582	7,154	7,688	7,845	10,265	11,331	11,567	6,384	90,000
R24-##H1	Laterals - Replaced	363.00	18,414	14,521	15,712	17,617	23,154	23,152	26,938	26,295	26,230	25,863	24,477	27,626	270,000
			\$114,199	\$227,307	\$163,687	\$298,632	\$611,417	\$420,424	\$621,066	\$874,826	\$690,876	\$704,611	\$854,637	\$411,868	\$5,993,550

Additions

Project Number	Project Title	Utility Account	2021												2021 Total
			Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
R24-##B1	Collection Sewers Gravity Mains - Replaced/Restored	360.10	\$3,282	\$11,762	\$7,920	\$16,534	\$35,808	\$22,921	\$35,861	\$52,078	\$39,798	\$41,443	\$50,935	\$22,648	\$340,990
R24-##C1	Collection Sewers Gravity Mains - Unscheduled	361.10	29,535	105,862	71,277	148,808	322,271	206,289	322,751	468,700	358,183	372,991	458,412	203,833	3,068,911
R24-##F1	Manholes - Replaced	361.20	4,625	3,791	5,480	6,288	7,582	7,154	7,688	7,845	10,265	11,331	11,567	6,384	90,000
			\$37,441	\$121,416	\$84,676	\$171,630	\$365,661	\$236,364	\$366,300	\$528,622	\$408,246	\$425,765	\$520,914	\$232,865	\$3,499,901