



**Susan Simms Marsh**  
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**VIA** e-Filing

September 18, 2020

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, 2020.**

Dear Secretary Chiavetta:

Attached please find the calculation for Pennsylvania-American Water Company's wastewater DSIC calculation effective October 1, 2020 for Tariff Wastewater-PA P.U.C. No. 16. Because the Company reached the DSIC wastewater cap of 5% for the DSIC rate effective January 1, 2020, there will be no change to the DSIC rate and it will remain capped at the 5% rate.

If you have any questions, please contact me.

Sincerely,

Susan Simms Marsh

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Attachment

cc. Office of Consumer Advocate  
Bureau of Investigation and Enforcement  
Office of Small Business Advocate  
Bureau of Technical Utility Services  
Marie Intrieri (Bureau of Technical Utility Services)  
Audit Bureau

# WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE

PA AMERICAN WATER

**October 1, 2020**

Applicable to :

All Rate Zones except Rate Zone 7-Sadsbury, Rate Zone 8-Turbotville  
and Rate Zone 9-Exeter

PENNSYLVANIA AMERICAN WATER  
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE  
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DESCRIPTION		SURCHARGE EFFECTIVE October 1, 2020
APPLICABLE NET ADDITIONS		\$41,948,413
LESS:		
ACCUMULATED DEPRECIATION		(565,543)
RETIREMENTS		3,034,390
NET RATE BASE INCLUDED IN DISTRIBUTION SYSTEM IMPROVEMENT CALCULATIONS	(DSI)	44,417,260
ANNUAL REVENUE REQUIREMENT RATE		9.67%
QUARTERLY REVENUE REQUIREMENT RATE	(PTRR)	2.42%
QUARTERLY CAPITAL COST RECOVERY	(DSI X PTRR)	1,074,898
QUARTERLY DEPRECIATION EXPENSE	(DEP)	160,568
REVENUE REQUIREMENT PRIOR TO ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR		1,235,466
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		1,235,466
MONTHLY RECOVERABLE AMOUNT FOR REVENUE REQUIREMENT		411,822
MONTHLY RECOVERABLE AMOUNT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR		0
BASE RATE REVENUE TO BE COLLECTED DURING OCTOBER THROUGH DECEMBER	(PQR)	14,902,037
CURRENT YEAR DISTRIBUTION SYSTEM IMPROVEMENT CHARGE		8.29%
ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR CHARGE		0.00%
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	(DSIC)	8.29%
LESS: DISTRIBUTION SYSTEM IMPROVEMENT CHARGE - ADJUSTMENT TO CAP		-3.29%
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE - CAP 5%		5.00%

TYPE	AMOUNT (\$000)	CAPITAL STRUCTURE	COST RATE	WEIGHTED AVERAGE COST RATE	REVENUE MULTIPLIER	REVENUE REQUIREMENT
DEBT	\$1,785,400	44.85%	4.45%	2.00%		2.00%
PREFERRED	2,852	0.07%	8.74%	0.01%	1.40631	0.01%
EQUITY	2,192,729	55.08%	9.90%	5.45%	1.40631	7.66%
TOTAL	\$3,980,981	100.00%		7.46%		9.67%

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, 2020. PREFERRED STOCK AND DEBT FIGURES DO NOT REFLECT THE REQUIREMENTS OF FAS150.

ANTICIPATED REVENUES

Oct 2020	\$4,891,800
Nov	\$5,102,575
Dec	\$4,907,662
TOTAL	<u>\$14,902,037</u>

PENNSYLVANIA AMERICAN WATER  
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE  
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STATE ACCOUNT	DESCRIPTION	JANUARY 2019	FEBRUARY 2019	MARCH 2019	APRIL 2019	MAY 2019	JUNE 2019	JULY 2019	AUGUST 2019	SEPTEMBER 2019	OCTOBER 2019	NOVEMBER 2019	DECEMBER 2019	JANUARY 2020	FEBRUARY 2020	MARCH 2020	APRIL 2020	MAY 2020	JUNE 2020	JULY 2020	AUGUST 2020	TOTAL
360000	Mains - Force	\$272,566	\$259,442	\$50,119	(\$2,433)	\$625,079	\$28,804	\$73	\$965,268	\$52,142	\$105,000	\$2,050,314	\$19,772	\$141,924	\$47,226	(\$53,524)	(\$2,425)	\$72,747	\$97,976	\$105,722	\$2,063	\$4,837,855
361100	Mains - Gravity	504,388	43,949	112,915	33,665	74,893	39,527	272,404	1,204,728	71,921	389,205	21,800,704	2,386,798	1,848,377	432,582	395,497	15,953	2,071,462	671,169	1,730,261	3,389,413	37,489,811
361200	Manholes									13,072	25,388	602,626	454,991	139,774	180,310	(76,197)	941	(41,236)	134,580	133,749	144,953	1,712,951
363000	Service Laterals	2,051	2,300	17,901	19,404	29,557	49,867	19,957	53,838	111,159	68,279	20,312	25,810	22,929	47,763	60,070	58,404	110,578	55,828	309,851	(143,671)	942,187
364000	Flow Measuring Devices																					-
365000	Flow Measuring Installs																					-
	ADDITIONS	779,004	305,691	180,935	50,636	729,529	118,198	292,434	2,223,834	248,294	587,872	24,473,956	2,887,371	2,153,004	707,881	325,846	72,873	2,213,551	959,553	2,279,583	3,392,758	44,982,803
	RETIREMENTS	(42,283)	-	-	-	-	-	(43,634)	(200,432)	-	(3,663)	(162)	(2,334)	(118)	-	(478,657)	(211,528)	(108,457)	(489,580)	(855,639)	(597,903)	(3,034,390)
	NET ADDITIONS	\$736,722	\$305,691	\$180,935	\$50,636	\$729,529	\$118,198	\$248,800	\$2,023,402	\$248,294	\$584,209	\$24,473,794	\$2,885,037	\$2,152,886	\$707,881	(\$152,811)	(\$138,655)	\$2,105,094	\$469,973	\$1,423,944	\$2,794,855	\$41,948,413

RETIREMENTS	JANUARY 2019	FEBRUARY 2019	MARCH 2019	APRIL 2019	MAY 2019	JUNE 2019	JULY 2019	AUGUST 2019	SEPTEMBER 2019	OCTOBER 2019	NOVEMBER 2019	DECEMBER 2019	JANUARY 2020	FEBRUARY 2020	MARCH 2020	APRIL 2020	MAY 2020	JUNE 2020	JULY 2020	AUGUST 2020	TOTAL
360000	\$42,283														\$0	\$0	\$3,016	\$1,197	\$27,595	\$401	\$74,492
361000							43,634	200,432		2,621		2,334	118		472,202	205,502	84,729	478,511	825,885	597,502	2,913,470
363000										1,042					6,455	6,026	20,712	9,872	2,159		46,266
364000											162										-
365000																					162
	\$42,283	\$0	\$0	\$0	\$0	\$0	\$43,634	\$200,432	\$0	3,663	162	\$2,334	\$118	\$0	\$478,657	\$211,528	\$108,457	\$489,580	\$855,639	\$597,903	\$3,034,390

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STATE ACCOUNT	DESCRIPTION	EFFECTIVE FOR ADDITIONS	EFFECTIVE FOR ADDITIONS																					TOTAL
		PRIOR TO 9.1.2019 DEPRECIATION RATE	9.1.2019 DEPRECIATION RATE	JANUARY 2019	FEBRUARY 2019	MARCH 2019	APRIL 2019	MAY 2019	JUNE 2019	JULY 2019	AUGUST 2019	SEPTEMBER 2019	OCTOBER 2019	NOVEMBER 2019	DECEMBER 2019	JANUARY 2020	FEBRUARY 2020	MARCH 2020	APRIL 2020	MAY 2020	JUNE 2020	JULY 2020	AUGUST 2020	
360000	Mains - Force	1.82%	1.79%	\$1,240	\$1,180	\$228	-\$11	\$2,844	\$131	\$0	\$4,392	\$233	\$470	\$9,175	\$88	\$635	\$211	(\$240)	(\$11)	\$326	\$438	\$473	\$9	\$ 21,811
361100	Mains Gravity	1.45%	1.32%	1,828	159	409	122	271	143	987	4,367	237	1,284	71,942	7,876	6,100	1,428	1,305	53	6,836	2,215	5,710	11,185	\$ 124,457
361200	Manholes	2.10%	1.61%	0	0	0	0	0	0	0	0	53	102	2,426	1,831	563	726	(307)	4	(166)	542	538	583	\$ 6,895
363000	Service Laterals	3.08%	3.16%	16	18	138	149	228	384	154	415	878	539	160	204	181	377	475	461	874	441	2,448	(1,135)	\$ 7,405
364000	Flow Measuring Devices	7.13%	5.07%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
365000	Flow Measuring Installs	3.47%	3.47%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
	APPLICABLE DEPRECIATION																							
	FIRST QTR 2019			3,084	1,357																			4,441
	SECOND QTR 2019			3,084	1,357	775	260	3,343																8,819
	THIRD QTR 2019			3,084	1,357	775	260	3,343	658	1,141	9,174													19,792
	FOURTH QTR 2019			3,084	1,357	775	260	3,343	658	1,141	9,174	1,401	2,395	83,703										107,291
	FIRST QTR 2020			3,084	1,357	775	260	3,343	658	1,141	9,174	1,401	2,395	83,703	9,999	7,479	2,742							127,511
	SECOND QTR 2020			3,084	1,357	775	260	3,343	658	1,141	9,174	1,401	2,395	83,703	9,999	7,479	2,742	1,233	507					137,121
	THIRD QTR 2020			3,084	1,357	775	260	3,343	658	1,141	9,174	1,401	2,395	83,703	9,999	7,479	2,742	1,233	507					160,568
	ACCUMULATED DEPRECIATION			\$21,588	\$9,499	\$4,650	\$1,560	\$20,058	\$3,290	\$5,705	\$45,870	\$5,604	\$9,580	\$334,812	\$29,997	\$22,437	\$8,226	\$2,466	\$1,014	\$15,740	\$3,636	\$9,169	\$10,642	\$565,543

Pennsylvania-American Water Company - Total  
Schedule of Debt  
August 31, 2020

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
<b>Bonds and Notes</b>													
11/1/2003	11/1/2033	\$38,000,000	\$38,000,000	6.780%	\$2,576,400		\$174,946	\$37,825,054	99.54%		2.13%	6.82%	0.145%
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%		8.40%	7.94%	0.667%
1/15/2006	1/15/2021	20,000,000	\$20,000,000	9.690%	\$1,938,000		116,061	\$19,883,939	99.42%		1.12%	9.76%	0.109%
11/1/2004	11/1/2031	10,000,000	\$10,000,000	8.820%	\$882,000		88,352	\$9,911,648	99.12%		0.56%	8.91%	0.050%
8/1/2004	8/1/2025	10,000,000	\$10,000,000	8.150%	\$815,000		60,119	\$9,939,881	99.40%		0.56%	8.21%	0.046%
1/31/2007	12/21/2021	100,300,000	\$45,135,000	5.770%	\$2,604,290		332,690	\$99,967,310	99.67%		2.53%	5.80%	0.147%
12/21/2012	12/1/2042	23,015,000	\$23,015,000	4.300%	\$989,645	1	895,945	\$22,119,055	96.11%		1.29%	4.54%	0.059%
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%		2.52%	4.38%	0.110%
11/21/2011	10/15/2037	35,000,000	\$35,000,000	5.050%	\$1,767,500		0	\$35,000,000	100.00%		1.96%	5.05%	0.099%
11/21/2011	10/15/2037	15,500,000	\$15,500,000	5.050%	\$782,750		740,260	\$14,759,740	95.22%		0.87%	5.39%	0.047%
11/20/2013	3/1/2024	67,000,000	\$67,000,000	3.850%	\$2,579,500		791,901	\$66,208,099	98.82%		3.75%	3.99%	0.150%
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%		2.03%	3.78%	0.077%
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%		3.68%	4.74%	0.174%
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%		13.44%	3.83%	0.515%
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%		5.68%	4.34%	0.247%
8/9/2018	8/9/2028	74,739,360	\$74,739,360	3.750%	\$2,802,726		623,814	\$74,115,546	99.17%		4.19%	3.85%	0.161%
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%		12.74%	4.26%	0.543%
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%		6.99%	4.59%	0.321%
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%		6.16%	3.57%	0.220%
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%		4.48%	3.17%	0.142%
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%		4.48%	2.72%	0.122%
12/12/2019	12/1/2029	13,165,000	\$13,165,000	2.450%	\$322,543	6	483,935	\$12,681,065	96.32%		0.74%	2.88%	0.021%
4/14/2020	5/1/2030	30,000,000	\$30,000,000	2.800%	\$840,000	31	373,996	\$29,626,004	98.75%		1.68%	2.94%	0.049%
4/14/2020	5/1/2050	90,000,000	\$90,000,000	3.450%	\$3,105,000	32	1,141,788	\$88,858,212	98.73%		5.04%	3.52%	0.177%
<b>Pennvest Loans</b>													
7/1/2012	12/1/2022	3,945,656	535,726	2.774%	14,861	7	8,480	3,937,176	99.79%		0.03%	2.80%	0.001%
7/1/2012	3/1/2022	3,366,155	340,021	3.237%	11,006	9	56,803	3,309,352	98.31%		0.02%	3.44%	0.001%
7/1/2012	3/1/2022	3,623,800	365,925	3.237%	11,845	10	25,430	3,598,370	99.30%		0.02%	3.32%	0.001%
7/1/2012	9/1/2022	4,322,665	556,081	3.237%	18,000	11	25,445	4,297,220	99.41%		0.03%	3.31%	0.001%
7/1/2012	7/1/2024	1,559,205	298,836	2.774%	8,290	12	13,749	1,545,456	99.12%		0.02%	2.86%	0.000%
7/1/2012	11/1/2024	5,721,348	1,270,499	1.156%	14,687	13	29,484	5,691,864	99.48%		0.07%	1.20%	0.001%
7/1/2012	12/1/2025	5,670,111	1,313,358	2.763%	36,288	14	34,130	5,635,981	99.40%		0.07%	2.82%	0.002%
7/1/2012	8/1/2024	5,240,631	1,227,908	2.774%	34,062	15	7,951	5,232,680	99.85%		0.07%	2.79%	0.002%
7/1/2012	10/1/2024	3,099,441	744,365	2.432%	18,103	16	5,660	3,093,781	99.82%		0.04%	2.45%	0.001%
7/1/2012	9/1/2029	2,359,891	1,177,253	2.547%	29,985	17	0	2,359,891	100.00%		0.07%	2.55%	0.002%
7/1/2012	2/1/2031	12,150,000	6,969,779	2.690%	187,487	18	0	12,150,000	100.00%		0.39%	2.69%	0.011%
7/1/2012	10/1/2032	9,936,500	6,668,792	3.117%	207,866	19	0	9,936,500	100.00%		0.37%	3.12%	0.012%
7/1/2012	12/1/2031	1,606,709	1,011,833	3.098%	31,347	20	0	1,606,709	100.00%		0.06%	3.10%	0.002%
7/1/2012	3/1/2041	1,724,610	1,280,803	1.000%	12,808	21	0	1,724,610	100.00%		0.07%	1.00%	0.001%
7/1/2012	4/1/2031	1,675,790	1,134,431	2.810%	31,878	22	0	1,675,790	100.00%		0.06%	2.81%	0.002%
7/1/2012	3/1/2032	1,273,465	719,879	2.690%	19,365	23	0	1,273,465	100.00%		0.04%	2.69%	0.001%
3/22/2013	3/1/2033	1,378,357	888,992	2.196%	19,522	24	0	1,378,357	100.00%		0.05%	2.20%	0.001%
4/1/2015	2/1/2037	15,833,700	12,969,115	1.000%	129,691	25	0	15,833,700	100.00%		0.73%	1.00%	0.007%
10/15/2015	7/1/2040	123,663	101,855	1.000%	1,019	26	0	123,663	100.00%		0.01%	1.00%	0.000%
10/15/2015	7/1/2040	969,823	798,795	1.000%	7,988	27	0	969,823	100.00%		0.04%	1.00%	0.000%
4/21/2016	11/1/2026	2,141,062	1,449,995	1.356%	19,662	28	0	2,141,062	100.00%		0.08%	1.36%	0.001%
12/29/2016	11/1/2037	7,785,187	6,602,104	1.000%	66,021	29	0	7,785,187	100.00%		0.37%	1.00%	0.004%
6/14/2017	11/1/2036	5,549,947	4,884,047	1.439%	70,281	30	0	5,549,947	100.00%		0.27%	1.44%	0.004%
		\$1,888,312,123	\$1,785,399,799		\$75,076,921		\$44,652,834	\$1,843,659,289		\$0	100.00%		4.45%

Pennsylvania-American Water Company - Total  
Schedule of Debt  
August 31, 2020

**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
- (9) Strattanville Pennvest Loan. Interest 1.619% from 2002 to 2007 and 3.237% starting March 2007
- (10) Franklin Township. Interest 1.619% from 2002 to 2007 and 3.237% starting April 2007
- (11) Jackson Township. Interest 1.619% from 2001 to 2006 and 3.237% starting Oct 2007
- (12) Farmington Twp., Interest rate 1.387% for first 70 months and 2.774% (07/2009) for remainder
- (13) Sandy Ridge, Interest rate 1.000% for first 60 months and 1.156% (07/2010) for remainder
- (14) Sligo/Shipperville, Interest rate 1.385% for first 86 months and 2.763% (06/2013) for remainder
- (15) Ellwood/Butler Interconnect, Interest rate 1.387% for first 74 months and 2.774% (08/2009) for remainder
- (16) Mahoning & Union Twp, Interest rate 1.305% for first 82 months and 2.432% (10/2009) for remainder
- (17) Hanover & Collier 1.274% first 2009 - 2014 and 2.547% starting Oct 2014
- (18) Mount Pleasant Water System Extension 1.559% first 2011 - 2016 and 2.69% starting March 2016
- (19) Rock Run WTP 2.414% first 2011 - 2016 and 3.117% starting Dec 2017
- (20) Silver Spring Clearwell 2.376% first 2012 - 2016 and 3.098% starting Jan 2017
- (21) Wallaceton Municipal Authority 1.00% for 30 years starting March 2012
- (22) Pittsburgh Meter Improvements 1.799% first 2012 - 2017 and 2.81% starting April 2017
- (23) Pittsburgh Meter Improvement Project Phase II 1.559% first 60 months and 2.69% starting May 2016
- (24) Southwest PA Pipeline Exts Phase II - Interest 1.591% first 5 years - 2.196% starting April 2018
- (25) Clarion WW Act 537 Implementation Project - Interest rate is 1.0% for the life of the loan
- (26) Paint Twp #1 - Interest rate is 1% for the remaining life of the Bond
- (27) Paint Twp #2 - Interest rate is 1% for the remaining life of the Bond
- (28) Fairview Water Main Extension - Interest rate is 1.356% for the first 5 years, 1.985% April 2021 for remaining 5 years
- (29) Debt assumed as part of Scranton Sewer acquisition
- (30) Washington County Main Extension Project - Interest rate is 1.439% until Oct 2021 - 2.027% for the remaining term
- (31) New unsecured borrowing at a coupon rate of 2.80% for 10 years
- (32) New unsecured borrowing at a coupon rate of 4.30% for 30 years

**PENNSYLVANIA AMERICAN WATER COMPANY**  
**SCHEDULE OF PREFERRED STOCK**  
**August 31, 2020**

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%		6.24%	9.96%	0.62%
23-Apr-71	---	4,250	2,735	425,000	273,500	7,275	417,725	9.35%		9.59%	9.54%	0.92%
21-Nov-91	---	120,000	24,000	12,000,000	2,400,000	82,714	11,917,286	8.49%		84.17%	8.55%	7.20%
		127,250	28,515	\$12,725,000	\$2,851,500	\$95,462	\$12,629,538			100.00%		8.74%

PENNSYLVANIA AMERICAN WATER COMPANY  
 2020 FORECASTED WASTEWATER REVENUES  
**NO DSIC OR STAS**

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
RES	2,817,821	3,010,268	2,799,034	2,715,564	2,774,342	3,001,545	2,903,053	2,854,478	3,035,612	2,740,238	2,916,550	2,851,416	34,419,921
COM	1,026,770	1,085,644	1,029,056	1,105,363	1,113,491	1,163,315	1,108,785	1,354,798	1,223,067	1,119,360	1,158,180	1,031,148	13,518,977
IND	140,319	149,902	114,409	173,459	132,225	155,474	134,247	130,430	124,863	137,157	129,834	111,551	1,633,870
PUB AUTH	188,003	156,154	146,762	164,557	137,765	186,301	121,636	271,641	172,907	156,577	169,962	140,364	2,012,629
BULK	523,092	542,221	632,378	612,477	609,243	646,123	583,291	632,720	762,540	738,468	728,049	773,183	7,783,785
	4,696,005	4,944,189	4,721,639 14,361,833	4,771,420	4,767,066	5,152,758 14,691,244	4,851,012	5,244,067	5,318,989 15,414,068	4,891,800	5,102,575	4,907,662 14,902,037	59,369,182

PENNSYLVANIA AMERICAN WATER COMPANY  
 QUALIFYING WASTEWATER DSIC EXPENDITURES  
 TRANSFERRED AMOUNTS  
 June 2020 - August 2020

WORK ORDER	STATE ACCOUNT	WBS ELEMENT (WORK ORDER)	JUNE 2020	JULY 2020	AUGUST 2020
REPLACE COLLECTION MAINS - FORCE	360000	R24-35B1.19-P-0002	\$ -	\$ -	\$ 894
REPLACE COLLECTION MAINS - FORCE	360000	R24-35D1.20-P-0002	57,203	2,317	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-38B1.19-P-0002	-	14,198	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-38B1.19-P-0003	-	19,980	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-38B1.19-P-0004	(270)	21,517	(1,780)
REPLACE COLLECTION MAINS - FORCE	360000	R24-38H1.20-P-0002	-	13,328	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.19-P-0008	-	755	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.20-P-0005	-	5,727	12
REPLACE COLLECTION MAINS - FORCE	360000	R24-47F1.20-P-0003	-	10,509	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-47H1.20-P-0002	-	-	2,281
REPLACE COLLECTION MAINS - FORCE	360000	R24-67C1.20-P-0001	5	95	(183)
REPLACE COLLECTION MAINS - FORCE	360000	R24-67H1.20-P-0001	-	14,577	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-92B1.20-P-0002	41,038	2,719	839
TOTAL - REPLACE COLLECTION MAINS - FORCE			\$ 97,976	\$ 105,722	\$ 2,063
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-120008-01	\$ (3,624)	\$ -	\$ 658
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-670008-01	9,205	-	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-920006-01	4,668	4,130	7,646
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-920025-01	13,293	620	(16,183)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.19-P-0003	-	22,805	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.19-P-0007	-	(6,802)	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.19-P-0010	-	(12,879)	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.19-P-0017	199	-	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.19-P-0018	-	13,900	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.19-P-0020	-	(8,481)	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0003	-	-	15,137
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0004	-	30,873	(774)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0005	-	-	15,519
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0006	-	-	29,140
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0008	-	22,136	(2,888)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0009	-	14,121	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0011	-	-	16,756
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0012	-	25,532	(1,497)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0013	-	-	26,179
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0014	-	-	5,618
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0015	-	-	41,571
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0020	-	-	17,221
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0021	-	28,279	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0022	-	46,109	(7,886)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0023	-	36,468	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0024	-	-	247,207
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0025	-	-	48,300
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0026	-	-	47,251
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0027	-	-	535,348
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0028	-	-	34,100
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0029	-	99,074	(23,986)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0030	-	31,096	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0032	-	-	38,253
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0033	-	-	38,410
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0034	-	-	19,548
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0035	-	-	94,337
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0036	-	26,486	(6,658)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0037	-	197,339	9,779
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0038	-	-	20,040
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0041	-	40,001	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0043	-	-	17,492
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0045	-	-	36,892
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0046	-	-	23,454
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0048	-	14,343	(4,198)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0050	-	37,533	(6,829)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0051	-	-	16,477
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0052	-	36,741	(1,909)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0053	-	-	71,788
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0054	-	30,717	(3,618)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0055	-	29,646	(9,116)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0056	-	26,347	(3,342)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0057	-	-	27,086
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0058	-	-	183,710
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0060	-	-	12,943
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0062	-	-	8,304
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0064	-	22,413	(2,199)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0065	-	-	10,703
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0067	-	-	23,530
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12B1.20-P-0068	-	24,775	(166)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12C1.18-P-0002	1,391	-	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-12C1.20-P-0001	14,262	234,093	181,666
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-47C1.20-P-0001	-	-	212
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-47D1.17-P-0002	1,888	1,362	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-47H1.20-P-0001	(97)	-	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.18-P-0006	28,907	-	18
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0001	207	-	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0002	333	-	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0003	610	-	206
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0004	600	-	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0005	442	-	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0006	1,154	-	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0007	395	-	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0008	419	-	-
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.20-P-0002	-	51,910	30,225
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.20-P-0003	-	-	62,086
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.20-P-0004	-	50,718	3,170
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.20-P-0005	54,365	6,839	553
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.20-P-0006	-	-	213,688
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.20-P-0007	-	51,879	2,075
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.20-P-0008	61,422	38,458	2,338

PENNSYLVANIA AMERICAN WATER COMPANY  
 QUALIFYING WASTEWATER DSIC EXPENDITURES  
 TRANSFERRED AMOUNTS  
 June 2020 - August 2020

WORK ORDER	STATE ACCOUNT	WBS ELEMENT (WORK ORDER)	JUNE 2020	JULY 2020	AUGUST 2020
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58F1.20-P-0001	41		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-60C1.20-P-0001	2,083	106	158
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.20-P-0002			274,514
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.20-P-0003	3,334	2,776	2,870
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.20-P-0004	8,326	349	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.20-P-0005	(543)		9
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.20-P-0007			310,361
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67C1.20-P-0001	2,155	4,024	339
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-69C1.19-P-0001		38	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-69C1.20-P-0001	8,722	(383)	865
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-87C1.20-P-0001		6,950	299
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.18-P-0002	5		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.18-P-0003	51,239	48,659	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.18-P-0004	146,297	99,555	191,980
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.18-P-0005	(443)		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.18-P-0006	590	(257)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.19-P-0002	10		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.19-P-0005	10	16,750	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.19-P-0006	13,725	1,872	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.20-P-0003	45,772	(39,296)	1,201
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.20-P-0004			222,082
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.20-P-0006		77,991	13,359
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.20-P-0007			16,091
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.20-P-0008			131,084
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92B1.20-P-0010		97,657	(1,321)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92C1.18-P-0001	847	424	2,197
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92C1.19-P-0001	25,769	63,235	34,602
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92C1.20-P-0001	163,275	47,863	43,338
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92F1.19-P-0001	9,916		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-92F1.20-P-0001		33,367	
TOTAL COLLECTION MAINS			\$ 671,169	\$ 1,730,261	\$ 3,389,413

PENNSYLVANIA AMERICAN WATER COMPANY  
 QUALIFYING WASTEWATER DSIC EXPENDITURES  
 TRANSFERRED AMOUNTS  
 June 2020 - August 2020

WORK ORDER	STATE ACCOUNT	WBS ELEMENT (WORK ORDER)	JUNE 2020	JULY 2020	AUGUST 2020
REPLACE MANHOLES	361200	I24-920006-01	\$ 729	\$ 645	\$ 1,194
REPLACE MANHOLES	361200	I24-920025-01	2,417	113	(2,942)
REPLACE MANHOLES	361200	R24-12F1.19-P-0001	25,500	25,601	(72,250)
REPLACE MANHOLES	361200	R24-12F1.20-P-0001	39,334	45,345	180,668
REPLACE MANHOLES	361200	R24-47F1.20-P-0002	-	47,182	-
REPLACE MANHOLES	361200	R24-47F1.20-P-0004	-	2,696	-
REPLACE MANHOLES	361200	R24-58B1.19-P-0001	26	-	-
REPLACE MANHOLES	361200	R24-85F1.20-P-0001	-	1,764	-
REPLACE MANHOLES	361200	R24-92B1.18-P-0003	13,571	12,887	-
REPLACE MANHOLES	361200	R24-92B1.18-P-0004	6,096	4,148	7,999
REPLACE MANHOLES	361200	R24-92F1.20-P-0001	46,907	(6,632)	21,265
REPLACE MANHOLES	361200	R24-92H1.20-P-0001	-	-	9,019
TOTAL SERVICE LATERIALS			\$ 134,580	\$ 133,749	\$ 144,953
REPLACE SERVICE LATERIALS	363000	R24-47H1.20-P-0001	\$ 923		
REPLACE SERVICE LATERIALS	363000	R24-58H1.20-P-0001	10,250	2,339	
REPLACE SERVICE LATERIALS	363000	R24-60H1.20-P-0001	2,780	3,804	
REPLACE SERVICE LATERIALS	363000	R24-67H1.20-P-0001		(339)	4,554
REPLACE SERVICE LATERIALS	363000	R24-69H1.19-P-0001	(27,776)		
REPLACE SERVICE LATERIALS	363000	R24-69H1.20-P-0001	4,849	5,967	48,728
REPLACE SERVICE LATERIALS	363000	R24-83H1.20-P-0001	(57)		
REPLACE SERVICE LATERIALS	363000	R24-87H1.20-P-0001	11,128	604	(86)
REPLACE SERVICE LATERIALS	363000	R24-92H1.19-P-0001	5,525	11,548	5,567
REPLACE SERVICE LATERIALS	363000	R24-92H1.20-P-0001	48,206	285,928	(202,434)
TOTAL SERVICE LATERIALS			\$ 55,828	\$ 309,851	\$ (143,671)
TOTAL DSIC EXPENDITURES			\$ 959,553	\$ 2,279,583	\$ 3,392,758