



Susan Simms Marsh

Deputy General Counsel

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VIA e-Filing

December 20, 2019

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 January 1, 2020 and
update to the areas affected by the DSIC**

Dear Secretary Chiavetta:

Attached please find Supplement No. 17 to Tariff Wastewater PA P.U.C. No. 16 for Pennsylvania-American Water Company which bears the issue date of December 20, 2019, filed in accordance with the Pennsylvania Public Utility Commission Order at Docket No. P-2014-2431005, entered December 4, 2014.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in blue ink that reads "Susan Simms Marsh".

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

PENNSYLVANIA-AMERICAN WATER COMPANY
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, MONROE COUNTY,
NORTHUMBERLAND COUNTY, PIKE COUNTY, WASHINGTON COUNTY AND YORK COUNTY
ALL IN THE COMMONWEALTH OF PENNSYLVANIA

Issued: December 20, 2019

Effective: January 1, 2020

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)**

PENNSYLVANIA-AMERICAN WATER COMPANY

LIST OF CHANGES

This tariff supplement and increases the Wastewater Distribution System Improvement Charge (DSIC) on page 18.1 (5th Revision) of the Company's tariff from 3.12% to 5.00%, effective January 1, 2020, 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 5.00% 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:

Rate Zone 1 – Coatesville, Claysville, Clarion, Pocono, Northeast (Lehman Pike including Winona Lakes, Blue Mountain Lakes and Clean Treatment) Districts.

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

January 1, 2020

Applicable to :

Rate Zone 1 Districts - Coatesville, Claysville, Clean Treatment,
Clarion, Pocono, Lehman Pike, Winona Lakes, and Blue Mountain

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 1

DESCRIPTION	SURCHARGE EFFECTIVE January 1, 2020
APPLICABLE NET ADDITIONS	\$11,291,026
LESS:	
ACCUMULATED DEPRECIATION	(79,378)
RETIREMENTS	290,174
NET RATE BASE INCLUDED IN DISTRIBUTION SYSTEM IMPROVEMENT CALCULATIONS	(DSI) 11,501,822
ANNUAL REVENUE REQUIREMENT RATE	9.83%
QUARTERLY REVENUE REQUIREMENT RATE	(PTRR) 2.46%
QUARTERLY CAPITAL COST RECOVERY	(DSI X PTRR) 282,945
QUARTERLY DEPRECIATION EXPENSE	(DEP) 46,326
REVENUE REQUIREMENT PRIOR TO ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	329,271
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	329,271
MONTHLY RECOVERABLE AMOUNT FOR REVENUE REQUIREMENT	109,757
MONTHLY RECOVERABLE AMOUNT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	0
BASE RATE REVENUE TO BE COLLECTED DURING OCTOBER THROUGH DECEMBER	(PQR) 4,035,814
CURRENT YEAR DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	8.16%
ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR CHARGE	0.00%
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	(DSIC) 8.16%
LESS: DISTRIBUTION SYSTEM IMPROVEMENT CHARGE - ADJUSTMENT TO CAP	-3.16%
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE - CAP 5%	5.00%

TYPE	AMOUNT (\$000)	CAPITAL STRUCTURE	COST RATE	WEIGHTED AVERAGE COST RATE	REVENUE MULTIPLIER	REVENUE REQUIREMENT
DEBT	\$1,669,266	44.74%	4.68%	2.10%		2.10%
PREFERRED	4,052	0.11%	8.68%	0.01%	1.40631	0.01%
EQUITY	2,057,958	55.15%	9.95%	5.49%	1.40631	7.72%
TOTAL	\$3,731,276	100.00%		7.60%		9.83%

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: November 30, 2019. PREFERRED STOCK AND DEBT FIGURES DO NOT REFLECT THE REQUIREMENTS OF FAS150.

ANTICIPATED REVENUES

January 2020	\$1,211,625
February	\$1,455,573
March	\$1,368,616
TOTAL	<u>\$4,035,814</u>

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 2

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	TOTAL
360000	Mains - Force	\$272,566	\$269,442	\$50,119	(\$2,433)	\$625,079	\$28,804	\$73	\$965,268	\$39,333	\$86,341	\$987,262	\$3,311,854
361100	Mains - Gravity	504,388	43,949	112,915	33,665	74,893	39,527	272,404	1,204,728	(112,351)	78,917	5,701,606	7,954,641
361200	Manholes									(1,211)	3	1,436	228
363000	Service Laterals	2,051	2,300	17,901	19,404	29,557	49,867	19,957	53,838	78,313	38,607	2,683	314,478
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	4,084	203,868	6,692,987	11,581,200
	RETIREMENTS	(42,283)	-	-	-	-	-	(43,634)	(200,432)	-	(3,663)	(162)	(290,174)
	NET ADDITIONS	\$736,722	\$305,691	\$180,935	\$50,636	\$729,529	\$118,198	\$248,800	\$2,023,402	\$4,084	\$200,205	\$6,692,825	\$11,291,026

RETIREMENTS	JANUARY 2019	FEBRUARY 2019	MARCH 2019	APRIL 2019	MAY 2019	JUNE 2019	JULY 2019	AUGUST 2019	SEPTEMBER 2019	OCTOBER 2019	NOVEMBER 2019	TOTAL
360000	\$42,283											\$42,283
361000							43,634	200,432		2,621		246,687
363000										1,042		1,042
364000												-
365000											162	162
	\$42,283	\$0	\$0	\$0	\$0	\$0	\$43,634	\$200,432	\$0	\$3,663	\$162	\$290,174

PENNSYLVANIA AMERICAN WATER
 WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
 PAGE 3

STATE ACCOUNT	DESCRIPTION	DEPRECIATION RATE	JANUARY 2019	FEBRUARY 2019	MARCH 2019	APRIL 2019	MAY 2019	JUNE 2019	JULY 2019	AUGUST 2019	SEPTEMBER 2019	OCTOBER 2019	NOVEMBER 2019	TOTAL
360000	Mains - Force	1.82%	\$1,240	\$1,180	\$228	-\$11	\$2,844	\$131	\$0	\$4,392	\$179	\$393	\$4,492	\$ 16,088
361100	Mains Gravity	1.46%	1,828	159	409	122	271	143	987	4,367	(407)	286	20,868	\$ 28,833
361200	Manholes	2.10%	0	0	0	0	0	0	0	0	(6)	0	8	\$ 2
363000	Service Laterals	3.08%	16	18	138	149	228	384	164	416	603	297	21	\$ 2,423
364000	Flow Measuring Devices	7.13%	0	0	0	0	0	0	0	0	0	0	0	\$ -
365000	Flow Measuring Installs	3.47%	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	369	976	25,189	46,326
	ACCUMULATED DEPRECIATION		\$12,336	\$5,428	\$2,325	\$780	\$10,029	\$1,316	\$2,282	\$18,348	\$369	\$976	\$26,189	\$ 79,378

Pennsylvania-American Water Company - Total
Schedule of Debt
November 30, 2019

Date of Issue	Date of Maturity	Amount Issued	Amount Outstanding	Coupon Rate	Annual Interest	Not e #	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	6.78%	\$2,576,400		\$174,946	\$37,825,054	99.54%		2.28%	6.82%	0.1553%
9/1/2006	9/1/2026	150,000,000	\$150,000,000	7.80%	\$11,700,000		2,069,648	\$147,930,352	98.62%		8.99%	7.94%	0.7135%
1/15/2006	1/15/2021	20,000,000	\$20,000,000	9.69%	\$1,938,000		116,061	\$19,883,939	99.42%		1.20%	9.76%	0.1169%
11/1/2004	11/1/2031	10,000,000	\$10,000,000	8.82%	\$882,000		88,352	\$9,911,648	99.12%		0.60%	8.91%	0.0534%
8/1/2004	8/1/2025	10,000,000	\$10,000,000	8.15%	\$815,000		60,119	\$9,939,881	99.40%		0.60%	8.21%	0.0492%
1/31/2007	12/21/2021	100,300,000	\$45,135,000	5.77%	\$2,604,290		332,690	\$99,967,310	99.67%		2.70%	5.80%	0.1568%
12/21/2012	12/1/2042	23,015,000	\$23,015,000	4.30%	\$989,645	31	895,945	\$22,119,055	96.11%		1.38%	4.54%	0.0626%
12/17/2012	12/1/2042	45,000,000	\$45,000,000	4.30%	\$1,935,000	32	582,689	\$44,417,311	98.71%		2.70%	4.38%	0.1181%
12/1/2009	12/1/2039	80,000,000	\$80,000,000	5.50%	\$4,400,000	21	1,340,809	\$78,659,191	98.32%		4.79%	5.62%	0.2693%
12/1/2009	12/1/2039	13,165,000	\$13,165,000	5.50%	\$724,075	21	351,823	\$12,813,177	97.33%		0.79%	5.69%	0.0449%
11/21/2011	10/15/2037	35,000,000	\$35,000,000	5.05%	\$1,767,500		0	\$35,000,000	100.00%		2.10%	5.05%	0.1059%
11/21/2011	10/15/2037	15,500,000	\$15,500,000	5.05%	\$782,750		740,260	\$14,759,740	95.22%		0.93%	5.39%	0.0500%
11/20/2013	3/1/2024	67,000,000	\$67,000,000	3.85%	\$2,579,500		791,901	\$66,208,099	98.82%		4.01%	3.99%	0.1601%
8/14/2014	3/1/2025	36,200,000	\$36,200,000	3.40%	\$1,230,800		1,189,364	\$35,010,636	96.71%		2.17%	3.78%	0.0820%
8/14/2014	12/1/2042	65,700,000	\$65,700,000	4.30%	\$2,825,100		4,432,879	\$61,267,121	93.25%		3.94%	4.74%	0.1866%
8/10/2017	9/1/2047	240,000,000	\$240,000,000	3.75%	\$9,000,000		3,231,905	\$236,768,095	98.65%		14.38%	3.83%	0.5507%
9/13/2017	9/1/2027	101,426,171	\$101,426,171	2.95%	\$2,992,072	39	11,291,519	\$90,134,652	88.87%		6.08%	4.34%	0.2637%
8/9/2018	9/1/2028	74,739,360	\$74,739,360	3.75%	\$2,802,726		623,814	\$74,115,546	99.17%		4.48%	3.85%	0.1724%
8/9/2018	9/1/2048	227,489,000	\$227,489,000	4.20%	\$9,554,538		2,490,214	\$224,998,786	98.91%		13.63%	4.26%	0.5806%
9/1/2018	9/1/2028	124,719,875	\$124,719,875	3.75%	\$4,676,995	40	8,287,774	\$116,432,101	93.35%		7.47%	4.59%	0.3429%
5/23/2019	6/1/2029	110,000,000	\$110,000,000	3.45%	\$3,795,000		1,107,566	\$108,892,434	98.99%		6.59%	3.57%	0.2353%
6/21/2019	4/1/2039	80,000,000	\$80,000,000	3.00%	\$2,400,000	41	1,313,529	\$78,686,471	98.36%		4.79%	3.11%	0.1490%
Pennvest Loans													
7/1/2012	12/1/2022	3,945,656	700,697	2.77%	19,437	12	8,480	3,937,176	99.79%		0.04%	2.80%	0.0012%
7/1/2012	2/1/2020	3,470,505	52,892	1.18%	626	9	17,155	3,453,350	99.51%		0.00%	1.25%	0.0000%
7/1/2012	3/1/2022	3,366,155	495,109	3.24%	16,027	8	56,803	3,309,352	98.31%		0.03%	3.44%	0.0010%
7/1/2012	3/1/2022	3,623,800	532,828	3.24%	17,248	10	25,430	3,598,370	99.30%		0.03%	3.32%	0.0011%
7/1/2012	9/1/2022	4,322,665	747,277	3.24%	24,189	11	25,445	4,297,220	99.41%		0.04%	3.31%	0.0015%
7/1/2012	7/1/2024	1,559,205	352,452	2.77%	9,777	15	13,749	1,545,456	99.12%		0.02%	2.86%	0.0006%
7/1/2012	11/1/2024	5,721,348	1,488,300	1.16%	17,205	16	29,484	5,691,864	99.48%		0.09%	1.20%	0.0011%
7/1/2012	12/1/2025	5,670,111	1,483,028	2.76%	40,976	17	34,130	5,635,981	99.40%		0.09%	2.82%	0.0025%
7/1/2012	8/1/2024	5,240,631	1,443,372	2.77%	40,039	13	7,951	5,232,680	99.85%		0.09%	2.79%	0.0024%
7/1/2012	10/1/2024	3,099,441	870,530	2.43%	21,171	14	5,660	3,093,781	99.82%		0.05%	2.45%	0.0013%
7/1/2012	9/1/2029	2,359,891	1,262,838	2.55%	32,164	19	0	2,359,891	100.00%		0.08%	2.55%	0.0019%
7/1/2012	2/1/2031	12,150,000	7,396,377	2.69%	198,963	24	0	12,150,000	100.00%		0.44%	2.69%	0.0119%
7/1/2012	10/1/2032	9,936,500	6,997,323	3.12%	218,107	25	0	9,936,500	100.00%		0.42%	3.12%	0.0131%
7/1/2012	12/1/2031	1,606,709	1,067,094	3.10%	33,059	26	0	1,606,709	100.00%		0.06%	3.10%	0.0020%
7/1/2012	3/1/2041	1,724,610	1,322,679	1.00%	13,227	27	0	1,724,610	100.00%		0.08%	1.00%	0.0008%
7/1/2012	4/1/2031	1,675,790	1,202,136	2.81%	33,780	28	0	1,675,790	100.00%		0.07%	2.81%	0.0020%
7/1/2012	3/1/2032	1,273,465	762,764	2.69%	20,518	29	0	1,273,465	100.00%		0.05%	2.69%	0.0012%
3/22/2013	3/1/2033	1,378,357	934,624	2.20%	20,524	33	0	1,378,357	100.00%		0.06%	2.20%	0.0012%
4/1/2015	9/1/2032	15,833,700	13,510,285	1.00%	135,103	34	0	15,833,700	100.00%		0.81%	1.00%	0.0081%
10/15/2015	7/1/2040	123,663	105,309	1.00%	1,053	35	0	123,663	100.00%		0.01%	1.00%	0.0001%
10/15/2015	7/1/2040	969,823	825,879	1.00%	8,259	35	0	969,823	100.00%		0.05%	1.00%	0.0005%
4/21/2016	11/1/2026	2,141,062	1,612,184	1.36%	21,861	36	0	2,141,062	100.00%		0.10%	1.36%	0.0013%
12/29/2016	11/1/2037	7,785,187	6,927,697	1.00%	69,277	37	0	7,785,187	100.00%		0.42%	1.00%	0.0042%
6/14/2017	11/1/2036	5,549,947	5,083,074	1.44%	73,145	38	0	5,549,947	100.00%		0.30%	1.44%	0.0044%
		\$1,771,782,628	\$1,669,266,152		\$74,057,126		\$41,738,093	\$1,730,044,535		\$0	100.00%		4.68%

Pennsylvania-American Water Company - Total
Schedule of Debt
November 30, 2019

Notes to Debt Schedule

- (8) Strattanville Pennvest Loan. Interest 1.619% from 2002 to 2007 and 3.237% starting March 2007.
- (9) Pocono Country Place. Interest 1.00% from 2000 to 2005 and 1.184% from 2006 to 2020.
- (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) Eldersville, Jefferson, and Crosscreek, interest 1.387% for first 70 months and 2.774% (12/2007) for remainder.
- (13) Ellwood/Butler Interconnect, Interest rate 1.387% for first 74 months and 2.774% (08/2009) for remainder
- (14) Mahoning & Union Twp, Interest rate 1.305% for first 82 months and 2.432% (10/2009) for remainder
- (15) Farmington Twp., Interest rate 1.387% for first 70 months and 2.774% (07/2009) for remainder
- (16) Sandy Ridge, Interest rate 1.000% for first 60 months and 1.156% (07/2010) for remainder
- (17) Sligo/Shipperville, Interest rate 1.385% for first 86 months and 2.763% (06/2013) for remainder
- (19) Hanover & Collier 1.274% first 2009 - 2014 and 2.547% starting Oct 2014..
- (21) Remarketed Dec 09 with a 30 year term.
- (24) Mount Pleasant Water System Extension 1.559% first 2011 - 2016 and 2.69% starting March 2016.
- (25) Rock Run WTP 2.414% first 2011 - 2016 and 3.117% starting Dec 2017
- (26) Silver Spring Cleanwell 2.376% first 2012 - 2016 and 3.098% starting Jan 2017.
- (27) Wallaceton Municipal Authority 1.00% for 30 years starting March 2012.
- (28) Pittsburgh Meter Improvements 1.799% first 2012 - 2017 and 2.81% starting May 1, 2018.
- (29) Pittsburgh Meter Improvement Project Phase II 1.559% first 60 months and 2.69% starting May 2016.
- (31) Re-issuance 12/21/12 from Parent at a coupon rate of 4.30% for 30 years
- (32) New unsecured borrowing at a coupon rate of 4.30% for 30 years
- (33) Southwest PA Pipeline Exts Phase II - Interest 1.591% first 5 years - 2.196% starting March 2018
- (34) Clarion WW Act 537 Implementation Project - Interest rate is 1.0% for the life of the loan
- (35) Paint Twp #1 - Interest rate is 1% for the remaining life of the Bond
- (35) Paint Twp #2 - Interest rate is 1% for the remaining life of the Bond
- (36) Fairview Water Main Extension - Interest rate is 1.356% for the first 5 years, 1.985% April 2021 for remaining 15 years
- (37) Debt assumed as part of Scranton Sewer acquisition
- (38) Washington County Main Extension Project - Interest rate is 1.439% until Oct 2021 - 2.027% for the remaining term
- (39) Issuances costs included make whole premium of \$10M
- (40) Issuances costs included make whole premium of \$7.2M
- (41) Refinance of \$90M issued on 4/8/2009 at a lower rate for the duration of the bond.

PENNSYLVANIA AMERICAN WATER COMPANY
SCHEDULE OF PREFERRED STOCK
November 30, 2019

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%		4.39%	9.96%	0.44%
23-Apr-71	---	4,250	2,735	425,000	273,500	7,275	417,725	9.35%		6.75%	9.54%	0.64%
21-Nov-91	---	120,000	36,000	12,000,000	3,600,000	82,714	11,917,286	8.49%		88.86%	8.55%	7.60%
		127,250	40,515	\$12,725,000	\$4,051,500	\$95,462	\$12,629,538			100.00%		8.68%

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	734,148	916,571	769,646	833,318	832,336	885,740	887,663	831,445	909,533	774,385	881,696	841,050	10,097,531
COM	152,266	163,159	154,584	161,082	160,949	157,017	159,650	375,254	179,112	191,863	170,448	140,971	2,166,355
IND	63,496	66,054	61,246	68,364	60,954	66,492	61,220	65,762	53,184	58,473	38,623	36,699	700,567
PUB AUTH	40,043	49,688	52,182	58,611	44,565	37,129	33,647	42,259	50,148	50,110	38,600	41,243	538,225
BULK	221,672	260,101	330,958	320,707	307,823	354,354	281,871	331,300	470,771	437,049	436,279	471,764	4,224,649
	1,211,625	1,455,573	1,368,616 4,035,814	1,442,082	1,406,627	1,500,732 4,349,441	1,424,051	1,646,020	1,662,748 4,732,819	1,511,880	1,565,646	1,531,727 4,609,253	17,727,327 17,727,327

PENNSYLVANIA AMERICAN WATER COMPANY
 QUALIFYING WASTEWATER DSIC EXPENDITURES
 TRANSFERRED AMOUNTS
 September 2019 - November 2019

WORK ORDER	STATE ACCOUNT	WBS ELEMENT (WORK ORDER)	SEPTEMBER 2019	OCTOBER 2019	NOVEMBER 2019
REPLACE COLLECTION MAINS - FORCE	360000	I24-690001-07	\$ (3,660)		
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.18-P-0002	22,736	(1)	
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.18-P-0007	19,751	(1)	40
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.18-P-0009			64,029
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.19-P-0002			135,506
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.19-P-0003		(23,427)	-
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.19-P-0004			8,708
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.19-P-0005			222,483
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.19-P-0006			330,376
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.19-P-0007		107,074	4,565
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.19-P-0008	215	2,696	13,726
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.19-P-0009			208,391
REPLACE COLLECTION MAINS - FORCE	360000	R24-67C1.19-P-0001	291		(562)
TOTAL - REPLACE COLLECTION MAINS - FORCE			\$ 39,333	\$ 86,341	\$ 987,262
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-670008-01			\$ 5,301,706
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-690001-07	(179,506)		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-47B1.18-P-0008	20,417	16,347	7,456
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-47B1.18-P-0010			34,285
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-47H1.19-P-0001		1,001	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.18-P-0002		(8,993)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.18-P-0003		(4,162)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0001	3,202	21	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0002	4,314	24	1,088
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0003	3,496	1,602	(490)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0004	4,703	24	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0005	3,097	989	(458)
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0006			247,678
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0007		56,354	560
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.19-P-0008	6,985	4,555	3,792
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58C1.19-P-0001	2,986	90	2
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.18-P-0004		(1)	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.18-P-0009	193		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.18-P-0010		1,016	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.19-P-0001			102,412
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.19-P-0002	2,650	2,547	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.19-P-0003	2,382	5,605	
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67C1.19-P-0001	12,730		3,575
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-69F1.19-P-0001		1,898	
TOTAL COLLECTION MAINS			\$ (112,351)	\$ 78,917	\$ 5,701,606
REPLACE MANHOLES	361200	R24-47F1.15-P-0002	\$ (5,211)		
REPLACE MANHOLES	361200	R24-58B1.16-P-0002	(4,609)		
REPLACE MANHOLES	361200	R24-58B1.19-P-0001	5,347	3	
REPLACE MANHOLES	361200	R24-67F1.19-P-0001	3,262		1,436
TOTAL SERVICE LATERIALS			\$ (1,211)	\$ 3	\$ 1,436
REPLACE SERVICE LATERIALS	363000	I24-690001-07	\$ (18,196)		
REPLACE SERVICE LATERIALS	363000	R24-47H1.19-P-0001	1,001	(7,377)	
REPLACE SERVICE LATERIALS	363000	R24-58H1.19-P-0001			2,599
REPLACE SERVICE LATERIALS	363000	R24-67F1.19-P-0001	141		(132)
REPLACE SERVICE LATERIALS	363000	R24-67H1.19-P-0001	20,907	(72)	164
REPLACE SERVICE LATERIALS	363000	R24-69F1.19-P-0001	1,898	(1,840)	
REPLACE SERVICE LATERIALS	363000	R24-69H1.19-P-0001	72,562	47,896	52
TOTAL SERVICE LATERIALS			\$ 78,313	\$ 38,607	\$ 2,683
TOTAL DSIC EXPENDITURES			\$ 4,084	\$ 203,868	\$ 6,692,987