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VIA E-Mail

May 20, 2020

Rosemary Chiavetta, Secretary
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120

Re: General Base Rate Filing for Water Operations
Docket No. R-2020-3019369

General Base Rate Filing for Wastewater Operations
Docket No. R-2020-3019371

Dear Secretary Chiavetta:

On April 29, 2020, Pennsylvania-American Water Company, filed a General Base Rate Filing for its water and wastewater operations.

Inadvertently, the public version of the currently posted Volume 20 on the Commission's website contains confidential information. The Company respectfully requests that it be removed from the Commission's website and the enclosed revised public version of Volume 20 be made available on the Commission's website.

A copy of the correspondence is being provided to the parties that received the rate filing on April 20, 2020, as indicated on the enclosed Certificate of Service.

If you have any questions, please do not hesitate to contact me.

Sincerely,

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

Susan Simms Marsh

Enclosures

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Pennsylvania Public Utility Commission :
 :
 v. : Docket Nos. R-2020-3019369 (Water)
 : R-2020-3019371 (Wastewater)
 :
 Pennsylvania American Water Company :

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true and correct copy of the foregoing document upon the following persons, in the manner indicated below:

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Dated: May 20, 2020

PENNSYLVANIA-AMERICAN WATER COMPANY

**2020 GENERAL BASE RATE CASE
R-2020-3019369 (WATER)
R-2020-3019371 (WASTEWATER)**

**EXHIBITS NO. 12-I, 12-J, 12-K, 12-L, 12-M, 12-N, 12-O, 12-P
REVENUE RATE APPLICATION FOR
WATER OPERATIONS EXCL. STEELTON, WATER STEELTON
WASTEWATER SSS EXCL. SADBURY & EXETER,
WW SSS SADBURY, WW SSS EXETER, WW CSS SCRANTON,
WW CSS MCKEESPORT, WW CSS KANE**

**EXHIBIT NO. 12-I -
REVENUE RATE APPLICATION FOR
WATER OPERATIONS
EXCLUDING STEELTON**

PENNSYLVANIA-AMERICAN WATER COMPANY
MECHANICSBURG, PENNSYLVANIA

WATER OPERATIONS EXCLUDING STEELTON
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

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PENNSYLVANIA-AMERICAN WATER COMPANY

WATER OPERATIONS EXCLUDING STEELTON APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019 AND PRO FORMA REVENUE UNDER PRESENT AND PROPOSED RATES AS OF DECEMBER 31, 2021, AND 2022

INTRODUCTION

Water Operations excluding Steelton is organized into eleven schedules. Schedules 1 and 2 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2022. Schedules 3 and 4 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2021. Schedules 5 and 6 summarize the application of present rates to the consumption analysis and the pro forma adjustments under present rates for the twelve months ended December 31, 2019, 2020 and 2021. Schedules 7 through 10 set forth the application of present and proposed rates to the detailed consumption analysis and billing determinants. Schedule 11 sets forth the comparison of customer bills under present and proposed rates, for all rate zones.

PRESENT RATE APPLICATION

Schedule 5 summarizes the pro forma revenues under present rates. Column 2 presents the revenues per books adjusted for the removal of DSIC and TCJA surcharge revenues. Column 3 presents the revenues from the application of base rates in effect

during the test year for each rate zone to the detailed consumption analysis for the twelve months ended December 31, 2019. The application of rates for the various rate zones and customer classifications is summarized in Schedule 6, from the application of present rates in Schedules 7, 8 and 9. The adjustment factor in column 4 is calculated by dividing column 2 by column 3.

Column 5 of Schedule 5 is the result of applying the adjustment factor in column 4 to the revenues in column 3. The application of present base rates to the pro forma historic and future test year adjustments of number of bills and consumption is presented in Schedule 10 and brought forward to column 6 of Schedule 3. Column 7 shows the amount of DSIC revenue annualized for the test year and column 8 shows the amount of TCJA surcharge annualized for the test year. Columns 7 and 8 are added to columns 5 and 6 to arrive at the total pro forma revenues under present rates in column 9.

2021 RATE APPLICATION

Schedule 3 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2021 and determines the revenue increase by customer classification under proposed rates. Under proposed rates, Rate Zone 1 rates are applied to all customer classifications in Rate Zones 1 and 2. Rate Zones 3, the Commercial customers in Rate Zone 4 and Winola have rates different than Rate Zone 1. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 8 of Schedule 5. Column 3 is the result of applying proposed rates to the detailed consumption analysis presented in Schedules 7, 8 and 9, and summarized in Schedule 4. The adjustment factor is applied to the revenues in column 3 to determine the proposed revenues in column 5. Column 6 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 10. Column 7 is the sum of columns 5 and 6 and is the total pro forma revenues under

proposed rates. The proposed increase in revenues is shown in column 8 by subtracting the pro forma revenues under present rates in column 2 from the pro forma revenues under proposed rates in column 7. The percent increase is shown in column 9.

2022 RATE APPLICATION

Schedule 1 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2022 and determines the revenue increase by customer classification under proposed rates. Under proposed rates, Rate Zone 1 rates are applied to all rate zones and customer classifications with the exception of Winola, which maintains its current rates. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 7 of Schedule 3. Column 3 adjusts these revenues for 2022 revenue adjustments under 2021 rates and is added to column 2 to develop proposed 2022 revenues under 2021 rates. Column 5 is the result of applying proposed rates to the detailed consumption analysis presented in Schedules 7, 8 and 9, and summarized in Schedule 2. The adjustment factor is applied to the revenues in column 6 to determine the proposed revenues in column 7. Column 8 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 10 and summarized in Schedule 2. Column 9 is the sum of columns 7 and 8 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 10 by subtracting the pro forma revenues under present rates in column 4 from the pro forma revenues under proposed rates in column 9. The percent increase is shown in column 11.

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES

Schedule 11 presents a comparison of customers' bills under present and 2021 rates and a comparison of customers' bills under 2021 rates and 2022 rates at various consumption levels for each rate zone for the residential classification. For the purposes of this comparison for Rate Zones 1,2 and 3, the bills under present rates include the DSIC surcharge at 5.00% and a TCJA surcharge of -6.79%.

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
 SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021 AND 2022
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER 2022 RATES

Customer Classification (1)	Pro Forma Revenues, 2021 Rates (Schedule 3) (2)	Pro Forma Adjustments 2021 Rates (Schedule 4) (3)	Pro Forma Revenues, 2021 Rates As of 2022 (4)	Bill Analysis Revenues, 2022 Rates (Schedule 2) (5)	Adjustment Factor (Sch. 3, col 4) (6)	Revenues, Proposed Rates (7)=(5)X(6) (7)=(5)X(6)	2022 Pro Forma Adjustments Proposed Rates (Schedule 2) (8)	Total Pro Forma Revenue 2022 Rates (9)=(7)+(8)	2022 Increase (10)=(9)-(4)	Percent Increase (11)
METERED SALES										
Residential	\$ 465,874,660	\$ (4,433,260)	\$ 461,441,400	\$ 504,840,312	0.99900162	\$ 504,336,289	\$ (16,269,794)	\$ 488,066,496	\$ 26,625,096	5.8%
Commercial	173,365,188	(406,327)	172,958,861	189,797,823	0.99973510	189,747,546	(5,210,291)	184,537,254	11,578,394	6.7%
Industrial	31,686,583	51,976	31,738,559	34,003,307	0.99970165	33,993,162	(438,607)	33,554,555	1,815,996	5.7%
Municipal	20,894,149	-	20,894,149	21,980,369	1.00084052	21,998,844	(659,674)	21,339,170	445,021	2.1%
Other Water Utilities - Group A	2,519,780	73,106	2,592,886	2,632,571	0.99998186	2,632,523	-	2,632,523	39,637	1.5%
Other Water Utilities - Group B	119,850	-	119,850	130,408	1.00000212	130,408	-	130,408	10,558	8.8%
Total Metered Sales	694,460,209	(4,714,505)	689,745,704	753,384,790		752,838,772	(22,578,366)	730,260,406	40,514,702	5.9%
UNMETERED SALES										
Residential	119,364	-	119,364	106,950	1.00048468	107,002	12,362	119,364	-	0.0%
Commercial	-	-	-	-	1.00000000	-	-	-	-	-
Private Fire Protection	4,821,047	-	4,821,047	5,058,921	0.87959360	5,058,921	-	5,058,921	237,875	4.9%
Public Fire Protection	8,798,003	77,535	8,875,537	8,987,859	1.00000000	8,987,859	-	8,987,859	112,321	1.3%
Subtotal Unmetered Sales	13,738,413	77,535	13,815,947	14,153,730		14,153,782	12,362	14,166,143	350,196	2.5%
Total Sales of Water	708,198,622	(4,636,971)	703,561,652	767,538,520		766,992,554	(22,566,005)	744,426,549	40,864,898	5.8%
Other Operating Revenues	10,874,802	(85)	10,874,717	10,874,717		10,874,717		11,117,944	243,227	2.2%
Total	\$ 719,073,424	\$ (4,637,056)	\$ 714,436,369	\$ 778,413,237		\$ 777,867,271	\$ (22,566,005)	\$ 755,544,493	\$ 41,108,125	5.8%

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
 SUMMARY OF APPLICATION OF 2022 RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019-2022

Rate Zone (1)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Sales for Resale		Metered Total (8)	Flat Rate	
					Group A (6)	Group B (7)		Residential (9)	Commercial (10)
<u>Present Rate Application, Schedule 7</u>									
Zone 1	\$ 503,868,927	\$ 189,638,943	\$ 34,003,307	\$ 21,975,589	\$ 2,632,571	\$ 130,408	\$ 752,249,744	\$ 106,950	\$ -
Zone 2	788,795	97,339		4,266			890,400		
Zone 3	96,999	18,754		299			116,052		
Zone 4	85,590	42,788		216			128,594		
Total	\$ 504,840,312	\$ 189,797,823	\$ 34,003,307	\$ 21,980,369	\$ 2,632,571	\$ 130,408	\$ 753,384,790	\$ 106,950	\$ -
<u>Proforma Adjustments - Schedule 10</u>									
Zone 1	\$ (16,390,855)	\$ (5,253,565)	\$ (438,866)	\$ (659,674)			\$ (22,742,961)		
Zone 2							-		
Zone 3							-		
Zone 4	121,061	43,274	259				164,595		
Winola Acq.							-	12,362	
Total	\$ (16,269,794)	\$ (5,210,291)	\$ (438,607)	\$ (659,674)	\$ -	\$ -	\$ (22,578,366)	\$ 12,362	\$ -
Total - 2022	\$ 488,570,518	\$ 184,587,532	\$ 33,564,700	\$ 21,320,695	\$ 2,632,571	\$ 130,408	\$ 730,806,423	\$ 119,312	\$ -

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
 SUMMARY OF PROFORMA REVENUES UNDER 2021 RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER 2021 RATES

Customer Classification (1)	Pro Forma Revenues, Present Rates (Schedule 5) (2)	Bill Analysis Revenues, 2021 Rates (Schedule 4) (3)	Adjustment Factor (Sch. 5, col 4) (4)	Revenues, 2021 Rates (5)=(4)X(3)	2020-2021 Pro Forma Adjustments 2021 Rates (Schedule 4) (6)	Total Pro Forma Revenue 2021 Rates (7)=(5)+(6)	2021 Increase (8)=(7)-(2)	Percent Increase (9)
METERED SALES								
Residential	\$ 411,158,627	\$ 477,049,872	0.99900162	\$ 476,573,595	\$ (10,698,935)	\$ 465,874,660	\$ 54,716,033	13.3%
Commercial	153,439,150	177,833,553	0.99973510	177,786,445	(4,421,257)	173,365,188	19,926,038	13.0%
Industrial	29,247,088	32,106,776	0.99970165	32,097,197	(410,614)	31,686,583	2,439,495	8.3%
Municipal	19,986,305	21,522,817	1.00084052	21,540,907	(646,758)	20,894,149	907,844	4.5%
Other Water Utilities - Group A	2,492,372	2,519,826	0.99998186	2,519,780	-	2,519,780	27,408	1.1%
Other Water Utilities - Group B	100,640	119,849	1.00000212	119,850	-	119,850	19,210	19.1%
Total Metered Sales	616,424,182	711,152,693		710,637,774	(16,177,564)	694,460,209	78,036,027	12.7%
UNMETERED SALES								
Residential	117,349	106,950	1.00048468	107,002	12,362	119,364	2,015	1.7%
Commercial	-	-	1.00000000	-	-	-	-	-
Private Fire Protection	4,179,699	4,821,047	0.87959360	4,821,047	-	4,821,047	641,348	15.3%
Public Fire Protection	8,222,893	8,798,003	1.00000000	8,798,003	-	8,798,003	575,109	7.0%
Subtotal Unmetered Sales	12,519,941	13,725,999		13,726,051	12,362	13,738,413	1,218,472	9.7%
Total Sales of Water	628,944,123	724,878,693		724,363,825	(16,165,203)	708,198,622	79,254,499	12.6%
Other Operating Revenues	10,596,199	10,596,199		10,596,199		10,874,802	278,603	2.6%
Total	\$ 639,540,322	\$ 735,474,892		\$ 734,960,024	\$ (16,165,203)	\$ 719,073,424	\$ 79,533,102	12.4%

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
 SUMMARY OF APPLICATION OF 2021 RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020, AND 2021

Rate Zone (1)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Sales for Resale		Metered Total (8)	Flat Rate	
					Group A (6)	Group B (7)		Residential (9)	Commercial (10)
<u>Present Rate Application, Schedule Z</u>									
Zone 1	\$ 476,155,047	\$ 177,695,186	\$ 32,106,776	\$ 21,518,172	\$ 2,519,826	\$ 119,849	\$ 710,114,857	\$ 106,950	\$ -
Zone 2	744,890	91,384		4,171			840,445		
Zone 3	68,969	14,291		262			83,522		
Zone 4	80,966	32,692		211			113,869		
Total	\$ 477,049,872	\$ 177,833,553	\$ 32,106,776	\$ 21,522,817	\$ 2,519,826	\$ 119,849	\$ 711,152,693	\$ 106,950	\$ -
<u>2021 Proforma Adjustments - Schedule 10</u>									
Zone 1	\$ (10,813,432)	\$ (4,454,769)	\$ (410,867)	\$ (646,758)	\$ -	\$ -	\$ (16,325,827)		
Zone 2							-		
Zone 3							-		
Zone 4	114,497	33,512	253				148,263	12,362	
Winola Acq.							-		
Total	\$ (10,698,935)	\$ (4,421,257)	\$ (410,614)	\$ (646,758)	\$ -	\$ -	\$ (16,177,564)	\$ 12,362	\$ -
Total - 2021	\$ 466,350,937	\$ 173,412,296	\$ 31,696,162	\$ 20,876,058	\$ 2,519,826	\$ 119,849	\$ 694,975,129	\$ 119,312	\$ -
<u>2022 Proforma Adjustments - Schedule 10</u>									
Zone 1	\$ (4,433,260)	\$ (406,327)	\$ -	\$ -	\$ -	\$ -	\$ (4,839,588)		
Zone 2							-		
Zone 3							-		
Zone 4							-		
Winola Acq.							-		
Total	\$ (4,433,260)	\$ (406,327)	\$ -	\$ -	\$ -	\$ -	\$ (4,839,588)	\$ -	\$ -
Total - 2022	\$ 461,917,677	\$ 173,005,969	\$ 31,696,162	\$ 20,876,058	\$ 2,519,826	\$ 119,849	\$ 690,135,541	\$ 119,312	\$ -

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification (1)	Adjusted Revenues, Per Books Present Rates 12/31/2019 (a) (2)	Bill Analysis Revenues, Present Rates (Schedule 6) (3)	Adjustment Factor (4)=(2)/(3)	Revenues Under Present Rates (5)=(4)X(3)	Pro Forma Adjustments Present Rates 2019, 2020, 2021 (Schedule 6) (6)	Add Annualized DSIC Revenue (7)	Include TCJA Surcharge (8)	Total Pro Forma Revenue Present Rates 12/31/2021 (9)=(5)+(6)+(7)+(8)
METERED SALES								
Residential	\$ 427,307,314 (b)	\$ 427,734,354	0.99900162	\$ 427,307,313	\$ (9,404,734)	\$ 22,287,098	\$ (29,031,049)	\$ 411,158,627
Commercial	159,933,532	159,975,910	0.99973510	159,933,532	(3,988,588)	8,351,761	(10,857,555)	153,439,150
Industrial	29,959,898	29,968,839	0.99970165	29,959,898	(247,069)	1,346,303	(1,812,044)	29,247,088
Municipal	20,935,732	20,918,150	1.00084052	20,935,732	(633,090)	1,104,972	(1,421,309)	19,986,305
Other Water Utilities - Group A	2,357,408	2,357,450	0.99998186	2,357,408	146,331	39,362	(50,729)	2,492,372
Other Water Utilities - Group B	101,127	101,127	1.00000212	101,127	-	1,689	(2,176)	100,640
Total Metered Sales	\$ 640,595,011	\$ 641,055,830	0.99928116	\$ 640,595,010	\$ (14,127,150)	\$ 33,131,185	\$ (43,174,862)	\$ 616,424,182
UNMETERED SALES								
Residential	98,711	98,663	1.00048468	98,711	12,362	6,276	-	117,349
Commercial	4,240,562	4,821,047 (c)	1.00000000	-	-	223,524	(284,387)	4,179,699
Private Fire Protection	8,819,084	8,819,084 (d)	0.87959360	4,240,562	-	-	(596,190)	8,222,893
Public Fire Protection	13,158,356	13,738,793	1.00000000	8,819,084	-	-	-	-
Subtotal Unmetered Sales	13,158,356	13,738,793	1.00000000	13,158,356	12,362	229,800	(880,577)	12,519,941
Total Sales of Water	653,753,367	654,794,624	0.99928116	653,753,366	(14,114,788)	33,360,985	(44,055,440)	628,944,123
Other Operating Revenues	10,401,294	10,401,294	1.00000000	10,401,294	194,905	-	-	10,596,199
Total	\$ 664,154,661	\$ 665,195,918	0.99928116	\$ 664,154,660	\$ (13,919,883)	\$ 33,360,985	\$ (44,055,440)	\$ 639,540,322

(a) Excludes DSIC, TCJA and Unbilled Revenue.

(b) Does not include Unmetered Sales.

(c) See Schedule 8.

(d) See Schedule 9.

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
 SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Rate Zone (1)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Sales for Resale		Metered Total (8)	Flat Rate	
					Group A (6)	Group B (7)		Residential (9)	Commercial (10)
Present Rate Application, Schedule 7									
Zone 1	\$ 427,089,864	\$ 159,871,243	\$ 29,968,839	\$ 20,914,684	\$ 2,357,450	\$ 101,127	\$ 640,303,208	\$ 98,663	
Zone 2	534,004	68,580		3,014			605,597		
Zone 3	47,883	10,164		223			58,270		
Zone 4	62,603	25,923		229			88,755		
Total	\$ 427,734,354	\$ 159,975,910	\$ 29,968,839	\$ 20,918,150	\$ 2,357,450	\$ 101,127	\$ 641,055,830	\$ 98,663	\$ -
Proforma Adjustments - Schedule 10									
Zone 1	\$ (9,493,931)	\$ (4,017,388)	\$ (247,069)	\$ (633,408)	\$ 146,331	\$ -	\$ (14,245,465)		
Zone 2	1,462	146		7			1,615		
Zone 3	233	46		0			279		
Zone 4	87,502	28,608		311			116,421		
Winola Acq.	12,362							12,362	
Total Adjustments - 2021	\$ (9,392,372)	\$ (3,988,588)	\$ (247,069)	\$ (633,090)	\$ 146,331	\$ -	\$ (14,127,150)	\$ 12,362	\$ -
Total - 2021	\$ 418,341,982	\$ 155,987,322	\$ 29,721,770	\$ 20,285,060	\$ 2,503,781	\$ 101,127	\$ 626,928,680	\$ 111,025	\$ -

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Customer Charge									
5/8	6,979,362	-	\$ 16.50	\$ 115,159,472	-	\$ 18.00	\$ 125,628,514	\$ 18.50	\$ 129,118,195
5/8, Low Income	242,065	-	2.48	600,321	-	2.70	653,576	2.78	672,941
3/4	10,174	-	25.00	254,356	-	18.00	183,136	18.50	188,223
1	63,857	-	41.60	2,656,464	-	18.00	1,149,432	18.50	1,181,360
1 1/2	636	-	67.90	43,160	-	18.00	11,442	18.50	11,759
2	1,254	-	108.60	136,161	-	118.50	148,573	121.80	152,710
3	3	-	202.60	511	-	221.00	557	227.10	572
4	87	-	254.30	22,246	-	277.40	24,267	285.10	24,941
6	51	-	380.60	19,578	-	415.20	21,358	426.70	21,949
8	18	-	736.90	13,529	-	803.90	14,760	826.20	15,169
Subtotal	7,297,508	-		118,905,798	-		127,835,613		131,387,820
All Usage	-	243,887,775	1.2217	297,957,695	243,887,775	1.3854	337,882,123	1.4815	361,319,739
All Usage - Low Income	-	8,370,608	1.2217	10,226,371	8,370,608	1.2469	10,437,311	1.3334	11,161,368
Subtotal	-	252,258,383		308,184,066	252,258,383		348,319,434		372,481,107
Total Class - Metered	7,297,508	252,258,383	\$ 60.80	\$ 427,089,864	252,258,383	\$ 65.91	\$ 476,155,047	\$ 69.73	\$ 503,868,927
Flat Rate Customers	1,623			98,663			106,950		113,154
Total Residential	7,299,130	252,258,383	\$ 60.80	\$ 427,188,527	252,258,383	\$ 65.91	\$ 476,261,998	\$ 69.73	\$ 503,982,081

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
Commercial--Monthly									
Customer Charge									
5/8	344,202	-	\$ 16.50	\$ 5,679,327	-	\$ 18.00	\$ 6,195,629	\$ 18.50	\$ 6,367,730
3/4	21,533	-	25.00	538,331	-	27.30	587,857	28.10	605,084
1	81,112	-	41.60	3,374,276	-	45.40	3,682,503	46.70	3,787,950
1 1/2	15,425	-	67.90	1,047,346	-	74.10	1,142,980	76.20	1,175,373
2	43,662	-	108.60	4,741,655	-	118.50	5,173,906	121.80	5,317,989
3	1,384	-	202.60	280,358	-	221.00	305,820	227.10	314,261
4	18,077	-	254.30	4,596,897	-	277.40	5,014,468	285.10	5,153,659
6	16,756	-	380.60	6,377,143	-	415.20	6,956,884	426.70	7,149,572
8	5,824	-	736.90	4,291,728	-	803.90	4,681,938	826.20	4,811,814
10	682	-	1,067.20	728,012	-	1,164.20	794,182	1,196.50	816,216
Subtotal	548,656	-		31,655,073	-		34,536,167		35,499,646
First Block (First 160)	-	34,680,345	1.2205	42,327,361	34,680,345	1.3854	48,046,150	1.4815	51,378,931
Second Block (Over 160)	-	93,831,455	0.9153	85,883,931	93,831,455	1.0136	95,107,563	1.0951	102,754,827
Subtotal	-	128,511,800		128,211,292	128,511,800		143,153,713		154,133,758
Construction Usage		80,766	0.06040	4,878	80,766	0.0657	5,306	0.0686	5,539
Total Class	548,656	128,592,566		\$ 159,871,243	128,592,566		\$ 177,695,186		\$ 189,638,943

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
Customer Charge									
5/8	561	-	\$ 24.50	\$ 13,755	-	\$ 25.40	\$ 14,260	\$ 26.10	\$ 14,653
3/4	76	-	36.75	2,798	-	38.10	2,901	39.20	2,984
1	1,118	-	61.40	68,654	-	63.60	71,114	65.40	73,127
1 1/2	515	-	122.70	63,173	-	127.10	65,439	130.60	67,241
2	1,992	-	196.35	391,145	-	203.40	405,189	209.10	416,544
3	165	-	368.10	60,803	-	381.40	63,000	392.00	64,751
4	767	-	613.50	470,702	-	635.60	487,658	653.30	501,238
6	794	-	1,227.00	974,667	-	1,271.20	1,009,778	1,306.50	1,037,818
8	442	-	1,963.65	868,463	-	2,034.30	899,710	2,090.80	924,698
10	121	-	2,821.80	340,845	-	2,923.40	353,117	3,004.60	362,926
DIS 1 Demand	12	-	130,700.00	1,568,400	-	139,792.00 (a)	1,677,504	142,867.00	1,714,404
Subtotal	6,564	-		4,823,405	-		5,049,670		5,180,384
First Block (First 160)	-	749,144	1.1843	887,211	749,144	1.2796	958,605	1.3680	1,024,829
Second Block (Next 5,840)	-	8,968,522	0.9010	8,080,639	8,968,522	0.9736	8,731,753	1.0409	9,335,335
Third Block (Over 6,000)	-	18,486,994	0.7088	13,103,581	18,486,994	0.7658	14,157,340	0.8187	15,135,302
Fourth Block - Industrial Curtailment	-	3,188,030	0.4328	1,379,779	3,188,030	0.4676	1,490,723	0.4999	1,593,696
DIS 3 Commodity 1	-	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
DIS 3 Commodity 2	-	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
DIS 2 Commodity 1	-	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
DIS 2 Commodity 2	-	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Hershey Commodity Penalty	-	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
DIS 1 Commodity	-	37,974,912	REDACTED	25,145,434	38,339,431	REDACTED	27,057,106	REDACTED	28,822,923
Subtotal	6,564	37,974,912		\$ 29,968,839	38,339,431		\$ 32,106,776		\$ 34,003,307
Total Class									

REDACTED

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 - PAWC

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Municipal - Monthly</u>									
Customer Charge									
5/8	9,834	-	\$ 16.50	\$ 162,264	-	\$ 18.00	\$ 177,015	\$ 18.50	\$ 181,932
3/4	662	-	25.00	16,554	-	27.30	18,076	28.10	18,606
1	5,575	-	41.60	231,922	-	45.40	253,107	46.70	260,355
1 1/2	954	-	67.90	64,771	-	74.10	70,685	76.20	72,689
2	7,215	-	108.60	783,499	-	118.50	854,923	121.80	878,731
3	333	-	202.60	67,397	-	221.00	73,518	227.10	75,547
4	1,635	-	254.30	415,839	-	277.40	453,613	285.10	466,204
6	2,308	-	380.60	878,600	-	415.20	958,473	426.70	985,020
8	563	-	736.90	415,192	-	803.90	452,941	826.20	465,506
10	76	-	1,067.20	81,107	-	1,164.20	88,479	1,196.50	90,934
Subtotal	29,156	-		3,117,145	-		3,400,830		3,495,524
First Block (First 160)	-	1,865,069	1.4742	2,749,484	1,865,069	1.4742	2,749,484	1.5037	2,804,504
Second Block (Over 160)	-	17,286,680	0.8705	15,048,055	17,286,680	0.8890	15,367,858	0.9068	15,675,561
Subtotal	-	19,151,748		17,797,539	19,151,748		18,117,342		18,480,065
Total Class	29,155.6	19,151,748		\$ 20,914,684	19,151,748		\$ 21,518,172		\$ 21,975,589

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
Other Water Utilities Monthly - Group A									
Customer Charge									
2	12	-	192.10	\$ 2,305	-	209.60	\$ 2,515	215.40	\$ 2,585
4	12	-	600.10	7,201	-	654.70	7,856	672.90	8,075
6	48	-	1200.00	57,600	-	1,309.10	62,837	1,345.50	64,584
8	37	-	1921.00	71,077	-	2,095.60	77,537	2,153.80	79,691
10	12	-	2760.00	33,120	-	3,010.90	36,131	3,094.50	37,134
DRS 1 Demand 1									
DRS 1 Demand 2									
Subtotal	133	-		264,890	-		283,028		290,020
DRS PORTION BELOW CONFIDENTIAL									
First Block		702,980	0.7219	507,481	702,980	0.7220	507,552	0.7710	541,998
DRS 2 Commodity 1	-								
DRS 2 Commodity 2	-								
DRS 1 Commodity 1	-								
DRS 3 Commodity 1	-								
DRS 3 Commodity 2	-								
DRS 3 Misc. Credit	-								
DSR 4 Commodity 1	-								
DSR 4 Commodity 2	-								
Subtotal	-	6,884,990		\$ 2,092,560	6,884,990		\$ 2,236,798		\$ 2,342,551
Total Group A	133.0	6,884,990		\$ 2,357,450	6,884,990		\$ 2,519,826		\$ 2,632,571

REDACTED

REDACTED

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
Other Water Utilities Monthly - Group B									
Customer Charge									
1	-	-	\$ 60.10	\$ -	-	\$ 65.60	\$ -	\$ 67.40	\$ -
2	35	-	192.10	6,712	-	209.60	7,323	215.40	7,526
3	12	-	360.00	4,320	-	392.70	4,712	403.60	4,843
4	36	-	600.10	21,604	-	654.70	23,569	672.90	24,224
6	13	-	1,200.00	16,120	-	1,309.10	17,586	1,345.50	18,075
Subtotal	96	-		48,756	-		53,190		54,668
First Block Subtotal	-	53,413	0.9805	52,371	53,413	1.2480	66,659	1.4180	75,740
Total Group B	96	53,413		52,371	53,413		66,659		75,740
Total Other Water Utilities	229	6,938,403		\$ 101,127	53,413		\$ 119,849		\$ 130,408
				\$ 2,458,577	6,938,403		\$ 2,639,675		\$ 2,762,978
Total	7,883,736	444,916,012		\$ 640,401,871	445,280,531		\$ 710,221,807		\$ 752,362,898

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Customer Charge									
5/8	10,297	-	\$ 16.50	\$ 169,902	-	\$ 18.00	\$ 185,348	\$ 18.50	\$ 190,496
5/8, Low Income	258	-	2.48	639	-	2.70	697	2.78	716
3/4	-	-	25.00	-	-	18.00	-	18.50	-
1	36	-	41.60	1,501	-	18.00	649	18.50	667
1 1/2	-	-	67.90	-	-	18.00	-	18.50	-
2	-	-	108.60	-	-	118.50	-	121.80	-
Subtotal	10,591	-		172,042	-		186,694		191,880
All Usage - Old Rate		6,646	0.6800	4,519					
All Usage - New Rate	-	388,238	0.9000	349,414	394,884	1.3854	547,072	1.4815	585,020
All Usage - Low Income	-	8,922	0.9000	8,029	8,922	1.2469	11,124	1.3334	11,896
Subtotal	-	403,805		361,962	403,805		558,196		596,916
Total	10,591	403,805		534,004	403,805		744,890		788,795

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Commercial - Monthly</u>									
Customer Charge									
5/8	723	-	16.50	11,933	-	\$ 18.00	13,018	\$ 18.50	13,379
3/4	-	-	25.00	-	-	27.30	-	28.10	-
1	48	-	41.60	1,997	-	45.40	2,179	46.70	2,242
Subtotal	771	-		13,930	-		15,197		15,621
Old Rate New Rate		665 60,219	0.6800 0.9000	452 54,197					
First Block Second Block Subtotal	- - -	- - 60,884	- - -	- - 54,650	38,932 21,952 60,884	1.3854 1.0136	53,936 22,251 76,187	1.4815 1.0951	57,678 24,040 81,718
Total Class	771	60,884		68,580			91,384		97,339
<u>Municipal - Monthly</u>									
Customer Charge									
5/8	12	-	16.50	198	-	\$ 18.00	216	\$ 18.50	222
3/4	-	-	25.00	-	-	27.30	-	28.10	-
1	24	-	41.60	998	-	45.40	1,090	46.70	1,121
1 1/2	-	-	67.90	-	-	74.10	-	76.20	-
Subtotal	36	-		1,196	-		1,306		1,343
Old Rate New Rate		30 1,997	0.6800 0.9000	20 1,797					
First Block Second Block Subtotal	- - -	- - 2,027	- - -	- - 1,818	1,817 210	1.4742 0.8890	2,679 187	1.5037 0.9068	2,732 190
Total	36	2,027		3,014			4,171		4,266
Total Rate Zone	11,398	466,717		\$ 605,597			\$ 840,445		\$ 890,400

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Minimum Charge/Customer Charge									
5/8	1,495	-	\$ 16.50	\$ 24,667	-	\$ 18.00	\$ 26,910	\$ 18.50	\$ 27,657
5/8, Low Income	14	-	2.48	35	-	2.70	38	2.78	39
Subtotal	1,509	-		24,702	-		26,948		27,696
All Usage - Old Rate	-	1,294	0.3200	414	1,294	0.8983	1,162	1.4815	1,917
All Usage - New Rate	-	45,049	0.5000	22,525	45,049	0.8983	40,468	1.4815	66,740
All Usage - Low Income	-	484	0.5000	242	484	0.8085	391	1.3334	646
Subtotal	-	46,827		23,181	46,827		42,021		69,303
Total	1,509	46,827		47,883	46,827		68,969		96,999
<u>Commercial - Monthly</u>									
Minimum Charge/Customer Charge	348	-	\$ 16.50	\$ 5,742	-	\$ 18.00	\$ 6,264	\$ 18.50	\$ 6,438
Subtotal	348	-		5,742	-		6,264		6,438
Old Rate	-	255	0.3200	81					
New Rate	-	8,681	0.5000	4,341					
First Block	-	-		-	6,548	0.8983	5,882	1.4815	9,701
Second Block	-	-		-	2,388	0.8983	2,145	1.0951	2,615
Subtotal	-	8,936		4,422	8,936		8,027		12,316
Total Class	348	8,936		10,164	8,936		14,291		18,754

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Municipal - Monthly</u>									
Minimum Charge/Customer Charge	12	-	\$ 16.50	198	-	\$ 18.00	216	18.50	\$ 222
Subtotal	12	-		198	-		216		222
Old Rate		2	0.3200	0					
New Rate		49	0.5000	25					
First Block	-	-		-	51	0.8983	46	1.5037	77
Second Block	-	-		-	51	0.8983	-	0.9068	-
Subtotal	-	51		25	51		46		77
Total	12	51		223	51		262		299
Total Rate Zone	1,869	55,814		\$ 58,270	55,814		\$ 83,522		\$ 116,052

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Customer Charge 5/8	1,326	-	\$ 41.03	\$ 54,397	-	\$ 18.00	\$ 23,864	\$ 18.50	\$ 24,527
Subtotal	1,326	-		54,397	-		23,864		24,527
First 3,000 gallons	-	29,985	-	-	-	-	-	-	-
Next 1,100 gallons	-	4,811	0.9545	4,592	41,217	1.3854	57,102	1.4815	61,063
All Over 4,100 gallons	-	6,422	0.5628	3,614	-	-	-	-	-
Subtotal	-	41,217		8,206	41,217		57,102		61,063
Total Residential	1,326	41,217		\$ 62,603	41,217		\$ 80,966		\$ 85,590
<u>Commercial - Monthly</u>									
Customer Charge 5/8	262	-	\$ 41.03	\$ 10,750	\$ -	\$ 18.00	\$ 4,716	\$ 18.50	\$ 4,847
Subtotal	262	-		10,750	-		4,716		4,847
First 3,000 gallons	-	4,780	-	-	-	-	-	-	-
Next 1,100 gallons	-	858	0.9545	819	9,928	0.8983	8,918	1.4815	14,708
All Over 4,100 gallons	-	25,505	0.5628	14,354	21,215	0.8983	19,057	1.0951	23,232
Subtotal	-	31,143		15,173	31,143		27,976		37,941
Total Commercial	262	31,143		\$ 25,923	31,143		\$ 32,692		\$ 42,788

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

	Municipal - Monthly													
Customer Charge	5	-	\$ 41.03	\$	205	\$	-	\$ 18.00	\$	90	\$	18.50	\$	93
5/8	5	-	\$ 41.03	\$	205	\$	-	\$ 18.00	\$	90	\$	18.50	\$	93
Subtotal	5	-			205		-			90				93
First 3,000 gallons	-	45	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,100 gallons	-	11	0.9545	-	10	1.4742	82	1.4742	121	121	1.5037	124	124	124
All Over 4,100 gallons	-	26	0.5628	-	14	0.8890	-	0.8890	-	-	0.9068	-	-	-
Subtotal	-	82			24		82		121	121		124	124	124
Total Municipal	5	82		\$	229	\$	82	\$	211	211	\$	216	\$	216
Total	1,593	72,442		\$	88,755	\$	72,442	\$	113,869	113,869	\$	128,594	\$	128,594

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

APPLICATION OF PRESENT AND PROPOSED RATES TO PRIVATE FIRE CONNECTIONS AS OF 12-31-2021

Rate Zone, Connection Size	Number	Present Rates		Number	2021 Rates	
		Rate	Revenue		Rate	Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Zone 1						
1" or 1 1/4"	2	\$ 52.92	\$ 106	2	\$ 61.08	\$ 122
1 1/2"	4	76.20	305	4	87.96	352
2"	52	135.48	7,045	52	156.48	8,137
3"	15	308.04	4,621	15	355.80	5,337
4"	324	542.28	175,699	324	626.28	202,915
6"	1,202	1,232.16	1,481,056	1,202	1,423.20	1,710,686
8"	614	2,193.24	1,346,649	614	2,533.20	1,555,385
10"	53	3,425.40	181,546	53	3,956.28	209,683
12"	19	4,928.64	93,644	19	5,692.56	108,159
1" Metered	14	433.08	6,063	14	500.16	7,002
1-1/2" Metered	2	618.60	1,237	2	714.48	1,429
2" Metered	30	989.88	29,696	30	1,143.36	34,301
3" Metered	11	1,855.92	20,415	11	2,143.56	23,579
4" Metered	36	2,319.96	83,519	36	2,679.60	96,466
6" Metered	56	3,480.00	194,880	56	4,019.40	225,086
8" Metered	10	5,335.92	53,359	10	6,162.96	61,630
10" Metered	7	7,501.32	52,509	7	8,664.00	60,648
Hydrants	1,537	322.44	495,590	1,537	322.44	495,590
Sprinkler first 200	7	645.60	4,519	7	745.68	5,220
Sprinkler over 200	1,835	1.68	3,083	1,835	1.92	3,523
Standpipes	10	501.96	5,020	10	579.72	5,797
Total Private Fire	5,840		\$ 4,240,562	5,840		\$ 4,821,047
DSIC			223,524			
TCJA			(284,387)			
Total Private Fire Revenue			\$ 4,179,699			

APPLICATION OF PRESENT AND PROPOSED RATES TO PRIVATE FIRE CONNECTIONS AS OF 12-31-2022

Rate Zone, Connection Size	Number	2021 Rates		Number	2022 Rates	
		Rate	Revenue		Rate	Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Zone 1						
1" or 1 1/4"	2	\$ 61.08	\$ 122	2	\$ 64.44	\$ 129
1 1/2"	4	87.96	352	4	92.76	371
2"	52	156.48	8,137	52	165.12	8,586
3"	15	355.80	5,337	15	375.36	5,630
4"	324	626.28	202,915	324	660.72	214,073
6"	1,202	1,423.20	1,710,686	1,202	1,501.44	1,804,731
8"	614	2,533.20	1,555,385	614	2,672.52	1,640,927
10"	53	3,956.28	209,683	53	4,173.84	221,214
12"	19	5,692.56	108,159	19	6,005.64	114,107
1" Metered	14	500.16	7,002	14	527.64	7,387
1-1/2" Metered	2	714.48	1,429	2	753.72	1,507
2" Metered	30	1,143.36	34,301	30	1,206.24	36,187
3" Metered	11	2,143.56	23,579	11	2,261.40	24,875
4" Metered	36	2,679.60	96,466	36	2,826.96	101,771
6" Metered	56	4,019.40	225,086	56	4,240.44	237,465
8" Metered	10	6,162.96	61,630	10	6,501.96	65,020
10" Metered	7	8,664.00	60,648	7	9,140.52	63,984
Hydrants	1,537	322.44	495,590	1,537	322.44	495,590
Sprinkler first 200	7	745.68	5,220	7	786.72	5,507
Sprinkler over 200	1,835	1.92	3,523	1,835	2.04	3,743
Standpipes	10	579.72	5,797	10	611.64	6,116
Total Private Fire	5,840		\$ 4,821,047	5,840		\$ 5,058,921

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

APPLICATION OF PRESENT AND PROPOSED RATES TO
THE NUMBER OF PUBLIC FIRE HYDRANTS AS OF DECEMBER 31, 2021

Service Area (1)	Proforma Number of Hydrants (2)	Present Annual Rate (3)	Pro Forma Present Revenue (4)	2021 Annual Rate (5)	Pro Forma Proposed Revenue (6)
Hydrants prior to 1/1/2000	25,987	\$ 240.00	\$ 6,236,880	\$ 240.00	\$ 6,236,880
Hydrants at 1/4 the Cost of Service	9,547	205.32	1,960,190	202.44	1,932,695
Bradford Township	46	75.00	3,450	202.44	9,312
Brownsville Area	233	210.60	49,070	210.60	49,070
California Area	75	216.60	16,245	216.60	16,245
Reading Area	2,513	218.28	548,538	218.28	548,538
Turbotville	26	181.20	4,711	202.44	5,263
Total	38,427		\$ 8,819,084		\$ 8,798,003
TCJA			(596,190)		
Total Public Fire Revenue			\$ 8,222,894		

APPLICATION OF PRESENT AND PROPOSED RATES TO
THE NUMBER OF PUBLIC FIRE HYDRANTS AS OF DECEMBER 31, 2022

Service Area (1)	Proforma Number of Hydrants (2)	2021 Annual Rate (3)	Pro Forma Present Revenue (4)	2022 Annual Rate (5)	Pro Forma Proposed Revenue (6)
Hydrants prior to 1/1/2000	25,987	\$ 240.00	\$ 6,236,880	\$ 240.00	\$ 6,236,880
Hydrants at 1/4 the Cost of Service	9,930	202.44	2,010,229	213.60	2,121,048
Bradford Township	46	202.44	9,312	213.60	9,826
Brownsville Area	233	210.60	49,070	213.60	49,769
California Area	75	216.60	16,245	216.60	16,245
Reading Area	2,513	218.28	548,538	218.28	548,538
Turbotville	26	202.44	5,263	213.60	5,554
Steelton		-		-	
Total	38,810		\$ 8,875,537		\$ 8,987,859
TCJA			0		
Total Public Fire Revenue			\$ 8,875,537		

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND 2021 AND 2022 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year/Present Rate (4)	Revenue (5)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (6)	Proposed 2022 Revenue (7)
Residential - Monthly								
Customer Charge	66,642	-	\$ 16.50	\$ 1,099,593	\$ 18.00	\$ 1,199,556	\$ 18.50	\$ 1,232,877
5/8, Low Income	-	-	2.48	-	2.70	-	2.78	-
3/4	-	-	25.00	-	18.00	-	18.50	-
1	-	-	41.60	-	18.00	-	18.50	-
1 1/2	-	-	67.90	-	18.00	-	18.50	-
2	-	-	108.60	-	118.50	-	121.80	-
4	-	-	254.30	-	277.40	-	285.10	-
Subtotal	66,642	-	-	1,099,593	-	1,199,556	-	1,232,877
All Usage - Test Year Subtotal	-	(8,671,134)	1.2217	(10,593,524)	1.3854	(12,012,988)	1.4815	(12,846,284)
		(8,671,134)		(10,593,524)		(12,012,988)		(12,846,284)
Total Metered	66,642	(8,671,134)		\$ (9,493,931)		\$ (10,813,432)		\$ (11,613,407)
Flat Rate	-	-	60.80	-	65.91	-	69.73	-
Commercial - Monthly								
Customer Charge	(1,164)	-	\$ 16.50	\$ (19,206)	\$ 18.00	\$ (20,952)	\$ 18.50	\$ (21,534)
3/4	-	-	25.00	-	27.30	-	28.10	-
1	(12)	-	41.60	(499)	45.40	(545)	46.70	(560)
1 1/2	-	-	67.90	-	74.10	-	76.20	-
2	-	-	108.60	-	118.50	-	121.80	-
3	-	-	202.60	-	221.00	-	227.10	-
4	(12)	-	254.30	(3,052)	277.40	(3,329)	285.10	(3,421)
6	(24)	-	380.60	(9,134)	415.20	(9,965)	426.70	(10,241)
8	-	-	736.90	-	803.90	-	826.20	-
10	-	-	1,067.20	-	1,164.20	-	1,196.50	-
Subtotal	(1,212)	-	-	(31,891)	-	(34,790)	-	(35,756)
First Block (First 160)	-	(190,804)	1.2205	(232,876)	1.3854	(264,340)	1.4815	(282,676)
Second Block (Over 160)	-	(4,099,881)	0.9153	(3,752,621)	1.0136	(4,155,639)	1.0951	(4,489,780)
Subtotal	-	(4,290,685)	-	\$ (3,985,497)	-	\$ (4,419,979)	-	\$ (4,772,456)
Total Class	(1,212)	(4,290,685)	-	\$ (4,017,388)	-	\$ (4,454,769)	-	\$ (4,808,212)
INDUSTRIAL MONTHLY								
Customer Charge	-	-	\$ 24.50	-	\$ 25.40	-	\$ 26.10	-
5/8	-	-	36.75	-	38.10	-	39.20	-
3/4	-	-	61.40	-	63.60	-	65.40	-
1	-	-	122.70	-	127.10	-	130.60	-
1 1/2	(24)	-	196.35	(4,712)	203.40	(4,882)	209.10	(5,018)
2	(12)	-	365.10	(4,417)	381.40	(4,577)	392.00	(4,704)
3	-	-	1,227.00	-	1,271.20	-	1,306.50	-
6	-	-	1,963.65	-	2,034.30	-	2,090.80	-
8	-	-	2,821.80	-	2,923.40	-	3,004.60	-
10	-	-	REDACTED	REDACTED	REDACTED	-	REDACTED	-
DIS 1 Demand	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	-	REDACTED	-
Subtotal	(REDACTED)	-	-	\$ (9,459)	-	\$ (9,722)	-	\$ (9,722)

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND 2021 AND 2022 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year/Present Rate (4)	Revenue (5)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (6)	Proposed 2022 Revenue (7)
First Block (First 160)	-	(3,840)	1.1843	(4,548)	1.2796	(4,914)	1.3680	(5,253)
Second Block (Next 5,840)	-	(170,730)	0.9010	(153,828)	0.9736	(166,223)	1.0409	(177,713)
Third Block (Over 6,000)	-	(300,694)	0.7088	(213,132)	0.7658	(230,271)	0.8187	(246,178)
Fourth Block - Industrial Curtailment	-	-	0.4328	-	0.4676	-	0.4999	-
DIS 2 Commodity Change 1	-	-	-	-	-	-	-	-
DIS 2 Commodity Change 2	-	-	-	-	-	-	-	-
DIS 2 Additional Consumption	-	-	-	-	-	-	-	-
DIS 2 Penalty - DIS Contract	-	-	-	-	-	-	-	-
DIS 3 Commodity Change 1	-	-	-	-	-	-	-	-
DIS 3 Commodity Change 2	-	-	-	-	-	-	-	-
DIS 1 Commodity Change	-	-	-	-	-	-	-	-
Subtotal	-	6,471,477	-	\$(347,044)	-	\$(401,408)	-	\$(429,144)
Total	(36)	(110,745)	-	\$(247,069)	-	\$(410,867)	-	\$(438,866)
(a) Equal to the increase in HERSHEY commodity charges through 2021.								
(b) Equal to the increase in the US Steel commodity charges through 2021.								
(c) Equal to the increase in Conagra commodity charge and demand charges through 2021.								
Municipal - Monthly								
Customer Charge	12	-	\$ 16.50	\$ 198	\$ 18.00	\$ 216	\$ 18.50	\$ 222
5/8	-	-	25.00	-	27.30	-	28.10	-
3/4	-	-	41.60	-	45.40	-	46.70	-
1	12	-	67.90	499	74.10	545	76.20	560
1 1/2	-	-	108.60	-	118.50	-	121.80	-
2	-	-	202.60	-	221.00	-	227.10	-
3	-	-	254.30	-	277.40	-	285.10	-
4	12	-	380.60	3,052	415.20	3,329	426.70	3,421
6	24	-	736.90	9,134	803.90	9,965	10,241	10,241
8	(12)	-	1,067.20	(8,843)	1,164.20	(9,647)	1,196.50	(9,914)
10	-	-	-	-	-	-	-	-
Subtotal	48	-	-	4,040	-	4,408	-	4,530
First Block (First 160)	-	5,474	1.4742	8,070	1.4742	8,070	1.5037	8,231
Second Block (Over 160)	-	(741,548)	0.8705	(645,518)	0.8890	(659,236)	0.9068	(672,436)
Subtotal	-	(736,074)	-	\$(637,448)	-	\$(651,166)	-	\$(664,204)
Total	48	(736,074)	-	\$(633,408)	-	\$(646,758)	-	\$(659,674)

REDACTED

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2022

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Proposed 2021 Rate (4)	Proposed 2021 Revenue (5)	Proposed 2022 Rate (4)	Proposed 2022 Revenue Revenue (5)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	48,984	-	\$ 18.00	\$ 881,712	\$ 18.50	\$ 906,204
5/8, Low Income		-	2.70	-	2.78	-
3/4		-	18.00	-	18.50	-
1		-	18.00	-	18.50	-
1 1/2		-	18.00	-	18.50	-
2		-	118.50	-	121.80	-
4		-	221.00	-	285.10	-
Subtotal	48,984	-		881,712		906,204
All Usage - Test Year	-	(3,836,417)	1.3854	(5,314,972)	1.4815	(5,683,652)
Subtotal	-	(3,836,417)		(5,314,972)		(5,683,652)
Total Metered	48,984	(3,836,417)		(4,433,260)		(4,777,448)
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	1,872	-	18.00	\$ 33,696	18.50	\$ 34,632
3/4		-	27.30	-	28.10	-
1		-	45.40	-	46.70	-
1 1/2		-	74.10	-	76.20	-
2		-	118.50	-	121.80	-
3		-	221.00	-	227.10	-
4		-	277.40	-	285.10	-
6		-	415.20	-	426.70	-
8		-	803.90	-	826.20	-
10		-	1,164.20	-	1,196.50	-
Subtotal	1,872	-		33,696		34,632
First Block (First 160)	-	299,520	1.3854	414,955	1.4815	443,739
Second Block (Over 160)	-	(843,507)	1.0136	(854,978)	1.0951	(923,724)
Subtotal	-	(543,987)		(440,023)		(479,985)
Total Class	1,872	(543,987)		(406,327)		(445,353)

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Customer Charge									
5/8	-	-	\$ 16.50	\$ -	-	\$ 18.00	\$ -	\$ 18.50	\$ -
5/8, Low Income	-	-	2.48	-	-	2.70	-	2.78	-
3/4	-	-	25.00	-	-	18.00	-	18.50	-
1	-	-	41.60	-	-	18.00	-	18.50	-
1 1/2	-	-	67.90	-	-	18.00	-	18.50	-
2	-	-	108.60	-	-	118.50	-	121.80	-
Subtotal	-	-	-	-	-	-	-	-	-
Rate Change		6,646	0.2200	1,462					
Subtotal	-	6,646		\$ 1,462	-		\$ -		\$ -
Total	-	6,646		\$ 1,462	-		-		-

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Commercial - Monthly</u>									
Customer Charge									
5/8		-	16.50	-	-	\$ 18.00	-	\$ 18.50	-
3/4		-	25.00	-	-	27.30	-	28.10	-
1		-	41.60	-	-	45.40	-	46.70	-
Subtotal		-		-	-		-		-
Rate Change		665	0.2200	146					
First Block		-		-		1.3854	-	1.4815	-
Second Block		-		-		1.0136	-	1.0951	-
Subtotal		665		146			-		-
Total Class		-		146			-		-
<u>Municipal - Monthly</u>									
Customer Charge									
5/8		-	16.50	-	-	\$ 18.00	-	\$ 18.50	-
3/4		-	25.00	-	-	27.30	-	28.10	-
1		-	41.60	-	-	45.40	-	46.70	-
1 1/2		-	67.90	-	-	74.10	-	76.20	-
Subtotal		-		-	-		-		-
Rate Change		30	0.2200	7					
First Block		-		-		1.4742	-	1.5037	-
Second Block		-		-		0.8890	-	0.9068	-
Subtotal		30		7			-		-
Total		-		7			-		-
Total Rate Zone		-		\$ 1,615			\$ -		\$ -

NNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELT
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)
<u>Residential - Monthly</u>				
Minimum Charge/Customer Charge				
5/8	-	-	\$ 16.50	\$ -
5/8, Low Income	-	-	2.48	-
Subtotal	-	-		-
Rate Change	-	1,294	0.1800	233
Subtotal	-	1,294		233
Total	-	1,294		233
<u>Commercial - Monthly</u>				
Minimum Charge/Customer Charge				
Subtotal	-	-	\$ 16.50	-
Rate Change	-	255	0.1800	46
First Block	-	-		-
Second Block	-	-		-
Subtotal	-	255		46
Total Class	-	255		46

NNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEEL
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)
<u>Municipal - Monthly</u>				
Minimum Charge/Customer Charge	-	-	\$ 16.50	-
Subtotal	-	-		-
Rate Change		2	0.1800	0
First Block	-	-		-
Second Block	-	-		-
Subtotal	-	2		0
Total	-	2		0
Total Rate Zone	-	1,550		\$ 279

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Customer Charge 5/8	1,841	-	\$ 41.03	\$ 75,541	-	\$ 18.00	\$ 33,140	\$ 18.50	\$ 34,061
Subtotal	1,841	-		75,541	-		33,140		34,061
First 3,000 gallons	-	42,381	-	-					
Next 1,100 gallons		7,054	0.9545	6,733	58,725	1.3854	81,357	1.4815	87,001
All Over 4,100 gallons		9,290	0.5628	5,228					
Subtotal	-	58,725		11,961	58,725		81,357		87,001
Total Residential	1,841	58,725		\$ 87,502	58,725		\$ 114,497		\$ 121,061
<u>Commercial - Monthly</u>									
Customer Charge 5/8	368	-	\$ 41.03	\$ 15,099	-	\$ 18.00	\$ 6,624	\$ 18.50	\$ 6,808
Subtotal	368	-		15,099	-		6,624		6,808
First 3,000 gallons	-	6,771	-	-					
Next 1,100 gallons		1,210	0.9545	1,155	9,542	0.8983	8,572	1.4815	14,137
All Over 4,100 gallons		21,952	0.5628	12,354	20,390	0.8983	18,317	1.0951	22,329
Subtotal	-	29,932		13,509	29,932		26,888		36,466
Total Commercial	368	29,932		\$ 28,608	29,932		\$ 33,512		\$ 43,274

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

	Municipal - Monthly									
Customer Charge										
5/8	7	-	\$ 41.03	\$ 287	\$ -	\$ 18.00	\$ 126	\$ 18.50	\$ 130	130
Subtotal	<u>7</u>	<u>-</u>	<u>287</u>	<u>287</u>	<u>-</u>	<u>126</u>	<u>126</u>	<u>18.50</u>	<u>130</u>	<u>130</u>
First 3,000 gallons	-	49	-	-	-	-	-	-	-	-
Next 1,100 gallons	-	11	0.9545	10	86	1.4742	127	1.5037	130	130
All Over 4,100 gallons	-	26	0.5628	14	-	0.8890	-	0.9068	-	-
Subtotal	<u>-</u>	<u>86</u>	<u>24</u>	<u>86</u>	<u>86</u>	<u>127</u>	<u>127</u>	<u>130</u>	<u>130</u>	<u>130</u>
Total Industrial	7	86	\$ 311	\$ 86	\$ 253	\$ 259				
Total	2,216	88,743	\$ 116,421	\$ 88,743	\$ 148,263	\$ 164,595				

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 1 - PAWC

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$16.25	\$18.00	\$1.75	10.78%
1,000	\$28.28	\$31.85	\$3.57	12.64%
2,000	\$40.31	\$45.71	\$5.40	13.39%
3,000	\$52.34	\$59.56	\$7.22	13.80%
3,000	\$52.34	\$59.56	\$7.22	13.80%
3,458 *	\$57.85	\$65.91	\$8.06	13.93%
4,000	\$64.37	\$73.42	\$9.05	14.05%
5,000	\$76.40	\$87.27	\$10.87	14.23%
6,000	\$88.43	\$101.12	\$12.69	14.35%
7,000	\$100.46	\$114.98	\$14.52	14.45%
8,000	\$112.49	\$128.83	\$16.34	14.53%
9,000	\$124.52	\$142.69	\$18.16	14.59%
10,000	\$136.55	\$156.54	\$19.99	14.64%
11,000	\$148.58	\$170.39	\$21.81	14.68%
12,000	\$160.62	\$184.25	\$23.62	14.71%
13,000	\$172.65	\$198.10	\$25.45	14.74%
14,000	\$184.68	\$211.96	\$27.27	14.77%
15,000	\$196.72	\$225.81	\$29.09	14.79%
16,000	\$208.75	\$239.66	\$30.92	14.81%
17,000	\$220.78	\$253.52	\$32.74	14.83%
18,000	\$232.81	\$267.37	\$34.57	14.85%
19,000	\$244.84	\$281.23	\$36.39	14.86%
20,000	\$256.87	\$295.08	\$38.21	14.88%
25,000	\$317.02	\$364.35	\$47.33	14.93%
30,000	\$377.17	\$433.62	\$56.45	14.97%
35,000	\$437.33	\$502.89	\$65.56	14.99%
40,000	\$497.48	\$572.16	\$74.68	15.01%
45,000	\$557.64	\$641.43	\$83.79	15.03%
50,000	\$617.79	\$710.70	\$92.91	15.04%
60,000	\$738.10	\$849.24	\$111.14	15.06%
70,000	\$858.41	\$987.78	\$129.37	15.07%
80,000	\$978.72	\$1,126.32	\$147.60	15.08%
90,000	\$1,099.02	\$1,264.86	\$165.84	15.09%
100,000	\$1,219.34	\$1,403.40	\$184.06	15.10%
110,000	\$1,339.64	\$1,541.94	\$202.30	15.10%
120,000	\$1,459.96	\$1,680.48	\$220.52	15.10%
130,000	\$1,580.26	\$1,819.02	\$238.76	15.11%
140,000	\$1,700.56	\$1,957.56	\$257.00	15.11%
150,000	\$1,820.88	\$2,096.10	\$275.22	15.11%
160,000	\$1,941.18	\$2,234.64	\$293.46	15.12%
170,000	\$2,061.50	\$2,373.18	\$311.68	15.12%
180,000	\$2,181.80	\$2,511.72	\$329.92	15.12%

* Average monthly bill.

** Present rates include 5.65% DSIC and -.679% TCJA

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 2

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$16.72	\$18.00	\$1.28	7.64%
1,000	\$25.59	\$31.85	\$6.26	24.48%
2,000	\$34.45	\$45.71	\$11.26	32.69%
3,000	\$43.05	\$59.56	\$16.51	38.34%
3,458 *	\$46.90	\$65.91	\$19.01	40.54%
4,000	\$51.70	\$73.42	\$21.72	42.01%
5,000	\$60.56	\$87.27	\$26.71	44.10%
6,000	\$69.43	\$101.12	\$31.69	45.65%
7,000	\$78.29	\$114.98	\$36.69	46.87%
8,000	\$87.15	\$128.83	\$41.68	47.82%
9,000	\$96.01	\$142.69	\$46.68	48.61%
10,000	\$104.88	\$156.54	\$51.66	49.26%
11,000	\$113.74	\$170.39	\$56.65	49.81%
12,000	\$122.60	\$184.25	\$61.65	50.28%
13,000	\$131.47	\$198.10	\$66.63	50.69%
14,000	\$140.33	\$211.96	\$71.63	51.05%
15,000	\$149.19	\$225.81	\$76.62	51.36%
16,000	\$158.05	\$239.66	\$81.61	51.63%
17,000	\$166.92	\$253.52	\$86.60	51.88%
18,000	\$175.78	\$267.37	\$91.59	52.10%
19,000	\$184.64	\$281.23	\$96.59	52.31%
20,000	\$193.51	\$295.08	\$101.57	52.49%
25,000	\$237.82	\$364.35	\$126.53	53.20%
30,000	\$282.13	\$433.62	\$151.49	53.69%
35,000	\$326.45	\$502.89	\$176.44	54.05%
40,000	\$370.76	\$572.16	\$201.40	54.32%
45,000	\$415.08	\$641.43	\$226.35	54.53%
50,000	\$459.39	\$710.70	\$251.31	54.70%
60,000	\$548.02	\$849.24	\$301.22	54.96%
70,000	\$636.65	\$987.78	\$351.13	55.15%
80,000	\$725.28	\$1,126.32	\$401.04	55.29%
90,000	\$813.91	\$1,264.86	\$450.95	55.41%
100,000	\$902.54	\$1,403.40	\$500.86	55.50%
110,000	\$991.16	\$1,541.94	\$550.78	55.57%
120,000	\$1,079.79	\$1,680.48	\$600.69	55.63%
130,000	\$1,168.42	\$1,819.02	\$650.60	55.68%
140,000	\$1,257.05	\$1,957.56	\$700.51	55.73%
150,000	\$1,345.68	\$2,096.10	\$750.42	55.77%
160,000	\$1,434.31	\$2,234.64	\$800.33	55.80%
170,000	\$1,522.94	\$2,373.18	\$850.24	55.83%
180,000	\$1,611.57	\$2,511.72	\$900.15	55.86%

* Average monthly bill.

** Present rates include 5.65% DSIC and -6.79% TCJA

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 3 - MCEWENSVILLE

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$16.25	\$18.00	\$1.75	10.77%
1,000	\$21.17	\$26.98	\$5.81	27.44%
2,000	\$26.10	\$35.97	\$9.87	37.82%
3,000	\$31.02	\$44.95	\$13.93	44.91%
3,458 *	\$33.28	\$49.06	\$15.78	47.42%
4,000	\$35.94	\$53.93	\$17.99	50.06%
5,000	\$40.87	\$62.92	\$22.05	53.95%
6,000	\$45.79	\$71.90	\$26.11	57.02%
7,000	\$50.72	\$80.88	\$30.16	59.46%
8,000	\$55.64	\$89.86	\$34.22	61.50%
9,000	\$60.56	\$98.85	\$38.29	63.23%
10,000	\$65.49	\$107.83	\$42.34	64.65%
11,000	\$70.41	\$116.81	\$46.40	65.90%
12,000	\$75.33	\$125.80	\$50.47	67.00%
13,000	\$80.26	\$134.78	\$54.52	67.93%
14,000	\$85.18	\$143.76	\$58.58	68.77%
15,000	\$90.11	\$152.75	\$62.64	69.52%
16,000	\$95.03	\$161.73	\$66.70	70.19%
17,000	\$99.95	\$170.71	\$70.76	70.80%
18,000	\$104.88	\$179.69	\$74.81	71.33%
19,000	\$109.80	\$188.68	\$78.88	71.84%
20,000	\$114.72	\$197.66	\$82.94	72.30%
25,000	\$139.34	\$242.58	\$103.24	74.09%
30,000	\$163.96	\$287.49	\$123.53	75.34%
35,000	\$188.58	\$332.41	\$143.83	76.27%
40,000	\$213.20	\$377.32	\$164.12	76.98%
45,000	\$237.82	\$422.24	\$184.42	77.55%
50,000	\$262.44	\$467.15	\$204.71	78.00%
60,000	\$311.68	\$556.98	\$245.30	78.70%
70,000	\$360.92	\$646.81	\$285.89	79.21%
80,000	\$410.15	\$736.64	\$326.49	79.60%
90,000	\$459.39	\$826.47	\$367.08	79.91%
100,000	\$508.63	\$916.30	\$407.67	80.15%
110,000	\$557.87	\$1,006.13	\$448.26	80.35%
120,000	\$607.11	\$1,095.96	\$488.85	80.52%
130,000	\$656.34	\$1,185.79	\$529.45	80.67%
140,000	\$705.58	\$1,275.62	\$570.04	80.79%
150,000	\$754.82	\$1,365.45	\$610.63	80.90%
160,000	\$804.06	\$1,455.28	\$651.22	80.99%
170,000	\$853.30	\$1,545.11	\$691.81	81.07%
180,000	\$902.54	\$1,634.94	\$732.40	81.15%

* Average monthly bill.

** Present rates include 5.65% DSIC and -6.79% TCJA

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 4 - TURBOTVILLE

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$41.03	\$18.00	-\$23.03	-56.13%
1,000	\$41.03	\$31.85	-\$9.18	-22.36%
2,000	\$41.03	\$45.71	\$4.68	11.40%
3,000	\$41.03	\$59.56	\$18.53	45.17%
3,458 *	\$45.40	\$65.91	\$20.51	45.17%
4,000	\$50.58	\$73.42	\$22.84	45.15%
5,000	\$56.59	\$87.27	\$30.68	54.21%
6,000	\$62.22	\$101.12	\$38.90	62.53%
7,000	\$67.85	\$114.98	\$47.13	69.46%
8,000	\$73.48	\$128.83	\$55.35	75.33%
9,000	\$79.11	\$142.69	\$63.58	80.36%
10,000	\$84.73	\$156.54	\$71.81	84.75%
11,000	\$90.36	\$170.39	\$80.03	88.57%
12,000	\$95.99	\$184.25	\$88.26	91.94%
13,000	\$101.62	\$198.10	\$96.48	94.94%
14,000	\$107.25	\$211.96	\$104.71	97.63%
15,000	\$112.87	\$225.81	\$112.94	100.06%
16,000	\$118.50	\$239.66	\$121.16	102.25%
17,000	\$124.13	\$253.52	\$129.39	104.24%
18,000	\$129.76	\$267.37	\$137.61	106.05%
19,000	\$135.39	\$281.23	\$145.84	107.72%
20,000	\$141.01	\$295.08	\$154.07	109.26%
25,000	\$169.15	\$364.35	\$195.20	115.40%
30,000	\$197.29	\$433.62	\$236.33	119.79%
35,000	\$225.43	\$502.89	\$277.46	123.08%
40,000	\$253.57	\$572.16	\$318.59	125.64%
45,000	\$281.71	\$641.43	\$359.72	127.69%
50,000	\$309.85	\$710.70	\$400.85	129.37%
60,000	\$366.13	\$849.24	\$483.11	131.95%
70,000	\$422.41	\$987.78	\$565.37	133.84%
80,000	\$478.69	\$1,126.32	\$647.63	135.29%
90,000	\$534.97	\$1,264.86	\$729.89	136.44%
100,000	\$591.25	\$1,403.40	\$812.15	137.36%
110,000	\$647.53	\$1,541.94	\$894.41	138.13%
120,000	\$703.81	\$1,680.48	\$976.67	138.77%
130,000	\$760.09	\$1,819.02	\$1,058.93	139.32%
140,000	\$816.37	\$1,957.56	\$1,141.19	139.79%
150,000	\$872.65	\$2,096.10	\$1,223.45	140.20%
160,000	\$928.93	\$2,234.64	\$1,305.71	140.56%
170,000	\$985.21	\$2,373.18	\$1,387.97	140.88%
180,000	\$1,041.49	\$2,511.72	\$1,470.23	141.17%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
WINOLA

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$33.23	\$33.23	\$0.00	0.00%
1,000	\$33.23	\$33.23	\$0.00	0.00%
2,000	\$33.23	\$33.23	\$0.00	0.00%
3,000	\$33.23	\$33.23	\$0.00	0.00%
3,000	\$33.23	\$33.23	\$0.00	0.00%
3,458 *	\$33.23	\$33.23	\$0.00	0.00%
4,000	\$33.23	\$33.23	\$0.00	0.00%
5,000	\$33.23	\$33.23	\$0.00	0.00%
6,000	\$33.23	\$33.23	\$0.00	0.00%
7,000	\$33.23	\$33.23	\$0.00	0.00%
8,000	\$33.23	\$33.23	\$0.00	0.00%
9,000	\$33.23	\$33.23	\$0.00	0.00%
10,000	\$33.23	\$33.23	\$0.00	0.00%
11,000	\$33.23	\$33.23	\$0.00	0.00%
12,000	\$33.23	\$33.23	\$0.00	0.00%
13,000	\$33.23	\$33.23	\$0.00	0.00%
14,000	\$33.23	\$33.23	\$0.00	0.00%
15,000	\$33.23	\$33.23	\$0.00	0.00%
16,000	\$33.23	\$33.23	\$0.00	0.00%
17,000	\$33.23	\$33.23	\$0.00	0.00%
18,000	\$33.23	\$33.23	\$0.00	0.00%
19,000	\$33.23	\$33.23	\$0.00	0.00%
20,000	\$33.23	\$33.23	\$0.00	0.00%
25,000	\$33.23	\$33.23	\$0.00	0.00%
30,000	\$33.23	\$33.23	\$0.00	0.00%
35,000	\$33.23	\$33.23	\$0.00	0.00%
40,000	\$33.23	\$33.23	\$0.00	0.00%
45,000	\$33.23	\$33.23	\$0.00	0.00%
50,000	\$33.23	\$33.23	\$0.00	0.00%
60,000	\$33.23	\$33.23	\$0.00	0.00%
70,000	\$33.23	\$33.23	\$0.00	0.00%
80,000	\$33.23	\$33.23	\$0.00	0.00%
90,000	\$33.23	\$33.23	\$0.00	0.00%
100,000	\$33.23	\$33.23	\$0.00	0.00%
110,000	\$33.23	\$33.23	\$0.00	0.00%
120,000	\$33.23	\$33.23	\$0.00	0.00%
130,000	\$33.23	\$33.23	\$0.00	0.00%
140,000	\$33.23	\$33.23	\$0.00	0.00%
150,000	\$33.23	\$33.23	\$0.00	0.00%
160,000	\$33.23	\$33.23	\$0.00	0.00%
170,000	\$33.23	\$33.23	\$0.00	0.00%
180,000	\$33.23	\$33.23	\$0.00	0.00%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 1 - PAWC

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$18.00	\$18.50	\$0.50	2.78%
1,000	\$31.85	\$33.32	\$1.46	4.59%
2,000	\$45.71	\$48.13	\$2.42	5.30%
3,000	\$59.56	\$62.95	\$3.38	5.68%
3,000	\$59.56	\$62.95	\$3.38	5.68%
3,458 *	\$65.91	\$69.73	\$3.82	5.80%
4,000	\$73.42	\$77.76	\$4.34	5.92%
5,000	\$87.27	\$92.58	\$5.31	6.08%
6,000	\$101.12	\$107.39	\$6.27	6.20%
7,000	\$114.98	\$122.21	\$7.23	6.29%
8,000	\$128.83	\$137.02	\$8.19	6.36%
9,000	\$142.69	\$151.84	\$9.15	6.41%
10,000	\$156.54	\$166.65	\$10.11	6.46%
11,000	\$170.39	\$181.47	\$11.07	6.50%
12,000	\$184.25	\$196.28	\$12.03	6.53%
13,000	\$198.10	\$211.10	\$12.99	6.56%
14,000	\$211.96	\$225.91	\$13.95	6.58%
15,000	\$225.81	\$240.73	\$14.92	6.61%
16,000	\$239.66	\$255.54	\$15.88	6.62%
17,000	\$253.52	\$270.36	\$16.84	6.64%
18,000	\$267.37	\$285.17	\$17.80	6.66%
19,000	\$281.23	\$299.99	\$18.76	6.67%
20,000	\$295.08	\$314.80	\$19.72	6.68%
25,000	\$364.35	\$388.88	\$24.53	6.73%
30,000	\$433.62	\$462.95	\$29.33	6.76%
35,000	\$502.89	\$537.03	\$34.14	6.79%
40,000	\$572.16	\$611.10	\$38.94	6.81%
45,000	\$641.43	\$685.18	\$43.75	6.82%
50,000	\$710.70	\$759.25	\$48.55	6.83%
60,000	\$849.24	\$907.40	\$58.16	6.85%
70,000	\$987.78	\$1,055.55	\$67.77	6.86%
80,000	\$1,126.32	\$1,203.70	\$77.38	6.87%
90,000	\$1,264.86	\$1,351.85	\$86.99	6.88%
100,000	\$1,403.40	\$1,500.00	\$96.60	6.88%
110,000	\$1,541.94	\$1,648.15	\$106.21	6.89%
120,000	\$1,680.48	\$1,796.30	\$115.82	6.89%
130,000	\$1,819.02	\$1,944.45	\$125.43	6.90%
140,000	\$1,957.56	\$2,092.60	\$135.04	6.90%
150,000	\$2,096.10	\$2,240.75	\$144.65	6.90%
160,000	\$2,234.64	\$2,388.90	\$154.26	6.90%
170,000	\$2,373.18	\$2,537.05	\$163.87	6.91%
180,000	\$2,511.72	\$2,685.20	\$173.48	6.91%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 2

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$18.00	\$18.50	\$0.50	2.78%
1,000	\$31.85	\$33.32	\$1.47	4.60%
2,000	\$45.71	\$48.13	\$2.42	5.30%
3,000	\$59.56	\$62.95	\$3.39	5.69%
3,458 *	\$65.91	\$69.73	\$3.82	5.80%
4,000	\$73.42	\$77.76	\$4.34	5.92%
5,000	\$87.27	\$92.58	\$5.31	6.08%
6,000	\$101.12	\$107.39	\$6.27	6.20%
7,000	\$114.98	\$122.21	\$7.23	6.29%
8,000	\$128.83	\$137.02	\$8.19	6.36%
9,000	\$142.69	\$151.84	\$9.15	6.42%
10,000	\$156.54	\$166.65	\$10.11	6.46%
11,000	\$170.39	\$181.47	\$11.08	6.50%
12,000	\$184.25	\$196.28	\$12.03	6.53%
13,000	\$198.10	\$211.10	\$13.00	6.56%
14,000	\$211.96	\$225.91	\$13.95	6.58%
15,000	\$225.81	\$240.73	\$14.92	6.61%
16,000	\$239.66	\$255.54	\$15.88	6.62%
17,000	\$253.52	\$270.36	\$16.84	6.64%
18,000	\$267.37	\$285.17	\$17.80	6.66%
19,000	\$281.23	\$299.99	\$18.76	6.67%
20,000	\$295.08	\$314.80	\$19.72	6.68%
25,000	\$364.35	\$388.88	\$24.53	6.73%
30,000	\$433.62	\$462.95	\$29.33	6.76%
35,000	\$502.89	\$537.03	\$34.14	6.79%
40,000	\$572.16	\$611.10	\$38.94	6.81%
45,000	\$641.43	\$685.18	\$43.75	6.82%
50,000	\$710.70	\$759.25	\$48.55	6.83%
60,000	\$849.24	\$907.40	\$58.16	6.85%
70,000	\$987.78	\$1,055.55	\$67.77	6.86%
80,000	\$1,126.32	\$1,203.70	\$77.38	6.87%
90,000	\$1,264.86	\$1,351.85	\$86.99	6.88%
100,000	\$1,403.40	\$1,500.00	\$96.60	6.88%
110,000	\$1,541.94	\$1,648.15	\$106.21	6.89%
120,000	\$1,680.48	\$1,796.30	\$115.82	6.89%
130,000	\$1,819.02	\$1,944.45	\$125.43	6.90%
140,000	\$1,957.56	\$2,092.60	\$135.04	6.90%
150,000	\$2,096.10	\$2,240.75	\$144.65	6.90%
160,000	\$2,234.64	\$2,388.90	\$154.26	6.90%
170,000	\$2,373.18	\$2,537.05	\$163.87	6.91%
180,000	\$2,511.72	\$2,685.20	\$173.48	6.91%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 3 - MCEWENSVILLE

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$18.00	\$18.50	\$0.50	2.78%
1,000	\$26.98	\$33.32	\$6.34	23.50%
2,000	\$35.97	\$48.13	\$12.16	33.81%
3,000	\$44.95	\$62.95	\$18.00	40.04%
3,458 *	\$49.06	\$69.73	\$20.67	42.13%
4,000	\$53.93	\$77.76	\$23.83	44.19%
5,000	\$62.92	\$92.58	\$29.66	47.14%
6,000	\$71.90	\$107.39	\$35.49	49.36%
7,000	\$80.88	\$122.21	\$41.33	51.10%
8,000	\$89.86	\$137.02	\$47.16	52.48%
9,000	\$98.85	\$151.84	\$52.99	53.61%
10,000	\$107.83	\$166.65	\$58.82	54.55%
11,000	\$116.81	\$181.47	\$64.66	55.35%
12,000	\$125.80	\$196.28	\$70.48	56.03%
13,000	\$134.78	\$211.10	\$76.32	56.63%
14,000	\$143.76	\$225.91	\$82.15	57.14%
15,000	\$152.75	\$240.73	\$87.98	57.60%
16,000	\$161.73	\$255.54	\$93.81	58.00%
17,000	\$170.71	\$270.36	\$99.65	58.37%
18,000	\$179.69	\$285.17	\$105.48	58.70%
19,000	\$188.68	\$299.99	\$111.31	58.99%
20,000	\$197.66	\$314.80	\$117.14	59.26%
25,000	\$242.58	\$388.88	\$146.30	60.31%
30,000	\$287.49	\$462.95	\$175.46	61.03%
35,000	\$332.41	\$537.03	\$204.62	61.56%
40,000	\$377.32	\$611.10	\$233.78	61.96%
45,000	\$422.24	\$685.18	\$262.94	62.27%
50,000	\$467.15	\$759.25	\$292.10	62.53%
60,000	\$556.98	\$907.40	\$350.42	62.91%
70,000	\$646.81	\$1,055.55	\$408.74	63.19%
80,000	\$736.64	\$1,203.70	\$467.06	63.40%
90,000	\$826.47	\$1,351.85	\$525.38	63.57%
100,000	\$916.30	\$1,500.00	\$583.70	63.70%
110,000	\$1,006.13	\$1,648.15	\$642.02	63.81%
120,000	\$1,095.96	\$1,796.30	\$700.34	63.90%
130,000	\$1,185.79	\$1,944.45	\$758.66	63.98%
140,000	\$1,275.62	\$2,092.60	\$816.98	64.05%
150,000	\$1,365.45	\$2,240.75	\$875.30	64.10%
160,000	\$1,455.28	\$2,388.90	\$933.62	64.15%
170,000	\$1,545.11	\$2,537.05	\$991.94	64.20%
180,000	\$1,634.94	\$2,685.20	\$1,050.26	64.24%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 4 - TURBOTVILLE

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$18.00	\$18.50	\$0.50	2.78%
1,000	\$31.85	\$33.32	\$1.47	4.60%
2,000	\$45.71	\$48.13	\$2.42	5.29%
3,000	\$59.56	\$62.95	\$3.39	5.68%
3,458 *	\$65.91	\$69.73	\$3.82	5.80%
4,000	\$73.42	\$77.76	\$4.34	5.91%
5,000	\$87.27	\$92.58	\$5.31	6.08%
6,000	\$101.12	\$107.39	\$6.27	6.20%
7,000	\$114.98	\$122.21	\$7.22	6.28%
8,000	\$128.83	\$137.02	\$8.19	6.36%
9,000	\$142.69	\$151.84	\$9.15	6.41%
10,000	\$156.54	\$166.65	\$10.11	6.46%
11,000	\$170.39	\$181.47	\$11.08	6.50%
12,000	\$184.25	\$196.28	\$12.03	6.53%
13,000	\$198.10	\$211.10	\$13.00	6.56%
14,000	\$211.96	\$225.91	\$13.95	6.58%
15,000	\$225.81	\$240.73	\$14.92	6.61%
16,000	\$239.66	\$255.54	\$15.88	6.63%
17,000	\$253.52	\$270.36	\$16.84	6.64%
18,000	\$267.37	\$285.17	\$17.80	6.66%
19,000	\$281.23	\$299.99	\$18.76	6.67%
20,000	\$295.08	\$314.80	\$19.72	6.68%
25,000	\$364.35	\$388.88	\$24.53	6.73%
30,000	\$433.62	\$462.95	\$29.33	6.76%
35,000	\$502.89	\$537.03	\$34.14	6.79%
40,000	\$572.16	\$611.10	\$38.94	6.81%
45,000	\$641.43	\$685.18	\$43.75	6.82%
50,000	\$710.70	\$759.25	\$48.55	6.83%
60,000	\$849.24	\$907.40	\$58.16	6.85%
70,000	\$987.78	\$1,055.55	\$67.77	6.86%
80,000	\$1,126.32	\$1,203.70	\$77.38	6.87%
90,000	\$1,264.86	\$1,351.85	\$86.99	6.88%
100,000	\$1,403.40	\$1,500.00	\$96.60	6.88%
110,000	\$1,541.94	\$1,648.15	\$106.21	6.89%
120,000	\$1,680.48	\$1,796.30	\$115.82	6.89%
130,000	\$1,819.02	\$1,944.45	\$125.43	6.90%
140,000	\$1,957.56	\$2,092.60	\$135.04	6.90%
150,000	\$2,096.10	\$2,240.75	\$144.65	6.90%
160,000	\$2,234.64	\$2,388.90	\$154.26	6.90%
170,000	\$2,373.18	\$2,537.05	\$163.87	6.91%
180,000	\$2,511.72	\$2,685.20	\$173.48	6.91%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
WINOLA

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$33.23	\$33.23	\$0.00	0.00%
1,000	\$33.23	\$33.23	\$0.00	0.00%
2,000	\$33.23	\$33.23	\$0.00	0.00%
3,000	\$33.23	\$33.23	\$0.00	0.00%
3,000	\$33.23	\$33.23	\$0.00	0.00%
3,458 *	\$33.23	\$33.23	\$0.00	0.00%
4,000	\$33.23	\$33.23	\$0.00	0.00%
5,000	\$33.23	\$33.23	\$0.00	0.00%
6,000	\$33.23	\$33.23	\$0.00	0.00%
7,000	\$33.23	\$33.23	\$0.00	0.00%
8,000	\$33.23	\$33.23	\$0.00	0.00%
9,000	\$33.23	\$33.23	\$0.00	0.00%
10,000	\$33.23	\$33.23	\$0.00	0.00%
11,000	\$33.23	\$33.23	\$0.00	0.00%
12,000	\$33.23	\$33.23	\$0.00	0.00%
13,000	\$33.23	\$33.23	\$0.00	0.00%
14,000	\$33.23	\$33.23	\$0.00	0.00%
15,000	\$33.23	\$33.23	\$0.00	0.00%
16,000	\$33.23	\$33.23	\$0.00	0.00%
17,000	\$33.23	\$33.23	\$0.00	0.00%
18,000	\$33.23	\$33.23	\$0.00	0.00%
19,000	\$33.23	\$33.23	\$0.00	0.00%
20,000	\$33.23	\$33.23	\$0.00	0.00%
25,000	\$33.23	\$33.23	\$0.00	0.00%
30,000	\$33.23	\$33.23	\$0.00	0.00%
35,000	\$33.23	\$33.23	\$0.00	0.00%
40,000	\$33.23	\$33.23	\$0.00	0.00%
45,000	\$33.23	\$33.23	\$0.00	0.00%
50,000	\$33.23	\$33.23	\$0.00	0.00%
60,000	\$33.23	\$33.23	\$0.00	0.00%
70,000	\$33.23	\$33.23	\$0.00	0.00%
80,000	\$33.23	\$33.23	\$0.00	0.00%
90,000	\$33.23	\$33.23	\$0.00	0.00%
100,000	\$33.23	\$33.23	\$0.00	0.00%
110,000	\$33.23	\$33.23	\$0.00	0.00%
120,000	\$33.23	\$33.23	\$0.00	0.00%
130,000	\$33.23	\$33.23	\$0.00	0.00%
140,000	\$33.23	\$33.23	\$0.00	0.00%
150,000	\$33.23	\$33.23	\$0.00	0.00%
160,000	\$33.23	\$33.23	\$0.00	0.00%
170,000	\$33.23	\$33.23	\$0.00	0.00%
180,000	\$33.23	\$33.23	\$0.00	0.00%

* Average monthly bill.

**EXHIBIT NO. 12-J -
REVENUE RATE APPLICATION FOR
STEELTON WATER OPERATIONS**

PENNSYLVANIA-AMERICAN WATER COMPANY
MECHANICSBURG, PENNSYLVANIA

STEELTON WATER OPERATIONS

APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

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PENNSYLVANIA-AMERICAN WATER COMPANY

STEELTON WATER OPERATIONS
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

INTRODUCTION

Steelton Water Operations is organized into ten schedules. Schedules 1 and 2 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2022. Schedules 3 and 4 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2021. Schedules 5 and 6 summarize the application of present rates to the consumption analysis and the pro forma adjustments under present rates for the twelve months ended December 31, 2019, 2020 and 2021. Schedules 7 through 9 set forth the application of present and proposed rates to the detailed consumption analysis and billing determinants. Schedule 10 sets forth the comparison of customer bills under present and proposed rates.

PRESENT RATE APPLICATION

Schedule 5 summarizes the pro forma revenues under present rates. Column 2 presents the revenues per books adjusted for the removal of DSIC and TCJA surcharge revenues. Column 3 presents the revenues from the application of base rates in effect during the test year for each rate zone to the detailed consumption analysis for the twelve

months ended December 31, 2019. The application of rates for the various rate zones and customer classifications is summarized in Schedule 6, from the application of present rates in Schedules 7 and 8. The adjustment factor in column 4 is calculated by dividing column 2 by column 3.

Column 5 of Schedule 5 is the result of applying the adjustment factor in column 4 to the revenues in column 3. The application of present base rates to the pro forma historic and future test year adjustments of number of bills and consumption is presented in Schedule 9, summarized in Schedule 4 and brought forward to column 6 of Schedule 3. Column 5 is added to column 6 to arrive at the total pro forma revenues under present rates in column 7.

2021 RATE APPLICATION

Schedule 3 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2021 and determines the revenue increase by customer classification under proposed rates. Under proposed rates, Rate Zone 1 rates are applied to all customer classifications in Rate Zones 1 and 2. Rate Zones 3, the Commercial customers in Rate Zone 4 and Winola have rates different than Rate Zone 1. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 7 of Schedule 5. Column 3 is the result of applying proposed rates to the detailed consumption analysis presented in Schedules 7 and 8, and summarized in Schedule 4. The adjustment factor is applied to the revenues in column 3 to determine the proposed revenues in column 5. Column 6 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 9 and summarized in Schedule 4. Column 7 is the sum of columns 5 and 6 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 8 by subtracting the pro forma revenues under present rates in column 2 from

the pro forma revenues under proposed rates in column 7. The percent increase is shown in column 9.

2022 RATE APPLICATION

Schedule 1 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2022 and determines the revenue increase by customer classification under proposed rates. Under proposed rates, Rate Zone 1 rates are applied to all rate zones and customer classifications with the exception of Winola, which maintains its current rates. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 7 of Schedule 3. Column 3 adjusts these revenues for 2022 revenue adjustments under 2021 rates and when added to column 2, produces the 2022 pro forma revenues under 2021 rates in column 4. Column 5 is the result of applying proposed rates to the detailed consumption analysis presented in Schedules 7 and 8, and summarized in Schedule 2. The adjustment factor is applied to the revenues in column 6 to determine the proposed revenues in column 7. Column 8 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 9, and summarized in Schedule 2. Column 9 is the sum of columns 7 and 8 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 10 by subtracting the pro forma revenues under present rates in column 4 from the pro forma revenues under proposed rates in column 9. The percent increase is shown in column 11.

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES

Schedule 10 presents a comparison of customers' bills under present and 2021 rates and a comparison of customers' bills under 2021 rates and 2022 rates at various consumption levels for the residential customer classification.

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS
 SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021 AND 2022
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER 2022 RATES

Customer Classification (1)	Pro Forma Revenues, Present Rates (Schedule 3) (2)	Pro Forma Adjustments 2021 Rates (Schedule 4) (3)	Pro Forma Revenues, 2021 Rates As of 2022 (4)	Bill Analysis Revenues, 2022 Rates (Schedule 2) (5)	Adjustment Factor (Sch. 3, col 4) (6)	Revenues, 2022 Rates (7)=(5)X(6)	2022 Pro Forma Adjustments Proposed Rates (Schedule 2) (8)	Total Pro Forma Revenue 2022 Rates (9)=(7)+(8)	2022 Increase (10)=(9)-(4)	Percent Increase (11)
METERED SALES										
Residential	\$ 1,059,899	\$ (19,287)	\$ 1,040,612	\$ 184,536	0.96113026	\$ 177,363	\$ 1,035,867	\$ 1,213,230	\$ 172,619	16.6%
Commercial	153,268	(3,249)	150,019	22,153	0.98665404	21,857	153,059	174,916	24,898	16.6%
Industrial	2,044,671		2,044,671	381,200	1.00000051	381,200	2,002,948	2,384,148	339,477	16.6%
Municipal	30,770		30,770	3,505	0.99988818	3,505	32,375	35,880	5,110	16.6%
Sales for Resale	49,786		49,786	-	0.00000000	-	50,477	50,477	691	1.4%
Total Metered Sales	3,338,393	(22,536)	3,315,857	591,394		583,925	3,274,726	3,858,652	542,794	16.4%
UNMETERED SALES										
Private Fire Protection	-	-	41,500	43,788	1.00000000	43,788	-	43,788	2,288	5.5%
Public Fire Protection	41,500	-	41,500	43,788	1.00000000	43,788	-	43,788	2,288	5.5%
Subtotal Unmetered Sales	41,500	-	41,500	43,788		43,788	-	43,788	2,288	5.5%
Total Sales of Water	3,379,893	(22,536)	3,357,357	635,182		627,713	3,274,726	3,902,440	545,082	16.2%
Other Operating Revenues	33,809	(117)	33,692	33,692		33,692	787	34,479	787	2.3%
Total	\$ 3,413,702	\$ (22,653)	\$ 3,391,049	\$ 668,874		\$ 661,405	\$ 3,275,513	\$ 3,936,919	\$ 545,869	16.1%

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS
 SUMMARY OF APPLICATION OF PROPOSED RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019-2022

Rate Zone (1)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Sales for Resale (6)	Metered Total (7)
<u>Proposed Rate Application, Schedule 5</u>						
Zone 5	184,536	22,153	381,200	3,505	-	591,394
Total	<u>\$ 184,536</u>	<u>\$ 22,153</u>	<u>\$ 381,200</u>	<u>\$ 3,505</u>	<u>\$ -</u>	<u>\$ 591,394</u>
<u>Proforma Adjustments, Schedule 8</u>						
Zone 5	1,035,867	153,059	2,002,948	32,375	50,477	3,274,726
Total	<u>\$ 1,035,867</u>	<u>\$ 153,059</u>	<u>\$ 2,002,948</u>	<u>\$ 32,375</u>	<u>\$ 50,477</u>	<u>\$ 3,274,726</u>

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS
 SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER 2021 RATES

Customer Classification (1)	Pro Forma Revenues, Present Rates (Schedule 3) (2)	Bill Analysis Revenues, 2021 Rates (Schedule 4) (3)	Adjustment Factor (Sch. 3, col 4) (4)	Revenues, 2021 Rates (5)=(4)X(3)	2019-2021 Pro Forma Adjustments Proposed Rates (Schedule 4) (6)	Total Pro Forma Revenue 2021 Rates (7)=(5)+(6)	2021 Increase (8)=(7)-(2)	Percent Increase (9)
METERED SALES								
Residential	\$ 883,173	\$ 158,282	0.96113026	\$ 152,130	\$ 907,769	\$ 1,059,899	\$ 176,725	20.0%
Commercial	127,721	19,001	0.98665404	18,748	134,520	153,268	25,547	20.0%
Industrial	1,703,892	326,922	1.00000051	326,922	1,717,749	2,044,671	340,779	20.0%
Municipal	25,642	3,005	0.99988818	3,005	27,765	30,770	5,128	20.0%
Sales for Resale	49,106	-	-	-	49,786	49,786	680	1.4%
Total Metered Sales	2,789,534	507,210		500,804	2,837,589	3,338,393	548,859	19.7%
UNMETERED SALES								
Private Fire Protection	-	-	1.00000000	-	-	-	-	
Public Fire Protection	-	41,500	1.00000000	41,500	-	41,500	41,500	
Subtotal Unmetered Sales	-	41,500		41,500	-	41,500	41,500	
Total Sales of Water	2,789,534	548,711		542,304	2,837,589	3,379,893	590,359	21.2%
Other Operating Revenues	19,035	19,035		19,035	14,774	33,809	14,774	77.6%
Total	\$ 2,808,569	\$ 567,746		\$ 561,339	\$ 2,852,363	\$ 3,413,702	\$ 605,133	21.5%

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

SUMMARY OF APPLICATION OF PROPOSED RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Rate Zone (1)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Sales for Resale (6)	Metered Total (7)
<u>Proposed Rate Application, Schedule 7</u>						
Zone 5	158,282	19,001	326,922	3,005	-	507,210
Total	\$ 158,282	\$ 19,001	\$ 326,922	\$ 3,005	\$ -	\$ 507,210
<u>2021 Proforma Adjustments, Schedule 9</u>						
Zone 5	907,769	134,520	1,717,749	27,765	49,786	2,837,589
Total	\$ 907,769	\$ 134,520	\$ 1,717,749	\$ 27,765	\$ 49,786	\$ 2,837,589
Total 2021	\$ 1,066,051	\$ 153,521	\$ 2,044,671	\$ 30,770	\$ 49,786	\$ 3,344,799
<u>2022 Proforma Adjustments, Schedule 9</u>						
Zone 5	(19,287)	(3,249)	-	-	-	(22,536)
Total	\$ (19,287)	\$ (3,249)	\$ -	\$ -	\$ -	\$ (22,536)
Total - 2022	\$ 1,046,764	\$ 150,272	\$ 2,044,671	\$ 30,770	\$ 49,786	\$ 3,322,263

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS
 SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES
 FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification (1)	Adjusted Revenues, Per Books Present Rates 12/31/2019 (2)	Bill Analysis Revenues, Present Rates (Schedule 4) (3)	Adjustment Factor (4)=(2)/(3)	Revenues Under Present Rates (5)=(4)X(3)	Pro Forma Adjustments Present Rates 2019, 2020, 2021 (Schedule 4) (6)	Total Pro Forma Revenue Present Rates 12/31/2021 (7)=(5)+(6)
METERED SALES						
Residential	\$ 126,763	\$ 131,890	0.96113026	\$ 126,763	\$ 756,410	\$ 883,173
Commercial	15,623	15,834	0.98665404	15,623	112,098	127,721
Industrial	272,434	272,434	1.00000051	272,434	1,431,458	1,703,892
Municipal	2,504	2,504	0.99988818	2,504	23,138	25,642
Sales for Resale	-	-	-	-	49,106	49,106
Total Metered Sales	\$ 417,324	\$ 422,662	0.98737055	\$ 417,324	\$ 2,372,210	\$ 2,789,534
UNMETERED SALES						
Private Fire Protection	-	-	-	-	-	-
Public Fire Protection	-	-	-	-	-	-
Subtotal Unmetered Sales	-	-	-	-	-	-
Total Sales of Water	\$ 417,324	\$ 422,662	-	\$ 417,324	\$ 2,372,210	\$ 2,789,534
Other Operating Revenues	\$ 1,954	\$ 1,954	-	\$ 1,954	\$ 17,081	\$ 19,035
Total	\$ 419,278	\$ 424,616	-	\$ 419,278	\$ 2,389,291	\$ 2,808,569

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020, AND 2021

Rate Zone (1)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Sales for Resale (6)	Metered Total (7)
<u>Present Rate Application - Schedule 5</u>						
Zone 5	131,890	15,834	272,434	2,504		422,662
Total	\$ 131,890	\$ 15,834	\$ 272,434	\$ 2,504	\$ -	\$ 422,662
<u>Proforma Adjustments - Schedule 9</u>						
Zone 5	756,410	112,098	1,431,458	23,138	49,106	2,372,210
Total	\$ 756,410	\$ 112,098	\$ 1,431,458	\$ 23,138	\$ 49,106	\$ 2,372,210

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019

Rate Block (1)	Number of Monthly Minimum Bills (2)	Present Consumption, 100 Gallons (3)	Present Monthly Rate (4)	Present Revenue (5)	2021 Monthly Fixed Charges (6)	Proposed Consumption 100 Gallons (7)	2021 Monthly Rate (8)	2021 Revenue (9)	2022 Monthly Rate (10)	2022 Revenue (11)
Residential - Monthly										
Mini/Allow Over										
5/8	4,057	-	14.78	\$ 59,964	4,057	-	\$ 17.74	\$ 71,973	\$ 20.68	\$ 83,901
1	273	-	32.37	8,845	273	-	38.84	10,613	45.29	12,376
1 1/2	2	-	58.29	117	2	-	69.95	140	81.56	163
2	1	-	84.20	84	1	-	101.04	101	117.81	118
Subtotal	4,333	-		\$ 69,010	4,333	-		\$ 82,827		\$ 96,568
Allowance/First Block		46,958				46,958				
Second Block	-	69,019	0.8260	\$ 57,010		69,019	0.9912	\$ 68,412		\$ 79,765
Third Block	-	4,676	0.9120	4,265		4,676	1.0944	5,117		5,967
Fourth Block	-	2,037	0.7880	1,605		2,037	0.9456	1,926		2,246
Subtotal	-	122,690		62,880		122,690		\$ 75,455		\$ 87,978
Total Residential - Monthly	4,333	122,690		\$ 131,890	4,333	122,690		\$ 158,282		\$ 184,536
Commercial - Monthly										
Mini/Allow Over										
5/8	252	-	14.78	\$ 3,730	252	-	\$ 17.74	\$ 4,477	\$ 20.68	\$ 5,219
1	40	-	32.37	1,289	40	-	38.84	1,547	45.29	1,803
1 1/2	6	-	58.29	350	6	-	69.95	420	81.56	489
2	4	-	84.20	337	4	-	101.04	404	117.81	471
3	-	-	191.06	-	-	-	229.27	-	267.33	-
4	-	-	249.52	-	-	-	299.42	-	349.12	-
8	-	-	579.97	-	-	-	479.08	-	811.49	-
Subtotal	302	-		\$ 5,706	302	-		\$ 6,848		\$ 7,982
Allowance/First Block		2,843				2,843				
Second Block	-	8,257	0.8260	\$ 6,820		8,257	0.9912	\$ 8,184		\$ 9,543
Third Block	-	2,080	0.9120	1,897		2,080	1.0944	2,276		2,654
Fourth Block	-	1,790	0.7880	1,411		1,790	0.9456	1,693		1,974
Subtotal	0	14,970		10,128		14,970		\$ 12,153		\$ 14,171
Total Commercial - Monthly	302	14,970		\$ 15,834	302	14,970		\$ 19,001		\$ 22,153

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019

Rate Block (1)	Number of Monthly Minimum Bills (2)	Present Consumption, 100 Gallons (3)	Present Monthly Rate (4)	Present Revenue (5)	2021 Monthly Fixed Charges (6)	Proposed Consumption 100 Gallons (7)	2021 Monthly Rate (8)	2021 Revenue (9)	2022 Monthly Rate (10)	2022 Revenue (11)
<u>Industrial - Monthly</u>										
Min/Allow Over										
5/8	7	-	\$ 14.78	\$ 103	7	-	\$ 17.74	\$ 124	\$ 20.68	\$ 145
2	5	-	84.20	421	5	-	101.04	505	117.81	589
4	4	-	249.52	998	4	-	299.42	1,198	349.12	1,396
6	8	-	399.23	3,194	8	-	479.08	3,833	558.61	4,469
Subtotal	24	-		\$ 4,716	24	-		\$ 5,660		\$ 6,599
Allowance/First Block	-	234	-	-	-	234	-	-	-	-
Second Block	-	2,196	0.8260	1,814	-	2,196	0.9912	2,177	1,1557	2,538
Third Block	-	3,250	0.9120	2,964	-	3,250	1.0944	3,557	1,2761	4,147
Fourth Block	-	333,680	0.7880	262,940	-	333,680	0.9456	315,528	1,1026	367,916
Subtotal	-	339,360		\$ 267,718	-	339,360		\$ 321,262		\$ 374,601
Total Industrial Customers - Monthly	24	339,360		\$ 272,434	24	339,360		\$ 326,922		\$ 381,200
<u>Municipal - Monthly</u>										
Min/Allow Over										
5/8	20	-	\$ 14.78	\$ 300	20	-	\$ 17.74	\$ 360	\$ 20.68	\$ 420
1	2	-	32.37	65	2	-	38.84	78	45.29	91
1 1/2	1	-	58.29	58	1	-	69.95	70	81.56	82
Subtotal	23	-		\$ 423	23	-		\$ 508		\$ 593
Allowance/First Block	-	127	-	-	-	127	-	-	-	-
Second Block	-	447	0.8260	369	-	447	0.9912	443	1,1557	517
Third Block	-	547	0.9120	499	-	547	1.0944	599	1,2761	698
Fourth Block	-	1,539	0.7880	1,213	-	1,539	0.9456	1,455	1,1026	1,697
Subtotal	-	2,660		2,081	-	2,660		2,497		2,912
Total OPA - Monthly	23	2,660		\$ 2,504	23	2,660		\$ 3,005		\$ 3,505

PENNSYLVANIA AMERICAN WATER COMPANY
 ZONE 5 - STEELTON
 APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS
 FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019

Rate Block (1)	Number of Monthly Minimum Bills (2)	Present Consumption, 100 Gallons (3)	Present Monthly Rate (4)	Present Revenue (5)	2021 Monthly Fixed Charges (6)	Proposed Consumption 100 Gallons (7)	2021 Monthly Rate (8)	2021 Revenue (9)	2022 Monthly Rate (10)	2022 Revenue (11)
Mini/Allow Over Customer Charge	-	-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	\$ -
Volumetric Charge	-	-	\$ -	\$ -	-	-	0.0000	\$ -	0.0000	\$ -
Total Sales for Resale - Monthly	-	-	\$ -	\$ -	-	-	-	\$ -	-	\$ -
Total of All Customer Classes	4,683	479,680		\$ 422,662	4,683	479,680		\$ 507,210		\$ 591,394

Sales for Resale

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

APPLICATION OF PRESENT AND PROPOSED RATES TO
THE NUMBER OF PUBLIC FIRE HYDRANTS AS OF DECEMBER 31, 2021

<u>Service Area</u> (1)	<u>Proforma Number of Hydrants</u> (2)	<u>Present Annual Rate</u> (3)	<u>Pro Forma Present Revenue</u> (4)	<u>2021 Annual Rate</u> (5)	<u>2021 Proposed Revenue</u> (6)	<u>2022 Annual Rate</u> (7)	<u>2022 Proposed Revenue</u> (8)
Steelton	<u>205</u>	-	<u>-</u>	\$ 202.44	<u>41,500</u>	\$ 213.60	<u>43,788</u>
Total Public Fire Revenue	<u>205</u>		<u>\$ -</u>		<u>\$ 41,500</u>		<u>\$ 43,788</u>

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block (1)	Number of Monthly Minimum Bills (2)	Present Consumption, 100 Gallons (3)	Present Monthly Rate (4)	Present Revenue (5)	2021 Monthly Fixed Charges (6)	2021 Consumption 100 Gallons (7)	2021 Monthly Rate (8)	2021 Revenue (9)	2021 Consumption 100 Gallons (10)	2022 Monthly Rate (11)	2022 Revenue (12)	
Residential - Monthly												
Min/Allow Over												
5/8-inch	20,111	-	\$ 14.78	\$ 297,239	20,111	-	\$ 17.74	\$ 356,767	314,242	\$ 20.68	\$ 415,893	
1-inch	891	-	32.37	28,833	891	-	38.84	34,596	350,729	45.29	40,342	
1 1/2-inch	10	-	58.29	583	10	-	69.95	700	30,504	81.56	816	
2-inch	11	-	84.20	926	11	-	101.04	1,111	126,053	117.81	1,296	
4-inch	48	-	249.52	11,977	48	-	299.42	14,372	821,528	349.12	16,758	
Subtotal	21,071	-		\$ 339,558	21,071	-		\$ 407,546			\$ 475,105	
Allowance - First 17		314,242				314,242			314,242			
Next 183		350,729	0.8260	289,702		350,729	0.9912	347,643	350,729	1.1557	405,338	
Next 300		30,504	0.9120	27,820		30,504	1.0944	33,384	30,504	1.2761	38,926	
Over 500		126,053	0.7880	99,330		126,053	0.9456	119,196	126,053	1.1026	138,986	
Subtotal		821,528		\$ 416,852		821,528		\$ 500,223	821,528		\$ 583,250	
Total Residential - Quarterly	21,071	821,528		\$ 756,410	21,071	821,528		\$ 907,769	821,528		\$ 1,058,355	
Commercial - Monthly												
Min/Allow Over												
5/8-inch	948	-	\$ 14.78	\$ 14,006	948	-	\$ 17.74	\$ 16,811	18,207	\$ 20.68	\$ 19,597	
1-inch	254	-	32.37	8,228	254	-	38.84	9,872	30,504	45.29	11,512	
1 1/2-inch	78	-	58.29	4,547	78	-	69.95	5,456	30,504	81.56	6,362	
2-inch	44	-	84.20	3,705	44	-	101.04	4,446	126,053	117.81	5,184	
3-inch	24	-	191.06	4,585	24	-	229.27	5,502	821,528	267.33	6,416	
4-inch	12	-	249.52	2,994	12	-	299.42	3,593	821,528	349.12	4,189	
8-inch	12	-	579.97	6,960	12	-	695.96	8,352	821,528	811.49	9,738	
Subtotal	1,372	-		\$ 45,025	1,372	-		\$ 54,032			\$ 62,998	
Allowance or First Block		18,207				18,207			18,207			
Second Block		50,641	0.8260	41,829		50,641	0.9912	50,195	50,641	1.1557	58,526	
Third Block		20,500	0.9120	18,696		20,500	1.0944	22,435	20,500	1.2761	26,160	
Fourth Block		8,310	0.7880	6,548		8,310	0.9456	7,858	8,310	1.1026	9,163	
Subtotal		97,658		\$ 67,073		97,658		\$ 80,488	97,658		\$ 93,849	
Total Commercial - Quarterly	1,372	97,658		\$ 112,098	1,372	97,658		\$ 134,520	97,658		\$ 156,847	

PENNSYLVANIA AMERICAN WATER COMPANY
 ZONE 5 - STEELTON
 APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

		<u>Sales for Resale - SUEZ - Monthly - Contract</u>												
Customer Charge	12	\$	1,675	\$	20,100	12	\$	1,698	\$	20,376	\$	1,722.00	\$	20,664
Volumetric Charge	-				<u>29,006</u>	0		<u>0.1602</u>		<u>29,410</u>		0.1624		<u>29,813</u>
Total Sales for Resale - Quarterly	12		<u>183,580</u>			12		<u>183,580</u>		<u>183,580</u>				<u>183,580</u>
Total of All Customer Classes	22,697		<u>2,892,807</u>		<u>2,372,210</u>	22,697		<u>2,892,807</u>		<u>2,837,589</u>				<u>2,866,991</u>

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2022

Rate Block (1)	Number of Monthly Minimum Bills (2)	Proposed Consumption 100 Gallons (3)	2021 Monthly Rate (4)	2021 Revenue (5)	2022 Monthly Rate (6)	2022 Revenue (7)
<u>Residential - Monthly</u>						
Min/Allow Over						
5/8-Inch			17.74	\$ -	20.68	\$ -
1-Inch			38.84	-	45.29	-
1 1/2-Inch			69.95	-	81.56	-
2-Inch			101.04	-	117.81	-
4-Inch			299.42	-	349.12	-
Subtotal				\$ -		\$ -
Allowance - First 17				\$ -	-	-
Next 183		(19,458)	0.9912	(19,287)	1.1557	(22,488)
Next 300			1.0944	-	1.2761	-
Over 500			0.9456	-	1.1026	-
Subtotal		(19,458)		\$ (19,287)		\$ (22,488)
Total Residential - Quarterly		(19,458)		\$ (19,287)		\$ (22,488)
<u>Commercial - Monthly</u>						
Min/Allow Over						
5/8-Inch			17.74	\$ -	20.68	\$ -
1-Inch			38.84	-	45.29	-
1 1/2-Inch			69.95	-	81.56	-
2-Inch			101.04	-	117.81	-
3-Inch			229.27	-	267.33	-
4-Inch			299.42	-	349.12	-
8-Inch			695.96	-	558.61	-
Subtotal				\$ -		\$ -
Allowance - First 17				\$ -	-	-
Next 183		(3,278)	0.9912	(3,249)	1.1557	(3,788)
Next 300			1.0944	-	1.2761	-
Over 500			0.9456	-	1.1026	-
Subtotal		(3,278)		\$ (3,249)		\$ (3,788)
Total Commercial - Quarterly		(3,278)		\$ (3,249)		\$ (3,788)

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 5 - STEELTON

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$14.78	\$17.74	\$2.96	20.03%
1,000	\$14.78	\$17.74	\$2.96	20.03%
2,000	\$17.26	\$20.71	\$3.45	20.01%
3,000	\$25.52	\$30.63	\$5.11	20.01%
3,458 *	\$29.30	\$35.17	\$5.87	20.02%
4,000	\$33.78	\$40.54	\$6.76	20.00%
5,000	\$42.04	\$50.45	\$8.41	20.00%
6,000	\$50.30	\$60.36	\$10.06	20.00%
7,000	\$58.56	\$70.27	\$11.71	20.00%
8,000	\$66.82	\$80.19	\$13.37	20.00%
9,000	\$75.08	\$90.10	\$15.02	20.00%
10,000	\$83.34	\$100.01	\$16.67	20.00%
11,000	\$91.60	\$109.92	\$18.32	20.00%
12,000	\$99.86	\$119.83	\$19.97	20.00%
13,000	\$108.12	\$129.75	\$21.63	20.00%
14,000	\$116.38	\$139.66	\$23.28	20.00%
15,000	\$124.64	\$149.57	\$24.93	20.00%
16,000	\$132.90	\$159.48	\$26.58	20.00%
17,000	\$141.16	\$169.39	\$28.23	20.00%
18,000	\$149.42	\$179.31	\$29.89	20.00%
19,000	\$157.68	\$189.22	\$31.54	20.00%
20,000	\$165.94	\$199.13	\$33.19	20.00%
25,000	\$211.54	\$253.85	\$42.31	20.00%
30,000	\$257.14	\$308.57	\$51.43	20.00%
35,000	\$302.74	\$363.29	\$60.55	20.00%
40,000	\$348.34	\$418.01	\$69.67	20.00%
45,000	\$393.94	\$472.73	\$78.79	20.00%
50,000	\$439.54	\$527.45	\$87.91	20.00%
60,000	\$518.34	\$622.01	\$103.67	20.00%
70,000	\$597.14	\$716.57	\$119.43	20.00%
80,000	\$675.94	\$811.13	\$135.19	20.00%
90,000	\$754.74	\$905.69	\$150.95	20.00%
100,000	\$833.54	\$1,000.25	\$166.71	20.00%
110,000	\$912.34	\$1,094.81	\$182.47	20.00%
120,000	\$991.14	\$1,189.37	\$198.23	20.00%
130,000	\$1,069.94	\$1,283.93	\$213.99	20.00%
140,000	\$1,148.74	\$1,378.49	\$229.75	20.00%
150,000	\$1,227.54	\$1,473.05	\$245.51	20.00%
160,000	\$1,306.34	\$1,567.61	\$261.27	20.00%
170,000	\$1,385.14	\$1,662.17	\$277.03	20.00%
180,000	\$1,463.94	\$1,756.73	\$292.79	20.00%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 5 - STEELTON

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$17.74	\$20.68	\$2.94	16.57%
1,000	\$17.74	\$20.68	\$2.94	16.57%
2,000	\$20.71	\$24.15	\$3.44	16.60%
3,000	\$30.63	\$35.70	\$5.07	16.57%
3,458 *	\$35.17	\$41.00	\$5.83	16.57%
4,000	\$40.54	\$47.26	\$6.72	16.58%
5,000	\$50.45	\$58.82	\$8.37	16.59%
6,000	\$60.36	\$70.38	\$10.02	16.59%
7,000	\$70.27	\$81.93	\$11.66	16.60%
8,000	\$80.19	\$93.49	\$13.30	16.58%
9,000	\$90.10	\$105.05	\$14.95	16.59%
10,000	\$100.01	\$116.60	\$16.59	16.59%
11,000	\$109.92	\$128.16	\$18.24	16.59%
12,000	\$119.83	\$139.72	\$19.89	16.60%
13,000	\$129.75	\$151.27	\$21.52	16.59%
14,000	\$139.66	\$162.83	\$23.17	16.59%
15,000	\$149.57	\$174.39	\$24.82	16.59%
16,000	\$159.48	\$185.95	\$26.47	16.59%
17,000	\$169.39	\$197.50	\$28.11	16.60%
18,000	\$179.31	\$209.06	\$29.75	16.59%
19,000	\$189.22	\$220.62	\$31.40	16.59%
20,000	\$199.13	\$232.17	\$33.04	16.59%
25,000	\$253.85	\$295.98	\$42.13	16.60%
30,000	\$308.57	\$359.78	\$51.21	16.60%
35,000	\$363.29	\$423.59	\$60.30	16.60%
40,000	\$418.01	\$487.39	\$69.38	16.60%
45,000	\$472.73	\$551.20	\$78.47	16.60%
50,000	\$527.45	\$615.00	\$87.55	16.60%
60,000	\$622.01	\$725.26	\$103.25	16.60%
70,000	\$716.57	\$835.52	\$118.95	16.60%
80,000	\$811.13	\$945.78	\$134.65	16.60%
90,000	\$905.69	\$1,056.04	\$150.35	16.60%
100,000	\$1,000.25	\$1,166.30	\$166.05	16.60%
110,000	\$1,094.81	\$1,276.56	\$181.75	16.60%
120,000	\$1,189.37	\$1,386.82	\$197.45	16.60%
130,000	\$1,283.93	\$1,497.08	\$213.15	16.60%
140,000	\$1,378.49	\$1,607.34	\$228.85	16.60%
150,000	\$1,473.05	\$1,717.60	\$244.55	16.60%
160,000	\$1,567.61	\$1,827.86	\$260.25	16.60%
170,000	\$1,662.17	\$1,938.12	\$275.95	16.60%
180,000	\$1,756.73	\$2,048.38	\$291.65	16.60%

* Average monthly bill.

**EXHIBIT NO. 12-K -
REVENUE RATE APPLICATION FOR
WASTEWATER SSS OPERATIONS
EXCLUDING SADS BURY AND EXETER**

PENNSYLVANIA-AMERICAN WATER COMPANY
MECHANICSBURG, PENNSYLVANIA

WASTEWATER SSS OPERATIONS EXCLUDING SADBURY AND EXETER

APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania

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PENNSYLVANIA-AMERICAN WATER COMPANY

WASTEWATER SSS OPERATIONS EXCLUDING SADSBUURY AND EXETER APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019 AND PRO FORMA REVENUE UNDER PRESENT AND PROPOSED RATES AS OF DECEMBER 31, 2021, AND 2022

INTRODUCTION

Wastewater SSS Operations excluding Sadsbury and Exeter is organized into nine schedules. Schedules 1 and 2 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2022. Schedules 3 and 4 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2021. Schedules 5 and 6 summarize the application of present rates to the consumption analysis and the pro forma adjustments under present rates for the twelve months ended December 31, 2019, 2020 and 2021. Schedules 7 and 8 set forth the application of present and proposed rates to the detailed consumption analysis and billing determinants. Schedule 9 sets forth the comparison of customer bills under present and proposed rates, for all rate zones.

PRESENT RATE APPLICATION

Schedule 5 summarizes the pro forma revenues under present rates. Column 2 presents the revenues per books adjusted for the removal of DSIC and TJCA surcharge revenues. Column 3 presents the revenues from the application of base rates in effect

during the test year for each rate zone to the detailed consumption analysis for the twelve months ended December 31, 2019. The application of rates for the various rate zones and customer classifications is summarized in Schedule 6, from the application of present rates in Schedule 7. The adjustment factor in column 4 is calculated by dividing column 2 by column 3.

Column 5 of Schedule 5 is the result of applying the adjustment factor in column 4 to the revenues in column 3. The application of present base rates to the pro forma historic and future test years adjustments of number of bills and consumption is presented in Schedule 8, summarized in Schedule 6, and brought forward to column 6 of Schedule 3. Column 7 shows the amount of DSIC revenue annualized for the test year and column 8 shows the amount of TCJA surcharge annualized for the test year. Columns 7 and 8 are added to columns 5 and 6 to arrive at the total pro forma revenues under present rates in column 9.

2021 RATE APPLICATION

Schedule 3 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2021 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 3 sets forth the pro forma revenues under present rates brought forward from column 9 of Schedule 5. Column 3 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 7 and summarized in Schedule 4. The adjustment factor is applied to the revenues in column 3 to determine the proposed revenues in column 5. Column 6 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8, and summarized in Schedule 4. Column 7 is the sum of columns 5 and 6 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 8 by subtracting the pro forma

revenues under present rates in column 2 from the pro forma revenues under proposed rates in column 7. The percent increase is shown in column 9.

2022 RATE APPLICATION

Schedule 1 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2022 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 8 of Schedule 3. Column 3 adjusts these revenues for 2022 revenue adjustments under 2021 rates and when added to column 2 develops the 2022 pro forma revenues under 2021 rates in column 4. Column 5 is the result of applying proposed rates to the detailed consumption analysis, presented in Schedule 7 and summarized in Schedule 2. The adjustment factor is applied to the revenues in column 6 to determine the proposed revenues in column 7. Column 8 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8, and summarized in Schedule 2. Column 9 is the sum of columns 7 and 8 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 10 by subtracting the pro forma revenues under present rates in column 4 from the pro forma revenues under proposed rates in column 9. The percent increase is shown in column 11.

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES

Schedule 9 presents a comparison of customers' bills under present and 2021 rates and a comparison of customers' bills under 2021 rates and 2022 rates at various consumption levels for each rate zone for the residential classification. For the purposes of this comparison for Rate Zones 1, 2, 4 and 5, the bills under present rates include the DSIC surcharge at 5.00% and a TCJA surcharge of -6.79%.

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUARY AND EXETER
 SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021 AND 2022
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER 2022 RATES

Customer Classification (1)	Pro Forma Revenue, 2021 Rates (Schedule 3) (2)	Pro Forma Adjustments 2021 Rates (Schedule 4) (3)	Pro Forma Revenue, 2021 Rates As of 2022 (4)	Bill Analysis Revenue, 2022 Rates (Schedule 2) (5)	Adjustment Factor (Sch 5, col.4) (6)	Revenue Under Proposed Rates (7)=(5)X(6)	Pro Forma Adjustments Proposed Rates (Schedule 2) (8)	Total Pro Forma Revenue Under Proposed Rates (9)=(7)+(8)	2022 Increase (10)=(9)-(4)	Percent Increase (11)
Residential	\$ 17,879,377	\$ (48,529)	\$ 17,830,848	\$ 19,550,773	1.000422	\$ 19,559,032	\$ (325,294)	\$ 19,233,738	\$ 1,402,890	7.9%
Commercial	4,207,488	(39,033)	4,168,455	4,617,073	0.999703	4,615,700	(91,152)	4,524,548	356,092	8.5%
Industrial	222,765	-	222,765	245,188	0.999815	245,143	-	245,143	22,378	10.9%
Municipal	913,553	-	913,553	984,326	1.001363	985,667	331	985,998	72,445	7.9%
Total Non-Residential	5,343,806	(39,033)	5,304,773	5,846,587		5,846,510	(90,821)	5,755,689	450,916	8.5%
Large Industrial	527,674	-	527,674	578,775	0.999815	578,668	-	578,668	50,995	9.7%
VA Hospital	499,361	-	499,361	517,323	1.001363	518,028	-	518,028	18,667	3.7%
Bulk Sales - Coatesville	4,982,029	-	4,982,029	5,485,748	1.001784	5,495,534	(326,461)	5,169,073	187,044	3.8%
Total Metered Sales	29,232,247	(87,562)	29,144,685	31,979,207		31,997,773	(742,576)	31,255,197	2,110,512	
UNMETERED SALES - ACQUISITION										
Residential	32,818		32,818	35,044	1.000000	35,044		35,044	2,226	6.8%
Subtotal Unmetered Sales	32,818		32,818	35,044		35,044		35,044	2,226	
Total Sales	29,265,065	(87,562)	29,177,503	32,014,251		32,032,817	(742,576)	31,290,241	2,112,738	
IPP Industrial Surcharge	146,388		146,388	146,388		146,388		146,388	-	0.0%
Other Operating Revenues	1,373,558	(546)	1,373,012	1,373,012		1,373,012	20,098	1,393,110	20,098	1.5%
Total	\$ 30,785,011	\$ (88,108)	\$ 30,696,903	\$ 33,533,651		\$ 33,552,217	\$ (722,478)	\$ 32,829,739	\$ 2,132,836	6.9%

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUARY AND EXETER

SUMMARY OF APPLICATION OF 2022 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2022

Wastewater Area (1)	Sch. Ref. (2)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Large Industrial (6)	Bulk Users (7)	Total (8)
<u>Proposed Metered Rate Application</u>								
Zone 1		\$ 16,999,116	\$ 4,169,248	\$ 67,144	\$ 926,389	\$ 578,775	\$ 6,003,071	\$ 28,743,744
Zone 2 - New Cumberland		1,969,573	370,030		24,515			2,364,117
Zone 4 - Koppel		251,522	11,579	178,044	12,407			453,552
Zone 5 - Franklin		240,199	28,580		20,750			289,529
Zone 8 - Turbotville		90,364	37,636		265			128,265
Total Metered Sales		<u>19,550,773</u>	<u>4,617,073</u>	<u>245,188</u>	<u>984,326</u>	<u>578,775</u>	<u>6,003,071</u>	<u>31,979,207</u>
<u>Proposed Unmetered Rate Application</u>								
Delaware Valley Sewer		35,044	-	-	-	-	-	-
Total Proposed Rate Application		<u>19,585,817</u>	<u>4,617,073</u>	<u>245,188</u>	<u>984,326</u>	<u>578,775</u>	<u>6,003,071</u>	<u>31,979,207</u>
<u>Proforma Adjustments</u>								
Zone 1		(452,360)	(126,105)	-	-	-	(326,461)	(904,926)
Zone 8 - Turbotville		127,066	34,953		331			162,349
Total Pro Forma Adjustments		<u>(325,294)</u>	<u>(91,152)</u>	<u>-</u>	<u>331</u>	<u>-</u>	<u>(326,461)</u>	<u>(742,576)</u>
Total 2022 Pro Forma Revenues		<u>19,225,479</u>	<u>4,525,921</u>	<u>245,188</u>	<u>984,657</u>	<u>578,775</u>	<u>5,676,610</u>	<u>31,236,630</u>

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSURY AND EXETER

SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021 AND THE CALCULATION OF THE REVENUE INCREASE UNDER PROPOSED RATES

Customer Classification (1)	Pro Forma Revenue, Present Rates (Schedule 5) (2)	Bill Analysis Revenue, 2021 Rates (Schedule 4) (3)	Adjustment Factor (Sch 5, col 4) (4)	Revenue 2021 Rates (5)=(4)X(3)	2020-2021 Pro Forma Adjustments Proposed Rates (Schedule 4) (6)		Total Pro Forma Revenue 2021 Rates (7)=(6)+(5)	2021 Increase (8)=(7)-(2)	Percent Increase (9)
					Proposed Rates (Schedule 4) (6)	Total Pro Forma Revenue 2021 Rates (7)=(6)+(5)			
Residential	\$ 15,159,182	\$ 18,132,212	1.000422	\$ 18,139,872	\$ (260,495)	\$ 17,879,377	\$ 2,720,196	17.9%	
Commercial	3,614,160	4,254,565	0.999703	4,253,300	(45,811)	4,207,488	593,328	16.4%	
Industrial	194,852	222,806	0.999815	222,765	-	222,765	27,913	14.3%	
Municipal	787,605	912,005	1.001363	913,248	305	913,553	125,948	16.0%	
Total Non-Residential	4,596,617	5,389,376		5,389,313	(45,507)	5,343,806	747,189		
Large Industrial	516,257	527,771	0.999815	527,674	-	527,674	11,417	2.2%	
VA Hospital	483,534	498,681	1.001363	499,361		499,361	15,826		
Bulk Sales - Coatesville	4,822,361	5,287,233	1.001784	5,296,665	(314,636)	4,982,029	159,668	3.3%	
Total Metered Sales	25,577,951	29,835,274		29,852,884	(620,638)	29,232,247	3,654,296		
<u>UNMETERED SALES - ACQUISITION</u>									
Residential	43,557	32,818	1.000000	32,818		32,818	(10,739)	-24.7%	
Subtotal Unmetered Sales	43,557	32,818		32,818	-	32,818	(10,739)	-24.7%	
Total Sales	25,621,508	29,868,092		29,885,702	(620,638)	29,265,065	3,643,557		
IPP Industrial Surcharge	146,388	146,388		146,388		146,388	\$ -	0.0%	
Other Operating Revenues	826,409	826,409		826,409	547,149	1,373,558	\$ 547,149	66.2%	
Total	\$ 26,594,305	\$ 30,840,889		\$ 30,858,499	\$ (73,489)	\$ 30,785,011	\$ 4,190,706	15.8%	

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURO AND EXETER
 SUMMARY OF APPLICATION OF 2021 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Sch. Ref.	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Large Industrial (6)	Bulk Users (7)	Total (8)
<u>Proposed Metered Rate Application</u>								
Zone 1		\$ 15,912,766	\$ 3,865,838	\$ 62,632	\$ 860,184	\$ 527,771	\$ 5,785,914	\$ 27,015,105
Zone 2 - New Cumberland		1,674,584	316,468		20,696			2,011,748
Zone 4 - Koppel		235,348	10,691	160,174	11,449			417,662
Zone 5 - Franklin		224,947	26,765		19,432			271,144
Zone 8 - Turbotville		84,568	34,803		244			119,615
Total Metered Sales		18,132,212	4,254,565	222,806	912,005	527,771	5,785,914	29,835,274
<u>Proposed Unmetered Rate Application</u>								
Delaware Valley Sewer		32,818	-	-	-	-	-	-
Total Proposed Rate Application		18,165,030	4,254,565	222,806	912,005	527,771	5,785,914	29,835,274
<u>2021 Proforma Adjustments</u>								
Zone 1		(379,415)	(78,065)	-	-	-	(314,636)	(772,116)
Zone 8 - Turbotville		118,920	32,254		305			151,478
Total Pro Forma Adjustments		(260,495)	(45,811)	-	305	-	(314,636)	(620,638)
Total 2021 Pro Forma Revenue		17,871,718	4,208,754	222,806	912,310	527,771	5,471,278	29,214,636
<u>2022 Proforma Adjustments Under 2021 Rates</u>								
Zone 1		(48,529)	(39,033)	-	-	-	-	(87,562)
Zone 8 - Turbotville		-	-	-	-	-	-	-
Total Pro Forma Adjustments		(48,529)	(39,033)	-	-	-	-	(87,562)
Total 2021 Pro Forma Revenue		17,823,188	4,169,721	222,806	912,310	527,771	5,471,278	29,127,074

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSURY AND EXETER

SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification (1)	Adjusted Revenue, Per Books Present Rates 12/31/2019 (a) (2)	Bill Analysis Revenue, Present Rates (Schedule 6) (3)	Adjustment Factor (4)=(2)/(3)	Revenue Under Present Rates (5)=(4)X(3)	Pro Forma Adjustments Present Rates (Schedule 6) (6)	Add Back Annualized DSIC Revenue (7)	Include TCJA Surcharge (8)	Total Present Rate Revenue (9)=(5)+(6)+(7)
<u>METERED SALES</u>								
Residential	15,888,659	\$ 15,881,950	1.00042245	\$ 15,888,659	\$ (237,015)	\$ 723,392	\$ (1,215,854)	\$ 15,159,182
Commercial	3,774,193	3,775,315	0.99970263	3,774,193	(43,975)	171,182	(287,239)	3,614,160
Industrial	198,935	198,971	0.99981527	198,935	-	11,189	(15,271)	194,852
Municipal	812,707	811,601	1.00136280	812,707	237	37,520	(62,860)	787,605
Total Non-Residential	4,785,834	4,785,887		4,785,834	(43,738)	219,891	(365,370)	4,596,617
Large Industrial	527,074	527,171	0.99981527	527,074	-	29,644	(40,461)	516,257
VA Hospital	499,060	498,381	1.00136280	499,060	-	22,990	(38,516)	483,534
Bulk Sales	5,296,965	5,287,533	1.00178391	5,296,965	(314,561)	244,615	(404,659)	4,822,361
Total Metered Sales	26,997,593	26,980,922		26,997,593	(595,314)	1,240,532	(2,064,860)	25,577,951
<u>UNMETERED SALES</u>								
Residential	43,557	43,557	1.00000000	43,557	-	-	-	43,557
Subtotal Unmetered Sales	43,557	43,557		43,557	-	-	-	43,557
Total Sales	27,041,150	27,024,479	1.000061686	27,041,150	(595,314)	1,240,532	(2,064,860)	25,621,508
IPP Industrial Surcharge	146,388	146,388		146,388	-	-	-	146,388
Other Operating Revenues	852,555	852,555		852,555	(26,146)	-	-	826,409
Total	\$ 28,040,093	\$ 28,023,422		\$ 28,040,093	\$ (621,460)	\$ 1,240,532	\$ (2,064,860)	\$ 26,594,305

(a) Excludes TCJA, DSIC and Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUARY AND EXETER

SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Sch. Ref.	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Large Industrial (6)	Bulk Users/VA (7)	Total (8)
<u>Present Rate Application</u>								
Zone 1		\$ 13,905,742	\$ 3,457,830	\$ 54,873	\$ 767,173	\$ 527,171	\$ 5,784,639	\$ 24,497,428
Zone 2 - New Cumberland		1,492,880	251,462		14,494			1,758,837
Zone 4 - Koppel		190,481	9,618	144,098	9,465			353,662
Zone 5 - Franklin		231,800	27,929		20,277			280,006
Zone 8 - Turbotville		61,046	28,476		192			89,714
Total		15,881,950	3,775,315	198,971	811,601	527,171	5,784,639	26,979,647
<u>Present Unmetered Rate Application</u>								
Delaware Valley Sewer		43,557	-	-	-	-	-	-
Total Present Rate Application		15,925,507	3,775,315	198,971	811,601	527,171	5,784,639	26,979,647
<u>Proforma Adjustments</u>								
Zone 1		(322,866)	(69,664)	-	-	-	(314,561)	(707,091)
Zone 8 - Turbotville		85,851	25,689	-	237	-	-	111,777
Total Adjustments		(237,015)	(43,975)	-	237	-	(314,561)	(595,314)

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUURY AND EXETER
RATE ZONE 1

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (8)	Proposed 2022 Revenue (9)
<u>Residential - Monthly</u>								
Customer Charge	225,062	-	\$ 10.00	\$ 2,250,616	\$ 11.00	\$ 2,475,678	\$ 12.00	\$ 2,700,739
Low Income	11,923	-	8.00	95,384	7.70	91,807	8.40	100,153
Subtotal	236,985	-		2,346,000		2,567,485		2,800,892
All Usage	-	6,819,740	1.5132	10,319,631	1.7631	12,023,884	1.8754	12,789,741
Low Income	-	494,097	1.2106	598,134	1.2342	609,814	1.3128	648,650
Subtotal	-	7,313,837		10,917,765		12,633,698		13,438,391
Total	236,985	7,313,837		13,263,765		15,201,183		16,239,283
Unmetered Sales	9,887	-	64.93	641,977	71.97	711,583	76.85	759,833
Total Residential	246,872	7,313,837		\$ 13,905,742		\$ 15,912,766		\$ 16,999,116
<u>Commercial - Monthly</u>								
Customer Charge	16,618	-	\$ 25.00	415,455	\$ 27.50	457,000	\$ 30.00	498,546
All Usage	-	2,592,288	1.1601	3,007,313	1.3000	3,369,974	1.4000	3,629,203
Subtotal	-	2,592,288		3,007,313		3,369,974		3,629,203
Total	16,618	2,592,288		3,422,768		3,826,974		4,127,749
Unmetered Sales	540	-	64.93	35,062	71.97	38,864	76.85	41,499
Total Commercial	17,158	2,592,288		\$ 3,457,830		\$ 3,865,838		\$ 4,169,248

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUURY AND EXETER
RATE ZONE 1

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (8)	Proposed 2022 Revenue (9)
<u>Industrial - Knouse Foods - Monthly</u>								
Knouse Foods	12	-	4,572.75	54,873	5,219.33	62,632	5,595.37	67,144
Total	12	-		54,873		62,632		67,144
<u>Large Industrial Special Rate - Mittal and Victory Brewing - Monthly</u>								
Customer Charge	24	-	250.00	6,000	275.00	6,600	300.00	7,200
All Usage Subtotal	-	560,050	0.9300	520,847	0.9300	520,847	1.0200	571,251
Total	24	560,050		526,847		527,447		578,451
Sampling and IPP charges				324		324		324
Total - Large Industrial	24	560,050		527,171		527,771		578,775
Total Industrial	36	560,050		582,044		590,403		645,919
<u>Public - Monthly</u>								
Customer Charge	690	-	\$ 25.00	\$ 17,250	\$ 27.50	\$ 18,975	\$ 30.00	\$ 20,700
All Usage Subtotal	-	611,225	1.1601	709,082	1.3000	794,593	1.4000	855,715
Total	690	611,225		726,332		813,568		876,415
Strattanville Borough	12	-	3,403.40	40,841	3,884.64	46,616	4,164.52	49,974

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUURY AND EXETER
RATE ZONE 1

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (8)	Proposed 2022 Revenue (9)
Total Public	702	611,225		\$ 767,173		\$ 860,184		\$ 926,389
VA Hospital - Monthly								
Customer Charge	12	-	\$ 250.00	\$ 3,000	\$ 275.00	\$ 3,300	\$ 300.00	\$ 3,600
All Usage Subtotal	- -	508,080 508,080	0.9639	489,738 489,738	0.9639	489,738 489,738	1.0000	508,080 508,080
Total	12	508,080		492,738		493,038		511,680
Sampling Charges				5,643		5,643		5,643
Total VA Hospital	12	508,080		\$ 498,381		\$ 498,681		\$ 517,323
Bulk Users								
Customer Charge	39	-	\$ 250.00	\$ 9,750	\$ 275.00	\$ 10,725	\$ 300.00	\$ 11,700
All Usage Subtotal	- -	5,472,024 5,472,024	0.9639	5,274,484 5,274,484	0.9639	5,274,484 5,274,484	1.0000	5,472,024 5,472,024
Total	39	5,472,024		5,284,234		5,285,209		5,483,724
Sampling Charges				2,024		2,024		2,024
Total Bulk Users	39	5,472,024		\$ 5,286,258		\$ 5,287,233		\$ 5,485,748
Total System	264,819	17,057,503		\$ 24,497,428		\$ 27,015,105		\$ 28,743,744

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUURY AND EXETER
 ZONE 2 - NEW CUMBERLAND WASTEWATER OPERATIONS
 APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (8)	Proposed 2022 Revenue (9)
<u>Residential - Monthly</u>								
Customer Charge	33,079	-	\$ 28.62	946,723	\$ 11.00	363,870	\$ 12.00	396,949
Low Income	277	-	22.90	6,342	7.70	2,133	8.40	2,327
Subtotal	33,356	-		953,065		366,003		399,276
First 2,100	-	598,120	-	-	1.2300	735,688	1.4760	882,825
Next 900	-	155,523	1.3463	209,381	1.2300	191,294	1.4760	229,553
Next 3,000	-	215,296	1.1457	246,664	1.2300	264,814	1.4760	317,777
Next 16,300	-	70,591	0.9170	64,732	1.2300	86,827	1.4760	104,192
Next 52,300	-	12,936	0.6894	8,918	1.2300	15,912	1.4760	19,094
Over 74,600	-	7,741	0.5762	4,460	1.2300	9,521	1.4760	11,426
Low Income	-	5,256	1.0770	5,660	0.8610	4,525	1.0332	5,430
Subtotal	-	1,060,208		539,815		1,308,581		1,570,297
Total Residential	33,356	1,060,208		1,492,880		1,674,584		1,969,573
<u>Commercial - Monthly</u>								
Customer Charge	3,244	-	28.62	92,845	27.50	89,211	30.00	97,322
First 2,100	-	56,923	-	-	1.0400	59,200	1.2480	71,040
Next 900	-	19,259	1.3463	25,928	1.0400	20,029	1.2480	24,035
Next 3,000	-	43,422	1.1457	49,749	1.0400	45,159	1.2480	54,191
Next 16,300	-	67,888	0.9170	62,253	1.0400	70,604	1.2480	84,724
Next 52,300	-	24,833	0.6894	17,120	1.0400	25,826	1.2480	30,992
Over 74,600	-	6,191	0.5762	3,567	1.0400	6,439	1.2480	7,726
Subtotal	-	218,516		158,617		227,257		272,708
Total Commercial	3,244	218,516		251,462		316,468		370,030

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUARY AND EXETER
 ZONE 2 - NEW CUMBERLAND WASTEWATER OPERATIONS
 APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (8)	Proposed 2022 Revenue (9)
<u>Public - Monthly</u>								
Customer Charge	107		28.62	3,058	27.50	2,938	30.00	3,206
First 2,100	-	3,195	-	-	1.0400	3,323	1.2480	3,987
Next 900	-	600	1.3463	808	1.0400	624	1.2480	749
Next 3,000	-	1,520	1.1457	1,741	1.0400	1,581	1.2480	1,897
Next 16,300	-	4,133	0.9170	3,790	1.0400	4,298	1.2480	5,158
Next 52,300	-	6,210	0.6894	4,281	1.0400	6,458	1.2480	7,750
Over 74,600	-	1,417	0.5762	816	1.0400	1,474	1.2480	1,768
Subtotal	-	17,075		11,436		17,758		21,309
Total Public	107	17,075		14,494		20,696		24,515
Total Zone	36,707	1,295,799		1,758,837		2,011,748		2,364,117

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUARY AND EXETER
ZONE 4 - KOPPEL WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Customer Charge	3,831	-	\$ 30.00	\$ 114,944	-	\$ 11.00	\$ 42,146	\$ 12.00	\$ 45,977
Low Income	177	-	24.00	4,248	-	7.70	1,363	8.40	1,487
Subtotal	4,008	-		119,192	-		43,509		47,464
All Usage	-	102,731	0.6500	66,775	102,731	1.7631	181,126	1.8754	192,663
Low Income	-	8,680	0.5200	4,514	8,680	1.2342	10,713	1.3128	11,395
Subtotal	-	111,411		71,289	111,411		191,839		204,058
Total Residential	4,008	111,411		\$ 190,481	111,411		\$ 235,348		\$ 251,522
<u>Commercial - Monthly</u>									
Customer Charge - 5/8 "	169	-	25.00	4,226	-	27.50	4,649	30.00	5,072
All Usage	-	4,648	1.1601	5,392	4,648	1.3000	6,042	1.4000	6,507
Subtotal	-	4,648		5,392	4,648		6,042		6,507
Total Commercial	169	4,648		\$ 9,618	4,648		\$ 10,691		\$ 11,579
<u>Industrial - Monthly</u>									
Koppel Steel Fixed Charge	12	-	9,755.60	117,067	-	10,843.95	130,127	12,053.72	144,645
PSC Metals Fixed Charge	12	-	628.70	7,544	-	698.84	8,386	776.80	9,322
PSSM Fixed Charge	12	-	1,623.90	19,487	-	1,805.06	21,661	2,006.44	24,077
Total - Industrial	36	-		\$ 144,098	-		\$ 160,174		\$ 178,044

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUARY AND EXETER
ZONE 4 - KOPPEL WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Public - Monthly</u>									
Customer Charge	43		25.00	1,076	-	27.50	1,184	30.00	1,291
Customer Charge (Big Beaver)	81		25.00	2,025	-	27.50	2,228	30.00	2,430
Subtotal	124	-		3,101	-		3,412		3,721
All Usage		1,899	1.1601	2,202	1,899	1.3000	2,468	1.4000	2,658
All Usage (Big Beaver)		120	1.1601	139	120	1.3000	156	1.4000	168
Subtotal	-	2,019		2,341	2,019		2,624		2,826
Total	124	2,019		\$ 5,442	2,019		\$ 6,036		\$ 6,547
<u>Public - Quarterly, Change to Monthly</u>									
Customer Charge (Big Beaver)	27		90.00	2,430	-	82.50	2,228	90.00	2,430
All Usage (Big Beaver)		2,450	0.6500	1,593	2,450	1.3000	3,185	1.4000	3,430
Subtotal	-	2,450		1,593	2,450		3,185		3,430
Total Big Beaver	27	2,450		4,023	2,450		5,413		5,860
Total Public	151	4,469		9,465	4,469		11,449		12,407
Total System	4,365	120,528		\$ 353,662	120,528		\$ 417,662		\$ 453,552

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUARY AND EXETER
ZONE 5 - FRANKLIN WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (8)	Proposed 2022 Revenue (9)
<u>Residential - Monthly</u>								
Unmetered Sales	2,961	-	\$ 75.10	\$ 222,394	\$ 71.97	\$ 213,125	\$ 76.85	\$ 227,576
Low Income	20	-	60.08	1,202	50.38	1,008	53.80	1,076
Unmetered Sales - Sand Mound	150	-	54.60	8,204	71.97	10,814	76.85	11,547
Total Residential	3,132	-		231,800		224,947		240,199
<u>Commercial - Monthly</u>								
Unmetered Sales	372	-	75.10	27,929	71.97	26,765	76.85	28,580
Total Commercial	372	-		27,929		26,765		28,580
<u>Public - Monthly</u>								
Unmetered Sales	270	-	75.10	20,277	71.97	19,432	76.85	20,750
Total	270	-		20,277		19,432		20,750
Total System	3,773	-		\$ 280,006		\$ 271,144		\$ 289,529

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUARY AND EXETER
ZONE 8 - TURBOTVILLE WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Customer Charge	1,369	-	\$ 7.50	\$ 10,266	-	\$ 11.00	\$ 15,057	\$ 12.00	\$ 16,426
All Usage		39,425	1.2880	50,780	39,425	1.7631	69,511	1.8754	73,938
Low Income Subtotal	-	39,425	1.0304	-	-	1.2342	-	1.3128	-
				50,780	39,425		69,511		73,938
Total Residential	1,369	39,425		\$ 61,046	39,425		\$ 84,568		\$ 90,364
<u>Commercial - Monthly</u>									
Customer Charge - 5/8 "	406		20.00	8,110	-	27.50	11,151	30.00	12,165
All Usage		18,194	1.1194	20,366	18,194	1.3000	23,652	1.4000	25,471
Subtotal	-	18,194		20,366	18,194		23,652		25,471
Total Commercial	406	18,194		\$ 28,476	18,194		\$ 34,803		\$ 37,636
<u>Public - Monthly</u>									
Customer Charge	5		20.00	100	-	27.50	138	30.00	150
All Usage		82	1.1194	92	82	1.3000	107	1.4000	115
Subtotal	-	82		92	82		107		115
Total	5	82		\$ 192	82		\$ 244		\$ 265
Total System	1,779	57,701		\$ 89,714	57,701		\$ 119,615		\$ 128,265

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUARY AND EXETER
ZONE 8 - TURBOTVILLE WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Customer Charge	1,910	-	\$ 7.50	\$ 14,324	-	\$ 11.00	\$ 21,008	\$ 12.00	\$ 22,918
All Usage Low Income Subtotal	-	55,534	1.2880 1.0304	71,527	55,534	1.7631 1.2342	97,912	1.8754 1.3128	104,148
Total Residential	1,910	55,534		\$ 85,851	55,534		\$ 118,920		\$ 127,066
<u>Commercial - Monthly</u>									
Customer Charge - 5/8 "	567		20.00	11,330	-	27.50	15,579	30.00	16,995
All Usage Subtotal	-	12,827	1.1194	14,359	12,827	1.3000	16,675	1.4000	17,958
Total Commercial	567	12,827		\$ 25,689	12,827		\$ 32,254		\$ 34,953
<u>Public - Monthly</u>									
Customer Charge	7		20.00	140	-	27.50	193	30.00	210
All Usage Subtotal	-	86	1.1194	97	86	1.3000	112	1.4000	121
Total	7	86		\$ 237	86		\$ 305		\$ 331
Total System	2,483	68,447		\$ 111,777	68,447		\$ 151,478		\$ 162,349

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUURY AND EXETER
RATE ZONE 1

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019-2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021		2022	
					Proposed Rate (6)	Proposed Revenue (7)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>								
Customer Charge	4,956	-	\$ 10.00	\$ 49,560	\$ 11.00	\$ 54,516	\$ 12.00	\$ 59,472
Low Income	-	-	8.00	-	7.70	-	8.40	-
All Usage	-	(246,118)	1.5132	(372,426)	1.7631	(433,931)	1.8754	(461,570)
Low Income	-	-	1.2106	-	1.2342	-	1.3128	-
Subtotal	-	(246,118)		(372,426)		(433,931)		(461,570)
Total	4,956	(246,118)		(322,866)		(379,415)		(402,098)
Unmetered Sales	-	-	64.93	-	71.97	-	76.85	-
Total Residential	4,956	(246,118)		(322,866)		(379,415)		(402,098)
<u>Commercial - Monthly</u>								
Customer Charge	-	-	\$ 25.00	-	\$ 27.50	-	\$ 30.00	-
All Usage	-	(60,050)	1.1601	(69,664)	1.3000	(78,065)	1.4000	(84,070)
Subtotal	-	(60,050)		(69,664)		(78,065)		(84,070)
Total	-	(60,050)		(69,664)		(78,065)		(84,070)
Unmetered Sales	-	-	64.93	-	71.97	-	76.85	-
Total Commercial	-	(60,050)		(69,664)		(78,065)		(84,070)

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUURY AND EXETER
RATE ZONE 1

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019-2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	2021 Proposed Rate	2021 Proposed Revenue	2022 Proposed Rate	2022 Proposed Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(6)	(7)

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUARY AND EXETER
RATE ZONE 1

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019-2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Proposed Rate (6)	2021 Proposed Revenue (7)	2022 Proposed Rate (6)	2022 Proposed Revenue (7)
<u>Bulk Users</u>								
Customer Charge	(3)	-	\$ 250.00	\$ (750)	\$ 275.00	\$ (825)	\$ 300.00	\$ (900)
All Usage	-	(325,480)	0.9639	(313,730)	0.9639	(313,730)	1.0000	(325,480)
Subtotal	-	(325,480)		(313,730)		(313,730)		(325,480)
Total	(3)	(325,480)		(314,480)		(314,555)		(326,380)
Sampling Charges				(81)		(81)		(81)
Total Bulk Users	(3)	(325,480)		(314,561)		(314,636)		(326,461)
Total System	4,953	(631,648)		(707,091)		(772,116)		(812,629)

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUURY AND EXETER
RATE ZONE 1

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2022

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021		2022	
					Proposed Rate (6)	Proposed Revenue (7)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>								
Customer Charge	4,536	-	\$ 10.00	\$ 45,360	\$ 11.00	\$ 49,896	\$ 12.00	\$ 54,432
Low Income	-	-	8.00	-	7.70	-	8.40	-
All Usage	-	(55,825)	1.5132	(84,474)	1.7631	(98,425)	1.8754	(104,694)
Low Income	-	-	1.2106	-	1.2342	-	1.3128	-
Subtotal	-	(55,825)		(84,474)		(98,425)		(104,694)
Total	4,536	(55,825)		(39,114)		(48,529)		(50,262)
Unmetered Sales	-	-	64.93	-	71.97	-	76.85	-
Total Residential	4,536	(55,825)		(39,114)		(48,529)		(50,262)
<u>Commercial - Monthly</u>								
Customer Charge	-	-	\$ 25.00	-	\$ 27.50	-	\$ 30.00	-
All Usage	-	(30,025)	1.1601	(34,832)	1.3000	(39,033)	1.4000	(42,035)
Subtotal	-	(30,025)		(34,832)		(39,033)		(42,035)
Total	-	(30,025)		(34,832)		(39,033)		(42,035)
Unmetered Sales	-	-	64.93	-	71.97	-	76.85	-
Total Commercial	-	(30,025)		(34,832)		(39,033)		(42,035)
Total System	4,536	(85,850)		(73,946)		(87,562)		(92,297)

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUARY AND EXETER
 ZONE 8 - TURBOTVILLE WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Customer Charge	1,910	-	\$ 7.50	\$ 14,324	-	\$ 11.00	\$ 21,008	\$ 12.00	\$ 22,918
All Usage Low Income Subtotal	-	55,534	1.2880 1.0304	71,527	55,534	1.7631 1.2342	97,912	1.8754 1.3128	104,148
Total Residential	1,910	55,534		\$ 85,851	55,534		\$ 118,920		\$ 127,066
<u>Commercial - Monthly</u>									
Customer Charge - 5/8 "	567		20.00	11,330	-	27.50	15,579	30.00	16,995
All Usage Subtotal	-	12,827	1.1194	14,359	12,827	1.3000	16,675	1.4000	17,958
Total Commercial	567	12,827		\$ 25,689	12,827		\$ 32,254		\$ 34,953
<u>Public - Monthly</u>									
Customer Charge	7		20.00	140	-	27.50	193	30.00	210
All Usage Subtotal	-	86	1.1194	97	86	1.3000	112	1.4000	121
Total	7	86		\$ 237	86		\$ 305		\$ 331
Total System	2,483	68,447		\$ 111,777	68,447		\$ 151,478		\$ 162,349

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBUURY AND EXETER
DELAWARE SEWER COMPANY ACQUISITION

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present		Proposed 2021		Proposed 2021		Proposed 2022	
			Rate (4)	Revenue (5)	Rate (6)	Revenue (7)	Rate (8)	Revenue (9)		
<u>Residential - Monthly</u>										
Unmetered Sales	456	-	\$ 95.52	43,557	\$ 71.97	32,818	\$ 76.85	35,044		
Total Residential	456	-		43,557		32,818		35,044		
Total System	456	-		\$ 43,557		\$ 32,818		\$ 35,044		

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 1

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$9.69	\$11.00	\$1.31	13.50%
1,000	\$24.36	\$28.63	\$4.27	17.52%
2,000	\$39.03	\$46.26	\$7.23	18.52%
3,000	\$53.70	\$63.89	\$10.19	18.97%
3,458 *	\$60.42	\$71.97	\$11.54	19.11%
4,000	\$68.36	\$81.52	\$13.16	19.25%
5,000	\$83.03	\$99.16	\$16.12	19.41%
6,000	\$97.70	\$116.79	\$19.08	19.53%
7,000	\$112.38	\$134.42	\$22.04	19.61%
8,000	\$127.04	\$152.05	\$25.01	19.69%
9,000	\$141.71	\$169.68	\$27.97	19.74%
10,000	\$156.38	\$187.31	\$30.93	19.78%
11,000	\$171.05	\$204.94	\$33.89	19.82%
12,000	\$185.72	\$222.57	\$36.85	19.84%
13,000	\$200.38	\$240.20	\$39.83	19.88%
14,000	\$215.05	\$257.83	\$42.79	19.90%
15,000	\$229.72	\$275.47	\$45.75	19.91%
16,000	\$244.39	\$293.10	\$48.71	19.93%
17,000	\$259.06	\$310.73	\$51.67	19.94%
18,000	\$273.72	\$328.36	\$54.64	19.96%
19,000	\$288.39	\$345.99	\$57.60	19.97%
20,000	\$303.06	\$363.62	\$60.56	19.98%
25,000	\$376.40	\$451.78	\$75.37	20.02%
30,000	\$449.75	\$539.93	\$90.18	20.05%
35,000	\$523.09	\$628.09	\$105.00	20.07%
40,000	\$596.43	\$716.24	\$119.81	20.09%
45,000	\$669.77	\$804.40	\$134.62	20.10%
50,000	\$743.12	\$892.55	\$149.43	20.11%

* Average monthly bill.

** Present Bill includes 5.0% DSIC and -7.68% TCJA

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 2 - NEW CUMBERLAND

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$27.74	\$11.00	-\$16.74	-60.35%
1,000	\$27.74	\$23.30	-\$4.44	-16.01%
2,000	\$27.74	\$35.60	\$7.86	28.33%
3,000	\$39.49	\$47.90	\$8.41	21.31%
3,458 *	\$44.58	\$53.53	\$8.96	20.09%
4,000	\$50.59	\$60.20	\$9.61	18.99%
5,000	\$61.70	\$72.50	\$10.80	17.51%
6,000	\$72.80	\$84.80	\$12.00	16.48%
7,000	\$81.70	\$97.10	\$15.40	18.85%
8,000	\$90.58	\$109.40	\$18.82	20.78%
9,000	\$99.47	\$121.70	\$22.23	22.34%
10,000	\$108.36	\$134.00	\$25.64	23.66%
11,000	\$117.25	\$146.30	\$29.05	24.77%
12,000	\$126.14	\$158.60	\$32.46	25.73%
13,000	\$135.03	\$170.90	\$35.87	26.57%
14,000	\$143.92	\$183.20	\$39.28	27.29%
15,000	\$152.80	\$195.50	\$42.70	27.94%
16,000	\$161.70	\$207.80	\$46.10	28.51%
17,000	\$170.58	\$220.10	\$49.52	29.03%
18,000	\$179.47	\$232.40	\$52.93	29.49%
19,000	\$188.37	\$244.70	\$56.33	29.91%
20,000	\$197.25	\$257.00	\$59.75	30.29%
25,000	\$235.74	\$318.50	\$82.76	35.11%
30,000	\$269.16	\$380.00	\$110.84	41.18%
35,000	\$302.57	\$441.50	\$138.93	45.92%
40,000	\$335.98	\$503.00	\$167.02	49.71%
45,000	\$369.39	\$564.50	\$195.11	52.82%
50,000	\$402.81	\$626.00	\$223.19	55.41%

* Average monthly bill.

** Present Bill includes -7.68% TCJA and 5.00% DSIC.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 4 - KOPPEL

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$29.09	\$11.00	-\$18.09	-62.18%
1,000	\$35.39	\$28.63	-\$6.75	-19.09%
2,000	\$41.69	\$46.26	\$4.58	10.98%
3,000	\$47.99	\$63.89	\$15.91	33.15%
3,458 *	\$50.87	\$71.97	\$21.10	41.48%
4,000	\$54.29	\$81.52	\$27.24	50.18%
5,000	\$60.59	\$99.16	\$38.57	63.66%
6,000	\$66.89	\$116.79	\$49.90	74.61%
7,000	\$73.19	\$134.42	\$61.23	83.67%
8,000	\$79.49	\$152.05	\$72.56	91.29%
9,000	\$85.79	\$169.68	\$83.89	97.80%
10,000	\$92.09	\$187.31	\$95.23	103.41%
11,000	\$98.39	\$204.94	\$106.56	108.31%
12,000	\$104.70	\$222.57	\$117.88	112.59%
13,000	\$111.00	\$240.20	\$129.21	116.41%
14,000	\$117.30	\$257.83	\$140.54	119.82%
15,000	\$123.60	\$275.47	\$151.87	122.88%
16,000	\$129.90	\$293.10	\$163.20	125.64%
17,000	\$136.20	\$310.73	\$174.53	128.15%
18,000	\$142.50	\$328.36	\$185.86	130.43%
19,000	\$148.80	\$345.99	\$197.19	132.53%
20,000	\$155.10	\$363.62	\$208.52	134.45%
25,000	\$186.61	\$451.78	\$265.17	142.10%
30,000	\$218.11	\$539.93	\$321.82	147.55%
35,000	\$249.61	\$628.09	\$378.48	151.63%
40,000	\$281.12	\$716.24	\$435.12	154.78%
45,000	\$312.62	\$804.40	\$491.78	157.31%
50,000	\$344.13	\$892.55	\$548.42	159.37%

* Average monthly bill.

** Present Bill includes -7.68% TCJA and 5.00% DSIC.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 5 - FRANKLIN

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$72.80	\$71.97	-\$0.83	-1.14%
1,000	\$72.80	\$71.97	-\$0.83	-1.14%
2,000	\$72.80	\$71.97	-\$0.83	-1.14%
3,000	\$72.80	\$71.97	-\$0.83	-1.14%
3,458 *	\$72.80	\$71.97	-\$0.83	-1.14%
4,000	\$72.80	\$71.97	-\$0.83	-1.14%
5,000	\$72.80	\$71.97	-\$0.83	-1.14%
6,000	\$72.80	\$71.97	-\$0.83	-1.14%
7,000	\$72.80	\$71.97	-\$0.83	-1.14%
8,000	\$72.80	\$71.97	-\$0.83	-1.14%
9,000	\$72.80	\$71.97	-\$0.83	-1.14%
10,000	\$72.80	\$71.97	-\$0.83	-1.14%
11,000	\$72.80	\$71.97	-\$0.83	-1.14%
12,000	\$72.80	\$71.97	-\$0.83	-1.14%
13,000	\$72.80	\$71.97	-\$0.83	-1.14%
14,000	\$72.80	\$71.97	-\$0.83	-1.14%
15,000	\$72.80	\$71.97	-\$0.83	-1.14%
16,000	\$72.80	\$71.97	-\$0.83	-1.14%
17,000	\$72.80	\$71.97	-\$0.83	-1.14%
18,000	\$72.80	\$71.97	-\$0.83	-1.14%
19,000	\$72.80	\$71.97	-\$0.83	-1.14%
20,000	\$72.80	\$71.97	-\$0.83	-1.14%
25,000	\$72.80	\$71.97	-\$0.83	-1.14%
30,000	\$72.80	\$71.97	-\$0.83	-1.14%
35,000	\$72.80	\$71.97	-\$0.83	-1.14%
40,000	\$72.80	\$71.97	-\$0.83	-1.14%
45,000	\$72.80	\$71.97	-\$0.83	-1.14%
50,000	\$72.80	\$71.97	-\$0.83	-1.14%

* Average monthly bill.

** Present Bill includes -7.68% TCJA and 5.00% DSIC.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 8 - TURBOTVILLE

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$7.50	\$11.00	\$3.50	46.67%
1,000	\$20.38	\$28.63	\$8.25	40.49%
2,000	\$33.26	\$46.26	\$13.00	39.09%
3,000	\$46.14	\$63.89	\$17.75	38.48%
3,458 *	\$52.04	\$71.97	\$19.93	38.30%
4,000	\$59.02	\$81.52	\$22.50	38.13%
5,000	\$71.90	\$99.16	\$27.26	37.91%
6,000	\$84.78	\$116.79	\$32.01	37.75%
7,000	\$97.66	\$134.42	\$36.76	37.64%
8,000	\$110.54	\$152.05	\$41.51	37.55%
9,000	\$123.42	\$169.68	\$46.26	37.48%
10,000	\$136.30	\$187.31	\$51.01	37.42%
11,000	\$149.18	\$204.94	\$55.76	37.38%
12,000	\$162.06	\$222.57	\$60.51	37.34%
13,000	\$174.94	\$240.20	\$65.26	37.31%
14,000	\$187.82	\$257.83	\$70.01	37.28%
15,000	\$200.70	\$275.47	\$74.77	37.25%
16,000	\$213.58	\$293.10	\$79.52	37.23%
17,000	\$226.46	\$310.73	\$84.27	37.21%
18,000	\$239.34	\$328.36	\$89.02	37.19%
19,000	\$252.22	\$345.99	\$93.77	37.18%
20,000	\$265.10	\$363.62	\$98.52	37.16%
25,000	\$329.50	\$451.78	\$122.28	37.11%
30,000	\$393.90	\$539.93	\$146.03	37.07%
35,000	\$458.30	\$628.09	\$169.79	37.05%
40,000	\$522.70	\$716.24	\$193.54	37.03%
45,000	\$587.10	\$804.40	\$217.30	37.01%
50,000	\$651.50	\$892.55	\$241.05	37.00%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
DELAWARE WATER COMPANY ACQUISITION

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$95.52	\$71.97	-\$23.55	-24.65%
1,000	\$95.52	\$71.97	-\$23.55	-24.65%
2,000	\$95.52	\$71.97	-\$23.55	-24.65%
3,000	\$95.52	\$71.97	-\$23.55	-24.65%
3,458 *	\$95.52	\$71.97	-\$23.55	-24.65%
4,000	\$95.52	\$71.97	-\$23.55	-24.65%
5,000	\$95.52	\$71.97	-\$23.55	-24.65%
6,000	\$95.52	\$71.97	-\$23.55	-24.65%
7,000	\$95.52	\$71.97	-\$23.55	-24.65%
8,000	\$95.52	\$71.97	-\$23.55	-24.65%
9,000	\$95.52	\$71.97	-\$23.55	-24.65%
10,000	\$95.52	\$71.97	-\$23.55	-24.65%
11,000	\$95.52	\$71.97	-\$23.55	-24.65%
12,000	\$95.52	\$71.97	-\$23.55	-24.65%
13,000	\$95.52	\$71.97	-\$23.55	-24.65%
14,000	\$95.52	\$71.97	-\$23.55	-24.65%
15,000	\$95.52	\$71.97	-\$23.55	-24.65%
16,000	\$95.52	\$71.97	-\$23.55	-24.65%
17,000	\$95.52	\$71.97	-\$23.55	-24.65%
18,000	\$95.52	\$71.97	-\$23.55	-24.65%
19,000	\$95.52	\$71.97	-\$23.55	-24.65%
20,000	\$95.52	\$71.97	-\$23.55	-24.65%
25,000	\$95.52	\$71.97	-\$23.55	-24.65%
30,000	\$95.52	\$71.97	-\$23.55	-24.65%
35,000	\$95.52	\$71.97	-\$23.55	-24.65%
40,000	\$95.52	\$71.97	-\$23.55	-24.65%
45,000	\$95.52	\$71.97	-\$23.55	-24.65%
50,000	\$95.52	\$71.97	-\$23.55	-24.65%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 1

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$11.00	\$12.00	\$1.00	9.09%
1,000	\$28.63	\$30.75	\$2.12	7.42%
2,000	\$46.26	\$49.51	\$3.25	7.02%
3,000	\$63.89	\$68.26	\$4.37	6.84%
3,458 *	\$71.97	\$76.85	\$4.88	6.79%
4,000	\$81.52	\$87.02	\$5.49	6.74%
5,000	\$99.16	\$105.77	\$6.61	6.67%
6,000	\$116.79	\$124.52	\$7.74	6.63%
7,000	\$134.42	\$143.28	\$8.86	6.59%
8,000	\$152.05	\$162.03	\$9.98	6.57%
9,000	\$169.68	\$180.79	\$11.11	6.55%
10,000	\$187.31	\$199.54	\$12.23	6.53%
11,000	\$204.94	\$218.29	\$13.35	6.52%
12,000	\$222.57	\$237.05	\$14.48	6.50%
13,000	\$240.20	\$255.80	\$15.60	6.49%
14,000	\$257.83	\$274.56	\$16.72	6.49%
15,000	\$275.47	\$293.31	\$17.85	6.48%
16,000	\$293.10	\$312.06	\$18.97	6.47%
17,000	\$310.73	\$330.82	\$20.09	6.47%
18,000	\$328.36	\$349.57	\$21.21	6.46%
19,000	\$345.99	\$368.33	\$22.34	6.46%
20,000	\$363.62	\$387.08	\$23.46	6.45%
25,000	\$451.78	\$480.85	\$29.08	6.44%
30,000	\$539.93	\$574.62	\$34.69	6.42%
35,000	\$628.09	\$668.39	\$40.31	6.42%
40,000	\$716.24	\$762.16	\$45.92	6.41%
45,000	\$804.40	\$855.93	\$51.54	6.41%
50,000	\$892.55	\$949.70	\$57.15	6.40%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 2 - NEW CUMBERLAND

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$11.00	\$12.00	\$1.00	9.09%
1,000	\$23.30	\$26.76	\$3.46	14.85%
2,000	\$35.60	\$41.52	\$5.92	16.63%
3,000	\$47.90	\$56.28	\$8.38	17.49%
3,458 *	\$53.53	\$63.04	\$9.51	17.76%
4,000	\$60.20	\$71.04	\$10.84	18.01%
5,000	\$72.50	\$85.80	\$13.30	18.34%
6,000	\$84.80	\$100.56	\$15.76	18.58%
7,000	\$97.10	\$115.32	\$18.22	18.76%
8,000	\$109.40	\$130.08	\$20.68	18.90%
9,000	\$121.70	\$144.84	\$23.14	19.01%
10,000	\$134.00	\$159.60	\$25.60	19.10%
11,000	\$146.30	\$174.36	\$28.06	19.18%
12,000	\$158.60	\$189.12	\$30.52	19.24%
13,000	\$170.90	\$203.88	\$32.98	19.30%
14,000	\$183.20	\$218.64	\$35.44	19.34%
15,000	\$195.50	\$233.40	\$37.90	19.39%
16,000	\$207.80	\$248.16	\$40.36	19.42%
17,000	\$220.10	\$262.92	\$42.82	19.45%
18,000	\$232.40	\$277.68	\$45.28	19.48%
19,000	\$244.70	\$292.44	\$47.74	19.51%
20,000	\$257.00	\$307.20	\$50.20	19.53%
25,000	\$318.50	\$381.00	\$62.50	19.62%
30,000	\$380.00	\$454.80	\$74.80	19.68%
35,000	\$441.50	\$528.60	\$87.10	19.73%
40,000	\$503.00	\$602.40	\$99.40	19.76%
45,000	\$564.50	\$676.20	\$111.70	19.79%
50,000	\$626.00	\$750.00	\$124.00	19.81%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 4 - KOPPEL

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$11.00	\$12.00	\$1.00	9.09%
1,000	\$28.63	\$30.75	\$2.12	7.42%
2,000	\$46.26	\$49.51	\$3.25	7.02%
3,000	\$63.89	\$68.26	\$4.37	6.84%
3,458 *	\$71.97	\$76.85	\$4.88	6.79%
4,000	\$81.52	\$87.02	\$5.49	6.74%
5,000	\$99.16	\$105.77	\$6.61	6.67%
6,000	\$116.79	\$124.52	\$7.74	6.63%
7,000	\$134.42	\$143.28	\$8.86	6.59%
8,000	\$152.05	\$162.03	\$9.98	6.57%
9,000	\$169.68	\$180.79	\$11.11	6.55%
10,000	\$187.31	\$199.54	\$12.23	6.53%
11,000	\$204.94	\$218.29	\$13.35	6.52%
12,000	\$222.57	\$237.05	\$14.48	6.50%
13,000	\$240.20	\$255.80	\$15.60	6.49%
14,000	\$257.83	\$274.56	\$16.72	6.49%
15,000	\$275.47	\$293.31	\$17.85	6.48%
16,000	\$293.10	\$312.06	\$18.97	6.47%
17,000	\$310.73	\$330.82	\$20.09	6.47%
18,000	\$328.36	\$349.57	\$21.21	6.46%
19,000	\$345.99	\$368.33	\$22.34	6.46%
20,000	\$363.62	\$387.08	\$23.46	6.45%
25,000	\$451.78	\$480.85	\$29.08	6.44%
30,000	\$539.93	\$574.62	\$34.69	6.42%
35,000	\$628.09	\$668.39	\$40.31	6.42%
40,000	\$716.24	\$762.16	\$45.92	6.41%
45,000	\$804.40	\$855.93	\$51.54	6.41%
50,000	\$892.55	\$949.70	\$57.15	6.40%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 5 - FRANKLIN

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$71.97	\$76.85	\$4.88	6.78%
1,000	\$71.97	\$76.85	\$4.88	6.78%
2,000	\$71.97	\$76.85	\$4.88	6.78%
3,000	\$71.97	\$76.85	\$4.88	6.78%
3,458 *	\$71.97	\$76.85	\$4.88	6.78%
4,000	\$71.97	\$76.85	\$4.88	6.78%
5,000	\$71.97	\$76.85	\$4.88	6.78%
6,000	\$71.97	\$76.85	\$4.88	6.78%
7,000	\$71.97	\$76.85	\$4.88	6.78%
8,000	\$71.97	\$76.85	\$4.88	6.78%
9,000	\$71.97	\$76.85	\$4.88	6.78%
10,000	\$71.97	\$76.85	\$4.88	6.78%
11,000	\$71.97	\$76.85	\$4.88	6.78%
12,000	\$71.97	\$76.85	\$4.88	6.78%
13,000	\$71.97	\$76.85	\$4.88	6.78%
14,000	\$71.97	\$76.85	\$4.88	6.78%
15,000	\$71.97	\$76.85	\$4.88	6.78%
16,000	\$71.97	\$76.85	\$4.88	6.78%
17,000	\$71.97	\$76.85	\$4.88	6.78%
18,000	\$71.97	\$76.85	\$4.88	6.78%
19,000	\$71.97	\$76.85	\$4.88	6.78%
20,000	\$71.97	\$76.85	\$4.88	6.78%
25,000	\$71.97	\$76.85	\$4.88	6.78%
30,000	\$71.97	\$76.85	\$4.88	6.78%
35,000	\$71.97	\$76.85	\$4.88	6.78%
40,000	\$71.97	\$76.85	\$4.88	6.78%
45,000	\$71.97	\$76.85	\$4.88	6.78%
50,000	\$71.97	\$76.85	\$4.88	6.78%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 8 - TURBOTVILLE

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$11.00	\$12.00	\$1.00	9.09%
1,000	\$28.63	\$30.75	\$2.12	7.42%
2,000	\$46.26	\$49.51	\$3.25	7.02%
3,000	\$63.89	\$68.26	\$4.37	6.84%
3,458 *	\$71.97	\$76.85	\$4.88	6.79%
4,000	\$81.52	\$87.02	\$5.49	6.74%
5,000	\$99.16	\$105.77	\$6.61	6.67%
6,000	\$116.79	\$124.52	\$7.74	6.63%
7,000	\$134.42	\$143.28	\$8.86	6.59%
8,000	\$152.05	\$162.03	\$9.98	6.57%
9,000	\$169.68	\$180.79	\$11.11	6.55%
10,000	\$187.31	\$199.54	\$12.23	6.53%
11,000	\$204.94	\$218.29	\$13.35	6.52%
12,000	\$222.57	\$237.05	\$14.48	6.50%
13,000	\$240.20	\$255.80	\$15.60	6.49%
14,000	\$257.83	\$274.56	\$16.72	6.49%
15,000	\$275.47	\$293.31	\$17.85	6.48%
16,000	\$293.10	\$312.06	\$18.97	6.47%
17,000	\$310.73	\$330.82	\$20.09	6.47%
18,000	\$328.36	\$349.57	\$21.21	6.46%
19,000	\$345.99	\$368.33	\$22.34	6.46%
20,000	\$363.62	\$387.08	\$23.46	6.45%
25,000	\$451.78	\$480.85	\$29.08	6.44%
30,000	\$539.93	\$574.62	\$34.69	6.42%
35,000	\$628.09	\$668.39	\$40.31	6.42%
40,000	\$716.24	\$762.16	\$45.92	6.41%
45,000	\$804.40	\$855.93	\$51.54	6.41%
50,000	\$892.55	\$949.70	\$57.15	6.40%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
DELAWARE WATER COMPANY ACQUISITION

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$71.97	\$76.85	\$4.88	6.78%
1,000	\$71.97	\$76.85	\$4.88	6.78%
2,000	\$71.97	\$76.85	\$4.88	6.78%
3,000	\$71.97	\$76.85	\$4.88	6.78%
3,458 *	\$71.97	\$76.85	\$4.88	6.78%
4,000	\$71.97	\$76.85	\$4.88	6.78%
5,000	\$71.97	\$76.85	\$4.88	6.78%
6,000	\$71.97	\$76.85	\$4.88	6.78%
7,000	\$71.97	\$76.85	\$4.88	6.78%
8,000	\$71.97	\$76.85	\$4.88	6.78%
9,000	\$71.97	\$76.85	\$4.88	6.78%
10,000	\$71.97	\$76.85	\$4.88	6.78%
11,000	\$71.97	\$76.85	\$4.88	6.78%
12,000	\$71.97	\$76.85	\$4.88	6.78%
13,000	\$71.97	\$76.85	\$4.88	6.78%
14,000	\$71.97	\$76.85	\$4.88	6.78%
15,000	\$71.97	\$76.85	\$4.88	6.78%
16,000	\$71.97	\$76.85	\$4.88	6.78%
17,000	\$71.97	\$76.85	\$4.88	6.78%
18,000	\$71.97	\$76.85	\$4.88	6.78%
19,000	\$71.97	\$76.85	\$4.88	6.78%
20,000	\$71.97	\$76.85	\$4.88	6.78%
25,000	\$71.97	\$76.85	\$4.88	6.78%
30,000	\$71.97	\$76.85	\$4.88	6.78%
35,000	\$71.97	\$76.85	\$4.88	6.78%
40,000	\$71.97	\$76.85	\$4.88	6.78%
45,000	\$71.97	\$76.85	\$4.88	6.78%
50,000	\$71.97	\$76.85	\$4.88	6.78%

* Average monthly bill.

**EXHIBIT NO. 12-L -
REVENUE RATE APPLICATION FOR
SADSBURY WASTEWATER SSS OPERATIONS**

PENNSYLVANIA-AMERICAN WATER COMPANY
MECHANICSBURG, PENNSYLVANIA

SADSBURY WASTEWATER SSS OPERATIONS
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

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PENNSYLVANIA-AMERICAN WATER COMPANY

SADSBURY WASTEWATER SSS OPERATIONS
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

INTRODUCTION

Sadsbury Wastewater SSS Operations is organized into nine schedules. Schedules 1 and 2 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2022. Schedules 3 and 4 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2021. Schedules 5 and 6 summarize the application of present rates to the consumption analysis and the pro forma adjustments under present rates for the twelve months ended December 31, 2019, 2020 and 2021. Schedules 7 and 8 set forth the application of present and proposed rates to the detailed consumption analysis and billing determinants. Schedule 9 sets forth the comparison of customer bills under present and proposed rates.

PRESENT RATE APPLICATION

Schedule 5 summarizes the pro forma revenues under present rates. Column 2 presents the revenues per books. Column 3 presents the revenues from the application of base rates in effect during the test year for each rate zone to the detailed consumption analysis for the twelve months ended December 31, 2019. The application of rates for

the various rate zones and customer classifications is summarized in Schedule 6, from the application of present rates in Schedule 7. The adjustment factor in column 4 is calculated by dividing column 2 by column 3.

Column 5 of Schedule 5 is the result of applying the adjustment factor in column 4 to the revenues in column 3. The application of present base rates to the pro forma historic and future test year adjustments of number of bills and consumption is presented in Schedule 8 and brought forward to column 6 of Schedule 3. Columns 5 and 6 are added together to arrive at the total pro forma revenues under present rates in column 7.

2021 RATE APPLICATION

Schedule 3 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2021 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 3 sets forth the pro forma revenues under present rates brought forward from column 7 of Schedule 5. Column 3 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 7 and summarized in Schedule 4. The adjustment factor is applied to the revenues in column 3 to determine the proposed revenues in column 4. Column 5 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8, and summarized in Schedule 4. Column 6 is the sum of columns 4 and 5 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 7 by subtracting the pro forma revenues under present rates in column 2 from the pro forma revenues under proposed rates in column 6. The percent increase is shown in column 8.

2022 RATE APPLICATION

Schedule 1 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2022 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 6 of Schedule 3. Column 3 adjusts these revenues for 2022 revenue adjustments under 2021 rates and is added to column 2 to develop pro forma revenues under 2021 rates as of December 31, 2022. Column 5 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 7 and summarized in Schedule 2. The adjustment factor is applied to the revenues in column 6 to determine the proposed revenues in column 7. Column 8 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8. Column 9 is the sum of columns 7 and 8 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 10 by subtracting the pro forma revenues under present rates in column 4 from the pro forma revenues under proposed rates in column 9. The percent increase is shown in column 11.

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES

Schedule 9 presents a comparison of customers' bills under present and 2021 rates and a comparison of customers' bills under 2021 rates and 2022 rates at various consumption levels for the residential classification.

PENNSYLVANIA-AMERICAN WATER COMPANY
 SADSBUURY WASTEWATER OPERATIONS
 SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021 AND 2022
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER 2022 RATES

Customer Classification (1)	Pro Forma Revenues 2021 Rates (Schedule 3) (2)	Pro Forma Adjustments 2021 Rates (Schedule 2) (3)	Pro Forma Revenue, 2021 Rates As of 2022 (4)	Bill Analysis Revenue, 2022 Rates (Schedule 2) (5)	Adjustment Factor (Sch 5, col 4) (6)	Revenue Under Proposed Rates (7)=(6)X(5) (7)	2022		Percent Increase (11)	
							Pro Forma Adjustments Proposed Rates (Schedule 2) (8)	Total Pro Forma Revenue Under Proposed Rates (9)=(8)+(7) (9)		2022 Increase (10)=(9)-(4) (10)
METERED SALES										
Residential	824,472	(17,051)	807,421	\$ 686,997	1.000000	\$ 686,997	\$ 175,861	\$ 862,858	\$ 55,437	6.9%
Commercial	126,308	(1,157)	125,151	113,274	1.000000	113,274	21,542	134,817	9,665	7.7%
Municipal	1,832	-	1,832	1,496	1.000055	1,496	496	1,992	160	8.7%
Total Sales	952,612	(18,208)	934,405	801,767		801,767	197,899	999,667	65,262	
Other Operating Revenues	7,241	(114)	7,127	7,127		7,127	(92)	7,035	(92)	
Total	\$ 959,853	\$ (18,322)	\$ 941,532	\$ 808,894		\$ 808,894	\$ 197,807	\$ 1,006,702	\$ 65,170	

PENNSYLVANIA-AMERICAN WATER COMPANY
 SADSBUURY WASTEWATER OPERATIONS
 SUMMARY OF APPLICATION OF 2022 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2022

<u>Wastewater Area</u> (1)	<u>Residential</u> (2)	<u>Commercial</u> (3)	<u>Municipal</u> (4)	<u>Total</u> (5)
<u>Present Rate Application</u>				
Sadsbury WW	\$ 686,997	\$ 113,274	\$ 1,496	\$ 801,767
Total	<u>686,997</u>	<u>113,274</u>	<u>1,496</u>	<u>801,767</u>
<u>Proforma Adjustments</u>				
Sadsbury WW	175,861	21,542	496	197,899
Total Adjustments	<u>175,861</u>	<u>21,542</u>	<u>496</u>	<u>197,899</u>
Total Pro Forma 2022 Revenues	<u>862,858</u>	<u>134,817</u>	<u>1,992</u>	<u>999,667</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
 SADSBURY WASTEWATER OPERATIONS
 SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER PROPOSED RATES

Customer Classification (1)	Pro Forma Revenue Present Rates (Schedule 5) (2)	Bill Analysis Revenue, 2021 Rates (Schedule 4) (2)	Adjustment Factor (Sch 5, col 4) (3)	Revenue 2021 Rates (4)=(2)X(3)	2020-2021 Pro Forma Adjustments Proposed Rates (Schedule 4) (5)	Total Pro Forma Revenue 2021 Rates (6)=(4)+(5)	2021 Increase (7)=(6)-(2)	Percent Increase (8)
	METERED SALES							
Residential	880,025	\$ 643,035	1.000000	\$ 643,035	\$ 181,437	\$ 824,472	\$ (55,553)	-6.3%
Commercial	131,079	104,844	1.000000	104,844	21,465	126,308	(4,770)	-3.6%
Municipal	1,819	1,379	1.000055	1,379	453	1,832	13	0.7%
Total Sales	1,012,922	749,258		749,258	203,355	952,612	(60,310)	
Other Operating Revenues	6,324	6,324		6,324	917	7,241	917	
Total	\$ 1,019,246	\$ 755,582		\$ 755,582	\$ 204,272	\$ 959,853	\$ (59,393)	

PENNSYLVANIA-AMERICAN WATER COMPANY
 SADSBUARY WASTEWATER OPERATIONS
 SUMMARY OF APPLICATION OF 2021 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Residential (2)	Commercial (3)	Municipal (4)	Total (5)
<u>Present Rate Application</u>				
Sadsbury WW	\$ 643,035	\$ 104,844	\$ 1,379	\$ 749,258
Total	<u>643,035</u>	<u>104,844</u>	<u>1,379</u>	<u>749,258</u>
<u>2021 Proforma Adjustments</u>				
Sadsbury WW	181,437	21,053	458	202,948
Total Pro Forma Adjustments	<u>181,437</u>	<u>21,053</u>	<u>458</u>	<u>202,948</u>
Total Pro Forma 2021 Revenues	<u>824,472</u>	<u>125,897</u>	<u>1,837</u>	<u>952,206</u>
<u>2022 - Proforma Adjustments Under 2021 Rates</u>				
Sadsbury WW	(17,051)	(1,157)	-	(18,208)
Total Present Rate Adjustments	<u>(17,051)</u>	<u>(1,157)</u>	<u>-</u>	<u>(18,208)</u>
Total Pro Forma Adjusted Revenues	<u>807,421</u>	<u>124,740</u>	<u>1,837</u>	<u>933,998</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
 SADSBUURY WASTEWATER OPERATIONS
 SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
 FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification (1)	Adjusted Revenue, Per Books Present Rates 12/31/2019 (a) (2)	Bill Analysis Revenues, Present Rates (Schedule 6) (3)	Adjustment Factor (4)=(2)/(3)	Revenues Under Present Rates (5)=(4)X(3)	Pro Forma Adjustments Present Rates (Schedule 6) (6)	Total Present Rate Revenue (7)=(6)+(5)
<u>METERED SALES</u>						
Residential	679,554	\$ 679,554	1.000000	\$ 679,554	\$ 200,471	\$ 880,025
Commercial	109,614	109,614	1.000000	109,614	21,465	131,079
Municipal	1,366	1,366	1.000055	1,366	453	1,819
Total Sales	790,534	790,534		790,534	222,388	\$ 1,012,922
Other Operating Revenues	4,936	4,936		4,936	1,388	6,324
Total	\$ 795,470	\$ 795,470		\$ 795,470	\$ 223,776	\$ 1,019,246

(a) Excludes Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
 SADSBUARY WASTEWATER OPERATIONS
 SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Residential (2)	Commercial (3)	Municipal (4)	Total (5)
<u>Present Rate Application</u>				
Sadsbury WW	\$ 679,554	\$ 109,614	\$ 1,366	\$ 790,534
Total	<u>679,554</u>	<u>109,614</u>	<u>1,366</u>	<u>790,534</u>
<u>Proforma Adjustments</u>				
Sadsbury WW	200,471	21,465	453	222,388
Total Present Rate Adjustments	<u>200,471</u>	<u>21,465</u>	<u>453</u>	<u>222,388</u>
Total Pro Forma Adjusted Revenues	<u>880,025</u>	<u>131,079</u>	<u>1,819</u>	<u>1,012,922</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBUURY WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (8)	Proposed 2022 Revenue (9)
<u>Residential - Monthly</u>								
Unmetered Sales	10,002	-	\$ 25.00	\$ 250,059	\$ 11.00	\$ 110,026	\$ 12.00	\$ 120,028
Low Income	49		20.00	980	7.70	377	8.40	412
All Usage	-	301,416	1.4180	427,407	1.7631	531,426	1.8754	565,275
Low Income	-	977	1.1344	1,108	1.2342	1,205	1.3128	1,282
Subtotal	-	302,392		428,515		532,631		566,557
Total Residential	10,051	302,392		679,554		643,035		686,997
<u>Commercial - Monthly</u>								
Unmetered Sales	950	-	\$ 25.00	\$ 23,750	\$ 27.50	\$ 26,125	\$ 30.00	\$ 28,500
All Usage	-	60,553	1.4180	85,864	1.3000	78,719	1.4000	84,774
Subtotal	-	60,553		85,864		78,719		84,774
Total Commercial	950	60,553		109,614		104,844		113,274
<u>Public - Monthly</u>								
Unmetered Sales	28	-	\$ 25.00	\$ 695	\$ 27.50	\$ 764	\$ 30.00	\$ 834
All Usage	-	473	1.4180	671	1.3000	615	1.4000	662
Subtotal	-	473		671		615		662
Total Public	28	473		1,366		1,379		1,496
Total System	11,029	363,418		\$ 790,534		\$ 749,258		\$ 801,767

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBUURY WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (8)	Proposed 2022 Revenue (9)
<u>Residential - Monthly</u>								
Unmetered Sales	3,343	-	\$ 25.00	\$ 83,573	\$ 11.00	\$ 36,772	\$ 12.00	\$ 40,115
Low Income	16		20.00	327	7.70	126	8.40	137
All Usage	-	80,388	1.4180	113,990	1.7631	141,731	1.8754	150,759
Low Income	-	2,275	1.1344	2,581	1.2342	2,808	1.3128	2,987
Subtotal	-	82,663		116,571		144,539		153,745
Total Residential	3,359	82,663		200,471		181,437		193,998
<u>Commercial - Monthly</u>								
Unmetered Sales	300	-	\$ 25.00	\$ 7,504	\$ 27.50	\$ 8,254	\$ 30.00	\$ 9,004
All Usage	-	9,846	1.4180	13,961	1.3000	12,800	1.4000	13,784
Subtotal	-	9,846		13,961		12,800		13,784
Total Commercial	300	9,846		21,465		21,053		22,788
<u>Public - Monthly</u>								
Unmetered Sales	9	-	\$ 25.00	\$ 229	\$ 27.50	\$ 252	\$ 30.00	\$ 275
All Usage	-	158	1.4180	224	1.3000	206	1.4000	221
Subtotal	-	158		224		206		221
Total Public	9	158		453		458		496
Total System	3,669	92,667		\$ 222,388		\$ 202,948		\$ 217,282

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBUURY WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (8)	Proposed 2022 Revenue (9)
<u>Residential - Monthly</u>								
Unmetered Sales			\$ 25.00	\$ -	\$ 11.00	\$ -	\$ 12.00	\$ -
Low Income			20.00	-	7.70	-	8.40	-
All Usage	-	(9,671)	1.4180	(13,713)	1.7631	(17,051)	1.8754	(18,137)
Low Income	-	(9,671)	1.1344	-	1.2342	-	1.3128	-
Subtotal				(13,713)		(17,051)		(18,137)
Total Residential	-	(9,671)		(13,713)		(17,051)		(18,137)
<u>Commercial - Monthly</u>								
Unmetered Sales			\$ 25.00	\$ -	\$ 27.50	\$ -	\$ 30.00	\$ -
All Usage	-	(890)	1.4180	(1,262)	1.3000	(1,157)	1.4000	(1,246)
Subtotal	-	(890)		(1,262)		(1,157)		(1,246)
Total Commercial	-	(890)		(1,262)		(1,157)		(1,246)
<u>Public - Monthly</u>								
Unmetered Sales			\$ 25.00	\$ -	\$ 27.50	\$ -	\$ 30.00	\$ -
All Usage	-	-	1.4180	-	1.3000	-	1.4000	-
Subtotal	-	-		-		-		-
Total Public	-	-		-		-		-
Total System	-	(10,561)		(14,975)		(18,208)		(19,383)

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBUY

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$25.00	\$11.00	-\$14.00	-56.00%
1,000	\$39.18	\$28.63	-\$10.55	-26.92%
2,000	\$53.36	\$46.26	-\$7.10	-13.30%
3,000	\$67.54	\$63.89	-\$3.65	-5.40%
3,458 *	\$74.03	\$71.97	-\$2.07	-2.79%
4,000	\$81.72	\$81.52	-\$0.20	-0.24%
5,000	\$95.90	\$99.16	\$3.26	3.39%
6,000	\$110.08	\$116.79	\$6.71	6.09%
7,000	\$124.26	\$134.42	\$10.16	8.17%
8,000	\$138.44	\$152.05	\$13.61	9.83%
9,000	\$152.62	\$169.68	\$17.06	11.18%
10,000	\$166.80	\$187.31	\$20.51	12.30%
11,000	\$180.98	\$204.94	\$23.96	13.24%
12,000	\$195.16	\$222.57	\$27.41	14.05%
13,000	\$209.34	\$240.20	\$30.86	14.74%
14,000	\$223.52	\$257.83	\$34.31	15.35%
15,000	\$237.70	\$275.47	\$37.77	15.89%
16,000	\$251.88	\$293.10	\$41.22	16.36%
17,000	\$266.06	\$310.73	\$44.67	16.79%
18,000	\$280.24	\$328.36	\$48.12	17.17%
19,000	\$294.42	\$345.99	\$51.57	17.52%
20,000	\$308.60	\$363.62	\$55.02	17.83%
25,000	\$379.50	\$451.78	\$72.28	19.04%
30,000	\$450.40	\$539.93	\$89.53	19.88%
35,000	\$521.30	\$628.09	\$106.79	20.48%
40,000	\$592.20	\$716.24	\$124.04	20.95%
45,000	\$663.10	\$804.40	\$141.30	21.31%
50,000	\$734.00	\$892.55	\$158.55	21.60%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBUURY

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$11.00	\$12.00	\$1.00	9.09%
1,000	\$28.63	\$30.75	\$2.12	7.42%
2,000	\$46.26	\$49.51	\$3.25	7.02%
3,000	\$63.89	\$68.26	\$4.37	6.84%
3,458 *	\$71.97	\$76.85	\$4.88	6.79%
4,000	\$81.52	\$87.02	\$5.49	6.74%
5,000	\$99.16	\$105.77	\$6.61	6.67%
6,000	\$116.79	\$124.52	\$7.74	6.63%
7,000	\$134.42	\$143.28	\$8.86	6.59%
8,000	\$152.05	\$162.03	\$9.98	6.57%
9,000	\$169.68	\$180.79	\$11.11	6.55%
10,000	\$187.31	\$199.54	\$12.23	6.53%
11,000	\$204.94	\$218.29	\$13.35	6.52%
12,000	\$222.57	\$237.05	\$14.48	6.50%
13,000	\$240.20	\$255.80	\$15.60	6.49%
14,000	\$257.83	\$274.56	\$16.72	6.49%
15,000	\$275.47	\$293.31	\$17.85	6.48%
16,000	\$293.10	\$312.06	\$18.97	6.47%
17,000	\$310.73	\$330.82	\$20.09	6.47%
18,000	\$328.36	\$349.57	\$21.21	6.46%
19,000	\$345.99	\$368.33	\$22.34	6.46%
20,000	\$363.62	\$387.08	\$23.46	6.45%
25,000	\$451.78	\$480.85	\$29.08	6.44%
30,000	\$539.93	\$574.62	\$34.69	6.42%
35,000	\$628.09	\$668.39	\$40.31	6.42%
40,000	\$716.24	\$762.16	\$45.92	6.41%
45,000	\$804.40	\$855.93	\$51.54	6.41%
50,000	\$892.55	\$949.70	\$57.15	6.40%

* Average monthly bill.

**EXHIBIT NO. 12-M -
REVENUE RATE APPLICATION FOR
EXETER WASTEWATER SSS OPERATIONS**

PENNSYLVANIA-AMERICAN WATER COMPANY
MECHANICSBURG, PENNSYLVANIA

EXETER WASTEWATER SSS OPERATIONS
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC
Camp Hill, Pennsylvania

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PART I. EXETER WASTEWATER SSS OPERATIONS

PENNSYLVANIA-AMERICAN WATER COMPANY

EXETER WASTEWATER SSS OPERATIONS
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

INTRODUCTION

Exeter Wastewater SSS Operations is organized into nine schedules. Schedules 1 and 2 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2022. Schedules 3 and 4 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2021. Schedules 5 and 6 summarize the application of present rates to the consumption analysis and the pro forma adjustments under present rates for the twelve months ended December 31, 2019, 2020 and 2021. Schedules 7 and 8 set forth the application of present and proposed rates to the detailed consumption analysis and billing determinants. Schedule 9 sets forth the comparison of customer bills under present and proposed rates.

PRESENT RATE APPLICATION

Schedule 5 summarizes the pro forma revenues under present rates. Column 2 presents the revenues per books. Column 3 presents the revenues from the application of base rates in effect during the test year for each rate zone to the detailed consumption analysis for the twelve months ended December 31, 2019. The application of rates for

the various rate zones and customer classifications is summarized in Schedule 6, from the application of present rates in Schedule 7. The adjustment factor in column 4 is calculated by dividing column 2 by column 3.

Column 5 of Schedule 5 is the result of applying the adjustment factor in column 4 to the revenues in column 3. The application of present base rates to the pro forma historic and future test year adjustments of number of bills and consumption is presented in Schedule 8, summarized in Schedule 6 and brought forward to column 6 of Schedule 3. Columns 5 and 6 are added together to arrive at the total pro forma revenues under present rates in column 7.

2021 RATE APPLICATION

Schedule 3 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2021 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 3 sets forth the pro forma revenues under present rates brought forward from column 7 of Schedule 5. Column 3 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 7 and summarized in Schedule 4. The adjustment factor is applied to the revenues in column 3 to determine the proposed revenues in column 5. Column 6 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8, and summarized in Schedule 4. Column 7 is the sum of columns 4 and 5 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 8 by subtracting the pro forma revenues under present rates in column 2 from the pro forma revenues under proposed rates in column 6. The percent increase is shown in column 9.

2022 RATE APPLICATION

Schedule 1 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2022 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 7 of Schedule 3. Column 3 adjusts these revenues for 2022 revenue adjustments under 2021 rates and is added to column 2 to develop pro forma revenues under 2021 rates as of December 31, 2022 in column 4. Column 5 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 7 and summarized in Schedule 2. The adjustment factor is applied to the revenues in column 6 to determine the proposed revenues in column 7. Column 8 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8, and summarized in Schedule 2. Column 9 is the sum of columns 7 and 8 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 10 by subtracting the pro forma revenues under present rates in column 4 from the pro forma revenues under proposed rates in column 9. The percent increase is shown in column 11.

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES

Schedule 9 presents a comparison of customers' bills under present and 2021 rates and a comparison of customers' bills under 2021 rates and 2022 rates at various consumption levels for the residential classification.

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021 AND 2022
AND THE CALCULATION OF THE REVENUE INCREASE UNDER 2022 RATES

Customer Classification (1)	Pro Forma Revenue, 2021 Rates (Schedule 3) (2)	Pro Forma Adjustments 2021 Rates (Schedule 4) (3)	Pro Forma Revenue, 2021 Rates As of 2022 (4)	Bill Analysis Revenue, 2022 Rates (Schedule 2) (5)	Adjustment Factor (Sch 5, col 4) (6)	Revenue Under Proposed Rates (7)=(6)X(5) (7)	2022		Percent Increase (11)	
							Pro Forma Adjustments Proposed Rates (Schedule 2) (8)	Total Pro Forma Revenue Under Proposed Rates (9)=(8)+(7) (10)=(9)-(4)		
METERED SALES										
Residential	6,512,699	(114,101)	\$ 6,398,598	801,293	0.998989	\$ 800,483	\$ 6,033,242	\$ 6,833,725	\$ 435,127	6.8%
Commercial	1,968,396	(7,225)	1,961,171	410,336	1.000010	410,340	1,682,282	2,092,622	131,451	6.7%
Industrial	1,259,513	-	1,259,513	379,259	0.999997	379,258	950,088	1,329,346	69,832	5.5%
Municipal	134,682	-	134,682	91	1.000000	91	145,043	145,134	10,452	7.8%
Bulk	151,539	-	151,539	-	-	-	160,954	160,954	9,415	6.2%
Total Sales	10,026,829	(121,326)	9,905,503	1,590,979		1,590,172	8,971,609	10,561,781	656,278	6.6%
Other Operating Revenues	1,044,304	(757)	1,043,547	1,043,547		1,043,547	1,978	1,045,525	1,978	0.2%
Total	\$ 11,071,133	\$ (122,083)	\$ 10,949,050	\$ 2,634,526		\$ 2,633,719	\$ 8,973,587	\$ 11,607,306	\$ 658,256	6.0%

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF 2022 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2022

Wastewater Area (1)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Bulk (6)	Total (6)
<u>Present Rate Application</u>						
Exeter WW	\$ 801,293	\$ 410,336	\$ 379,259	\$ 91	\$ -	\$ 1,590,979
Total	<u>801,293</u>	<u>410,336</u>	<u>379,259</u>	<u>91</u>	<u>-</u>	<u>1,590,979</u>
<u>Proforma Adjustments</u>						
Exeter WW	6,033,242	1,682,282	950,088	145,043	160,954	8,971,609
Total Adjustments	<u>6,033,242</u>	<u>1,682,282</u>	<u>950,088</u>	<u>145,043</u>	<u>160,954</u>	<u>8,971,609</u>
Total 2022 Pro Forma Revenue	<u>6,834,535</u>	<u>2,092,618</u>	<u>1,329,347</u>	<u>145,134</u>	<u>160,954</u>	<u>10,562,588</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS

SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER PROPOSED RATES

Customer Classification (1)	Pro Forma Revenue, Present Rates (Schedule 5) (2)	Bill Analysis Revenue, 2021 Rates (Schedule 4) (3)	Adjustment Factor (Sch 5, col 4) (4)	Revenue 2021 Rates (5)=(4)X(3) (5)	2020-2021 Pro Forma Adjustments Proposed Rates (Schedule 4) (6)	Total Pro Forma Revenue 2021 Rates (7)=(6)+(5) (7)	2021 Increase (8)=(7)-(2) (8)	Percent Increase (9)
	METERED SALES							
Residential	4,141,242	750,165	0.998989	\$ 749,407	\$ 5,763,292	\$ 6,512,699	\$ 2,371,457	57.3%
Commercial	1,695,984	399,796	1.000010	399,800	1,568,596	1,968,396	272,412	16.1%
Industrial	1,121,261	377,333	0.999997	377,332	882,181	1,259,513	138,252	12.3%
Municipal	118,403	83	1.000000	83	134,599	134,682	16,279	13.7%
Bulk	108,242	-	-	-	151,539	151,539	43,297	40.0%
Total Sales	7,185,131	1,527,377		1,526,622	8,500,207	10,026,829	2,841,697	39.5%
Other Operating Revenues	1,001,221	1,001,221		1,001,221	43,083	1,044,304	43,083	4.3%
Total	\$ 8,186,352	\$ 2,528,598		\$ 2,527,843	\$ 8,543,290	\$ 11,071,133	\$ 2,884,780	35.2%

PENNSYLVANIA-AMERICAN WATER COMPANY
 EXETER WASTEWATER OPERATIONS
 SUMMARY OF APPLICATION OF 2021 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Bulk (6)	Total (7)
<u>Present Rate Application</u>						
Exeter WW	\$ 750,165	\$ 399,796	\$ 377,333	\$ 83	\$ -	\$ 1,527,377
Total	<u>750,165</u>	<u>399,796</u>	<u>377,333</u>	<u>83</u>	<u>-</u>	<u>1,527,377</u>
<u>2021 Proforma Adjustments</u>						
Exeter WW	5,763,292	1,568,596	882,181	134,599	151,539	8,500,207
Total Adjustments	<u>5,763,292</u>	<u>1,568,596</u>	<u>882,181</u>	<u>134,599</u>	<u>151,539</u>	<u>8,500,207</u>
Total 2021 Pro Forma Revenue	<u>6,513,457</u>	<u>1,968,392</u>	<u>1,259,514</u>	<u>134,682</u>	<u>151,539</u>	<u>10,027,584</u>
<u>2022 Proforma Adjustments Under 2021 Rates</u>						
Exeter WW	(114,101)	(7,225)	-	-	-	(121,326)
Total Adjustments	<u>(114,101)</u>	<u>(7,225)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(121,326)</u>
Total 2022 Pro Forma Revenue	<u>6,399,356</u>	<u>1,961,167</u>	<u>1,259,514</u>	<u>134,682</u>	<u>151,539</u>	<u>9,906,258</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification (1)	Adjusted Revenue, Per Books Present Rates 12/31/2019 (a) (2)	Bill Analysis Revenue, Present Rates (Schedule 6) (3)	Adjustment Factor (4)=(2)/(3)	Revenue Under Present Rates (5)=(4)X(3)	Pro Forma Adjustments Present Rates (Schedule 6) (6)	Total Present Rate Revenue (7)=(6)+(5)
METERED SALES						
Residential	496,508	\$ 497,010	0.998989	\$ 496,508	\$ 3,644,734	\$ 4,141,242
Commercial	387,852	387,848	1.000010	387,852	1,308,132	1,695,984
Industrial	373,850	373,851	0.999997	373,850	747,411	1,121,261
Municipal	191	191	1.000000	191	118,212	118,403
Bulk	-	-		-	108,242	108,242
Total Sales	1,258,400	1,258,900		1,258,400	5,926,731	\$ 7,185,131
Other Operating Revenues	796	796		796	1,000,425	1,001,221
Total	\$ 1,259,196	\$ 1,259,696		\$ 1,259,196	\$ 6,927,156	\$ 8,186,352

(a) Excludes Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

<u>Wastewater Area</u> (1)	<u>Residential</u> (2)	<u>Commercial</u> (3)	<u>Industrial</u> (4)	<u>Municipal</u> (5)	<u>Bulk</u> (6)	<u>Total</u> (7)
<u>Present Rate Application</u>						
Exeter WW	\$ 497,010	\$ 387,848	\$ 373,851	\$ 191	\$ -	\$ 1,258,900
Total	<u>497,010</u>	<u>387,848</u>	<u>373,851</u>	<u>191</u>	<u>-</u>	<u>1,258,900</u>
<u>Proforma Adjustments</u>						
Exeter WW	3,644,734	1,308,132	747,411	118,212	108,242	5,926,731
Total Adjustments	<u>3,644,734</u>	<u>1,308,132</u>	<u>747,411</u>	<u>118,212</u>	<u>108,242</u>	<u>5,926,731</u>
Total Pro Forma Revenue	<u>4,141,744</u>	<u>1,695,980</u>	<u>1,121,262</u>	<u>118,403</u>	<u>108,242</u>	<u>7,185,631</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Total Consumption (6)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (8)	Proposed 2022 Revenue (9)
<u>Residential - Monthly</u>									
Flat Rate/Customer Charge	10,709		\$ 26.23	\$ 280,888		\$ 11.00	\$ 117,795	\$ 12.00	\$ 128,504
Low Income	1		20.98	21		7.70	8	8.40	8
Subtotal	10,710	-		280,909	0		117,803		128,512
Allowance up to 1,700 gallons									
All Usage		141,481	\$ -	-	141,481	\$ 1.7631	249,445	\$ 1.8754	265,333
Low Income		197,523	0.9380	185,277	197,523	1.7631	348,254	1.8754	370,435
Subtotal	-	339,039	0.7504	26	35	1.3047	45	1.3878	48
				185,303	339,039		597,744		635,816
Total Metered Residential	10,710	339,039		466,212	339,039		715,547		764,328
Flat Rate	481		\$ 64.03	\$ 30,798		\$ 71.97	\$ 34,618	\$ 76.85	\$ 36,965
Total Residential	11,191	339,039		497,010	339,039		750,165		801,293
<u>Commercial - Monthly</u>									
Flat Rate/Customer Charge	436	-	\$ 63.16	\$ 27,512	-	\$ 27.50	\$ 11,979	\$ 30.00	\$ 13,068
Allowance									
All Usage		7,813	-	-	7,813	1.3000	10,157	1.4000	10,938
Subtotal	-	86,280	1.1000	94,908	86,280	1.3000	112,164	1.4000	120,792
		94,093		94,908	94,093		122,321		131,730
Total Metered Commercial	436	94,093		122,420	94,093		134,300		144,798
Flat Rate	9		\$ 64.03	\$ 553		\$ 71.97	\$ 621	\$ 76.85	\$ 663
IPP Surcharge				\$ 264,875			\$ 264,875		\$ 264,875
Total Commercial	444	94,093		387,848	94,093		399,796		410,336

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Total Consumption (6)	Proposed 2021 Rate (6)	Proposed 2021 Revenue (7)	Proposed 2022 Rate (8)	Proposed 2022 Revenue (9)
<u>Industrial - Monthly</u>									
Flat Rate/Customer Charge	15	-	\$ 63.16	\$ 956	-	\$ 27.50	\$ 416	\$ 30.00	\$ 454
Allowance All Usage		224	-	20,521	224	1.3000	291	1.4000	314
Subtotal	-	18,879	1.1000	20,521	18,655	1.3000	24,252	1.4000	26,117
Flat Rate Subtotal	-	-	64.03	-	18,879	71.97	-	76.85	-
IPP Surcharge				\$ 352,374			352,374		352,374
Total Industrial	15	18,879		\$ 373,851	18,879		\$ 377,333		\$ 379,259
<u>Public - Monthly</u>									
Flat Rate/Customer Charge	3	-	\$ 63.16	\$ 191	-	\$ 27.50	\$ 83	\$ 30.00	\$ 91
Allowance All Usage		-	1.1000	-	-	1.3000	-	1.4000	-
Total Public	3	-	1.1000	191	-	1.3000	83	1.4000	91
Total System	11,653	452,011		\$ 1,258,900			\$ 1,527,377		\$ 1,590,979

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS DECEMBER 31, 2019-2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rates (4)	Present Revenue (5)	Total Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Customer Charge	77,125		26.23	2,022,998		11.00	848,379	12.00	925,504
Low Income	11		20.98	231		7.70	85	8.40	92
Subtotal	77,125			2,022,998			848,379		925,504
Allowance		1,164,359	\$ -		1,164,359	\$ 1.7631	\$ 2,052,881	\$ 1.8754	\$ 2,183,639
All Usage		1,465,953	0.9380	1,375,064	1,465,953	1.7631	2,584,622	1.8754	2,749,249
Low Income Usage		380	0.7504	285	380	1.2342	469	1.3128	499
Subtotal		2,630,693		1,375,349	2,630,693		4,637,972		4,933,387
Fiat Rate	3,848		64.03	246,387		71.97	276,941	76.85	295,719
Subtotal	3,848			246,387			276,941		295,719
Total Residential	80,973	2,630,693		3,644,734	2,630,693		5,763,292		6,154,610
<u>Commercial - Monthly</u>									
Customer Charge	1,754		63.16	110,809		27.50	48,246	30.00	52,632
Subtotal	1,754			110,809			48,246		52,632
Allowance		39,097	\$ -		39,097	\$ 1.3000	\$ 50,826	\$ 1.4000	\$ 54,736
All Usage		793,905	1.1000	873,296	793,905	1.3000	1,032,077	1.4000	1,111,467
Subtotal		833,002		873,296	833,002		1,082,903		1,166,203
Fiat Rate	3		64.03	216		71.97	243	76.85	259
Subtotal	3			216			243		259
Total Commercial	1,758	833,002		984,321	833,002		1,131,392		1,219,094

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS DECEMBER 31, 2019-2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rates (4)	Present Revenue (5)	Total Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Commercial - Multi-Dwellings - Apartments - Monthly</u>									
Customer Charge	441	-	57.76	25,472	-	27.50	12,128	30.00	13,230
Subtotal	441	-		25,472	-		12,128		13,230
Allowance		10,673	\$ -	-	10,673	\$ 1,3000	13,875	\$ 1,4000	14,942
All Usage		173,071	0.9380	162,341	173,071	1,3000	224,992	1,4000	242,299
Subtotal	-	183,744		162,341	183,744		238,867		257,241
Fiat Rate	96	-	64.03	6,147	-	71.97	6,909	76.85	7,378
Subtotal	96	-		6,147	-		6,909		7,378
Total Commercial Multi-Dwellings - Apartment	537	183,744		193,960	183,744		257,904		277,849
<u>Commercial - Multi-Dwellings - Trailer - Monthly</u>									
Customer Charge	72	-	57.76	4,159	-	27.50	1,980	30.00	2,160
Subtotal	72	-		4,159	-		1,980		2,160
Allowance		2,400	\$ -	-	2,400	\$ 1,3000	3,120	\$ 1,4000	3,360
All Usage		134,000	0.9380	125,692	134,000	1,3000	174,200	1,4000	187,600
Subtotal	-	136,400		125,692	136,400		177,320		190,960
Total Commercial Multi-Dwellings - Trailer	72	136,400		129,851	136,400		179,300		193,120
Total Commercial	2,367	1,153,146		1,308,132	1,153,146		1,568,596		1,690,063
<u>Industrial - Monthly</u>									
Customer Charge	144	-	63.16	9,087	-	27.50	3,956	30.00	4,316
Subtotal	144	-		9,087	-		3,956		4,316
Allowance		4,388	\$ -	-	4,388	\$ 1,3000	5,704	\$ 1,4000	6,143
All Usage		670,505	1.1000	737,556	670,505	1,3000	871,657	1,4000	938,707
Subtotal	-	674,893		737,556	674,893		877,361		944,850
Fiat Rate	12	-	64.03	768	-	71.97	864	76.85	922
Subtotal	12	-		768	-		864		922
Total Industrial	156	674,893		747,411	674,893		882,181		950,088

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS DECEMBER 31, 2019-2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rates (4)	Present Revenue (5)	Total Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
			<u>Public - Monthly</u>						
Customer Charge	237	-	63.16	14,967	-	27.50	6,517	30.00	7,109
Subtotal	237	-		14,967			6,517		7,109
Allowance		4,665	\$ -	-	4,665	\$ 1,3000	6,065	\$ 1,4000	6,531
All Usage		93,859	1.1000	103,245	93,859	1.3000	122,017	1.4000	131,403
Subtotal	-	98,524		103,245	98,524		128,082		137,934
Total Public	237	98,524		118,212	98,524		134,599		145,043
			<u>Bulk - Monthly</u>						
All Usage	4	454,800	\$ 0.2380	\$ 108,242	454,800	\$ 0.3332	\$ 151,539	\$ 0.3539	\$ 160,954
All Usage * 1.20 Multiplier	4	454,800		\$ 108,242	454,800		\$ 151,539		\$ 160,954
Total Bulk	4	454,800		\$ 108,242	454,800		\$ 151,539		\$ 160,954
Total System	83,737	5,012,056		5,926,731	5,012,056		8,500,207		9,100,758

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS DECEMBER 31, 2022

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rates (4)	Present Revenue (5)	Total Consumption (6)	Proposed 2021 Rate (7)	Proposed 2021 Revenue (8)	Proposed 2022 Rate (9)	Proposed 2022 Revenue (10)
<u>Residential - Monthly</u>									
Customer Charge	-	-	26.23	-	-	11.00	-	12.00	-
Low Income	-	-	20.98	-	-	7.70	-	8.40	-
Subtotal	-	-		-	-		-		-
Allowance				\$ -			\$ -		\$ -
All Usage		(64,716)	0.9380	(60,704)	(64,716)	1.7631	(114,101)	1.8754	(121,368)
Low Income Usage		(64,716)	0.7504	(60,704)	(64,716)	1.2342	(114,101)	1.3128	(121,368)
Subtotal	-	(64,716)		(60,704)	(64,716)		(114,101)		(121,368)
Fiat Rate	-	-	64.03	-	-	71.97	-	76.85	-
Subtotal	-	-		-	-		-		-
Total Residential	-	(64,716)		(60,704)	(64,716)		(114,101)		(121,368)
<u>Commercial - Monthly</u>									
Customer Charge	-	-	63.16	-	-	27.50	-	30.00	-
Subtotal	-	-		-	-		-		-
Allowance				\$ -			\$ -		\$ -
All Usage		(5,558)	1.1000	(6,114)	(5,558)	1.3000	(7,225)	1.4000	(7,781)
Subtotal	-	(5,558)		(6,114)	(5,558)		(7,225)		(7,781)
Fiat Rate	-	-	64.03	-	-	71.97	-	76.85	-
Subtotal	-	-		-	-		-		-
Total Commercial	-	(5,558)		(6,114)	(5,558)		(7,225)		(7,781)
Total System	-	(70,274)		(66,818)	(70,274)		(121,326)		(129,149)

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$26.23	\$11.00	-\$15.23	-58.06%
1,000	\$26.23	\$28.63	\$2.40	9.15%
2,000	\$29.04	\$46.26	\$17.22	59.28%
3,000	\$38.42	\$63.89	\$25.47	66.28%
3,458 *	\$42.72	\$71.97	\$29.25	68.46%
4,000	\$47.80	\$81.52	\$33.72	70.54%
5,000	\$57.18	\$99.16	\$41.97	73.40%
6,000	\$66.56	\$116.79	\$50.22	75.45%
7,000	\$75.94	\$134.42	\$58.47	76.99%
8,000	\$85.32	\$152.05	\$66.72	78.20%
9,000	\$94.70	\$169.68	\$74.98	79.17%
10,000	\$104.08	\$187.31	\$83.23	79.96%
11,000	\$113.46	\$204.94	\$91.48	80.62%
12,000	\$122.84	\$222.57	\$99.73	81.18%
13,000	\$132.22	\$240.20	\$107.98	81.66%
14,000	\$141.60	\$257.83	\$116.23	82.08%
15,000	\$150.98	\$275.47	\$124.48	82.45%
16,000	\$160.36	\$293.10	\$132.73	82.77%
17,000	\$169.74	\$310.73	\$140.98	83.06%
18,000	\$179.12	\$328.36	\$149.23	83.31%
19,000	\$188.50	\$345.99	\$157.49	83.54%
20,000	\$197.88	\$363.62	\$165.74	83.75%
25,000	\$244.78	\$451.78	\$206.99	84.56%
30,000	\$291.68	\$539.93	\$248.25	85.11%
35,000	\$338.58	\$628.09	\$289.50	85.50%
40,000	\$385.48	\$716.24	\$330.76	85.80%
45,000	\$432.38	\$804.40	\$372.01	86.04%
50,000	\$479.28	\$892.55	\$413.27	86.23%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$11.00	\$12.00	\$1.00	9.09%
1,000	\$28.63	\$30.75	\$2.12	7.42%
2,000	\$46.26	\$49.51	\$3.25	7.02%
3,000	\$63.89	\$68.26	\$4.37	6.84%
3,458 *	\$71.97	\$76.85	\$4.88	6.79%
4,000	\$81.52	\$87.02	\$5.49	6.74%
5,000	\$99.16	\$105.77	\$6.61	6.67%
6,000	\$116.79	\$124.52	\$7.74	6.63%
7,000	\$134.42	\$143.28	\$8.86	6.59%
8,000	\$152.05	\$162.03	\$9.98	6.57%
9,000	\$169.68	\$180.79	\$11.11	6.55%
10,000	\$187.31	\$199.54	\$12.23	6.53%
11,000	\$204.94	\$218.29	\$13.35	6.52%
12,000	\$222.57	\$237.05	\$14.48	6.50%
13,000	\$240.20	\$255.80	\$15.60	6.49%
14,000	\$257.83	\$274.56	\$16.72	6.49%
15,000	\$275.47	\$293.31	\$17.85	6.48%
16,000	\$293.10	\$312.06	\$18.97	6.47%
17,000	\$310.73	\$330.82	\$20.09	6.47%
18,000	\$328.36	\$349.57	\$21.21	6.46%
19,000	\$345.99	\$368.33	\$22.34	6.46%
20,000	\$363.62	\$387.08	\$23.46	6.45%
25,000	\$451.78	\$480.85	\$29.08	6.44%
30,000	\$539.93	\$574.62	\$34.69	6.42%
35,000	\$628.09	\$668.39	\$40.30	6.42%
40,000	\$716.24	\$762.16	\$45.92	6.41%
45,000	\$804.40	\$855.93	\$51.54	6.41%
50,000	\$892.55	\$949.70	\$57.15	6.40%

* Average monthly bill.

**EXHIBIT NO. 12-N -
REVENUE RATE APPLICATION FOR
SCRANTON WASTEWATER CSS OPERATIONS**

PENNSYLVANIA-AMERICAN WATER COMPANY
MECHANICSBURG, PENNSYLVANIA

SCRANTON WASTEWATER CSS OPERATIONS
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC
Camp Hill, Pennsylvania

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PENNSYLVANIA-AMERICAN WATER COMPANY

SCRANTON WASTEWATER CSS OPERATIONS
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

INTRODUCTION

Scranton Wastewater CSS Operations is organized into nine schedules. Schedules 1 and 2 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2022. Schedules 3 and 4 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2021. Schedules 5 and 6 summarize the application of present rates to the consumption analysis and the pro forma adjustments under present rates for the twelve months ended December 31, 2019, 2020 and 2021. Schedules 7 and 8 set forth the application of present and proposed rates to the detailed consumption analysis and billing determinants. Schedule 9 sets forth the comparison of customer bills under present and proposed rates.

PRESENT RATE APPLICATION

Schedule 5 summarizes the pro forma revenues under present rates. Column 2 presents the revenues per books, net of DSIC and TCJA surcharges. Column 3 presents the revenues from the application of base rates in effect during the test year for each rate zone to the detailed consumption analysis for the twelve months ended December 31,

2019. The application of rates for the various rate zones and customer classifications is summarized in Schedule 6, from the application of present rates in Schedule 7. The adjustment factor in column 4 is calculated by dividing column 2 by column 3.

Column 5 of Schedule 5 is the result of applying the adjustment factor in column 4 to the revenues in column 3. The application of present base rates to the pro forma historic and future test years adjustments of number of bills and consumption is presented in Schedule 8, summarized in Schedule 6 and brought forward to column 6 of Schedule 3. Columns 7 and 8 represent the annualization of DSIC and TCJA Surcharges. Columns 5, 6, 7 and 8 are added together to arrive at the total pro forma revenues under present rates in column 9.

2021 RATE APPLICATION

Schedule 3 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2021 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 3 sets forth the pro forma revenues under present rates brought forward from column 9 of Schedule 5. Column 3 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 7 and summarized in Schedule 4. The adjustment factor is applied to the revenues in column 3 to determine the proposed revenues in column 5. Column 6 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8 and summarized in Schedule 4. Column 7 is the sum of columns 5 and 6 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 8 by subtracting the pro forma revenues under present rates in column 2 from the pro forma revenues under proposed rates in column 6. The percent increase is shown in column 9.

2022 RATE APPLICATION

Schedule 1 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2022 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 7 of Schedule 3. Column 3 adjusts these revenues for 2022 revenue adjustments under 2021 rates and is added to column 2 to develop pro forma revenues under 2021 rates as of December 31, 2022 in column 4. Column 5 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 7 and summarized in Schedule 2. The adjustment factor is applied to the revenues in column 6 to determine the proposed revenues in column 7. Column 8 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8, and summarized in Schedule 2. Column 9 is the sum of columns 7 and 8 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 10 by subtracting the pro forma revenues under present rates in column 4 from the pro forma revenues under proposed rates in column 9. The percent increase is shown in column 11.

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES

Schedule 9 presents a comparison of customers' bills under present and 2021 rates and a comparison of customers' bills under 2021 rates and 2022 rates at various consumption levels for the residential classification. For the purposes of this comparison, the bills under present rates include the DSIC surcharge at 5.00% and a TCJA surcharge of -5.47%.

PENNSYLVANIA-AMERICAN WATER COMPANY
 SCRANTON WASTEWATER OPERATIONS
 SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021 AND 2022
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER 2022 RATES

Customer Classification (1)	Pro Forma Revenue, 2021 Rates (Schedule 3)	Pro Forma Adjustments 2021 Rates (Schedule 4)	Pro Forma Revenue, 2021 Rates As of 2022 (4)	Bill Analysis Revenue, 2022 Rates (Schedule 2)	Adjustment Factor (Sch 5, col 4) (6)	Revenue Under Proposed Rates (7)=(6)X(5)	2022 Pro Forma Adjustments Proposed (Schedule 2) (8)	Total Pro Forma Revenue Under Proposed Rates (9)=(8)+(7)	2022 Increase (10)=(9)-(4)	Percent Increase (11)
	METERED SALES									
Residential	14,646,246	(292,291)	\$ 14,353,955	\$ 15,305,482	0.999733	\$ 15,301,397	\$ (813,552)	\$ 14,487,845	\$ 133,890	0.9%
Commercial	9,112,610	(41,758)	9,070,852	9,231,978	1.000149	9,233,352	(28,757)	9,204,595	133,743	1.5%
Industrial	1,237,720	-	1,237,720	1,122,959	1.000001	1,122,960	135,661	1,258,621	20,901	1.7%
Municipal	1,068,572	(292,291)	776,281	1,079,903	0.995094	1,074,605	10,036	1,084,641	308,360	39.7%
Total Sales	26,065,147	(626,340)	25,438,807	26,740,322		26,732,314	(696,612)	\$ 26,035,702	\$ 596,894	
IPP Surcharge	10,017		10,017	10,017		10,017		\$ 10,017	-	
Other Operating Revenues	222,100	(2,085)	220,015	220,015		220,015	16,801	236,816	16,801	
Total	\$ 26,297,265	\$ (628,425)	\$ 25,668,840	\$ 26,970,354		\$ 26,962,346	\$ (679,811)	\$ 26,282,535	\$ 613,695	

PENNSYLVANIA-AMERICAN WATER COMPANY
 SCRANTON WASTEWATER OPERATIONS
 SUMMARY OF APPLICATION OF 2022 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2022

Wastewater Area	Sch. Ref.	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Total (6)
<u>Present Rate Application</u>						
Scranton WW		\$ 15,305,482	\$ 9,231,978	\$ 1,122,959	\$ 1,079,903	\$ 26,740,322
Total		<u>15,305,482</u>	<u>9,231,978</u>	<u>1,122,959</u>	<u>1,079,903</u>	<u>26,740,322</u>
<u>Proforma Adjustments</u>						
Scranton WW		(813,552)	(28,757)	135,661	10,036	(696,612)
Total Adjustments		<u>(813,552)</u>	<u>(28,757)</u>	<u>135,661</u>	<u>10,036</u>	<u>(696,612)</u>
Total Pro Forma 2022 Revenue		<u>15,305,482</u>	<u>9,231,978</u>	<u>1,122,959</u>	<u>1,079,903</u>	<u>26,740,322</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
 SCRANTON WASTEWATER OPERATIONS
 SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER PROPOSED RATES

Customer Classification (1)	Pro Forma Revenue Present Rates (Schedule 5) (2)	Bill Analysis Revenue, 2021 Rates (Schedule 4) (3)	Adjustment Factor (Sch 5, col 4) (4)	Revenue 2021 Rates (5)=(4)X(3) (5)	2020-2021 Pro Forma Adjustments Proposed Rates (Schedule 4) (6)	Total Pro Forma Revenue 2021 Rates (7)=(6)+(5) (7)	2021 Increase (8)=(7)-(2) (8)	Percent Increase (9) (9)
	METERED SALES							
Residential	13,423,016	\$ 15,159,997	0.999733	\$ 15,155,951	\$ (509,705)	\$ 14,646,246	\$ 1,223,230	9.1%
Commercial	7,923,262	9,097,757	1.000149	9,099,111	13,499	9,112,610	1,189,349	15.0%
Industrial	1,060,618	1,104,335	1.000001	1,104,336	133,384	1,237,720	177,102	16.7%
Municipal	898,851	1,063,859	0.995094	1,058,640	9,932	1,068,572	169,721	18.9%
Total Sales	23,305,747	26,425,948		26,418,037	(352,890)	26,065,147	2,759,401	
IPP Surcharge	10,017	10,017		10,017		10,017	-	
Other Operating Revenues	152,010	152,010		152,010	70,090	222,100	70,090	
Total	\$ 23,467,774	\$ 26,587,975		\$ 26,580,065	\$ (282,800)	\$ 26,297,265	\$ 2,829,491	

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF 2021 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Sch. Ref. (2)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Total (6)
<u>Present Rate Application</u>						
Scranton WW		\$ 15,159,997	\$ 9,097,757	\$ 1,104,335	\$ 1,063,859	\$ 26,425,948
Total		<u>15,159,997</u>	<u>9,097,757</u>	<u>1,104,335</u>	<u>1,063,859</u>	<u>26,425,948</u>
<u>2021 Proforma Adjustments</u>						
Scranton WW		(509,705)	13,499	133,384	9,932	(352,890)
Total Adjustments		<u>(509,705)</u>	<u>13,499</u>	<u>133,384</u>	<u>9,932</u>	<u>(352,890)</u>
Total Pro Forma 2021 Revenue		<u>14,650,292</u>	<u>9,111,256</u>	<u>1,237,719</u>	<u>1,073,791</u>	<u>26,073,058</u>
<u>2022 Proforma Adjustments Under 2021 Rates</u>						
Scranton WW		(292,291)	(41,758)	-	(292,291)	(626,340)
Total Adjustments		<u>(292,291)</u>	<u>(41,758)</u>	<u>-</u>	<u>(292,291)</u>	<u>(626,340)</u>
Total Pro Forma 2021 Revenue		<u>14,358,001</u>	<u>9,069,498</u>	<u>1,237,719</u>	<u>781,500</u>	<u>25,446,718</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification (1)	Adjusted Revenues, Per Books Present Rates 12/31/2019 (a)	Bill Analysis Revenues, Present Rates (Schedule 3)	Adjustment Factor (4)=(2)/(3)	Revenues Under Present Rates (5)=(4)X(3)	Pro Forma Adjustments Present Rates (Schedule 4)	Add Annualized DSIC Revenue (7)	Include TCJA Surcharge (8)	Total Present Rate Revenue (9)=(5)+(6)+(7)+(8)
	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)	(8)	(9)=(5)+(6)+(7)+(8)
METERED SALES								
Residential	13,986,865	\$ 13,990,599	0.999733	\$ 13,986,865	\$ (447,095)	\$ 647,900	\$ (764,654)	\$ 13,423,016
Commercial	7,967,861	7,966,675	1.000149	7,967,861	11,546	379,000	(435,145)	7,923,262
Industrial	1,309,828	1,309,827	1.000001	1,309,828	(248,502)	50,440	(51,149)	1,060,618
Municipal	869,540	873,827	0.995094	869,540	31,711	42,802	(45,202)	898,851
Total Sales	24,134,093	24,140,927		24,134,093	(652,340)	1,120,142	(1,296,149)	\$ 23,305,747
IPP Surcharge	10,017	10,017		10,017				10,017
Other Operating Revenues	161,444	161,444		161,444	(9,434)			152,010
Total	\$ 24,305,555	\$ 24,312,388		\$ 24,305,555	\$ (661,774)	\$ 1,120,142	\$ (1,296,149)	\$ 23,467,774

(a) Excludes DSIC, TCJA and Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
 SCRANTON WASTEWATER OPERATIONS
 SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

<u>Wastewater Area</u> (1)	<u>Residential</u> (2)	<u>Commercial</u> (3)	<u>Industrial</u> (4)	<u>Municipal</u> (5)	<u>Total</u> (6)
<u>Present Rate Application</u>					
Scranton WW	\$ 13,990,599	\$ 7,966,675	\$ 1,309,827	\$ 873,827	\$ 24,140,927
Total	<u>13,990,599</u>	<u>7,966,675</u>	<u>1,309,827</u>	<u>873,827</u>	<u>24,140,927</u>
<u>Proforma Adjustments</u>					
Scranton WW	(447,095)	11,546	(248,502)	31,711	(652,340)
	<u>(447,095)</u>	<u>11,546</u>	<u>(248,502)</u>	<u>31,711</u>	<u>(652,340)</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Rate (6)	2021 Revenue (7)	2022 Rate (6)	2022 Revenue (7)
<u>Residential - Monthly</u>								
Customer Charge	335,318	-	\$ 19.50	\$ 6,538,700	\$ 19.50	\$ 6,538,700	\$ 19.50	\$ 6,538,700
Low Income	11,297	-	15.60	176,233	13.65	154,204	13.65	154,204
Subtotal	346,615	-		6,714,933		6,692,904		6,692,904
All Usage		11,419,742	0.6173	7,049,407	0.7212	8,235,918	0.7336	8,377,523
Low Income - Usage	-	446,960	0.4938	220,727	0.5048	225,643	0.5135	229,523
Subtotal	-	11,866,702		7,270,134		8,461,561		8,607,046
Total Metered Residential	346,615	11,866,702	\$ 41.91	\$ 13,985,067	\$ 41.91	\$ 15,154,465	\$ 41.91	\$ 15,299,950
Flat Rate	132			5,532		5,532		5,532
Total Residential	346,747	11,866,702		13,990,599		15,159,997		15,305,482
<u>Commercial - Non-Apartments - Monthly</u>								
Customer Charge	35,799	-	19.50	698,077	19.50	698,077	19.50	698,077
Up to 5,000 gallons		524,568	0.6173	323,816	0.7212	378,319	0.7336	384,823
Over 5,000 gallons		5,156,214	0.8871	4,574,077	1.0365	5,344,415	1.0542	5,435,680
Subtotal	-	5,680,782		4,897,893		5,722,734		5,820,503
Total	35,799	5,680,782		5,595,970		6,420,811		6,518,580
<u>Commercial - Landfill - Monthly</u>								
Customer Charge	12	-	19.50	234	19.50	234	19.50	234
Up to 5,000 gallons		600	0.6173	370	0.7212	433	0.7336	440
Over 5,000 gallons		739,022	0.8871	655,586	1.0365	765,996	1.0542	779,077
Subtotal	-	739,622		655,956		766,429		779,517
Total	12	739,622		656,190		766,663		779,751

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Rate (6)	2021 Revenue (7)	2022 Rate (6)	2022 Revenue (7)
<u>Commercial - Apartments - Monthly</u>								
Customer Charge	28,277		\$ 19.50	551,402	\$ 19.50	551,402	\$ 19.50	551,402
All Usage Subtotal	-	1,884,194	0.6173	1,163,113	0.7212	1,358,881	0.7336	1,382,245
Total	28,277	1,884,194	\$	1,714,515	\$	1,910,283	\$	1,933,647
Total Commercial	64,088	8,304,598		7,966,675		9,097,757		9,231,978
<u>Industrial - Non-Apartments - Monthly</u>								
Customer Charge	335	-	19.50	6,525	19.50	6,525	19.50	6,525
Up to 5,000 gallons Over 5,000 gallons Back Bill Subtotal	-	13,956 1,030,656 1,044,612	0.6173 0.8871	8,615 914,295 1,285,587	0.7212 1.0365	10,065 1,068,275 1,078,340	0.7336 1.0542	10,238 1,086,517 1,096,755
Total	335	1,044,612		1,292,112		1,084,865		1,103,280
<u>Industrial - Apartments - Monthly</u>								
Customer Charge	204		\$ 19.50	3,978	\$ 19.50	3,978	\$ 19.50	3,978
All Usage Subtotal	-	16,894	0.6173	10,429	0.7212	12,184	0.7336	12,393
Total	204	16,894	83	14,407	\$	16,162	\$	16,371
Sucharges IPP			\$	2,058	\$	2,058	\$	2,058
Total Industrial	539	1,061,506	\$	1,309,827	\$	1,104,335	\$	1,122,959

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Rate (6)	2021 Revenue (7)	2022 Rate (6)	2022 Revenue (7)
Public - at Rate R								
Customer Charge	170	-	\$ 19.50	\$ 3,315	\$ 19.50	\$ 3,315	\$ 19.50	\$ 3,315
All Usage	-	19,409	0.6173	11,981	0.7212	13,998	0.7336	14,238
Subtotal	-	19,409		11,981		13,998		14,238
Total	170	19,409	114	\$ 15,296	\$	17,313	\$	17,553
Public Billed at Rate C								
Customer Charge	6,273	-	19.50	122,318	19.50	122,318	19.50	122,318
Up to 5,000 gallons		252,083	0.6173	155,611	0.7212	181,802	0.7336	184,928
Over 5,000 gallons		716,282	0.8871	635,414	1.0365	742,426	1.0542	755,104
Bill Credits				(54,812)		-		-
Subtotal	-	968,364		736,213		924,228		940,032
Total	6,273	968,364	154	858,531		1,046,546		1,062,350
Total Public	6,443	987,773	153	873,827		1,063,859		1,079,903
Total System	417,816	22,220,579		\$ 24,140,927		26,425,948		26,740,322

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENT AS OF DECEMBER 31, 2019-2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Rate (6)	2021 Revenue (7)	2022 Rate (6)	2022 Revenue (7)
<u>Residential - Monthly</u>								
Customer Charge	(3,852)	-	\$ 19.50	\$ (75,114)	\$ 19.50	\$ (75,114)	\$ 19.50	\$ (75,114)
Low Income	(3,852)	-	15.60	(75,114)	13.65	(75,114)	13.65	(75,114)
Subtotal								
All Usage	-	(602,594)	0.6173	(371,981)	0.7212	(434,591)	0.7336	(442,063)
Low Income - Usage	-	(602,594)	0.4938	(371,981)	0.5048	(434,591)	0.5135	(442,063)
Subtotal								
Total Metered Residential	(3,852)	(602,594)	\$	(447,095)	\$	(509,705)	\$	(517,177)
Flat Rate			\$ 41.91	-	\$ 41.91	-	\$ 41.91	-
Total Residential	(3,852)	(602,594)		(447,095)		(509,705)		(517,177)
<u>Commercial - Non-Apartments - Monthly</u>								
Customer Charge	-	(26,677)	19.50	-	19.50	-	19.50	-
Up to 5,000 gallons	-	(130,510)	0.6173	(80,564)	0.7212	(94,124)	0.7336	(95,742)
Over 5,000 gallons	-	103,833	0.8871	92,110	1.0365	107,623	1.0542	109,461
Subtotal		(26,677)		11,546		13,499		13,719
Total	-	(26,677)		11,546		13,499		13,719
Total Commercial	-	(26,677)		11,546		13,499		13,719

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENT AS OF DECEMBER 31, 2019-2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Rate (6)	2021 Revenue (7)	2022 Rate (6)	2022 Revenue (7)
<u>Industrial - Non-Apartments - Monthly</u>								
Customer Charge	6		19.50	117	19.50	117	19.50	117
Up to 5,000 gallons		350	0.6173	216	0.7212	252	0.7336	257
Over 5,000 gallons		128,331	0.8871	113,842	1.0365	133,015	1.0542	135,287
Back Bill Adjustment				(362,677)				
Subtotal	-	128,681		(248,619)		133,267		135,544
Total	6	128,681		(248,502)		133,384		135,661
Total Industrial	6	128,681		\$ (248,502)		\$ 133,384		\$ 135,661
<u>Public Billed at Rate C</u>								
Customer Charge	203		19.50	3,959	19.50	3,959	19.50	3,959
Up to 5,000 gallons		7,283	0.6173	4,496	0.7212	5,252	0.7336	5,343
Over 5,000 gallons		696	0.8871	617	1.0365	721	1.0542	734
Bill Credits				22,639				
Subtotal	-	7,979		27,752		5,973		6,077
Total	203	7,979		31,711		9,932		10,036
Total Public	203	7,979		31,711		9,932		10,036
Total System	(3,643)	(492,611)		\$ (652,340)		(352,890)		(357,761)

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENT AS OF DECEMBER 31, 2022

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Rate (6)	2021 Revenue (7)	2022 Rate (6)	2022 Revenue (7)
<u>Residential - Monthly</u>								
Customer Charge	(2,808)	-	\$ 19.50	\$ (54,756)	\$ 19.50	\$ (54,756)	\$ 19.50	\$ (54,756)
Low Income			15.60	-	13.65	-	13.65	-
Subtotal	(2,808)	-		(54,756)		(54,756)		(54,756)
All Usage		(329,361)	0.6173	(203,315)	0.7212	(237,535)	0.7336	(241,619)
Low Income - Usage			0.4938	-	0.5048	-	0.5135	-
Subtotal	-	(329,361)		(203,315)		(237,535)		(241,619)
Total Metered Residential	(2,808)	(329,361)		\$ (258,071)		(292,291)		\$ (296,375)
Flat Rate			\$ 41.91	\$ -	\$ 41.91	\$ -	\$ 41.91	\$ -
Total Residential	(2,808)	(329,361)		(258,071)		(292,291)		(296,375)
<u>Commercial - Non-Apartments - Monthly</u>								
Customer Charge			19.50	-	19.50	-	19.50	-
Up to 5,000 gallons		(57,901)	0.6173	(35,742)	0.7212	(41,758)	0.7336	(42,476)
Over 5,000 gallons			0.8871	-	1.0365	-	1.0542	-
Subtotal	-	(57,901)		(35,742)		(41,758)		(42,476)
Total	-	(57,901)		(35,742)		(41,758)		(42,476)
Total Commercial	-	(57,901)		(35,742)		(41,758)		(42,476)

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENT AS OF DECEMBER 31, 2022

<u>Rate Block 100 Gallons</u> (1)	<u>Number Of Bills</u> (2)	<u>Total Consumption</u> (3)	<u>Present Rate</u> (4)	<u>Revenue</u> (5)	<u>2021 Rate</u> (6)	<u>2021 Revenue</u> (7)	<u>2022 Rate</u> (6)	<u>2022 Revenue</u> (7)
Total System	<u>(2,808)</u>	<u>(387,262)</u>		<u>\$ (293,813)</u>		<u>(334,049)</u>		<u>(338,851)</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 3 - SCRANTON

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$19.35	\$19.50	\$0.15	0.77%
1,000	\$25.49	\$26.71	\$1.23	4.81%
2,000	\$31.61	\$33.92	\$2.31	7.32%
3,000	\$37.74	\$41.14	\$3.40	9.01%
3,458 *	\$40.55	\$44.44	\$3.89	9.60%
4,000	\$43.86	\$48.35	\$4.49	10.23%
5,000	\$50.00	\$55.56	\$5.56	11.13%
6,000	\$56.12	\$62.77	\$6.65	11.85%
7,000	\$62.25	\$69.98	\$7.74	12.43%
8,000	\$68.37	\$77.20	\$8.83	12.91%
9,000	\$74.49	\$84.41	\$9.91	13.31%
10,000	\$80.63	\$91.62	\$10.99	13.63%
11,000	\$86.75	\$98.83	\$12.08	13.92%
12,000	\$92.88	\$106.04	\$13.17	14.17%
13,000	\$99.00	\$113.26	\$14.25	14.40%
14,000	\$105.14	\$120.47	\$15.33	14.58%
15,000	\$111.26	\$127.68	\$16.42	14.75%
16,000	\$117.39	\$134.89	\$17.50	14.91%
17,000	\$123.51	\$142.10	\$18.59	15.05%
18,000	\$129.65	\$149.32	\$19.67	15.17%
19,000	\$135.77	\$156.53	\$20.76	15.29%
20,000	\$141.90	\$163.74	\$21.84	15.39%
25,000	\$172.53	\$199.80	\$27.27	15.81%
30,000	\$203.16	\$235.86	\$32.70	16.09%
35,000	\$233.81	\$271.92	\$38.11	16.30%
40,000	\$264.44	\$307.98	\$43.54	16.46%
45,000	\$295.08	\$344.04	\$48.96	16.59%
50,000	\$325.71	\$380.10	\$54.39	16.70%

* Average monthly bill.

** Present Bill includes -5.47% TCJA and 5.00% DSIC.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 3 - SCRANTON

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$19.50	\$19.50	\$0.00	0.00%
1,000	\$26.71	\$26.84	\$0.12	0.46%
2,000	\$33.92	\$34.17	\$0.25	0.73%
3,000	\$41.14	\$41.51	\$0.37	0.90%
3,458 *	\$44.44	\$44.87	\$0.43	0.96%
4,000	\$48.35	\$48.84	\$0.50	1.03%
5,000	\$55.56	\$56.18	\$0.62	1.12%
6,000	\$62.77	\$63.52	\$0.74	1.19%
7,000	\$69.98	\$70.85	\$0.87	1.24%
8,000	\$77.20	\$78.19	\$0.99	1.29%
9,000	\$84.41	\$85.52	\$1.12	1.32%
10,000	\$91.62	\$92.86	\$1.24	1.35%
11,000	\$98.83	\$100.20	\$1.36	1.38%
12,000	\$106.04	\$107.53	\$1.49	1.40%
13,000	\$113.26	\$114.87	\$1.61	1.42%
14,000	\$120.47	\$122.20	\$1.74	1.44%
15,000	\$127.68	\$129.54	\$1.86	1.46%
16,000	\$134.89	\$136.88	\$1.98	1.47%
17,000	\$142.10	\$144.21	\$2.11	1.48%
18,000	\$149.32	\$151.55	\$2.23	1.49%
19,000	\$156.53	\$158.88	\$2.36	1.51%
20,000	\$163.74	\$166.22	\$2.48	1.51%
25,000	\$199.80	\$202.90	\$3.10	1.55%
30,000	\$235.86	\$239.58	\$3.72	1.58%
35,000	\$271.92	\$276.26	\$4.34	1.60%
40,000	\$307.98	\$312.94	\$4.96	1.61%
45,000	\$344.04	\$349.62	\$5.58	1.62%
50,000	\$380.10	\$386.30	\$6.20	1.63%

* Average monthly bill.

**EXHIBIT NO. 12-0 -
REVENUE RATE APPLICATION FOR
MCKEESPORT WASTEWATER CSS OPERATIONS**

PENNSYLVANIA-AMERICAN WATER COMPANY
MECHANICSBURG, PENNSYLVANIA

MCKEESPORT WASTEWATER CSS OPERATIONS
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC
Camp Hill, Pennsylvania

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PENNSYLVANIA-AMERICAN WATER COMPANY

MCKEESPORT WASTEWATER CSS OPERATIONS
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

INTRODUCTION

McKeesport Wastewater CSS Operations is organized into nine schedules. Schedules 1 and 2 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2022. Schedules 3 and 4 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2021. Schedules 5 and 6 summarize the application of present rates to the consumption analysis and the pro forma adjustments under present rates for the twelve months ended December 31, 2019, 2020 and 2021. Schedules 7 and 8 set forth the application of present and proposed rates to the detailed consumption analysis and billing determinants. Schedule 9 sets forth the comparison of customer bills under present and proposed rates.

PRESENT RATE APPLICATION

Schedule 5 summarizes the pro forma revenues under present rates. Column 2 presents the revenues per books, net of DSIC surcharges. Column 3 presents the revenues from the application of base rates in effect during the test year for each rate zone to the detailed consumption analysis for the twelve months ended December 31,

2019. The application of rates for the various customer classifications is summarized in Schedule 6, from the application of present rates in Schedule 7. The adjustment factor in column 4 is calculated by dividing column 2 by column 3.

Column 5 of Schedule 5 is the result of applying the adjustment factor in column 4 to the revenues in column 3. The application of present base rates to the pro forma historic and future test year adjustments of number of bills and consumption is presented in Schedule 8, summarized in Schedule 6 and brought forward to column 6 of Schedule 3. Column 7 represents the annualization of DSIC Surcharge. Columns 5, 6, and 7 are added together to arrive at the total pro forma revenues under present rates in column 8.

2021 RATE APPLICATION

Schedule 3 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2021 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 3 sets forth the pro forma revenues under present rates brought forward from column 8 of Schedule 5. Column 3 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 7 and summarized in Schedule 4. The adjustment factor is applied to the revenues in column 3 to determine the proposed revenues in column 5. Column 6 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8 and summarized in Schedule 4. Column 7 is the sum of columns 5 and 6 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 8 by subtracting the pro forma revenues under present rates in column 2 from the pro forma revenues under proposed rates in column 7. The percent increase is shown in column 9.

2022 RATE APPLICATION

Schedule 1 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2022 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 7 of Schedule 3. Column 3 adjusts these revenues for 2022 revenue adjustments under 2021 rates and is added to column 2 to develop pro forma revenues under 2021 rates as of December 31, 2022 in column 4. Column 5 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 7 and summarized in Schedule 2. The adjustment factor is applied to the revenues in column 6 to determine the proposed revenues in column 7. Column 8 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8. Column 9 is the sum of columns 7 and 8 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 10 by subtracting the pro forma revenues under present rates in column 4 from the pro forma revenues under proposed rates in column 9. The percent increase is shown in column 11.

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES

Schedule 9 presents a comparison of customers' bills under present and 2021 rates and a comparison of customers' bills under 2021 rates and 2022 rates at various consumption levels for the residential classification. For the purposes of this comparison, the bills under present rates include the DSIC surcharge at 5.00%.

PENNSYLVANIA-AMERICAN WATER COMPANY
 MCKEESPORT WASTEWATER OPERATIONS
 SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021 AND 2022
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER 2022 RATES

Customer Classification (1)	Pro Forma Revenue, 2021 Rates (Schedule 3) (2)	Pro Forma Adjustments 2021 Rates (Schedule 4) (3)	Pro Forma Revenue, 2021 Rates As of 2022 (4)	Bill Analysis Revenue, 2022 Rates (Schedule 2) (5)	Adjustment Factor (Sch 5, col 4) (6)	Revenue Under Proposed Rates (7)=(6)X(5) (7)	2022		Percent Increase (11)	
							Pro Forma Adjustments Proposed Rates (Schedule 2) (8)	Total Pro Forma Revenue Under Proposed Rates (9)=(8)+(7) (9)		
METERED SALES										
Residential	7,452,190	(119,510)	7,332,680	\$ 8,241,629	0.999867	\$ 8,240,533	\$ (405,560)	\$ 7,834,973	\$ 502,293	6.9%
Commercial	2,403,997	(24,131)	2,379,867	2,642,871	1.000705	2,644,734	(77,960)	2,566,774	186,907	7.9%
Municipal	281,679	-	281,679	303,571	1.000019	303,577	-	303,577	21,898	7.8%
Bulk	4,160,999	-	4,160,999	4,519,540	0.999785	4,518,570	(65,512)	4,453,058	292,059	7.0%
Total Sales	\$ 14,298,866	\$ (143,641)	\$ 14,155,225	\$ 15,707,611		\$ 15,707,415	\$ (549,032)	\$ 15,158,382	\$ 1,003,157	7.1%
Other Operating Revenues	204,207	(897)	203,310	203,310		203,310	487	203,797	487	
Total	\$ 14,503,073	\$ (144,538)	\$ 14,358,535	\$ 15,910,921		\$ 15,910,725	\$ (548,545)	\$ 15,362,179	\$ 1,003,644	

PENNSYLVANIA-AMERICAN WATER COMPANY
 MCKEESPORT WASTEWATER OPERATIONS
 SUMMARY OF APPLICATION OF 2022 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2022

Wastewater Area (1)	Residential (2)	Commercial (3)	Municipal (4)	Bulk (5)	Total (6)
<u>Present Rate Application</u>					
McKeesport WW	\$ 8,241,629	\$ 2,642,871	\$ 303,571	\$ 4,519,540	\$ 15,707,611
Total	<u>8,241,629</u>	<u>2,642,871</u>	<u>303,571</u>	<u>4,519,540</u>	<u>15,707,611</u>
<u>Proforma Adjustments - 2022</u>					
McKeesport WW	(405,560)	(77,960)	-	(65,512)	(549,032)
Total Adjustments	<u>(405,560)</u>	<u>(77,960)</u>	<u>-</u>	<u>(65,512)</u>	<u>(549,032)</u>
Total 2021 Pro Forma Revenue	<u>7,836,069</u>	<u>2,564,910</u>	<u>303,571</u>	<u>4,454,028</u>	<u>15,158,578</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
 MCKEESPORT WASTEWATER OPERATIONS
 SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER PROPOSED RATES

Customer Classification (1)	Pro Forma Revenue, Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue 2021 Rates (5)=(3)X(4)	2020-2021 Pro Forma Adjustments Proposed Rates (Schedule 4)	Total Pro Forma Revenue 2021 Rates (7)=(5)+(6)	2021 Increase (8)=(7)-(2)	Percent Increase (9)
	(2)	(3)	(4)	(5)=(3)X(4)	(6)	(7)=(5)+(6)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	\$ 5,736,969	\$ 7,715,440	0.999867	\$ 7,714,414	\$ (262,224)	\$ 7,452,190	\$ 1,715,222	29.9%
Commercial	2,492,449	2,450,530	1.000705	2,452,258	(48,261)	2,403,997	(88,452)	-3.5%
Municipal	309,024	281,674	1.000019	281,679	-	281,679	(27,345)	-8.8%
Bulk	3,736,092	4,223,121	0.999785	4,222,214	(61,215)	4,160,999	424,907	11.4%
Total Sales	\$ 12,274,534	\$ 14,670,765		\$ 14,670,566	\$ (371,700)	\$ 14,298,866	\$ 2,024,332	16.5%
Other Operating Revenues	94,525	94,525		94,525	109,682	204,207	109,682	
Total	\$ 12,369,059	\$ 14,765,290		\$ 14,765,091	\$ (262,018)	\$ 14,503,073	\$ 2,134,014	

PENNSYLVANIA-AMERICAN WATER COMPANY
 MCKEESPORT WASTEWATER OPERATIONS
 SUMMARY OF APPLICATION OF 2021 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Residential (2)	Commercial (3)	Municipal (4)	Bulk (5)	Total (6)
<u>Present Rate Application</u>					
McKeesport WW	\$ 7,715,440	\$ 2,450,530	\$ 281,674	\$ 4,223,121	\$ 14,670,765
Total	<u>7,715,440</u>	<u>2,450,530</u>	<u>281,674</u>	<u>4,223,121</u>	<u>14,670,765</u>
<u>Proforma Adjustments - 2021</u>					
McKeesport WW	(262,224)	(48,261)	-	(61,215)	(371,700)
Total Adjustments	<u>(262,224)</u>	<u>(48,261)</u>	<u>-</u>	<u>(61,215)</u>	<u>(371,700)</u>
Total 2021 Pro Forma Revenue	<u>7,453,216</u>	<u>2,402,269</u>	<u>281,674</u>	<u>4,161,906</u>	<u>14,299,064</u>
<u>2022 Proforma Adjustments Under 2021 Rates</u>					
McKeesport WW	(119,510)	(24,131)	-	-	(143,641)
Total Adjustments	<u>(119,510)</u>	<u>(24,131)</u>	<u>-</u>	<u>-</u>	<u>(143,641)</u>
Total 2021 Pro Forma Revenue	<u>7,333,706</u>	<u>2,378,138</u>	<u>281,674</u>	<u>4,161,906</u>	<u>14,155,424</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
 MCKEESPORT WASTEWATER OPERATIONS
 SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
 FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

(1) Customer Classification	(2) Adjusted Revenues, Per Books Present Rates 12/31/2019	(3) Bill Analysis Revenues, Present Rates (Schedule 6)	(4)=(2)/(3) Adjustment Factor	(5)=(4)X(3) Revenue Under Present Rates	(6) Pro Forma Adjustments Present Rates (Schedule 6)	(7) Add Annualized DSIC	(8)=(7)+(6)+(5) Total Present Rate Revenue
METERED SALES							
Residential	5,622,046	\$ 5,622,793	0.999867	\$ 5,622,046	\$ (163,154)	\$ 278,077	\$ 5,736,969
Commercial	2,419,967	2,418,262	1.000705	2,419,967	(47,333)	119,815	2,492,449
Municipal	294,309	294,303	1.000019	294,309	-	14,715	309,024
Bulk	3,608,002	3,608,777	0.999785	3,608,002	(52,310)	180,400	3,736,092
Total Sales	\$ 11,944,324	\$ 11,944,135		\$ 11,944,324	\$ (262,797)	\$ 593,007	\$ 12,274,534
Other Operating Revenues	99,944	99,944		99,944	(5,419)	-	94,525
Total	\$ 12,044,268	\$ 12,044,079		\$ 12,044,268	\$ (268,216)	\$ 593,007	\$ 12,369,059

PENNSYLVANIA-AMERICAN WATER COMPANY
 MCKEESPORT WASTEWATER OPERATIONS
 SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Residential (2)	Commercial (3)	Municipal (4)	Bulk (5)	Total (6)
<u>Present Rate Application</u>					
McKeesport WW	\$ 5,622,793	\$ 2,418,262	\$ 294,303	\$ 3,608,777	\$ 11,944,135
Total	<u>5,622,793</u>	<u>2,418,262</u>	<u>294,303</u>	<u>3,608,777</u>	<u>11,944,135</u>
<u>Proforma Adjustments</u>					
McKeesport WW	(163,154)	(47,333)	-	(52,310)	(262,797)
Total Adjustments	<u>(163,154)</u>	<u>(47,333)</u>	<u>-</u>	<u>(52,310)</u>	<u>(262,797)</u>
Total Adjusted Present Revenue	<u>5,459,639</u>	<u>2,370,929</u>	<u>294,303</u>	<u>3,556,467</u>	<u>11,681,338</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Proposed Rate (6)	2021 Proposed Revenue (7)	2022 Proposed Rate (8)	2022 Proposed Revenue (9)
<u>Residential - Monthly</u>								
Customer Charge	93,466		\$ 30.70	\$ 2,869,407	\$ 11.00	\$ 1,028,126	\$ 12.00	\$ 1,121,592
5/8"	1,537		24.56	37,749	7.70	11,835	8.40	12,911
Low Income	385		30.70	11,817	11.00	4,234	12.00	4,619
3/4"	252		76.75	19,377	11.00	2,777	12.00	3,030
1"								
Subtotal	95,640	-		2,938,350		1,046,972		1,142,152
Allowance		1,535,681	-	-	1.7631	2,707,559	1.8754	2,880,016
All Usage	-	1,471,830.20	1.2750	1,876,584	1.7631	2,594,984	1.8754	2,760,270
Low Income	-	37,084	1.0200	37,826	1.2342	45,768	1.3128	48,683
Subtotal	-	3,044,595		1,914,410		5,348,311		5,688,970
Total McKeesport Residential	95,640	3,044,595		4,852,760		6,395,283		6,831,122
<u>Port Vue - Residential - Quarterly</u>								
Customer Charge	6,957	-	\$ 58.05	\$ 403,876	\$ 33.00	\$ 229,594	\$ 36.00	\$ 250,466
All Customers	25	-	46.44	1,161	23.10	578	25.20	630
Low Income								
Allowance		251,783	-	-	1.7631	443,919	1.8754	472,194
All Usage	-	363,694	0.9950	361,875	1.7631	641,228	1.8754	682,071
Low Income	-	3,920	0.7960	3,121	1.2342	4,838	1.3128	5,146
Subtotal	-	619,397		364,996		1,089,985		1,159,411
Total Port Vue Residential	6,982	619,397		770,033		1,320,157		1,410,507
Total Residential	102,623	3,663,992		5,622,793		7,715,440		8,241,629

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Proposed Rate (6)	2021 Proposed Revenue (7)	2022 Proposed Rate (8)	2022 Proposed Revenue (9)
<u>Commercial - Monthly</u>								
Customer Charge	7,407	-	\$ 30.70	\$ 227,391	\$ 27.50	\$ 203,689	\$ 30.00	\$ 222,206
5/8"	153	-	30.70	4,694	27.50	4,205	30.00	4,587
3/4"	1,450	-	76.75	111,310	27.50	39,883	30.00	43,509
1"	757	-	276.30	209,098	27.50	20,811	30.00	22,703
2"	57	-	537.25	30,838	27.50	1,579	30.00	1,722
3"	72	-	721.45	51,728	27.50	1,972	30.00	2,151
4"	25	-	1,458.25	36,821	27.50	694	30.00	758
6"	9,921	-	-	671,880	-	272,833	-	297,636
Subtotal	-	301,162	\$ -	\$ -	1,3000	391,511	1,4000	421,627
Allowance	-	1,348,754	1.2750	1,719,661	1.3000	1,753,380	1.4000	1,888,256
All Usage	-	1,649,916	-	1,719,661	-	2,144,891	-	2,309,882
Subtotal	-	-	-	-	-	-	-	-
Total McKeesport Commercial	9,921	1,649,916	-	2,391,541	-	2,417,724	-	2,607,518
<u>Port Vue - Commercial - Quarterly</u>								
Customer Charge	49	-	\$ 58.05	\$ 2,853	\$ 33.00	\$ 1,622	\$ 36.00	\$ 1,769
All Customers	-	1,922	-	-	1.3000	31,184	1.4000	33,583
Allowance	-	23,988	0.9950	23,868	1.3000	31,184	1.4000	33,583
All Usage	-	25,910	-	23,868	-	31,184	-	33,583
Subtotal	-	-	-	-	-	-	-	-
Total Port Vue Commercial	49	25,910	-	26,721	-	32,806	-	35,352
Total Commercial	9,970	1,675,826	-	2,418,262	-	2,450,530	-	2,642,871
<u>Public - Monthly</u>								
Customer Charge	398	-	\$ 30.70	\$ 12,213	\$ 27.50	\$ 10,940	\$ 30.00	\$ 11,934
5/8"	12	-	30.70	368	27.50	330	30.00	360
3/4"	56	-	76.75	4,283	27.50	1,535	30.00	1,674
1"	96	-	276.30	26,530	27.50	2,641	30.00	2,881
2"	0	-	537.25	-	27.50	-	30.00	-
3"	24	-	721.45	17,575	27.50	670	30.00	731
4"	0	-	1,458.25	-	27.50	-	30.00	-
6"	586	-	-	60,969	-	16,116	-	17,580
Subtotal	-	20,833	\$ -	\$ -	1.3000	27,083	1.4000	29,166
Allowance	-	181,712	1.2750	231,683	1.3000	236,226	1.4000	254,397
All Usage	-	202,545	-	231,683	-	263,309	-	283,563
Subtotal	-	-	-	-	-	-	-	-
Total McKeesport Public	586	202,545	-	292,652	-	279,425	-	301,143

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Proposed Rate (6)	2021 Proposed Revenue (7)	2022 Proposed Rate (8)	2022 Proposed Revenue (9)
<u>Port Vue - Public - Quarterly</u>								
Customer Charge All Customers	13		\$ 58.05	\$ 755	\$ 33.00	\$ 429	\$ 36.00	\$ 468
All Usage	-	500	\$ -	\$ -	1.3000	650	1.4000	700
Low Income	-	900	0.9950	896	1.3000	1,170	1.4000	1,260
Subtotal	-	1,400		896		1,820		1,960
Total Port Vue Public	13	1,400		1,651		2,249		2,428
Total Public	599	203,945		294,303		281,674		303,571
<u>Bulk - Monthly</u>								
Customer Charge	11		\$ 30.70	\$ 338	\$ 35.90	\$ 395	\$ 38.40	\$ 422
Flat Rate	77		50.40	3,881	59.00	4,543	63.10	4,859
Flat Rate	168		151.20	25,402	176.90	29,719	189.30	31,802
Subtotal	256	-		29,621		34,657		37,083
Allowance Usage @ \$.84 per 100 Gallons	-	240	-	3,564.198	0.9830	4,170.960	1.0520	4,463.733
Usage @ \$1.275 per 100 Gallons	-	11,732	1.2750	14,958	1.4920	17,504	1.5960	18,724
Subtotal	-	4,254,824		3,579,156		4,188,464		4,482,457
Total Bulk	256	4,254,824		3,608,777		4,223,121		4,519,540
Total McKeesport	113,448	9,798,588		11,944,135		14,670,765		15,707,611

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2021

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Proposed Rate (6)	2021 Proposed Revenue (7)	2022 Proposed Rate (8)	2022 Proposed Revenue (9)
<u>Residential - Monthly</u>								
Customer Charge								
5/8"	1,164		\$ 30.70	\$ 35,735	\$ 11.00	\$ 12,804	\$ 12.00	\$ 13,968
3/4"			30.70	-	11.00	-	12.00	-
1"			76.75	-	11.00	-	12.00	-
Low Income Subtotal	1,164	0	24.56	-	7.70	-	8.40	-
				35,735		12,804		13,968
Allowance		23,280						
All Usage	-	(155,991)	1.2750	(198,889)	1.7631	(275,028)	-	(292,546)
Low Income Subtotal	-	(132,711)	1.0200	-	1.2342	(275,028)	1.3128	(292,546)
Total McKeesport Residential	1,164	(132,711)		(163,154)		(262,224)		(278,578)
<u>Port Vue - Residential - Quarterly</u>								
Customer Charge								
All Customers	-	-	\$ 58.05	\$ -	\$ 33.00	\$ -	\$ 36.00	\$ -
Low Income	-	-	46.44	-	26.40	-	28.80	-
Allowance								
All Usage	-	-	0.9950	-	1.7631	-	1.8754	-
Low Income Subtotal	-	-	0.7960	-	1.2342	-	1.3128	-
Total Port Vue Residential	-	-		-		-		-
Total Residential	1,164	(132,711)		(163,154)		(262,224)		(278,578)

PENNSYLVANIA-AMERICAN WATER COMPANY
 MCKEESPORT WASTEWATER OPERATIONS
 AS OF DECEMBER 31, 2021
 APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Proposed Rate (6)	2021 Proposed Revenue (7)	2022 Proposed Rate (8)	2022 Proposed Revenue (9)
<u>Commercial - Monthly</u>								
Customer Charge								
5/8"			\$ 30.70	\$ -	27.50	\$ -	30.00	\$ -
3/4"			30.70	-	27.50	-	30.00	-
1"			76.75	-	27.50	-	30.00	-
2"			276.30	-	27.50	-	30.00	-
3"			537.25	-	27.50	-	30.00	-
4"			721.45	-	27.50	-	30.00	-
6"			1,458.25	-	27.50	-	30.00	-
Subtotal	0	0						
Allowance								
All Usage	-	(37,124)	\$ 1.2750	(47,333)	1.3000	(48,261)	1.4000	(51,974)
Subtotal	-	(37,124)		(47,333)		(48,261)		(51,974)
Total McKeesport Commercial	0	(37,124)		(47,333)		(48,261)		(51,974)
Total Commercial	0	(37,124)		(47,333)		(48,261)		(51,974)
<u>Bulk - Monthly</u>								
Customer Charge								
Flat Rate			\$ 30.70	\$ -	35.90	\$ -	38.40	\$ -
Flat Rate	7	0	50.40	353	59.00	413	63.10	442
Subtotal	7	0		353		413		442
Usage @ \$.84 per 100 Gallons	-	(62,694)	0.8400	(52,663)	0.9830	(61,628)	1.0520	(65,954)
Usage @ \$1.275 per 100 Gallons	-	(62,694)	1.2750	-	1.4920	-	1.5960	-
Subtotal	-	(62,694)		(52,663)		(61,628)		(65,954)
Total Bulk	7	(62,694)		(52,310)		(61,215)		(65,512)
Total McKeesport	1,171	(232,529)		(262,797)		(371,700)		(396,063)

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2022

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Proposed Rate (6)	2021 Proposed Revenue (7)	2022 Proposed Rate (8)	2022 Proposed Revenue (9)
<u>Residential - Monthly</u>								
Customer Charge	468		\$ 30.70	\$ 14,368	\$ 11.00	\$ 5,148	\$ 12.00	\$ 5,616
5/8"			30.70	-	11.00	-	12.00	-
3/4"			76.75	-	11.00	-	12.00	-
1"			24.56	-	8.80	-	8.40	-
Low Income Subtotal	468	0		14,368		5,148		5,616
Allowance		9,360						
All Usage	-	(80,064)	1.2750	(102,082)	1.7631	16,503	1.8754	17,554
Low Income	-		1.0200	-	1.4105	(141,161)	1.8754	(150,152)
Subtotal	-	(70,704)		(102,082)		(124,658)	1.5003	(132,598)
Total McKeesport Residential	468	(70,704)		(87,714)		(119,510)		(126,982)
Total Residential	468	(70,704)		(87,714)		(119,510)		(126,982)

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2022

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	2021 Proposed Rate (6)	2021 Proposed Revenue (7)	2022 Proposed Rate (8)	2022 Proposed Revenue (9)
Commercial - Monthly								
Customer Charge			\$ 30.70	\$ -	\$ 27.50	\$ -	\$ 30.00	\$ -
5/8"			30.70	-	27.50	-	30.00	-
3/4"			76.75	-	27.50	-	30.00	-
1"			276.30	-	27.50	-	30.00	-
2"			537.25	-	27.50	-	30.00	-
3"			721.45	-	27.50	-	30.00	-
4"			1,458.25	-	27.50	-	30.00	-
6"				-		-		-
Subtotal	0	0						
Allowance All Usage Subtotal	-	(18,562)	\$ 1.2750	(23,667)	\$ 1.3000	(24,131)	1.4000	(25,987)
Total McKeesport Commercial	0	(18,562)		(23,667)		(24,131)		(25,987)
Total Commercial	0	(18,562)		(23,667)		(24,131)		(25,987)
Total Public	0	0		0		0		0
Total McKeesport	468	(89,266)		(111,381)		(143,641)		(152,969)

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 6 - MCKEESPORT

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$32.24	\$11.00	-\$21.24	-65.88%
1,000	\$32.24	\$28.63	-\$3.60	-11.18%
2,000	\$32.24	\$46.26	\$14.03	43.51%
3,000	\$45.62	\$63.89	\$18.27	40.05%
3,458 *	\$51.75	\$71.97	\$20.21	39.06%
4,000	\$59.01	\$81.52	\$22.51	38.15%
5,000	\$72.40	\$99.16	\$26.76	36.96%
6,000	\$85.79	\$116.79	\$31.00	36.14%
7,000	\$99.17	\$134.42	\$35.24	35.54%
8,000	\$112.56	\$152.05	\$39.49	35.08%
9,000	\$125.95	\$169.68	\$43.73	34.72%
10,000	\$139.34	\$187.31	\$47.98	34.43%
11,000	\$152.72	\$204.94	\$52.22	34.19%
12,000	\$166.11	\$222.57	\$56.46	33.99%
13,000	\$179.50	\$240.20	\$60.71	33.82%
14,000	\$192.89	\$257.83	\$64.95	33.67%
15,000	\$206.27	\$275.47	\$69.19	33.54%
16,000	\$219.66	\$293.10	\$73.44	33.43%
17,000	\$233.05	\$310.73	\$77.68	33.33%
18,000	\$246.44	\$328.36	\$81.92	33.24%
19,000	\$259.82	\$345.99	\$86.17	33.16%
20,000	\$273.21	\$363.62	\$90.41	33.09%
25,000	\$340.15	\$451.78	\$111.63	32.82%
30,000	\$407.09	\$539.93	\$132.85	32.63%
35,000	\$474.02	\$628.09	\$154.06	32.50%
40,000	\$540.96	\$716.24	\$175.28	32.40%
45,000	\$607.90	\$804.40	\$196.50	32.32%
50,000	\$674.84	\$892.55	\$217.72	32.26%

* Average monthly bill.

** Present Bill includes 5.00% DSIC.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 6 - PORT VUE

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$20.32	\$11.00	-\$9.32	-45.86%
1,000	\$20.32	\$28.63	\$8.31	40.92%
2,000	\$26.59	\$46.26	\$19.68	74.01%
3,000	\$37.03	\$63.89	\$26.86	72.53%
3,458 *	\$41.82	\$71.97	\$30.15	72.10%
4,000	\$47.48	\$81.52	\$34.04	71.70%
5,000	\$57.93	\$99.16	\$41.23	71.17%
6,000	\$68.38	\$116.79	\$48.41	70.80%
7,000	\$78.82	\$134.42	\$55.59	70.53%
8,000	\$89.27	\$152.05	\$62.78	70.32%
9,000	\$99.72	\$169.68	\$69.96	70.16%
10,000	\$110.17	\$187.31	\$77.14	70.03%
11,000	\$120.61	\$204.94	\$84.33	69.92%
12,000	\$131.06	\$222.57	\$91.51	69.82%
13,000	\$141.51	\$240.20	\$98.69	69.74%
14,000	\$151.96	\$257.83	\$105.88	69.68%
15,000	\$162.40	\$275.47	\$113.06	69.62%
16,000	\$172.85	\$293.10	\$120.25	69.57%
17,000	\$183.30	\$310.73	\$127.43	69.52%
18,000	\$193.75	\$328.36	\$134.61	69.48%
19,000	\$204.19	\$345.99	\$141.80	69.44%
20,000	\$214.64	\$363.62	\$148.98	69.41%
25,000	\$266.88	\$451.78	\$184.90	69.28%
30,000	\$319.12	\$539.93	\$220.81	69.20%
35,000	\$371.35	\$628.09	\$256.73	69.13%
40,000	\$423.59	\$716.24	\$292.65	69.09%
45,000	\$475.83	\$804.40	\$328.57	69.05%
50,000	\$528.07	\$892.55	\$364.48	69.02%

* Average monthly bill.

** Present Bill includes 5.00% DSIC.

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 6 - MCKEESPORT AND PORT VUE

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$11.00	\$12.00	\$1.00	9.09%
1,000	\$28.63	\$30.75	\$2.12	7.42%
2,000	\$46.26	\$49.51	\$3.25	7.02%
3,000	\$63.89	\$68.26	\$4.37	6.84%
3,458 *	\$71.97	\$76.85	\$4.88	6.79%
4,000	\$81.52	\$87.02	\$5.49	6.74%
5,000	\$99.16	\$105.77	\$6.61	6.67%
6,000	\$116.79	\$124.52	\$7.74	6.63%
7,000	\$134.42	\$143.28	\$8.86	6.59%
8,000	\$152.05	\$162.03	\$9.98	6.57%
9,000	\$169.68	\$180.79	\$11.11	6.55%
10,000	\$187.31	\$199.54	\$12.23	6.53%
11,000	\$204.94	\$218.29	\$13.35	6.52%
12,000	\$222.57	\$237.05	\$14.48	6.50%
13,000	\$240.20	\$255.80	\$15.60	6.49%
14,000	\$257.83	\$274.56	\$16.72	6.49%
15,000	\$275.47	\$293.31	\$17.85	6.48%
16,000	\$293.10	\$312.06	\$18.97	6.47%
17,000	\$310.73	\$330.82	\$20.09	6.47%
18,000	\$328.36	\$349.57	\$21.21	6.46%
19,000	\$345.99	\$368.33	\$22.34	6.46%
20,000	\$363.62	\$387.08	\$23.46	6.45%
25,000	\$451.78	\$480.85	\$29.08	6.44%
30,000	\$539.93	\$574.62	\$34.69	6.42%
35,000	\$628.09	\$668.39	\$40.31	6.42%
40,000	\$716.24	\$762.16	\$45.92	6.41%
45,000	\$804.40	\$855.93	\$51.54	6.41%
50,000	\$892.55	\$949.70	\$57.15	6.40%

* Average monthly bill.

**EXHIBIT NO. 12-P -
REVENUE RATE APPLICATION FOR
KANE WASTEWATER CSS OPERATIONS**

PENNSYLVANIA-AMERICAN WATER COMPANY
MECHANICSBURG, PENNSYLVANIA

KANE WASTEWATER CSS OPERATIONS
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC
Camp Hill, Pennsylvania

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PENNSYLVANIA-AMERICAN WATER COMPANY

KANE WASTEWATER CSS OPERATIONS
APPLICATION OF PRESENT AND PROPOSED RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND PROPOSED RATES
AS OF DECEMBER 31, 2021, AND 2022

INTRODUCTION

Kane Wastewater CSS Operations is organized into nine schedules. Schedules 1 and 2 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2022. Schedules 3 and 4 summarize the application of proposed rates to the consumption analysis for the twelve months ended December 31, 2019, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2021. Schedules 5 and 6 summarize the application of present rates to the consumption analysis and the pro forma adjustments under present rates for the twelve months ended December 31, 2019, 2020 and 2021. Schedules 7 and 8 set forth the application of present and proposed rates to the detailed consumption analysis and billing determinants. Schedule 9 sets forth the comparison of customer bills under present and proposed rates.

PRESENT RATE APPLICATION

Schedule 5 summarizes the pro forma revenues under present rates. Column 2 presents the revenues per books. Column 3 presents the revenues from the application of base rates in effect during the test year for each rate zone to the detailed consumption analysis for the twelve months ended December 31, 2019. The application of rates for

the various customer classifications is summarized in Schedule 6, from the application of present rates in Schedule 7. The adjustment factor in column 4 is calculated by dividing column 2 by column 3.

Column 5 of Schedule 5 is the result of applying the adjustment factor in column 4 to the revenues in column 3. The application of present base rates to the pro forma historic and future test years adjustments of number of bills and consumption is presented in Schedule 8, summarized in Schedule 4 and brought forward to column 6 of Schedule 3. Columns 5 and 6 are added together to arrive at the total pro forma revenues under present rates in column 7.

2021 RATE APPLICATION

Schedule 3 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2021 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 3 sets forth the pro forma revenues under present rates brought forward from column 7 of Schedule 5. Column 3 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 7 and summarized in Schedule 4. The adjustment factor is applied to the revenues in column 3 to determine the proposed revenues in column 5. Column 6 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8, and summarized in Schedule 4. Column 7 is the sum of columns 5 and 6 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 8 by subtracting the pro forma revenues under present rates in column 2 from the pro forma revenues under proposed rates in column 7. The percent increase is shown in column 9.

2022 RATE APPLICATION

Schedule 1 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2022 and determines the revenue increase by customer classification under proposed rates. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 7 of Schedule 3. Column 3 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 7 and summarized in Schedule 2. The adjustment factor is applied to the revenues in column 3 to determine the proposed revenues in column 5. Column 6 shows the results of applying proposed rates to the pro forma adjustments brought forward from Schedule 8 and summarized in Schedule 2. Column 7 is the sum of columns 5 and 6 and is the total pro forma revenues under proposed rates. The proposed increase in revenues is shown in column 8 by subtracting the pro forma revenues under present rates in column 4 from the pro forma revenues under proposed rates in column 7. The percent increase is shown in column 9.

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES

Schedule 9 presents a comparison of customers' bills under present and 2021 rates and a comparison of customers' bills under 2021 rates and 2022 rates at various consumption levels for the residential classification.

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2021 AND 2022
AND THE CALCULATION OF THE REVENUE INCREASE UNDER 2022 RATES

Customer Classification (1)	Pro Forma Revenues 2021 Rates (Schedule 3) (2)	Bill Analysis Revenue, 2022 Rates (Schedule 2) (3)	Adjustment Factor (Sch 5, col 4) (4)	2022		Percent Increase (9)
				Pro Forma Adjustments Proposed Rates (Schedule 2) (6)	Total Pro Forma Revenue Under Proposed Rates (7)=(5)+(6)	
				Revenue Under Proposed Rates (5)=(3)X(4)	2022 Increase (8)=(7)-(2)	
<u>METERED SALES</u>						
Residential	\$ 1,432,176	\$ 1,710,673	1.001645	\$ 1,713,488	\$ 281,312	19.6%
Commercial	282,676	337,648	1.001676	338,214	55,538	19.6%
Industrial	17,183	20,525	1.001638	20,559	3,376	19.6%
Municipal	51,051	60,904	1.002933	61,083	10,031	19.6%
Total Sales	\$ 1,783,086	\$ 2,129,750		\$ 2,133,343	\$ 350,257	
Other Operating Revenues	20,396	20,396		20,396	3,259	16.0%
Total	\$ 1,803,482	\$ 2,150,146		\$ 2,153,739	\$ 353,516	19.6%

PENNSYLVANIA-AMERICAN WATER COMPANY
 KANE WASTEWATER OPERATIONS
 SUMMARY OF APPLICATION OF 2022 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2022

<u>Wastewater Area</u> (1)	<u>Residential</u> (2)	<u>Commercial</u> (3)	<u>Industrial</u> (4)	<u>Municipal</u> (5)	<u>Total</u> (6)
<u>Present Rate Application</u>					
Kane WW	\$ 1,710,673	\$ 337,648	\$ 20,525	\$ 60,904	\$ 2,129,750
Total	<u>1,710,673</u>	<u>337,648</u>	<u>20,525</u>	<u>60,904</u>	<u>2,129,750</u>
<u>Proforma Adjustments</u>					
Kane WW					-
Total Adjustments	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total Pro Forma 2022 Revenues	<u>1,710,673</u>	<u>337,648</u>	<u>20,525</u>	<u>60,904</u>	<u>2,129,750</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
 KANE WASTEWATER OPERATIONS
 SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
 AND THE CALCULATION OF THE REVENUE INCREASE UNDER PROPOSED RATES

Customer Classification (1)	Pro Forma Present Rates (Schedule 5) (2)	Bill Analysis Revenue, 2021 Rates (Schedule 4) (3)	Adjustment Factor (Sch 5, col 4) (4)	Revenue 2021 Rates (5)=(3)X(4)	2020-2021 Pro Forma Adjustments Proposed Rates (Schedule 4) (6)	Total Pro Forma Revenue 2021 Rates (7)=(5)+(6)	2021 Increase (8)=(7)-(2)	Percent Increase (9)
	METERED SALES							
Residential	1,179,875	\$ 1,429,823	1.001645	\$ 1,432,176	\$ -	\$ 1,432,176	\$ 252,301	21.4%
Commercial	231,705	282,203	1.001676	282,676	-	282,676	50,971	22.0%
Industrial	14,084	17,155	1.001638	17,183	-	17,183	3,099	22.0%
Municipal	41,846	50,902	1.002933	51,051	-	51,051	9,205	22.0%
Total Sales	1,467,510	1,780,083		1,783,086		\$ 1,783,086	\$ 315,576	
Other Operating Revenues	9,146	9,146		9,146	11,250	20,396	11,250	123.0%
Total	\$ 1,476,656	\$ 1,789,229		\$ 1,792,232	\$ 11,250	\$ 1,803,482	\$ 326,826	

PENNSYLVANIA-AMERICAN WATER COMPANY
 KANE WASTEWATER OPERATIONS
 SUMMARY OF APPLICATION OF 2021 RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

<u>Wastewater Area</u> (1)	<u>Residential</u> (2)	<u>Commercial</u> (3)	<u>Industrial</u> (4)	<u>Municipal</u> (5)	<u>Total</u> (6)
<u>Present Rate Application</u>					
Kane WW	\$ 1,429,823	\$ 282,203	\$ 17,155	\$ 50,902	\$ 1,780,083
Total	<u>1,429,823</u>	<u>282,203</u>	<u>17,155</u>	<u>50,902</u>	<u>1,780,083</u>
<u>2021 Proforma Adjustments</u>					
Kane WW					\$ -
Total Pro Forma Adjustments	-	-	-	-	-
Total Pro Forma 2021 Revenues	<u>1,429,823</u>	<u>282,203</u>	<u>17,155</u>	<u>50,902</u>	<u>1,780,083</u>
<u>2022 - Proforma Adjustments Under 2021 Rates</u>					
Kane WW					\$ -
Total Present Rate Adjustments	-	-	-	-	-
Total Pro Forma Adjusted Revenues	<u>1,429,823</u>	<u>282,203</u>	<u>17,155</u>	<u>50,902</u>	<u>1,780,083</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
 KANE WASTEWATER OPERATIONS
 SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
 FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification (1)	Annualization	Bill Analysis	Adjustment	Revenues Under	Pro Forma	Total
	of Acquired Systems Present Rates 12/31/2019 (a) (2)	Revenues, Present Rates (Schedule 6) (3)	Factor (4)=(2)/(3)	Present Rates (5)=(4)X(3)	Adjustments Present Rates (Schedule 6) (6)	Present Rate Revenue (7)=(6)+(5)
METERED SALES						
Residential	1,177,940	\$ 1,176,005	1.001645	\$ 1,177,940	\$ 1,935	\$ 1,179,875
Commercial	231,319	230,932	1.001676	231,319	386	231,705
Industrial	14,061	14,038	1.001638	14,061	23	14,084
Municipal	41,721	41,599	1.002933	41,721	125	41,846
Total Sales	1,465,041	1,462,574	1.001687	1,465,041	2,469	\$ 1,467,510
Other Operating Revenues	9,146	9,146		9,146	-	9,146
Total	\$ 1,474,187	\$ 1,471,720		\$ 1,474,187	\$ 2,469	\$ 1,476,656

(a) Excludes Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

<u>Wastewater Area</u> (1)	<u>Residential</u> (2)	<u>Commercial</u> (3)	<u>Industrial</u> (4)	<u>Municipal</u> (5)	<u>Total</u> (6)
<u>Present Rate Application</u>					
Kane WW	\$ 1,176,005	\$ 230,932	\$ 14,038	\$ 41,599	\$ 1,462,574
Total	<u>1,176,005</u>	<u>230,932</u>	<u>14,038</u>	<u>41,599</u>	<u>1,462,574</u>
<u>Proforma Adjustments</u>					
Kane WW	1,935	386	23	125	\$ 2,469
Total Present Rate Adjustments	<u>1,935</u>	<u>386</u>	<u>23</u>	<u>125</u>	<u>2,469</u>
Total Pro Forma Adjusted Revenues	<u>1,177,940</u>	<u>231,318</u>	<u>14,061</u>	<u>41,724</u>	<u>1,465,043</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Billed Rate (4)	Present Revenue (5)	Total Consumption (6)	2021 Rate (7)	2021 Revenue (8)	2022 Rate (7)	2022 Revenue (8)
<u>Residential - Monthly</u>									
Customer Charge (AA)	21,978	363,604	\$ 41.11	\$ 903,516	363,604	\$ 50.15	\$ 1,102,197	\$ 60.00	\$ 1,318,680
Customer Charge (AB)	12	224	82.22	987	224	100.31	1,204	120.02	1,440
Next 8,000 Gallons		293,120	0.6600	193,459	293,120	0.8052	236,020	0.9634	282,392
Next 20,000 Gallons		14,439	0.7330	10,584	14,439	0.8943	12,913	1.0700	15,450
Over 30,000 Gallons		1,342	0.8000	1,074	1,342	0.9760	1,310	1.1678	1,567
Flat Rate Customers	353		\$ 66.74	\$ 23,559		61.89	\$ 21,847	74.05	\$ 26,140
Subtotal Residential	22,343	672,729		1,133,179	672,729		1,375,491		1,645,669
Revenue Adjustment Factor - Residential			0.0395	44,761		0.0395	54,332	0.0395	65,004
Total Residential	22,343	672,729		\$ 1,177,940	672,729		\$ 1,429,823		\$ 1,710,673
<u>Commercial - Monthly</u>									
Customer Charge (AA)	1,699	21,746	\$ 41.11	\$ 69,846	21,746	\$ 50.15	\$ 85,205	\$ 60.00	\$ 101,940
Customer Charge (AB)	249	4,734	82.22	20,473	4,734	100.31	24,977	120.02	29,885
Next 8,000 Gallons		46,019	0.6600	30,373	46,019	0.8052	37,054	0.9634	44,335
Next 20,000 Gallons		38,201	0.7330	28,001	38,201	0.8943	34,163	1.0700	40,875
Over 30,000 Gallons		92,296	0.8000	73,837	92,296	0.9760	90,081	1.1678	107,783
Subtotal Commercial	1,948	202,996		222,530	202,996		271,480		324,818
Revenue Adjustment Factor - Commercial			0.0395	8,790		0.0395	10,723	0.0395	12,830
Total Commercial	1,948	202,996		\$ 231,320	202,996		\$ 282,203		\$ 337,648

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Billed Rate (4)	Present Revenue (5)	Total Consumption (6)	2021 Rate (7)	2021 Revenue (8)	2022 Rate (7)	2022 Revenue (8)
<u>Industrial - Monthly</u>									
Customer Charge (AB)	12	240	\$ 82.22	\$ 987	240	\$ 100.31	\$ 1,204	\$ 120.02	\$ 1,440
Next 8,000 Gallons		960	0.6600	634	960	0.8052	773	0.9634	925
Next 20,000 Gallons		2,400	0.7330	1,759	2,400	0.8943	2,146	1.0700	2,568
Over 30,000 Gallons		12,684	0.8000	10,147	12,684	0.9760	12,380	1.1678	14,812
Subtotal Industrial	12	16,284		13,527	16,284		16,503		19,745
Revenue Adjustment Factor - Industrial			0.0395	534		0.0395	652	0.0395	780
Total Industrial	12	16,284	\$	14,061	16,284		\$ 17,155		\$ 20,525
<u>Public - Monthly</u>									
Customer Charge (AA)	7	109	\$ 41.11	\$ 288	109	\$ 50.15	\$ 351	\$ 60.00	\$ 420
Customer Charge (AB)	77	1,235	82.22	6,331	1,235	100.31	7,724	120.02	9,242
First 8,000 Gallons		3,976	0.6600	2,624	3,976	0.8052	3,201	0.9634	3,830
Next 20,000 Gallons		8,090	0.7330	5,930	8,090	0.8943	7,235	1.0700	8,656
Over 30,000 Gallons		31,206	0.8000	24,965	31,206	0.9760	30,457	1.1678	36,442
Subtotal Public	84	44,616		40,138	44,616		48,968		58,590
Revenue Adjustment Factor - Public			0.0395	1,585		0.0395	1,934	0.0395	2,314
Total Public	84	44,616	\$	41,723	44,616		\$ 50,902		\$ 60,904
Total System Including Revenue Adjustment	24,387	936,625		1,465,044	936,625		1,780,083		2,129,750

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS

APPLICATION OF RATE CHANGE TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Rate Change (4)	Present Revenue (5)
<u>Residential - Monthly</u>				
Customer Charge (AA)	1,835	31,375	\$ 0.81	\$ 1,486
Customer Charge (AB)	1	20	1.62	2
First 8,000 Gallons		31,013	0.0100	310
Next 20,000 Gallons		1,543	0.0140	22
Over 30,000 Gallons		140	0.0150	2
Flat Rate Customers	30		\$ 1.31	\$ 39
Subtotal Residential	<u>1,866</u>	<u>64,091</u>		<u>1,861</u>
Revenue Adjustment Factor - Residential			0.0395	74
Total Residential	1,866	64,091		\$ 1,935
<u>Commercial - Monthly</u>				
Customer Charge (AA)	142	1,913	\$ 0.81	\$ 115
Customer Charge (AB)	20	379	1.62	32
First 8,000 Gallons		4,437	0.0100	44
Next 20,000 Gallons		3,282	0.0140	46
Over 30,000 Gallons		8,961	0.0150	134
Subtotal Commercial	<u>162</u>	<u>18,972</u>		<u>371</u>
Revenue Adjustment Factor - Commercial			0.0395	15
Total Commercial	162	18,972		\$ 386
<u>Industrial - Monthly</u>				
Customer Charge (AB)	1	20	\$ 1.62	\$ 2
First 8,000 Gallons		80	0.0100	1
Next 20,000 Gallons		200	0.0140	3
Over 30,000 Gallons		1,091	0.0150	16
Subtotal Industrial	<u>1</u>	<u>1,391</u>		<u>22</u>
Revenue Adjustment Factor - Industrial			0.0395	1
Total Industrial	1	1,391		\$ 23
<u>Public - Monthly</u>				
Customer Charge (AA)	3	34	\$ 0.81	\$ 2
Customer Charge (AB)	33	429	1.62	53
First 8,000 Gallons		320	0.0100	3
Next 20,000 Gallons		752	0.0140	11
Over 30,000 Gallons		3,378	0.0150	51
Subtotal Public	<u>36</u>	<u>4,913</u>		<u>120</u>
Revenue Adjustment Factor - Public			0.0395	5
Total Public	36	4,913		\$ 125
Total System Including Revenue Adjustment	<u>2,065</u>	<u>89,367</u>		<u>2,469</u>

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE ACQUISITION

COMPARISON OF BILLS UNDER PRESENT AND 2021 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$41.11	\$50.15	\$9.04	21.99%
1,000	\$41.11	\$50.15	\$9.04	21.99%
2,000	\$41.11	\$50.15	\$9.04	21.99%
3,000	\$47.71	\$58.20	\$10.49	21.99%
3,458 *	\$50.73	\$61.89	\$11.16	21.99%
4,000	\$54.31	\$66.25	\$11.94	21.99%
5,000	\$60.91	\$74.31	\$13.40	21.99%
6,000	\$67.51	\$82.36	\$14.85	21.99%
7,000	\$74.11	\$90.41	\$16.30	21.99%
8,000	\$80.71	\$98.46	\$17.75	21.99%
9,000	\$87.31	\$106.51	\$19.20	22.00%
10,000	\$93.91	\$114.57	\$20.66	22.00%
11,000	\$101.24	\$123.51	\$22.27	22.00%
12,000	\$108.57	\$132.45	\$23.88	22.00%
13,000	\$115.90	\$141.40	\$25.50	22.00%
14,000	\$123.23	\$150.34	\$27.11	22.00%
15,000	\$130.56	\$159.28	\$28.72	22.00%
16,000	\$137.89	\$168.22	\$30.33	22.00%
17,000	\$145.22	\$177.17	\$31.95	22.00%
18,000	\$152.55	\$186.11	\$33.56	22.00%
19,000	\$159.88	\$195.05	\$35.17	22.00%
20,000	\$167.21	\$204.00	\$36.79	22.00%
25,000	\$203.86	\$248.71	\$44.85	22.00%
30,000	\$240.51	\$293.43	\$52.92	22.00%
35,000	\$280.51	\$342.23	\$61.72	22.00%
40,000	\$320.51	\$391.03	\$70.52	22.00%
45,000	\$360.51	\$439.83	\$79.32	22.00%
50,000	\$400.51	\$488.63	\$88.12	22.00%

* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE ACQUISITION

COMPARISON OF BILLS UNDER PRESENT AND 2022 RATES
RESIDENTIAL - MONTHLY
5/8 INCH METERS

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$50.15	\$60.00	\$9.85	19.64%
1,000	\$50.15	\$60.00	\$9.85	19.64%
2,000	\$50.15	\$60.00	\$9.85	19.64%
3,000	\$58.20	\$69.63	\$11.43	19.64%
3,458 *	\$61.89	\$74.05	\$12.16	19.64%
4,000	\$66.25	\$79.27	\$13.01	19.64%
5,000	\$74.31	\$88.90	\$14.60	19.64%
6,000	\$82.36	\$98.54	\$16.18	19.64%
7,000	\$90.41	\$108.17	\$17.76	19.64%
8,000	\$98.46	\$117.80	\$19.34	19.64%
9,000	\$106.51	\$127.44	\$20.92	19.64%
10,000	\$114.57	\$137.07	\$22.51	19.64%
11,000	\$123.51	\$147.77	\$24.26	19.64%
12,000	\$132.45	\$158.47	\$26.02	19.64%
13,000	\$141.40	\$169.17	\$27.78	19.64%
14,000	\$150.34	\$179.87	\$29.53	19.65%
15,000	\$159.28	\$190.57	\$31.29	19.65%
16,000	\$168.22	\$201.27	\$33.05	19.65%
17,000	\$177.17	\$211.97	\$34.81	19.65%
18,000	\$186.11	\$222.67	\$36.56	19.65%
19,000	\$195.05	\$233.37	\$38.32	19.65%
20,000	\$204.00	\$244.07	\$40.08	19.65%
25,000	\$248.71	\$297.57	\$48.86	19.65%
30,000	\$293.43	\$351.07	\$57.65	19.65%
35,000	\$342.23	\$409.46	\$67.24	19.65%
40,000	\$391.03	\$467.85	\$76.83	19.65%
45,000	\$439.83	\$526.24	\$86.42	19.65%
50,000	\$488.63	\$584.63	\$96.01	19.65%

* Average monthly bill.