

**PENNSYLVANIA-AMERICAN WATER COMPANY**

**2017 GENERAL BASE RATE CASE**

**R-2017-2595853**

**EXHIBITS NO. 12-C, 12-D, 12-E**

**REVENUE RATE APPLICATION FOR**

**WATER OPERATIONS, WASTEWATER OPERATIONS (EXCLUDING SCRANTON  
WASTEWATER OPERATIONS), SCRANTON WASTEWATER OPERATIONS**

PENNSYLVANIA-AMERICAN WATER COMPANY  
HERSHEY, PENNSYLVANIA

WATER OPERATIONS

APPLICATION OF PRESENT AND PROPOSED  
RATES TO CONSUMPTION ANALYSIS FOR THE  
TWELVE MONTHS ENDED DECEMBER 31, 2016 AND  
PRO FORMA REVENUE  
UNDER PRESENT AND PROPOSED RATES  
AS OF DECEMBER 31, 2018

GANNETT FLEMING, INC. - VALUATION AND RATE DIVISION  
Harrisburg, Pennsylvania

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## WATER OPERATIONS

PENNSYLVANIA-AMERICAN WATER COMPANY

APPLICATION OF PRESENT AND PROPOSED RATES  
TO CONSUMPTION ANALYSIS FOR THE  
TWELVE MONTHS ENDED DECEMBER 31, 2016  
AND PRO FORMA REVENUE  
UNDER PRESENT AND PROPOSED RATES  
AS OF DECEMBER 31, 2018

WATER OPERATIONS

INTRODUCTION

Water 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, 2016, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2018. Schedules 3 and 4 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, 2016 and 2018. Schedules 5 through 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 3 summarizes the pro forma revenues under present rates. Column 2 presents the revenues per books adjusted for the removal of DSIC 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, 2016. The application of rates for the various rate zones and customer classifications is summarized in Schedule 4, from the application of present

rates in Schedules 5, 6 and 7. The adjustment factor in column 4 is calculated by dividing column 2 by column 3.

Column 5 of Schedule 3 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. Column 7 shows the amount of DSIC revenue annualized for the test year and is added to columns 5 and 6 to arrive at the total pro forma revenues under present rates in column 8.

#### PROPOSED RATE APPLICATION

Schedule 1 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2018, 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. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 8 of Schedule 3. Column 3 is the result of applying proposed rates to the detailed consumption analysis presented in Schedules 5, 6 and 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. 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.

## COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES

Schedule 9 presents a comparison of customers' bills under present and proposed rates at various consumption levels for each rate zone for the residential classification. For the purposes of this comparison, for all but Zones 51 and 52, the bills under present rates include the DSIC surcharge at 7.50%. The bills under proposed rates reflect Rate Zone 1 rates for all rate zones and customer classifications.

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS

SUMMARY OF PROFORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2016 AND 2018  
AND THE CALCULATION OF THE REVENUE INCREASE UNDER PROPOSED RATES

Customer Classification (1)	Pro Forma Revenues, Present Rates (Schedule 3) (2)	Bill Analysis Revenues, Proposed Rates (Schedule 2) (3)	Adjustment Factor (Sch. 3, col 4) (4)	Revenues, Proposed Rates (5)=(4)X(3)	Pro Forma Adjustments Proposed Rates (Schedule 2) (6)	Total Pro Forma Revenue Proposed Rates (7)=(5)+(6)	Proposed Increase (8)=(7)-(2)	Percent Increase (9)
<b>METERED SALES</b>								
Residential	\$ 391,524,883	\$ 468,330,540	0.99860215	\$ 467,675,884	\$ (10,046,464)	\$ 457,629,420	\$ 66,104,537	16.9%
Commercial	146,051,454	175,417,430	0.99834808	175,127,654	1,233,976	176,361,630	30,310,176	20.8%
Industrial	27,214,171	32,769,702	0.99929777	32,746,690	(654,988)	32,091,702	4,877,532	17.9%
Municipal	19,756,771	20,768,637	0.99509107	20,666,685	(45,741)	20,620,945	864,174	4.4%
Other Water Utilities - Group A	2,353,539	2,348,264	0.99991017	2,348,053	118,424	2,466,477	112,938	4.8%
Other Water Utilities - Group B	38,877	48,468	0.98888462	47,930	-	47,930	9,053	23.3%
Total Metered Sales	586,939,695	699,683,042		698,612,897	(9,394,794)	689,218,104	102,278,409	17.4%
<b>UNMETERED SALES</b>								
Residential	155,507	169,520	1.00188787	169,840	-	169,840	14,334	9.2%
Commercial	-	-	1.00000000	-	-	-	-	
Private Fire Protection	3,825,469	4,428,222	1.00000000	4,428,222	-	4,428,222	602,753	15.8%
Public Fire Protection	8,465,136	8,679,321	1.00000000	8,679,321	-	8,679,321	214,186	2.5%
Subtotal Unmetered Sales	12,446,111	13,277,064		13,277,384	-	13,277,384	831,272	6.7%
Total Sales of Water	599,385,806	712,960,106		711,890,281	(9,394,794)	702,495,488	103,109,681	17.2%
Other Operating Revenues	11,918,965	11,918,965		11,918,965	721,606	12,640,571	721,606	6.1%
Total	\$ 611,304,771	\$ 724,879,071		\$ 723,809,246	\$ (8,673,188)	\$ 715,136,059	\$ 103,831,287	17.0%



PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS

SUMMARY OF APPLICATION OF PROPOSED RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS  
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2016 AND 2018

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>Proposed Rate Application, Schedule 5</u>									
Zone 1	\$ 467,409,551	\$ 175,294,703	\$ 32,769,702	\$ 20,766,021	\$ 2,348,264	\$ 48,468	\$ 698,636,711	\$ 169,520	\$ -
Zone 40	442,063	83,312		2,350			527,725		
Zone 41	70,955						70,955		
Zone 46	16,928	-					16,928		
Zone 47	213,127	25,893					239,020		
Zone 50	64,055						64,055		
Zone 51	22,852						22,852		
Zone 52	91,009	13,522		266			104,797		
Total	\$ 468,330,540	\$ 175,417,430	\$ 32,769,702	\$ 20,768,637	\$ 2,348,264	\$ 48,468	\$ 699,683,042	\$ 169,520	\$ -
<u>Proforma Adjustments, Schedule 8</u>									
Zone 1	\$ (10,046,464)	\$ 1,233,976	\$ (654,988)	\$ (45,741)	\$ 118,424	\$ -			
Zone 40									
Zone 41									
Zone 46									
Zone 47									
Zone 49									
Zone 50									
Zone 51									
Zone 52									
Total	\$ (10,046,464)	\$ 1,233,976	\$ (654,988)	\$ (45,741)	\$ 118,424	\$ -	\$ -	\$ -	\$ -

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2016 AND 2018

Customer Classification (1)	Adjusted Revenues, Per Books Present Rates 12/31/2016 (a) (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 (Schedule 4) (6)	Add Back Annualized DSIC Revenue (7)	Total Pro Forma Revenue Present Rates (8)=(5)+(6)+(7)
<b>METERED SALES</b>							
Residential	\$ 373,711,454 (b)	\$ 374,234,579	0.99860215	\$ 373,711,455	\$ (9,813,115)	\$ 27,626,543	\$ 391,524,883
Commercial	135,391,505	135,615,532	0.99834808	135,391,506	468,024	10,191,924	146,051,454
Industrial	26,010,444	26,028,722	0.99929777	26,010,444	(540,753)	1,744,480	27,214,171
Municipal	18,503,471	18,594,751	0.99509107	18,503,471	(125,079)	1,378,379	19,756,771
Other Water Utilities - Group A	2,258,960	2,259,163	0.99991017	2,258,960	41,821	52,758	2,353,539
Other Water Utilities - Group B	38,877	39,314	0.98888462	38,877	-	-	38,877
Total Metered Sales	\$ 555,914,711	\$ 556,772,061	0.99846014	\$ 555,914,712	\$ (9,969,101)	\$ 40,994,084	\$ 586,939,695
<b>UNMETERED SALES</b>							
Residential	144,658	144,385	1.00188787	144,658	-	10,849	155,507
Commercial	-	-	1.00000000	-	-	-	-
Private Fire Protection	3,558,576	3,558,576 (c)	1.00000000	3,558,576	-	266,893	3,825,469
Public Fire Protection	8,465,136	8,465,136 (d)	1.00000000	8,465,136	-	-	8,465,136
Subtotal Unmetered Sales	12,168,369	12,168,097		12,168,369	-	277,742	12,446,111
Total Sales of Water	568,083,080	568,940,157		568,083,082	(9,969,101)	41,271,826	599,385,806
Other Operating Revenues	12,425,094	12,425,094		12,425,094	(506,129)	-	11,918,965
Total	\$ 580,508,174	\$ 581,365,251		\$ 580,508,176	\$ (10,475,230)	\$ 41,271,826	\$ 611,304,771

(a) Excludes DSIC and Unbilled Revenue.  
(b) Does not include Unmetered Sales.  
(c) See Schedule 6.  
(d) See Schedule 7.

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS  
 SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS  
 FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2016, 2017 AND 2018

Rate Zone (1)	Residential	Commercial	Industrial	Municipal	Sales for Resale		Metered	Flat R	
	(2)	(3)	(4)	(5)	Group A	Group B	Total	Residential	Commercial
					(6)	(7)	(8)	(9)	(10)
<u>Present Rate Application, Schedule 5</u>									
Zone 1	\$ 373,755,691	\$ 135,559,364	\$ 26,028,722	\$ 18,592,557	\$ 2,259,163	\$ 39,314	\$ 556,234,811	\$ 144,385	
Zone 40	206,844	37,086		1,978			245,908		
Zone 41	43,634						43,634		
Zone 46	10,962	-					10,962		
Zone 47	121,105	14,447					135,552		
Zone 50	46,054						46,054		
Zone 51	14,028						14,028		
Zone 52	36,261	4,635		216			41,112		
Total	\$ 374,234,579	\$ 135,615,532	\$ 26,028,722	\$ 18,594,751	\$ 2,259,163	\$ 39,314	\$ 556,772,061	\$ 144,385	\$ -
<u>Proforma Adjustments - Schedule 8</u>									
Zone 1	\$ (9,813,115)	\$ 468,024	\$ (540,753)	\$ (125,079)	\$ 41,821	\$ -		\$ -	\$ -
Zone 40									
Zone 41									
Zone 46									
Zone 47									
Zone 49									
Zone 50									
Zone 51									
Zone 52									
Total	\$ (9,813,115)	\$ 468,024	\$ (540,753)	\$ (125,079)	\$ 41,821	\$ -	\$ -	\$ -	\$ -

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

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
YEAR ENDED DECEMBER 31, 2016

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	6,943,082	-	\$ 15.00	\$ 104,146,230	\$ 18.50	\$ 128,447,017
5/8, Low Income	185,887	-	3.00	557,661	3.70	687,782
3/4	9,740	-	22.70	221,098	28.00	272,720
1	46,904	-	37.80	1,772,971	46.60	2,185,726
1 1/2	663	-	61.70	40,907	76.10	50,454
2	1,249	-	98.70	123,276	121.70	152,003
4	142	-	231.10	32,816	285.00	40,470
6	106	-	346.00	36,676	426.70	45,230
8	22	-	669.90	14,738	826.10	18,174
Subtotal	7,187,795	-		106,946,373		131,899,577
First Block	-	261,219,226	1.0214	266,809,318	1.2844	335,509,974
Subtotal	-	261,219,226		266,809,318		335,509,974
Total Class - Metered	7,187,795	261,219,226		\$ 373,755,691		\$ 467,409,551
Flat Rate Customers	2,604		\$ 55.45	144,385	\$ 65.10	169,520
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	345,916	-	\$ 15.00	\$ 5,188,740	\$ 18.50	\$ 6,399,446
3/4	21,592	-	22.70	490,138	28.00	604,576
1	79,806	-	37.80	3,016,667	46.60	3,718,960
1 1/2	15,228	-	61.70	939,568	76.10	1,158,851
2	42,907	-	98.70	4,234,921	121.70	5,221,782
3	1,279	-	184.10	235,464	227.00	290,333
4	16,583	-	231.20	3,833,990	285.10	4,727,813
6	15,153	-	346.00	5,242,938	426.70	6,465,785
8	5,162	-	669.90	3,458,024	826.10	4,264,328
10	633	-	970.20	614,137	1,196.40	757,321
Subtotal	544,259	-		27,254,587		33,609,195
First Block (First 160)	-	35,185,709	0.9911	34,872,557	1.2844	45,192,525
Second Block (Over 160)	-	96,628,596	0.7597	73,408,744	0.9983	96,464,327
Subtotal	-	131,814,305		108,281,301		141,656,853
Construction Usage		424,526	0.05530	23,476	0.0675	28,655
Total Class	544,259	132,238,831		\$ 135,559,364		\$ 175,294,703

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

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
YEAR ENDED DECEMBER 31, 2016

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Industrial - Monthly</u>						
Customer Charge						
5/8	589	-	\$ 21.80	\$ 12,840	\$ 26.90	\$ 15,844
3/4	73	-	32.70	2,387	40.30	2,942
1	1,099	-	54.60	60,005	67.30	73,963
1 1/2	506	-	109.10	55,205	134.60	68,108
2	1,988	-	174.60	347,105	215.30	428,016
3	165	-	327.30	54,005	403.70	66,611
4	791	-	545.50	431,491	672.80	532,185
6	778	-	1,091.00	848,798	1,346.00	1,047,188
8	403	-	1,746.00	703,638	2,153.00	867,659
10	120	-	2,509.00	301,080	3,094.00	371,280
ConAgra Demand	12	-	122,680.00	1,472,160	126,391.00 (a)	1,516,692
Subtotal	6,524	-		4,288,714		4,990,488
First Block (First 160)	-	765,320	0.9898	757,514	1.2844	982,977
Second Block (Next 5,840)	-	9,161,793	0.7398	6,777,894	0.9717	8,902,514
Third Block (Over 6,000)	-	19,074,342	0.5866	11,189,009	0.7707	14,700,596
Fourth Block - Industrial Curtailment	-	4,198,290	0.3962	1,663,362	0.4648	1,951,365
US Steel	-	1,376,568	0.4573	629,505	0.4619 (a)	635,837
Hershey Commodity 1	-	1,925,613	0.2250	433,263	0.2307 (a)	444,208
Hershey Commodity 2	-	148,077	0.2284	33,821	0.2307 (a)	-
Hershey Commodity Penalty	-	-	-	98,603	-	-
ConAgra Commodity	-	3,079,154	0.0510	157,037	0.0525 (a)	161,717
Subtotal	-	39,729,157		21,740,008		27,779,214
Total Class	6,524	39,729,157		\$ 26,028,722		\$ 32,769,702
(a) Assumes a 1% increase over present rates.						
<u>Municipal - Monthly</u>						
Customer Charge						
5/8	10,192	-	\$ 15.00	\$ 152,880	\$ 18.50	\$ 188,552
3/4	688	-	22.70	15,618	28.00	19,264
1	5,682	-	37.80	214,780	46.60	264,781
1 1/2	1,018	-	61.70	62,811	76.10	77,470
2	7,515	-	98.70	741,731	121.70	914,576
3	358	-	184.10	65,908	227.00	81,266
4	1,572	-	231.20	363,446	285.10	448,177
6	2,255	-	346.00	780,230	426.70	962,209
8	564	-	669.90	377,824	826.10	465,920
10	72	-	970.20	69,854	1,196.40	86,141
Subtotal	29,916	-		2,845,082		3,508,356
First Block (First 160)	-	1,962,912	0.9911	1,945,443	1.2844	2,521,165
Second Block (Over 160)	-	16,928,777	0.8153	13,802,032	0.8705	14,736,501
Subtotal	-	18,891,690		15,747,475		17,257,665
Total Class	29,916.0	18,891,690		\$ 18,592,557		\$ 20,766,021

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

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
YEAR ENDED DECEMBER 31, 2016

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Other Water Utilities Monthly - Group A</u>						
Customer Charge						
2	12		174.60	2,095	215.30	2,584
4	12		545.50	6,546	672.60	8,071
6	48		1091.00	52,368	1,345.00	64,560
8	36		1746.00	62,856	2,153.00	77,508
10	12		2509.00	30,108	3,094.00	37,128
Oakdale Demand 1	10		7,283.49	72,835	7,423.69 (a)	74,237
Oakdale Demand 2	2		7,350.19	14,700	7,423.69 (a)	14,847
Subtotal	132	-		241,508		278,935
First Block	-	744,944	0.6730	501,347	0.7524	560,496
WACMA Commodity 1	-	713,951	0.2330	166,351	0.2360 (a)	168,492
WACMA Commodity 2	-	3,617,369	0.2340	846,464	0.2360 (a)	853,699
Oakdale Commodity 1	-	245,600	0.0690	16,946	0.0710 (a)	17,438
Oakdale Commodity 2	-	52,510	0.0700	3,676	0.0710 (a)	3,728
Newtown Commodity 1	-	438,980	0.2673	117,339	0.2420 (a)	106,233
Newtown Commodity 2	-	469,520	0.2690	126,301	0.2420 (a)	113,624
Evans City Commodity 1	-	49,223	0.3010	14,816	0.3100 (a)	15,259
Evans City Commodity 2	-	743,097	0.3020	224,415	0.3100 (a)	230,360
Subtotal	-	7,075,194		\$ 2,017,655		\$ 2,069,329
Total Group A	132.0	7,075,194		\$ 2,259,163		\$ 2,348,264

(a) Assumes a 1% increase over present rates.

<u>Other Water Utilities Monthly - Group B</u>						
Customer Charge						
1	12	-	\$ 54.60	\$ 655	\$ 67.30	\$ 808
2	36	-	174.60	6,286	215.30	7,751
3	12	-	327.30	3,928	403.60	4,843
4	36	-	545.50	19,638	672.60	24,214
6	8	-	1,091.00	8,728	1,345.00	10,760
Subtotal	104	-		39,235		48,376
First Block	-	88	0.8979	79	1.0496	92
Subtotal	-	88		79		92
Total Group B	104	88		\$ 39,314		\$ 48,468
Total Other Water Utilities	236	7,075,282		\$ 2,298,477		\$ 2,396,733

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS  
ZONE 40 - NITTANY

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
YEAR ENDED DECEMBER 31, 2016

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>							
Customer Charge							
5/8	5,828	-	\$ 11.50	\$ 67,022	-	\$ 18.50	\$ 107,818
5/8, Low Income	51	-	2.50	128	-	3.70	189
3/4	-	-	20.80	-	-	28.00	-
1	36	-	34.60	1,246	-	46.60	1,678
1 1/2	-	-	56.50	-	-	76.10	-
2	-	-	121.70	-	-	121.70	-
Subtotal	5,915	-		68,396	-		109,684
First Block	-	258,781	0.5350	138,448	258,781	1.2844	332,378
Subtotal	-	258,781		138,448	258,781		332,378
Total	5,915	258,781		206,844	258,781		442,063
<u>Commercial - Monthly</u>							
Customer Charge							
5/8	436	-	11.50	5,014	-	18.50	8,066
3/4	-	-	20.80	-	-	28.00	-
1	48	-	34.60	1,661	-	46.60	2,237
Subtotal	484	-		6,675	-		10,303
First Block	-	56,843	0.5350	30,411	56,843	1.2844	73,009
Second Block	-	-	0.5350	-	-	0.9983	-
Subtotal	-	56,843		30,411	56,843		73,009
Total Class	484	56,843		37,086	56,843		83,312
<u>Municipal - Monthly</u>							
Customer Charge							
5/8	12	-	11.50	138	-	18.50	222
3/4	-	-	20.80	-	-	28.00	-
1	24	-	34.60	830	-	46.60	1,118
1 1/2	-	-	56.50	-	-	76.10	-
Subtotal	36	-		968	-		1,340
First Block	-	1,887	0.5350	1,010	1,887	1.2844	1,010
Second Block	-	-	0.5350	-	-	0.8705	-
Subtotal	-	1,887		1,010	1,887		1,010
Total	36	1,887		1,978	1,887		2,350
Total Rate Zone	6,435	317,511		\$ 245,908	317,511		\$ 527,725

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS  
ZONE 41 - SUTTON HILLS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
YEAR ENDED DECEMBER 31, 2016

<u>Rate Block</u> <u>100 Gallons</u> (1)	<u>Of Bills</u> (2)	<u>Total</u> <u>Consumption</u> (3)	<u>Present</u> <u>Rate</u> (4)	<u>Revenue</u> (5)	<u>Proposed</u> <u>Rate</u> (6)	<u>Proposed</u> <u>Revenue</u> (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	924	-	\$ 15.00	\$ 13,860	\$ 18.50	\$ 17,094
5/8, Low Income		-	3.00	-	3.70	-
Subtotal	<u>924</u>	<u>-</u>		<u>13,860</u>		<u>17,094</u>
All Usage	<u>-</u>	<u>41,935</u>	0.7100	<u>29,774</u>	1.2844	<u>53,861</u>
Subtotal	<u>-</u>	<u>41,935</u>		<u>29,774</u>		<u>53,861</u>
Total	924	41,935		\$ 43,634		\$ 70,955



PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS  
ZONE 46 - ALL SEASONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS  
YEAR ENDED DECEMBER 31, 2016

<u>Rate Block</u> <u>100 Gallons</u> (1)	<u>Number</u> <u>Of Bills</u> (2)	<u>Total</u> <u>Consumption</u> (3)	<u>Present</u> <u>Rate</u> (4)	<u>Revenue</u> (5)	<u>Proposed</u> <u>Rate</u> (6)	<u>Proposed</u> <u>Revenue</u> (7)
<u>Residential - Monthly</u>						
Customer Charge	453		13.75	6,229	18.50	8,381
	12		2.75	33	3.70	44
Subtotal	<u>465</u>	-		<u>6,262</u>		<u>8,425</u>
All Usage	-	<u>6,620</u>	0.7100	<u>4,700</u>	1.284	<u>8,503</u>
Subtotal	<u>-</u>	<u>6,620</u>		<u>4,700</u>		<u>8,503</u>
Total	465	6,620		10,962		16,928
Total Rate Zone	465	6,620		10,962		16,928

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS  
ZONE 47 - BALSINGER

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
YEAR ENDED DECEMBER 31, 2016

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>							
Customer Charge 5/8	2,993	-	\$ 15.00	\$ 44,895	-	\$ 18.50	\$ 55,371
5/8, Low Income	48	-	3.00	144	-	3.70	178
Subtotal	3,041	-		45,039	-		55,548
First Block	-	122,687	0.6200	76,066	122,687	1.2844	157,579
Second Block	-	-	0.5000	-	-	1.2844	-
Subtotal	-	122,687		76,066	122,687		157,579
Total	3,041	122,687		121,105	122,687		213,127
<u>Commercial - Monthly</u>							
Customer Charge 5/8	321	-	15.00	4,815	-	18.50	5,939
Subtotal	321	-		4,815	-		5,939
First Block	-	15,536	0.6200	9,632	15,536	1.2844	19,954
Second Block	-	-	0.5000	-	-	1.2844	-
Subtotal	-	15,536		9,632	15,536		19,954
Total Class	321	15,536		14,447	15,536		25,893
Total Rate Zone	3,362	138,223		\$ 135,552	138,223		\$ 239,020

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS  
ZONE 50 - ACQUISITIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
YEAR ENDED DECEMBER 31, 2016

<u>Rate Block</u> <u>100 Gallons</u> (1)	<u>Number</u> <u>Of Bills</u> (2)	<u>Present</u> <u>Consumption</u> (3)	<u>Present</u> <u>Rate</u> (4)	<u>Revenue</u> (5)	<u>Proposed</u> <u>Rate</u> (7)	<u>Proposed</u> <u>Revenue</u> (8)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	1,036	-	13.75	14,245	18.50	19,166
5/8, Low Income	13	-	2.75	36	3.70	48
3/4	-	-	20.80	-	28.00	-
1	-	-	34.60	-	46.60	-
1 1/2	-	-	56.50	-	76.10	-
2	-	-	90.40	-	121.70	-
Subtotal	<u>1,049</u>	<u>-</u>		<u>14,281</u>		<u>19,214</u>
All Usage	-	<u>34,912</u>	0.9101	<u>31,773</u>	1.2844	<u>44,841</u>
Subtotal	<u>-</u>	<u>34,912</u>		<u>31,773</u>		<u>44,841</u>
Total	1,049	34,912		46,054		64,055
Total Rate Zone	1,049	34,912		46,054		64,055

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS  
ZONE 51 - BERRY HOLLOW

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
YEAR ENDED DECEMBER 31, 2016

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	320	-	\$ 18.20	\$ 5,824	\$ 18.50	\$ 5,920
5/8, Low Income	12	-	3.64	44	3.70	44
Subtotal	332	-		5,868		5,964
First 3,300 gallons	-	9,033	0.6550	5,917	1.2844	11,602
Next 1,700 gallons	-	1,838	0.6010	1,105	1.2844	2,361
Next 1,700 gallons	-	1,003	0.5370	539	1.2844	1,288
Over 6,700 gallons	-	1,274	0.4700	599	1.2844	1,636
Subtotal	-	13,148		8,160		16,887
Total Rate Zone	332	13,148		\$ 14,028		\$ 22,852

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS  
ZONE 52 - MCEWENSVILLE

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
YEAR ENDED DECEMBER 31, 2016

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>							
Minimum Charge/Customer Charge 5/8, Low Income	1,527 -	34,238 -	\$ 18.00 18.00	\$ 27,486 -	- -	\$ 18.50 3.70	\$ 28,250 -
Subtotal	1,527	34,238		27,486	-		28,250
All Usage Subtotal	- -	14,625 14,625	0.6000	8,775 8,775	48,863 48,863	1.2844	62,760 62,760
Total	1,527	48,863		36,261	48,863		91,009
<u>Commercial - Monthly</u>							
Minimum Charge/Customer Charge	225	6,312	\$ 18.00	4,050	-	\$ 18.50	4,163
Subtotal	225	6,312		4,050	-		4,163
First Block	-	975	0.6000	585	7,287	1.2844	9,359
Second Block	-	-	0.6000	-	-	0.9983	-
Subtotal	-	975		585	7,287		9,359
Total Class	225	7,287		4,635	7,287		13,522
<u>Municipal - Monthly</u>							
Minimum Charge/Customer Charge	12	34	\$ 18.00	216	-	\$ 18.50	222
Subtotal	12	34		216	-		222
First Block	-	-	0.6000	-	34	1.2844	44
Second Block	-	-	0.6000	-	-	0.8705	-
Subtotal	-	-		-	34		44
Total	12	34		216	34		266
Total Rate Zone	1,764.00	56,184.00		\$ 41,112	56,184		\$ 104,797

## PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS

## APPLICATION OF PRESENT AND PROPOSED RATES TO PRIVATE FIRE CONNECTIONS AS OF 12-31-2018

Rate Zone, Connection Size (1)	Number (2)	Present Rates		Number (5)	Proposed Rates	
		Rate (3)	Revenue (4)		Rate (6)	Revenue (7)
<b>Zone 1</b>						
1" or 1 1/4"	2	\$ 44.28	\$ 89	2	\$ 56.76	\$ 114
1 1/2"	4	63.84	255	4	81.84	327
2"	47	113.40	5,330	47	145.32	6,830
3"	15	257.88	3,868	15	330.36	4,955
4"	319	453.96	144,813	319	581.52	185,505
6"	1,195	1,031.52	1,232,666	1,195	1,321.44	1,579,121
8"	611	1,836.12	1,121,869	611	2,352.24	1,437,219
10"	52	2,867.64	149,117	52	3,673.68	191,031
12"	19	4,126.08	78,396	19	5,285.88	100,432
1" Metered	14	362.52	5,075	14	464.40	6,502
1-1/2" Metered	3	517.92	1,554	3	663.48	1,990
2" Metered	5	828.72	4,144	5	1,061.64	5,308
3" Metered	11	1,553.76	17,091	11	1,990.56	21,896
4" Metered	34	1,942.20	66,035	34	2,488.20	84,599
6" Metered	55	2,913.36	160,235	55	3,732.36	205,280
8" Metered	11	4,467.12	49,138	11	5,722.80	62,951
10" Metered	7	6,279.84	43,959	7	8,045.16	56,316
Hydrants	1,440	322.44	464,314	1,440	322.44	464,314
Sprinkler first 200	7	540.48	3,783	7	692.40	4,847
Sprinkler over 200	1,835	1.44	2,642	1,835	1.80	3,303
Standpipes	10	420.24	4,202	10	538.32	5,383
<b>Total Private Fire</b>	<b>5,696</b>		<b>3,558,576</b>	<b>5,696</b>		<b>4,428,222</b>

## PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS

APPLICATION OF PRESENT AND PROPOSED RATES TO  
THE NUMBER OF PUBLIC FIRE HYDRANTS AS OF DECEMBER 31, 2018

Service Area (1)	Proforma Number of Hydrants (2)	Present Annual Rate (3)	Pro Forma Present Revenue (4)	Proposed Annual Rate (5)	Pro Forma Proposed Revenue (6)
Rate Zone 1	26,004	\$ 240.00	\$ 6,240,960	\$ 240.00	\$ 6,240,960
Hydrants at 1/4 the Cost of Service	8,880	181.20	1,609,056	205.32	1,823,242
Bradford Township	46	75.00	3,450	75.00	3,450
Brownsville Area	233	210.60	49,070	210.60	49,070
California Area	75	216.60	16,245	216.60	16,245
Reading Area	2,503	218.28	546,355	218.28	546,355
 Total	 37,741		 \$ 8,465,136		 \$ 8,679,321

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

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENTS  
YEAR ENDED DECEMBER 31, 2016, 2017 AND 2018

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year/Present Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	64,824	-	\$ 15.00	\$ 972,360	\$ 18.50	\$ 1,199,244
5/8, Low Income		-	5.25	-	3.70	-
3/4	96	-	22.70	2,179	28.00	2,688
1	432	-	37.80	16,330	46.60	20,131
1 1/2		-	61.70	-	76.10	-
2		-	98.70	-	121.70	-
4		-	231.10	-	285.00	-
Subtotal	65,352	-		990,869		1,222,063
All Usage - Test Year	-	689,492	1.0214	704,247	1.2844	885,583
All Usage - Test Year adjusted for Present Rate	-	261,908,718	-0.0073	(1,911,934)	0.0000	-
All Usage - 2017, 2018	-	(9,462,870)	1.0141	(9,596,297)	1.2844	(12,154,110)
Subtotal	-	253,135,339		(10,803,984)		(11,268,527)
Total Metered	65,352	253,135,339		(9,813,115)		(10,046,464)
Flat Rate	-		55.45	-	65.10	-
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	(948)	-	15.00	(14,220)	18.50	(17,538)
3/4	(72)	-	22.70	(1,634)	28.00	(2,016)
1	(204)	-	37.80	(7,711)	46.60	(9,506)
1 1/2	(36)	-	61.70	(2,221)	76.10	(2,740)
2	(108)	-	98.70	(10,660)	121.70	(13,144)
3	-	-	184.10	-	227.00	-
4	-	-	231.20	-	285.10	-
6	12	-	346.00	4,152	426.70	5,120
8	-	-	669.90	-	826.10	-
10	-	-	970.20	-	1,196.40	-
Subtotal	(1,356)	-		(32,294)		(39,823)
Test Year First Block (First 160)	-	(163,520)	0.9911	(162,065)	1.2844	(210,025)
Test Year Second Block (Over 160)	-	1,527,508	0.7597	1,160,448	0.9983	1,524,911
Test Year Adj Present Rates (First 160)		35,022,189	(0.0035)	(122,578)	-	-
Test Year Adj Present Rates (Over 160)		98,156,104	(0.0035)	(343,546)	-	-
Present Rate First Block (First 160)		(55,680)	0.9876	(54,990)	1.2844	(71,515)
Present Rate Second Block (Over 160)		30,480	0.7562	23,049	0.9983	30,428
Subtotal	-	1,338,788		500,318		1,273,799
Total Class	(1,356)	1,338,788		468,024		1,233,976



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

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENTS  
YEAR ENDED DECEMBER 31, 2016, 2017 AND 2018

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year/Present Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Industrial - Monthly</u>						
Customer Charge						
5/8		-	21.80	-	26.90	-
3/4		-	32.70	-	40.30	-
1		-	54.60	-	67.30	-
1 1/2		-	109.10	-	134.60	-
2		-	174.60	-	215.30	-
6		-	1,091.00	-	1,346.00	-
8		-	1,746.00	-	2,153.00	-
10		-	2,509.00	-	3,094.00	-
ConAgra Demand	12	-	2,460.00 (a)	29,520	-	-
Subtotal	12	-		29,520		-
First Block (First 160)	-	-	0.9898	-	1.2844	-
Second Block (Next 5,840)	-	(13,851)	0.7398	(10,247)	0.9717	(13,459)
Third Block (Over 6,000)	-	(930,068)	0.5866	(545,578)	0.7707	(716,803)
Hershey Commodity Change	-	1,925,613	0.0034 (b)	6,547	-	-
Hershey Commodity Addit. Usage	-	326,310	0.2284	74,529	0.2307	75,275
Hershey Penalty - DIS Contract	-	-	(98,602.77)	(98,603)	-	-
ConAgra Commodity	-	3,079,154	0.0010 (a)	3,079	-	-
Subtotal	-	4,387,158		(570,273)		(654,988)
Total	12	4,387,158		(540,753)		(654,988)

(a) Equal to the increase in ConAgra Demand and Commodity charges as of 12/8/2016

(b) Equal to the increase in the Hershey Commodity Charge as of 11/7/2016

<u>Municipal - Monthly</u>						
Customer Charge						
5/8	-	-	15.00	-	18.50	-
3/4	-	-	22.70	-	28.00	-
1	-	-	37.80	-	46.60	-
1 1/2	-	-	61.70	-	76.10	-
2	24	-	98.70	2,369	121.70	2,921
3	-	-	184.10	-	227.00	-
4	-	-	231.20	-	285.10	-
6	-	-	346.00	-	426.70	-
8	-	-	669.90	-	826.10	-
10	-	-	970.20	-	1,196.40	-
Subtotal	24	-		2,369		2,921
First Block (First 160)	-	-	0.9911	-	1.2844	-
Second Block (Over 160)	-	(55,901)	0.8153	(45,576)	0.8705	(48,662)
Test Year Adj Present Rates (First 160)	-	1,962,912	(0.0054)	(10,600)	-	-
Test Year Adj Present Rates (Over 160)	-	16,872,876	(0.0054)	(91,114)	-	-
First Block (First 160)	-	3,840	0.9857	3,785	1.2844	4,932
Second Block (Over 160)	-	19,826	0.8099	16,057	0.8705	17,259
Subtotal	-	18,803,554		(127,448)		(48,662)
Total	24	18,803,554		(125,079)		(45,741)

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

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO PROFORMA ADJUSTMENTS  
YEAR ENDED DECEMBER 31, 2016, 2017 AND 2018

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year/Present Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Other Water Utilities Monthly - Group A</u>						
Customer Charge						
6	-		1,091.00	-	1,345.0	-
Oakdale Demand	10		66.70 (c)	667	-	-
Subtotal	10	-		667		-
First Block	-	16,202	0.6730	10,904	0.7524	12,190
Farmington Commodity Adjustment				(1,454)		
Newtown-Artesian Commodity	-	438,980	0.0017 (d)	746	0.2420	106,233
Oakdale Commodity	-	245,600	0.0010 (c)	246	-	-
Evans City Commodity	-	49,223	0.0060 (e)	295	-	-
Evans City Commodity 2	-	743,097	0.0050 (e)	3,715	-	-
WACMA Commodity Rate	-	713,951	0.0070 (f)	4,998	-	-
WACMA Commodity Rate 2	-	3,617,369	0.0060 (f)	21,704	-	-
Subtotal	-	5,824,422		41,154		118,424
Total	10	5,824,422		41,821		118,424
<p>(c) Equal to the increase in Oakdale Demand and Commodity rates as of 10/24/2016  (d) Equal to the increase in Newtown-Artesian Commodity as of 7/1/2016.  (e) Equal to the increases in Evans City commodity rate on 1/1/2017.  (e) Equal to the increases in WACMA commodity rate on 2/11/2016 and 2/11/2017.</p>						
Total Other Water Utilities	10	5,824,422		\$ 41,821		\$ 118,424

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 1 - PAWC

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$16.11	\$18.50	\$2.40	14.87%
1,000	\$27.00	\$31.34	\$4.35	16.10%
2,000	\$37.88	\$44.19	\$6.31	16.66%
3,000	\$48.77	\$57.03	\$8.26	16.94%
3,000	\$48.77	\$57.03	\$8.26	16.94%
3,630 *	\$55.63	\$65.12	\$9.50	17.07%
4,000	\$59.66	\$69.88	\$10.21	17.12%
5,000	\$70.54	\$82.72	\$12.18	17.26%
6,000	\$81.43	\$95.56	\$14.13	17.35%
7,000	\$92.33	\$108.41	\$16.08	17.42%
8,000	\$103.22	\$121.25	\$18.03	17.47%
9,000	\$114.10	\$134.10	\$20.00	17.53%
10,000	\$124.99	\$146.94	\$21.95	17.56%
11,000	\$135.88	\$159.78	\$23.90	17.59%
12,000	\$146.76	\$172.63	\$25.86	17.62%
13,000	\$157.66	\$185.47	\$27.82	17.64%
14,000	\$168.55	\$198.32	\$29.77	17.66%
15,000	\$179.43	\$211.16	\$31.73	17.68%
16,000	\$190.32	\$224.00	\$33.68	17.70%
17,000	\$201.21	\$236.85	\$35.64	17.71%
18,000	\$212.09	\$249.69	\$37.60	17.73%
19,000	\$222.98	\$262.54	\$39.55	17.74%
20,000	\$233.88	\$275.38	\$41.50	17.75%
25,000	\$288.31	\$339.60	\$51.29	17.79%
30,000	\$342.76	\$403.82	\$61.06	17.81%
35,000	\$397.20	\$468.04	\$70.84	17.83%
40,000	\$451.64	\$532.26	\$80.62	17.85%
45,000	\$506.09	\$596.48	\$90.39	17.86%
50,000	\$560.52	\$660.70	\$100.18	17.87%
60,000	\$669.41	\$789.14	\$119.73	17.89%
70,000	\$778.30	\$917.58	\$139.28	17.90%
80,000	\$887.18	\$1,046.02	\$158.84	17.90%
90,000	\$996.06	\$1,174.46	\$178.40	17.91%
100,000	\$1,104.94	\$1,302.90	\$197.96	17.92%
110,000	\$1,213.83	\$1,431.34	\$217.51	17.92%
120,000	\$1,322.71	\$1,559.78	\$237.07	17.92%
130,000	\$1,431.60	\$1,688.22	\$256.62	17.93%
140,000	\$1,540.48	\$1,816.66	\$276.18	17.93%
150,000	\$1,649.36	\$1,945.10	\$295.74	17.93%
160,000	\$1,758.25	\$2,073.54	\$315.29	17.93%
170,000	\$1,867.13	\$2,201.98	\$334.85	17.93%
180,000	\$1,976.02	\$2,330.42	\$354.40	17.94%

\* Average monthly bill.

\*\* Present rates include 7.50% DSIC and -.13% STAS

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 40 - NITTANY

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

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$16.11	\$18.50	\$2.39	14.87%
1,000	\$23.73	\$31.34	\$7.61	32.08%
2,000	\$31.35	\$44.19	\$12.84	40.95%
3,000	\$38.98	\$57.03	\$18.05	46.32%
3,650 *	\$43.94	\$65.38	\$21.44	48.81%
4,000	\$46.60	\$69.88	\$23.28	49.96%
5,000	\$54.22	\$82.72	\$28.50	52.56%
6,000	\$61.85	\$95.56	\$33.71	54.52%
7,000	\$69.47	\$108.41	\$38.94	56.06%
8,000	\$77.09	\$121.25	\$44.16	57.28%
9,000	\$84.71	\$134.10	\$49.39	58.30%
10,000	\$92.34	\$146.94	\$54.60	59.13%
11,000	\$99.96	\$159.78	\$59.82	59.84%
12,000	\$107.58	\$172.63	\$65.05	60.46%
13,000	\$115.21	\$185.47	\$70.26	60.99%
14,000	\$122.83	\$198.32	\$75.49	61.46%
15,000	\$130.45	\$211.16	\$80.71	61.86%
16,000	\$138.08	\$224.00	\$85.92	62.23%
17,000	\$145.70	\$236.85	\$91.15	62.56%
18,000	\$153.32	\$249.69	\$96.37	62.85%
19,000	\$160.95	\$262.54	\$101.59	63.12%
20,000	\$168.57	\$275.38	\$106.81	63.36%
25,000	\$206.69	\$339.60	\$132.91	64.31%
30,000	\$244.80	\$403.82	\$159.02	64.96%
35,000	\$282.92	\$468.04	\$185.12	65.43%
40,000	\$321.04	\$532.26	\$211.22	65.79%
45,000	\$359.15	\$596.48	\$237.33	66.08%
50,000	\$397.27	\$660.70	\$263.43	66.31%
60,000	\$473.50	\$789.14	\$315.64	66.66%
70,000	\$549.73	\$917.58	\$367.85	66.91%
80,000	\$625.97	\$1,046.02	\$420.05	67.10%
90,000	\$702.20	\$1,174.46	\$472.26	67.25%
100,000	\$778.43	\$1,302.90	\$524.47	67.37%
110,000	\$854.67	\$1,431.34	\$576.67	67.47%
120,000	\$930.90	\$1,559.78	\$628.88	67.56%
130,000	\$1,007.13	\$1,688.22	\$681.09	67.63%
140,000	\$1,083.36	\$1,816.66	\$733.30	67.69%
150,000	\$1,159.60	\$1,945.10	\$785.50	67.74%
160,000	\$1,235.83	\$2,073.54	\$837.71	67.79%
170,000	\$1,312.06	\$2,201.98	\$889.92	67.83%
180,000	\$1,388.29	\$2,330.42	\$942.13	67.86%

\* Average monthly bill.

\*\* Present rates include 7.50% DSIC and -.13% STAS

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 46 - ALL SEASONS

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

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$14.76	\$18.50	\$3.74	25.34%
1,000	\$22.39	\$31.34	\$8.95	39.97%
2,000	\$30.01	\$44.19	\$14.18	47.25%
3,000	\$37.63	\$57.03	\$19.40	51.55%
3,630 *	\$42.44	\$65.12	\$22.68	53.44%
4,000	\$45.26	\$69.88	\$24.62	54.40%
5,000	\$52.88	\$82.72	\$29.84	56.43%
6,000	\$60.50	\$95.56	\$35.06	57.95%
7,000	\$68.13	\$108.41	\$40.28	59.12%
8,000	\$75.75	\$121.25	\$45.50	60.07%
9,000	\$83.37	\$134.10	\$50.73	60.85%
10,000	\$91.00	\$146.94	\$55.94	61.47%
11,000	\$98.62	\$159.78	\$61.16	62.02%
12,000	\$106.24	\$172.63	\$66.39	62.49%
13,000	\$113.87	\$185.47	\$71.60	62.88%
14,000	\$121.49	\$198.32	\$76.83	63.24%
15,000	\$129.11	\$211.16	\$82.05	63.55%
16,000	\$136.74	\$224.00	\$87.26	63.81%
17,000	\$144.36	\$236.85	\$92.49	64.07%
18,000	\$151.98	\$249.69	\$97.71	64.29%
19,000	\$159.61	\$262.54	\$102.93	64.49%
20,000	\$167.23	\$275.38	\$108.15	64.67%
25,000	\$205.35	\$339.60	\$134.25	65.38%
30,000	\$243.46	\$403.82	\$160.36	65.87%
35,000	\$281.58	\$468.04	\$186.46	66.22%
40,000	\$319.69	\$532.26	\$212.57	66.49%
45,000	\$357.81	\$596.48	\$238.67	66.70%
50,000	\$395.93	\$660.70	\$264.77	66.87%
60,000	\$472.16	\$789.14	\$316.98	67.13%
70,000	\$548.39	\$917.58	\$369.19	67.32%
80,000	\$624.62	\$1,046.02	\$421.40	67.47%
90,000	\$700.86	\$1,174.46	\$473.60	67.57%
100,000	\$777.09	\$1,302.90	\$525.81	67.66%
110,000	\$853.32	\$1,431.34	\$578.02	67.74%
120,000	\$929.56	\$1,559.78	\$630.22	67.80%
130,000	\$1,005.79	\$1,688.22	\$682.43	67.85%
140,000	\$1,082.02	\$1,816.66	\$734.64	67.90%
150,000	\$1,158.25	\$1,945.10	\$786.85	67.93%
160,000	\$1,234.49	\$2,073.54	\$839.05	67.97%
170,000	\$1,310.72	\$2,201.98	\$891.26	68.00%
180,000	\$1,386.95	\$2,330.42	\$943.47	68.02%

\* Average monthly bill.

\*\* Present rates include 7.50% DSIC and -.13% STAS

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 47 - BALSINGER

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

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES** (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$16.11	\$18.50	\$2.39	14.84%
1,000	\$20.08	\$31.34	\$11.26	56.08%
2,000	\$24.05	\$44.19	\$20.14	83.74%
3,000	\$28.02	\$57.03	\$29.01	103.53%
3,630 *	\$30.53	\$65.12	\$34.59	113.30%
4,000	\$32.00	\$69.88	\$37.88	118.38%
5,000	\$35.97	\$82.72	\$46.75	129.97%
6,000	\$39.94	\$95.56	\$55.62	139.26%
7,000	\$43.91	\$108.41	\$64.50	146.89%
8,000	\$47.89	\$121.25	\$73.36	153.18%
9,000	\$51.86	\$134.10	\$82.24	158.58%
10,000	\$55.83	\$146.94	\$91.11	163.19%
11,000	\$59.81	\$159.78	\$99.97	167.15%
12,000	\$63.78	\$172.63	\$108.85	170.66%
13,000	\$67.75	\$185.47	\$117.72	173.76%
14,000	\$71.72	\$198.32	\$126.60	176.52%
15,000	\$75.70	\$211.16	\$135.46	178.94%
16,000	\$79.67	\$224.00	\$144.33	181.16%
17,000	\$83.64	\$236.85	\$153.21	183.18%
18,000	\$87.61	\$249.69	\$162.08	185.00%
19,000	\$91.59	\$262.54	\$170.95	186.65%
20,000	\$95.56	\$275.38	\$179.82	188.17%
25,000	\$115.42	\$339.60	\$224.18	194.23%
30,000	\$135.29	\$403.82	\$268.53	198.48%
35,000	\$155.15	\$468.04	\$312.89	201.67%
40,000	\$175.01	\$532.26	\$357.25	204.13%
45,000	\$194.88	\$596.48	\$401.60	206.08%
50,000	\$214.74	\$660.70	\$445.96	207.67%
60,000	\$254.47	\$789.14	\$534.67	210.11%
70,000	\$294.19	\$917.58	\$623.39	211.90%
80,000	\$333.92	\$1,046.02	\$712.10	213.25%
90,000	\$373.65	\$1,174.46	\$800.81	214.32%
100,000	\$413.37	\$1,302.90	\$889.53	215.19%
110,000	\$453.10	\$1,431.34	\$978.24	215.90%
120,000	\$492.83	\$1,559.78	\$1,066.95	216.49%
130,000	\$532.56	\$1,688.22	\$1,155.66	217.00%
140,000	\$572.28	\$1,816.66	\$1,244.38	217.44%
150,000	\$612.01	\$1,945.10	\$1,333.09	217.82%
160,000	\$651.74	\$2,073.54	\$1,421.80	218.15%
170,000	\$691.46	\$2,201.98	\$1,510.52	218.45%
180,000	\$731.19	\$2,330.42	\$1,599.23	218.72%

\* Average monthly bill.

\*\* Present rates include 7.50% DSIC and -.13% STAS

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 50 - ACQUISITIONS

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

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$13.75	\$18.50	\$4.75	34.55%
1,000	\$22.85	\$31.34	\$8.49	37.16%
2,000	\$31.95	\$44.19	\$12.24	38.31%
3,000	\$41.05	\$57.03	\$15.98	38.93%
3,630 *	\$46.79	\$65.12	\$18.33	39.18%
4,000	\$50.15	\$69.88	\$19.73	39.34%
5,000	\$59.26	\$82.72	\$23.46	39.59%
6,000	\$68.36	\$95.56	\$27.20	39.79%
7,000	\$77.46	\$108.41	\$30.95	39.96%
8,000	\$86.56	\$121.25	\$34.69	40.08%
9,000	\$95.66	\$134.10	\$38.44	40.18%
10,000	\$104.76	\$146.94	\$42.18	40.26%
11,000	\$113.86	\$159.78	\$45.92	40.33%
12,000	\$122.96	\$172.63	\$49.67	40.40%
13,000	\$132.06	\$185.47	\$53.41	40.44%
14,000	\$141.16	\$198.32	\$57.16	40.49%
15,000	\$150.27	\$211.16	\$60.89	40.52%
16,000	\$159.37	\$224.00	\$64.63	40.55%
17,000	\$168.47	\$236.85	\$68.38	40.59%
18,000	\$177.57	\$249.69	\$72.12	40.61%
19,000	\$186.67	\$262.54	\$75.87	40.64%
20,000	\$195.77	\$275.38	\$79.61	40.67%
25,000	\$241.28	\$339.60	\$98.32	40.75%
30,000	\$286.78	\$403.82	\$117.04	40.81%
35,000	\$332.29	\$468.04	\$135.75	40.85%
40,000	\$377.79	\$532.26	\$154.47	40.89%
45,000	\$423.30	\$596.48	\$173.18	40.91%
50,000	\$468.80	\$660.70	\$191.90	40.93%
60,000	\$559.81	\$789.14	\$229.33	40.97%
70,000	\$650.82	\$917.58	\$266.76	40.99%
80,000	\$741.83	\$1,046.02	\$304.19	41.01%
90,000	\$832.84	\$1,174.46	\$341.62	41.02%
100,000	\$923.85	\$1,302.90	\$379.05	41.03%
110,000	\$1,014.86	\$1,431.34	\$416.48	41.04%
120,000	\$1,105.87	\$1,559.78	\$453.91	41.05%
130,000	\$1,196.88	\$1,688.22	\$491.34	41.05%
140,000	\$1,287.89	\$1,816.66	\$528.77	41.06%
150,000	\$1,378.90	\$1,945.10	\$566.20	41.06%
160,000	\$1,469.91	\$2,073.54	\$603.63	41.07%
170,000	\$1,560.92	\$2,201.98	\$641.06	41.07%
180,000	\$1,651.93	\$2,330.42	\$678.49	41.07%

\* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 51 - BERRY HOLLOW

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

CONSUMPTION 100 GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
-	\$18.20	\$18.50	\$0.30	1.65%
1,000	\$24.75	\$31.34	\$6.59	26.63%
2,000	\$31.30	\$44.19	\$12.89	41.18%
3,000	\$37.85	\$57.03	\$19.18	50.67%
3,630 *	\$41.80	\$65.12	\$23.32	55.79%
4,000	\$44.02	\$69.88	\$25.86	58.75%
5,000	\$50.03	\$82.72	\$32.69	65.34%
6,000	\$55.40	\$95.56	\$40.16	72.49%
7,000	\$60.57	\$108.41	\$47.84	78.98%
8,000	\$65.27	\$121.25	\$55.98	85.77%
9,000	\$69.97	\$134.10	\$64.13	91.65%
10,000	\$74.67	\$146.94	\$72.27	96.79%
11,000	\$79.37	\$159.78	\$80.41	101.31%
12,000	\$84.07	\$172.63	\$88.56	105.34%
13,000	\$88.77	\$185.47	\$96.70	108.93%
14,000	\$93.47	\$198.32	\$104.85	112.18%
15,000	\$98.17	\$211.16	\$112.99	115.10%
16,000	\$102.87	\$224.00	\$121.13	117.75%
17,000	\$107.57	\$236.85	\$129.28	120.18%
18,000	\$112.27	\$249.69	\$137.42	122.40%
19,000	\$116.97	\$262.54	\$145.57	124.45%
20,000	\$121.67	\$275.38	\$153.71	126.33%
25,000	\$145.17	\$339.60	\$194.43	133.93%
30,000	\$168.67	\$403.82	\$235.15	139.41%
35,000	\$192.17	\$468.04	\$275.87	143.56%
40,000	\$215.67	\$532.26	\$316.59	146.79%
45,000	\$239.17	\$596.48	\$357.31	149.40%
50,000	\$262.67	\$660.70	\$398.03	151.53%
60,000	\$309.67	\$789.14	\$479.47	154.83%
70,000	\$356.67	\$917.58	\$560.91	157.26%
80,000	\$403.67	\$1,046.02	\$642.35	159.13%
90,000	\$450.67	\$1,174.46	\$723.79	160.60%
100,000	\$497.67	\$1,302.90	\$805.23	161.80%
110,000	\$544.67	\$1,431.34	\$886.67	162.79%
120,000	\$591.67	\$1,559.78	\$968.11	163.62%
130,000	\$638.67	\$1,688.22	\$1,049.55	164.33%
140,000	\$685.67	\$1,816.66	\$1,130.99	164.95%
150,000	\$732.67	\$1,945.10	\$1,212.43	165.48%
160,000	\$779.67	\$2,073.54	\$1,293.87	165.95%
170,000	\$826.67	\$2,201.98	\$1,375.31	166.37%
180,000	\$873.67	\$2,330.42	\$1,456.75	166.74%

\* Average monthly bill.



PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 52 - MCEWENSVILLE

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$24.00	\$31.34	\$7.34	30.58%
2,000	\$30.00	\$44.19	\$14.19	47.30%
3,000	\$36.00	\$57.03	\$21.03	58.42%
3,630 *	\$39.78	\$65.12	\$25.34	63.70%
4,000	\$42.00	\$69.88	\$27.88	66.38%
5,000	\$48.00	\$82.72	\$34.72	72.33%
6,000	\$54.00	\$95.56	\$41.56	76.96%
7,000	\$60.00	\$108.41	\$48.41	80.68%
8,000	\$66.00	\$121.25	\$55.25	83.71%
9,000	\$72.00	\$134.10	\$62.10	86.25%
10,000	\$78.00	\$146.94	\$68.94	88.38%
11,000	\$84.00	\$159.78	\$75.78	90.21%
12,000	\$90.00	\$172.63	\$82.63	91.81%
13,000	\$96.00	\$185.47	\$89.47	93.20%
14,000	\$102.00	\$198.32	\$96.32	94.43%
15,000	\$108.00	\$211.16	\$103.16	95.52%
16,000	\$114.00	\$224.00	\$110.00	96.49%
17,000	\$120.00	\$236.85	\$116.85	97.38%
18,000	\$126.00	\$249.69	\$123.69	98.17%
19,000	\$132.00	\$262.54	\$130.54	98.89%
20,000	\$138.00	\$275.38	\$137.38	99.55%
25,000	\$168.00	\$339.60	\$171.60	102.14%
30,000	\$198.00	\$403.82	\$205.82	103.95%
35,000	\$228.00	\$468.04	\$240.04	105.28%
40,000	\$258.00	\$532.26	\$274.26	106.30%
45,000	\$288.00	\$596.48	\$308.48	107.11%
50,000	\$318.00	\$660.70	\$342.70	107.77%
60,000	\$378.00	\$789.14	\$411.14	108.77%
70,000	\$438.00	\$917.58	\$479.58	109.49%
80,000	\$498.00	\$1,046.02	\$548.02	110.04%
90,000	\$558.00	\$1,174.46	\$616.46	110.48%
100,000	\$618.00	\$1,302.90	\$684.90	110.83%
110,000	\$678.00	\$1,431.34	\$753.34	111.11%
120,000	\$738.00	\$1,559.78	\$821.78	111.35%
130,000	\$798.00	\$1,688.22	\$890.22	111.56%
140,000	\$858.00	\$1,816.66	\$958.66	111.73%
150,000	\$918.00	\$1,945.10	\$1,027.10	111.88%
160,000	\$978.00	\$2,073.54	\$1,095.54	112.02%
170,000	\$1,038.00	\$2,201.98	\$1,163.98	112.14%
180,000	\$1,098.00	\$2,330.42	\$1,232.42	112.24%

\* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY  
HERSHEY, PENNSYLVANIA

WASTEWATER OPERATIONS  
(EXCLUDING SCRANTON WASTEWATER OPERATIONS)

APPLICATION OF PRESENT AND PROPOSED RATES  
TO CONSUMPTION ANALYSIS FOR THE  
TWELVE MONTHS ENDED DECEMBER 31, 2016  
AND PRO FORMA REVENUE  
UNDER PRESENT AND PROPOSED RATES  
AS OF DECEMBER 31, 2018

GANNETT FLEMING, INC. - VALUATION AND RATE DIVISION

Harrisburg, Pennsylvania

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WASTEWATER OPERATIONS  
(EXCLUDING SCRANTON WASTEWATER OPERATIONS)

PENNSYLVANIA-AMERICAN WATER COMPANY

APPLICATION OF PRESENT AND PROPOSED RATES  
TO CONSUMPTION ANALYSIS FOR THE  
TWELVE MONTHS ENDED DECEMBER 31, 2016  
AND PRO FORMA REVENUE  
UNDER PRESENT AND PROPOSED RATES  
AS OF DECEMBER 31, 2018

WASTEWATER OPERATIONS  
(EXCLUDING SCRANTON WASTEWATER OPERATIONS)

INTRODUCTION

Wastewater (Excluding Scranton) 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, 2016, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2018. Schedules 3 and 4 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, 2016 and 2018. Schedules 5 through 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 3 summarizes the pro forma revenues under present rates. Column 2 presents the revenues per books adjusted for the removal of DSIC 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, 2016. The application of rates for the various rate zones and

customer classifications is summarized in Schedule 4, from the application of present rates in Schedule 5. The adjustment factor in column 4 is calculated by dividing column 2 by column 3.

Column 5 of Schedule 3 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. Column 7 shows the amount of DSIC revenue annualized for the test year and is added to columns 5 and 6 to arrive at the total pro forma revenues under present rates in column 8.

#### PROPOSED RATE APPLICATION

Schedule 1 summarizes the pro forma revenues under proposed rates for the twelve months ended December 31, 2018, 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 Zone 11, New Cumberland. Column 2 of Schedule 1 sets forth the pro forma revenues under present rates brought forward from column 8 of Schedule 3. Column 3 is the result of applying proposed rates to the detailed consumption analysis presented in Schedule 5 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 6. 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.

## COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES

Schedule 7 presents a comparison of customers' bills under present and proposed rates at various consumption levels for each rate zone for the residential classification. For the purposes of this comparison, the bills under present rates include the DSIC surcharge at 5.00%. The bills under proposed rates reflect Rate Zone 1 rates for all rate zones and customer classifications with exception of Zone 11, New Cumberland.

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER OPERATIONS EXCLUDING SCRANTON

SUMMARY OF PROFORMA REVENUE UNDER PROPOSED RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2016 AND 2018

Customer Classification (1)	Pro Forma Revenues, Present Rates (Schedule 3) (2)	Bill Analysis Revenues, Proposed Rates (Schedule 5) (3)	Adjustment Factor (Sch 3, col 4) (4)	Revenues Under Proposed Rates (5)=(4)X(3)	Pro Forma Adjustments Proposed Rates (Schedule 6) (6)	Total Pro Forma Revenue Proposed Rates (7)=(5)+(6)	Proposed Increase (8)=(7)-(2)	Percent Increase (9)
<b>METERED SALES</b>								
Residential	13,802,424	\$ 15,258,256	0.997748	\$ 15,223,889	\$ 1,631,704	\$ 16,855,593	\$ 3,053,169	22.1%
Commercial	3,377,677	3,518,931	0.994960	3,501,196	291,938	3,793,133	415,456	12.3%
Industrial	220,509	235,142	0.975452	229,370	(11,930)	217,440	(3,069)	-1.4%
Municipal	621,714	775,826	1.000024	775,844	(44,229)	731,615	109,901	17.7%
Total Non-Residential	4,219,900	4,529,899		4,506,410	235,778	4,742,188	522,288	12.4%
Large Industrial	947,849	1,081,060	0.975452	1,054,522		1,054,522	106,674	11.3%
Bulk Sales - Coatesville	4,310,091	4,689,226	0.999353	4,686,194		4,686,194	376,103	8.7%
Total Sales	23,280,262	25,558,441		25,471,015	1,867,482	27,338,497	4,058,234	
Other Operating Revenues	747,635	747,635		747,635	-	783,385	\$ 35,750	
Total	24,027,897	26,306,076	-	26,218,650	1,867,482	28,121,882	4,093,984	



## PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER OPERATIONS EXCLUDING SCRANTON

SUMMARY OF APPLICATION OF PROPOSED RATES TO CUSTOMER BILL ANALYSIS  
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2016 AND 2018

Wastewater Area (1)	Sch. Ref. (2)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Large Industrial (6)	Bulk Users (7)	Total (8)
<u>Proposed Rate Application</u>								
Zone 1 - Coatesville/Claysville		\$ 5,368,573	\$ 1,049,861	\$ 29,314	\$ 62,182	\$ 1,081,060	\$ 4,689,226	\$ 12,280,215
Zone 2 - Clarion/Pocono		3,866,968	1,012,551		529,736			5,409,255
Zone 3 - Northeast		2,078,759	137,692					2,216,451
Zone 4 - Koppel		239,883	8,023	146,687	8,748			403,341
Zone 5 - Franklin		232,228	16,533		20,508			269,268
Zone 6 - Paint Elk		209,796	252,448		422			462,666
Zone 7 - Hamiltonban		57,212	8,414	59,141				124,767
Zone 8 - Shippenville		138,094	11,337		1,002			150,433
Zone 9 - McEwensville		96,614	15,719		340			112,673
Zone 10 - Fairview		2,851,306	985,149		151,901			3,988,356
Zone 11 - New Cumberland		118,824	21,207		986			141,016
Total		15,258,256	3,518,931	235,142	775,826	1,081,060	4,689,226	25,558,441
<u>Proforma Adjustments</u>								
Zone 1 - Coatesville/Claysville		116,098		(11,930)				104,167
Zone 10 - Fairview		181,685	45,258		(62,714)			164,229
Zone 11 - New Cumberland		1,333,922	246,679		18,485			1,599,086
		1,631,704	291,938	(11,930)	(44,229)	-	-	1,867,482

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER OPERATIONS EXCLUDING SCRANTON  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2016 AND 2018

Customer Classification (1)	Adjusted Revenues, Per Books Present Rates 12/31/2016 (a) (2)	Bill Analysis Revenues, Present Rates (Schedule 5) (3)	Adjustment Factor (4)=(2)/(3)	Revenues Under Present Rates (5)=(4)X(3)	Pro Forma Adjustments Present Rates (Schedule 6) (6)	Add Back Annualized DSIC Revenue (7)	Total Present Rate Revenue (8)=(5)+(6)+(7)
<u>METERED SALES</u>							
Residential	11,830,550	\$ 11,857,257	0.99774763	\$ 11,830,550	\$ 1,557,318	\$ 414,556	\$ 13,802,424
Commercial	3,006,956	3,022,189	0.99495988	3,006,956	281,051	89,669	3,377,677
Industrial	188,128	192,863	0.97545186	188,128	(11,231)	43,612	220,509
Municipal	629,676	629,661	1.00002373	629,676	(42,818)	34,856	621,714
Total Non-Residential	3,824,761	3,844,713		3,824,761	227,001	168,137	4,219,900
Large Industrial	947,849	971,702	0.97545186	947,849			947,849
Bulk Sales/VA - Coatesville	4,119,401	4,122,066	0.99935343	4,119,401		190,690	4,310,091
Total Sales	20,722,561	20,795,738		20,722,561	1,784,319	773,383	23,280,262
Other Operating Revenues	690,097	690,097		690,097	57,538		747,635
Total	\$ 21,412,658	\$ 21,485,835		\$ 21,412,658	\$ 1,841,857	\$ 773,383	\$ 24,027,897

(a) Excludes Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER OPERATIONS EXCLUDING SCRANTON

SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS  
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2016 AND 2018

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 - Coatesville/Claysville		\$ 4,176,341	\$ 928,504	\$ 27,553	\$ 57,730	\$ 971,702	\$ 4,122,066	\$ 10,283,896
Zone 2 - Clarion/Pocono		2,454,378	725,706		385,429			3,565,513
Zone 3 - Northeast		1,609,970	147,776					1,757,746
Zone 4 - Koppel		156,459	6,569	105,530	12,454			281,012
Zone 5 - Franklin		274,124	20,043		24,863			319,030
Zone 6 - Paint Elk		229,256	173,214		504			402,974
Zone 7 - Hamiltonban		40,800	8,504	59,780	1,104			109,084
Zone 8 - Shipperville		121,922	9,835		576			132,861
Zone 9 - McEwensville		75,344	13,543		146,039			89,463
Zone 10 - Fairview		2,602,714	967,803		962			3,716,556
Zone 11 - New Cumberland		115,949	20,691					137,602
Total		11,857,257	3,022,189	192,863	629,661	971,702	4,122,066	20,795,738
<u>Proforma Adjustments</u>								
Zone 1 - Coatesville/Claysville		89,838		(11,231)	(60,853)			78,607
Zone 10 - Fairview		165,844	40,370		18,035			145,361
Zone 11 - New Cumberland		1,301,635	240,681					1,560,351
Total		1,557,318	281,051	(11,231)	(42,818)	-	-	1,784,319

PENNSYLVANIA-AMERICAN WATER COMPANY  
RATE ZONE 1

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 Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge	75,185	-	\$ 7.50	\$ 563,890	\$ 10.00	\$ 751,854
Low Income	3,532	-	6.38	22,517	8.50	30,022
All Usage	-	2,600,186	1.2880	3,349,040	1.6560	4,305,909
Low Income	-	146,077	1.0948	159,925	1.4080	205,676
Subtotal	-	2,746,263		3,508,965		4,511,585
Total	78,717	2,746,263		4,095,372		5,293,461
Unmetered Sales	1,071	-	75.58	80,970	70.11	75,113
Total Residential	79,789	2,746,263		4,176,341		5,368,573
<u>Non-Residential - Commercial - Monthly</u>						
Customer Charge - 5/8 "	2,578	-	\$ 7.50	19,334	\$ 25.00	64,446
Customer Charge - 3/4"- 1 1/2"	901	-	10.00	9,014	25.00	22,535
Customer Charge - 2" and up	2,585	-	20.00	51,707	25.00	64,633
	6,065			80,055		151,615
All Usage		737,829	1.1194	825,926	1.1891	877,352
Subtotal	-	737,829		825,926		877,352
Total	6,065	737,829		905,981		1,028,967
Unmetered Sales	298	-	75.58	22,523	70.11	20,894
Total Commercial	6,363	737,829		928,504		1,049,861
<u>Non-Residential - Public - Monthly</u>						
Customer Charge	228	-	20.00	4,564	25.00	5,705
All Usage		47,495	1.1194	53,166	1.1891	56,476
Subtotal	-	47,495		53,166		56,476
Total	228	47,495		57,730		62,182

PENNSYLVANIA-AMERICAN WATER COMPANY  
RATE ZONE 1

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 Rate (6)	Proposed Revenue (7)
<u>Non-Residential Industrial Regular Rate - Monthly</u>						
Customer Charge	12	-	20.00	240	25.00	300
First Block	-	24,400	1.1194	27,313	1.1891	29,014
Second Block	-	-	1.1194	-	1.1891	-
Third Block	-	-	1.1194	-	1.1891	-
Subtotal	-	24,400		27,313		29,014
Total	12	24,400		27,553		29,314
<u>Large Industrial Special Rate - Monthly</u>						
Customer Charge	24	-	250.00	6,000	250.00	6,000
All Usage	-	983,440	0.8528	838,678	0.9640	948,036
Subtotal	-	983,440		838,678		948,036
Total	24	983,440		844,678		954,036
Sampling and IPP charges				127,024		127,024
Total - Large Industrial				971,702		1,081,060
Total Industrial	36	1,007,840		999,255		1,110,374
<u>Bulk Users</u>						
Customer Charge	48	-	250.00	12,000	250.00	12,000
All Usage	-	4,420,053	0.8664	3,829,534	0.9870	4,362,592
Subtotal	-	4,420,053		3,829,534		4,362,592
Total	48	4,420,053		3,841,534		4,374,592
Sampling Charges				-		-
Industrial Waste Surcharges				24,250		24,250
Total Bulk Users	48	4,420,053		3,865,784		4,398,842
<u>VA Hospital - Monthly</u>						
Customer Charge	12	-	250.00	3,000	250.00	3,000
All Usage	-	282,760	0.8664	244,983	0.9870	279,084
Subtotal	-	282,760		244,983		279,084
Total	12	282,760		247,983		282,084
Sampling Charges				1,185		1,185
IPP Surcharges				7,115		7,115

PENNSYLVANIA-AMERICAN WATER COMPANY  
RATE ZONE 1

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 Rate (6)	Proposed Revenue (7)
Total VA Hospital	12	282,760		256,282		290,384
	<hr/>	<hr/>		<hr/>		<hr/>
Total System	<u>86,475</u>	<u>9,242,240</u>		<u>10,283,896</u>		<u>12,280,215</u>

PENNSYLVANIA-AMERICAN WATER COMPANY  
RATE ZONE 2

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)	Total Consumption (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential Metered - Monthly</u>							
Customer Charge	60,975		\$ 7.50	\$ 457,315		\$ 10.00	\$ 609,754
Low Income	2,833		6.38	18,075		8.50	24,081
Usage	-	1,841,197	1.0135	1,866,053	1,841,197	1.6560	3,049,022
Low Income	-	127,774	0.8615	110,077	127,774	1.4080	179,905
Subtotal	-	<u>1,968,971</u>		<u>1,976,130</u>	<u>1,968,971</u>		<u>3,228,927</u>
Total	63,808	1,968,971		2,451,520	1,968,971		3,862,761
<u>Residential Unmetered - Monthly</u>							
Service Charge*	<u>60</u>		47.63	<u>2,858</u>		70.11	<u>4,207</u>
Total Residential	63,868	1,968,971		2,454,378	1,968,971		3,866,968
<u>Commercial Metered - Monthly</u>							
Customer Charge	3,810		20.00	76,204		25.00	95,255
Usage - Up to 160	-	228,889	1.0073	230,560	228,889	1.1891	272,172
Usage - Over 160	-	<u>542,531</u>	0.7722	<u>418,942</u>	<u>542,531</u>	1.1891	<u>645,124</u>
Subtotal	-	<u>771,420</u>		<u>649,502</u>	<u>771,420</u>		<u>917,296</u>
Total Commercial	3,810	771,420		725,706	771,420		1,012,551

PENNSYLVANIA-AMERICAN WATER COMPANY  
RATE ZONE 2

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)	Total Consumption (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Industrial Metered - Monthly</u>							
Customer Charge	-		20.00	-	-	25.00	-
First Block	-	-	1.0073	-	-	1.1891	-
Second Block	-	-	0.7519	-	-	1.1891	-
Subtotal	-	-		-	-		-
Total Industrial	-	-		-	-		-
<u>Municipal Metered - Monthly</u>							
Customer Charge	240		20.00	4,800	-	25.00	6,000
Usage - First 160	-	20,009	1.0073	20,155	20,009	1.1891	23,793
Usage - Over 160	-	386,093	0.8423	325,206	386,093	1.1891	459,103
Subtotal	-	406,102		345,361	406,102		482,896
Total Municipal Metered	240	406,102		350,161	406,102		488,896
<u>Municipal Unmetered - Monthly</u>							
Customer Charge	12	-	2,939.00	35,268		3,403.40	40,841
Total Municipal	252	406,102		385,429	406,102		529,736
Total - Clarion	67,931	3,146,493		\$ 3,565,513	3,146,493		\$ 5,409,255



PENNSYLVANIA-AMERICAN WATER COMPANY  
RATE ZONE 3 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 Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge	37,548		\$ 7.50	281,611	\$ 10.00	375,482
Low Income	1,807		6.38	11,529	6.38	11,529
All Usage	-	951,630	1.2880	1,225,700	1.6560	1,575,900
Low Income Usage	-	69,133	1.0948	75,686	1.4080	97,339
Subtotal	-	1,020,763		1,301,386		1,673,239
Total Residential	39,355	1,020,763		1,594,526		2,060,249
<u>Residential Monthly - Flat Rate</u>						
Customer Charge	264		58.50	15,444	70.11	18,510
Total - Residential	39,619	1,020,763		1,609,970		2,078,759
<u>Commercial - Monthly</u>						
Customer Charge 5/8" & 3/4"	193		20.00	3,865	25.00	4,831
1"	-		20.00	-	25.00	-
2"	-		20.00	-	25.00	-
4"	-		20.00	-	25.00	-
Total - Service Charge	193			3,865		4,831
All Usage	-	111,732	1.2880	143,911	1.1891	132,861
Subtotal	-	111,732		143,911		132,861
Total Commercial	193	111,732		147,776		137,692
Total Zone	39,812	1,132,495		1,757,746		2,216,451

\* Based on average monthly consumption of 3,960 gallons

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 4 - KOPPEL 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 Consumption	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>							
Customer Charge	3,880	98,292	38.36	148,848	-	10.00	38,803
Low Income		-	38.36	-	-	8.50	-
All Usage	-	23,133	0.3290	7,611	121,425	1.6560	201,080
Low Income	-	-	0.3290	-	-	1.4080	-
Subtotal	-	23,133		7,611	121,425		201,080
Total Residential	3,880	121,425		156,459	121,425		239,883
<u>Non-Residential - Commercial - Monthly</u>							
Customer Charge - 5/8 "	166	2,633	38.36	6,363	-	25.00	4,147
Customer Charge - 3/4"- 1 1/2"	-	-	38.36	-	-	25.00	-
Customer Charge - 2" and up	-	-	38.36	-	-	25.00	-
	166	2,633		6,363			4,147
All Usage	-	627	0.3290	206	3,260	1.1891	3,876
Subtotal	-	627		206	3,260		3,876
Total Commercial	166	3,260		6,569	3,260		8,023
<u>Non-Residential - Public - Monthly</u>							
Customer Charge	322	278	38.36	12,352	-	25.00	8,050
All Usage	-	309	0.3290	102	587	1.1891	698
Subtotal	-	309		102	587		698
Total	322	587		12,454	587		8,748
<u>Non-Residential Industrial - Monthly</u>							
Koppel Steel Fixed Charge	12	-	7,144	85,734	-	9,931	119,170
PSC Metals Fixed Charge	12	-	460	5,525	-	640	7,680
PSSM Fixed Charge	12	-	1,189	14,271	-	1,653	19,837
Total - Industrial	36	-		105,530	-		146,687
Total System	4,404	125,272		281,012	125,272		403,341

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 5 - FRANKLIN 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 Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Unmetered Sales	3,150	-	\$ 85.00	\$ 267,767	\$ 70.11	\$ 220,869
Unmetered Sales - Sand Mound	162	-	39.24	6,357	70.11	11,358
Total Residential	<u>3,312</u>	<u>-</u>		<u>274,124</u>		<u>232,228</u>
<u>Non-Residential - Commercial - Monthly</u>						
Unmetered Sales	<u>236</u>	<u>-</u>	85.00	<u>20,043</u>	70.11	<u>16,533</u>
Total Commercial	236	-		20,043		16,533
<u>Non-Residential - Public - Monthly</u>						
Unmetered Sales	<u>293</u>	<u>-</u>	85.00	<u>24,863</u>	70.11	<u>20,508</u>
Total	293	-		24,863		20,508
Total System	<u><u>3,841</u></u>	<u><u>-</u></u>		<u><u>\$ 319,030</u></u>		<u><u>\$ 269,268</u></u>

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 6 - PAINT ELK 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 Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge	3,827	-	\$ 36.00	\$ 137,788	\$ 10.00	\$ 38,275
Low Income		-	36.00	-	8.50	-
All Usage	-		0.7000	-	1.6560	-
Low Income	-	113,578	0.7000	79,505	1.4076	159,872
Subtotal	-	113,578		79,505		159,872
Total	3,827	113,578		217,293		198,147
Unmetered Sales	166	-	72.00	11,963	70.11	11,649
Total Residential	3,994	113,578		229,256		209,796
<u>Non-Residential - Commercial - Monthly</u>						
Customer Charge - 5/8 "	1,156	-	36.00	41,615	25.00	28,899
Customer Charge - 3/4"- 1 1/2"	-	-	36.00	-	25.00	-
Customer Charge - 2" and up	-	-	36.00	-	25.00	-
	1,156			41,615		28,899
All Usage		187,998	0.7000	131,599	1.1891	223,548
Subtotal	-	187,998		131,599		223,548
Total Commercial	1,156	187,998		173,214		252,448
<u>Non-Residential - Public - Monthly</u>						
Customer Charge	12	-	36.00	432	25.00	300
All Usage		103	0.7000	72	1.1891	122
Subtotal	-	103		72		122
Total	12	103		504		422
Total System	5,162	301,679		\$ 402,974		\$ 462,666

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 7 - HAMILTONBAN 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 Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Unmetered Sales	816	-	\$ 50.00	\$ 40,800	\$ 70.11	\$ 57,212
Total Residential	<u>816</u>	<u>-</u>		<u>40,800</u>		<u>57,212</u>
<u>Non-Residential - Commercial - Monthly</u>						
Unmetered Sales	<u>120</u>	<u>-</u>	70.87	<u>8,504</u>	70.11	<u>8,414</u>
Total Commercial	120	-		8,504		8,414
<u>Non-Residential - Knouss Foods - Monthly</u>						
Unmetered Sales	<u>12</u>	<u>-</u>	4,981.67	<u>59,780</u>	4,928.44	<u>59,141</u>
Total	12	-		59,780		59,141
Total System	<u>948</u>	<u>-</u>		<u>\$ 109,084</u>		<u>\$ 124,767</u>

\* Based on 70 EDU's.

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 8 - SHIPPENVILLE 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 Bills (7)	Proposed Consumption (8)	Proposed Rate (9)	Proposed Revenue (10)
<u>Residential - Monthly</u>								
Customer Charge	2,457	40,688	\$ 42.00	\$ 103,177	2,491	-	\$ 10.00	\$ 24,566
Low Income		-	42.00	-		-	8.50	-
All Usage	-	26,624	0.6500	17,306		68,556	1.6560	113,528
Low Income	-	-	0.6500	-		-	1.4076	-
Subtotal	-	26,624		17,306	-	68,556		113,528
Flat Rate	34	-	42.00	1,439	-	-	70.11	-
Total Residential	2,491	67,312		121,922	2,491	68,556		138,094
<u>Non-Residential - Commercial - Monthly</u>								
Customer Charge - 5/8 "	181	2,290	42.00	7,599		-	25.00	4,523
Customer Charge - 3/4"- 1 1/2"	-	-	42.00	-		-	25.00	-
Customer Charge - 2" and up	-	-	42.00	-		-	25.00	-
	181	2,290		7,599				4,523
All Usage		3,440	0.6500	2,236		5,730	1.1891	6,814
Subtotal	-	3,440		2,236		5,730		6,814
Total Commercial	181	5,730		9,835		5,730		11,337
<u>Non-Residential - Public - Monthly</u>								
Customer Charge	25	234	42.00	1,050		-	25.00	625
All Usage		83	0.6500	54		317	1.1891	377
Subtotal	-	83		54		317		377
Total	25	317		1,104		317		1,002
Total System	2,697	73,359		\$ 132,861		74,603		\$ 150,433

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 9 - MCEWENSVILLE 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)	Total Consumption (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>							
Flat Rate/Customer Charge Low Income	1,570	-	\$ 48.00	\$ 75,344		\$ 10.00 \$ 8.50	\$ 15,697
All Usage Low Income		-	\$ -		48,863	1.6560 1.4080	80,917 -
Total Residential	<u>1,570</u>	<u>-</u>		<u>75,344</u>	<u>48,863</u>		<u>96,614</u>
<u>Non-Residential - Commercial - Monthly</u>							
Flat Rate/Customer Charge	282	-	48.00	13,543		25.00	\$ 7,054
All Usage			-	-	7,287	1.1891	8,665
Total Commercial	<u>282</u>	<u>-</u>		<u>13,543</u>	<u>7,287</u>		<u>\$ 15,719</u>
<u>Non-Residential - Public - Monthly</u>							
Flat Rate/Customer Charge	12	-	48.00	576		\$ 25.00	300
All Usage		-	-	-	34	1.1891	40
Total	<u>12</u>	<u>-</u>		<u>576</u>	<u>34</u>		<u>340</u>
Total System	<u>1,864</u>	<u>-</u>		<u>\$ 89,463</u>			<u>\$ 112,673</u>

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 10 - FAIRVIEW 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 Consumption	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>							
Flat Rate/Customer Charge Low Income	40,667	-	\$ 64.00	\$ 2,602,714	-	\$ 10.00 \$ 8.50	\$ 406,674 -
All Usage Low Income		-	\$ -	\$ -	1,476,227	\$ 1.66 \$ 1.41	2,444,632 -
Total Residential	<u>40,667</u>	<u>-</u>		<u>\$ 2,602,714</u>	<u>1,476,227</u>		<u>\$ 2,851,306</u>
<u>Non-Residential - Commercial - Monthly</u>							
Customer Charge - 5/8 "	2,120	76,795	77.67	164,632	-	25.00	52,991
Customer Charge - 3/4"- 1 1/2"	-	-	77.67	-	-	25.00	-
Customer Charge - 2" and up	-	-	77.67	-	-	25.00	-
	<u>2,120</u>	<u>76,795</u>		<u>164,632</u>	<u>-</u>		<u>52,991</u>
All Usage Subtotal	<u>-</u>	<u>546,837</u> <u>546,837</u>	1.1506	<u>629,191</u> <u>629,191</u>	<u>623,632</u> <u>623,632</u>	1.1891	<u>741,561</u> <u>741,561</u>
Flat Rate	2,718	-	64.00	173,980	-	70.11	190,597
Total Commercial	<u>4,838</u>	<u>623,632</u>		<u>967,803</u>	<u>623,632</u>		<u>985,149</u>
<u>Non-Residential - Public - Monthly</u>							
Customer Charge	96	5,283	77.67	7,457	-	25.00	2,400
All Usage Subtotal	<u>-</u>	<u>120,443</u> <u>120,443</u>	1.1506	<u>138,582</u> <u>138,582</u>	<u>125,726</u> <u>125,726</u>	1.1891	<u>149,501</u> <u>149,501</u>
Total	<u>96</u>	<u>125,726</u>		<u>146,039</u>	<u>125,726</u>		<u>151,901</u>
Total System	<u><u>45,601</u></u>	<u><u>749,358</u></u>		<u><u>\$ 3,716,556</u></u>	<u><u>2,225,585</u></u>		<u><u>\$ 3,988,356</u></u>



PENNSYLVANIA-AMERICAN WATER COMPANY  
NEW CUMBERLAND 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 Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge	2,824		\$ 25.54	72,125	\$ 26.17	73,904
Low Income	-		25.54	-	22.24	-
First 2,100	-	50,468	-	-	-	-
Next 900	-	14,401	1.2010	17,296	1.2310	17,728
Next 3,000	-	19,796	1.0220	20,232	1.0476	20,738
Next 16,300	-	6,209	0.8180	5,079	0.8385	5,206
Next 52,300	-	1,555	0.6150	956	0.6304	980
Over 74,600	-	507	0.5140	261	0.5269	267
Subtotal	-	92,936		43,824		44,920
Total Residential	2,824	92,936		115,949		118,824
<u>Commercial - Monthly</u>						
Customer Charge						
5/8" & 3/4"	278		25.54	7,100	26.17	7,275
1"			25.54	-	26.17	-
1 1/2"			25.54	-	26.17	-
2"			25.54	-	26.17	-
3"			25.54	-	26.17	-
4"			25.54	-	26.17	-
Total - Service Charge	278			7,100		7,275
First 2,100	-	4,983	-	-	-	-
Next 900	-	1,760	1.2010	2,114	1.2310	2,167
Next 3,000	-	4,132	1.0220	4,223	1.0476	4,329
Next 16,300	-	7,098	0.8180	5,806	0.8385	5,952
Next 52,300	-	2,005	0.6150	1,233	0.6304	1,264
Over 74,600	-	419	0.5140	215	0.5269	221
Subtotal	-	20,397		13,591		13,932
Total Commercial	278	20,397		20,691		21,207

PENNSYLVANIA-AMERICAN WATER COMPANY  
NEW CUMBERLAND 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 Rate (6)	Proposed Revenue (7)
<u>Public - Monthly</u>						
Customer Charge						
5/8" & 3/4"	10		25.54	255	26.17	262
1"			25.54	-	26.17	-
2"			25.54	-	26.17	-
6"			25.54	-	26.17	-
Total - Service Charge	10			255		262
First 2,100	-	114	-	-	-	-
Next 900	-	40	1.2010	48	1.2310	49
Next 3,000	-	86	1.0220	88	1.0476	90
Next 16,300	-	326	0.8180	267	0.8385	273
Next 52,300	-	494	0.6150	304	0.6304	311
Over 74,600	-		0.5140	-	0.5269	-
Subtotal	-	1,060		707		724
Total Public	10	1,060		962		986
Total Zone	3,112	114,393		137,602		141,016

PENNSYLVANIA-AMERICAN WATER COMPANY  
RATE ZONE 1

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO ADJUSTMENTS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge	1,656	-	\$ 7.50	\$ 12,420	\$ 10.00	\$ 16,560
Low Income	-	-	6.38	-	8.50	-
All Usage	-	60,107	1.2880	77,418	1.6560	99,538
Low Income	-	-	1.0948	-	1.4080	-
Subtotal	-	60,107		77,418		99,538
Total	1,656	60,107		89,838		116,098
Unmetered Sales	-	-	75.58	-	70.11	-
Total Residential	1,656	60,107		89,838		116,098

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 10 - FAIRVIEW WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO ADJUSTMENTS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>							
Flat Rate/Customer Charge Low Income	2,591	-	\$ 64.00	\$ 165,844	-	\$ 10.00 \$ 8.50	\$ 25,913
All Usage Low Income					94,065 -	\$ 1.66 \$ 1.41	155,772 -
Total Residential	<u>2,591</u>	<u>-</u>		<u>\$ 165,844</u>	<u>94,065</u>		<u>\$ 181,685</u>
<u>Non-Residential - Commercial - Monthly</u>							
Customer Charge - 5/8 "	(35)	533	77.67	(2,708)	-	25.00	(872)
Customer Charge - 3/4"- 1 1/2"	-	-	77.67	-	-	25.00	-
Customer Charge - 2" and up	-	-	77.67	-	-	25.00	-
	<u>(35)</u>	<u>533</u>		<u>(2,708)</u>	<u>-</u>		<u>(872)</u>
All Usage Subtotal	<u>-</u>	<u>23,756</u> <u>23,756</u>	1.1506	<u>27,334</u> <u>27,334</u>	<u>24,289</u> <u>24,289</u>	1.1891	<u>28,882</u> <u>28,882</u>
Flat Rate	246	-	64.00	15,744	-	70.11	17,248
Total Commercial	211	24,289		40,370	24,289		45,258
<u>Non-Residential - Public - Monthly</u>							
Customer Charge	-	147	77.67	-	-	25.00	-
All Usage Subtotal	<u>-</u>	<u>(52,888)</u> <u>(52,888)</u>	1.1506	<u>(60,853)</u> <u>(60,853)</u>	<u>(52,741)</u> <u>(52,741)</u>	1.1891	<u>(62,714)</u> <u>(62,714)</u>
Total	-	(52,741)		(60,853)	(52,741)		(62,714)
Total System	<u>2,802</u>	<u>(28,452)</u>		<u>\$ 145,361</u>	<u>65,613</u>		<u>\$ 164,229</u>

PENNSYLVANIA-AMERICAN WATER COMPANY  
NEW CUMBERLAND WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO ADJUSTMENTS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge	31,291		\$ 25.54	799,172	\$ 26.17	818,885
Low Income	-		25.54	-	6.38	-
First 2,100	-	556,984	-	-	-	-
Next 900	-	160,693	1.2010	192,992	1.2310	197,813
Next 3,000	-	226,824	1.0220	231,814	1.0476	237,621
Next 16,300	-	78,139	0.8180	63,918	0.8385	65,520
Next 52,300	-	16,715	0.6150	10,280	0.6304	10,537
Over 74,600	-	6,729	0.5140	3,459	0.5269	3,546
Subtotal	-	1,046,084		502,463		515,036
Total Residential	31,291	1,046,084		1,301,635		1,333,922
<u>Commercial - Monthly</u>						
Customer Charge						
5/8" & 3/4"	2,757		25.54	70,414	26.17	72,151
1"	88		25.54	2,248	26.17	2,303
1 1/2"	48		25.54	1,226	26.17	1,256
2"	24		25.54	613	26.17	628
3"	6		25.54	153	26.17	157
4"	36		25.54	919	26.17	942
Total - Service Charge	2,959			75,573		77,437
First 2,100	-	42,231	-	-	-	-
Next 900	-	22,605	1.2010	27,149	1.2310	27,827
Next 3,000	-	56,600	1.0220	57,845	1.0476	59,294
Next 16,300	-	87,692	0.8180	71,732	0.8385	73,530
Next 52,300	-	10,726	0.6150	6,596	0.6304	6,762
Over 74,600	-	3,474	0.5140	1,786	0.5269	1,830
Subtotal	-	223,328		165,108		169,242
Total Commercial	2,959	223,328		240,681		246,679

PENNSYLVANIA-AMERICAN WATER COMPANY  
NEW CUMBERLAND WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND PROPOSED RATES TO ADJUSTMENTS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Public - Monthly</u>						
Customer Charge						
5/8" & 3/4"	59		25.54	1,513	26.17	1,551
1"	36		25.54	919	26.17	942
2"	23		25.54	587	26.17	602
6"	<u>12</u>		25.54	<u>306</u>	26.17	<u>314</u>
Total - Service Charge	130			3,327		3,409
First 2,100	-	2,435	-	-	-	-
Next 900	-	891	1.2010	1,070	1.2310	1,097
Next 3,000	-	2,578	1.0220	2,635	1.0476	2,701
Next 16,300	-	8,142	0.8180	6,660	0.8385	6,827
Next 52,300	-	5,987	0.6150	3,682	0.6304	3,774
Over 74,600	-	<u>1,286</u>	0.5140	<u>661</u>	0.5269	<u>678</u>
Subtotal	-	21,319		14,708		15,076
Total Public	130	21,319		18,035		18,485
Total Zone	34,380	1,290,731		1,560,351		1,599,086

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 1 - COATESVILLE/CLAYSVILLE/CLEAN TREATMENT

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$7.87	\$10.00	\$2.14	27.15%
1,000	\$21.37	\$26.56	\$5.19	24.29%
2,000	\$34.88	\$43.12	\$8.24	23.61%
3,000	\$48.39	\$59.68	\$11.29	23.34%
3,630 *	\$56.90	\$70.11	\$13.22	23.23%
4,000	\$61.89	\$76.24	\$14.35	23.18%
5,000	\$75.41	\$92.80	\$17.40	23.07%
6,000	\$88.91	\$109.36	\$20.45	23.00%
7,000	\$102.41	\$125.92	\$23.51	22.95%
8,000	\$115.93	\$142.48	\$26.55	22.90%
9,000	\$129.43	\$159.04	\$29.61	22.88%
10,000	\$142.94	\$175.60	\$32.67	22.85%
11,000	\$156.45	\$192.16	\$35.71	22.83%
12,000	\$169.95	\$208.72	\$38.77	22.81%
13,000	\$183.46	\$225.28	\$41.82	22.80%
14,000	\$196.97	\$241.84	\$44.87	22.78%
15,000	\$210.48	\$258.40	\$47.93	22.77%
16,000	\$223.98	\$274.96	\$50.98	22.76%
17,000	\$237.49	\$291.52	\$54.03	22.75%
18,000	\$251.00	\$308.08	\$57.08	22.74%
19,000	\$264.50	\$324.64	\$60.14	22.74%
20,000	\$278.02	\$341.20	\$63.18	22.73%
25,000	\$345.55	\$424.00	\$78.46	22.70%
30,000	\$413.09	\$506.80	\$93.72	22.69%
35,000	\$480.62	\$589.60	\$108.99	22.68%
40,000	\$548.16	\$672.40	\$124.25	22.67%
45,000	\$615.70	\$755.20	\$139.51	22.66%
50,000	\$683.23	\$838.00	\$154.78	22.65%

\* Average monthly bill.

\*\* Present Bill includes 5.0% DSIC and -0.13% STAS.

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 2 - CLARION/POCONO

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$7.87	\$10.00	\$2.14	27.15%
1,000	\$18.50	\$26.56	\$8.06	43.59%
2,000	\$29.12	\$43.12	\$14.00	48.08%
3,000	\$39.75	\$59.68	\$19.93	50.14%
3,630 *	\$46.44	\$70.11	\$23.67	50.96%
4,000	\$50.38	\$76.24	\$25.86	51.32%
5,000	\$61.00	\$92.80	\$31.80	52.12%
6,000	\$71.64	\$109.36	\$37.72	52.66%
7,000	\$82.27	\$125.92	\$43.65	53.06%
8,000	\$92.89	\$142.48	\$49.59	53.39%
9,000	\$103.52	\$159.04	\$55.52	53.63%
10,000	\$114.15	\$175.60	\$61.45	53.83%
11,000	\$124.78	\$192.16	\$67.38	53.99%
12,000	\$135.41	\$208.72	\$73.31	54.14%
13,000	\$146.04	\$225.28	\$79.24	54.26%
14,000	\$156.67	\$241.84	\$85.17	54.36%
15,000	\$167.29	\$258.40	\$91.11	54.46%
16,000	\$177.92	\$274.96	\$97.04	54.54%
17,000	\$188.55	\$291.52	\$102.97	54.61%
18,000	\$199.18	\$308.08	\$108.90	54.68%
19,000	\$209.81	\$324.64	\$114.83	54.73%
20,000	\$220.44	\$341.20	\$120.76	54.78%
25,000	\$273.58	\$424.00	\$150.42	54.98%
30,000	\$326.72	\$506.80	\$180.08	55.12%
35,000	\$379.87	\$589.60	\$209.73	55.21%
40,000	\$433.01	\$672.40	\$239.40	55.29%
45,000	\$486.15	\$755.20	\$269.05	55.34%
50,000	\$539.29	\$838.00	\$298.71	55.39%

\* Average monthly bill.

\*\* Present Bill includes 5.0% DSIC and -0.13% STAS.



PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 3 - LEHMAN PIKE/WINONA/BLUE MTN.

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$7.87	\$10.00	\$2.14	27.15%
1,000	\$21.37	\$26.56	\$5.19	24.29%
2,000	\$34.88	\$43.12	\$8.24	23.61%
3,000	\$48.39	\$59.68	\$11.29	23.34%
3,630 *	\$56.90	\$70.11	\$13.22	23.23%
4,000	\$61.89	\$76.24	\$14.35	23.18%
5,000	\$75.41	\$92.80	\$17.40	23.07%
6,000	\$88.91	\$109.36	\$20.45	23.00%
7,000	\$102.41	\$125.92	\$23.51	22.95%
8,000	\$115.93	\$142.48	\$26.55	22.90%
9,000	\$129.43	\$159.04	\$29.61	22.88%
10,000	\$142.94	\$175.60	\$32.67	22.85%
11,000	\$156.45	\$192.16	\$35.71	22.83%
12,000	\$169.95	\$208.72	\$38.77	22.81%
13,000	\$183.46	\$225.28	\$41.82	22.80%
14,000	\$196.97	\$241.84	\$44.87	22.78%
15,000	\$210.48	\$258.40	\$47.93	22.77%
16,000	\$223.98	\$274.96	\$50.98	22.76%
17,000	\$237.49	\$291.52	\$54.03	22.75%
18,000	\$251.00	\$308.08	\$57.08	22.74%
19,000	\$264.50	\$324.64	\$60.14	22.74%
20,000	\$278.02	\$341.20	\$63.18	22.73%
25,000	\$345.55	\$424.00	\$78.46	22.70%
30,000	\$413.09	\$506.80	\$93.72	22.69%
35,000	\$480.62	\$589.60	\$108.99	22.68%
40,000	\$548.16	\$672.40	\$124.25	22.67%
45,000	\$615.70	\$755.20	\$139.51	22.66%
50,000	\$683.23	\$838.00	\$154.78	22.65%

\* Average monthly bill.

\*\* Present Bill includes 5.0% DSIC and -0.13% STAS.

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 4 - KOPPEL

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$38.36	\$10.00	-\$28.36	-73.93%
1,000	\$38.36	\$26.56	-\$11.80	-30.76%
2,000	\$38.36	\$43.12	\$4.76	12.41%
3,000	\$38.36	\$59.68	\$21.32	55.58%
3,100 *	\$38.36	\$61.34	\$22.98	59.90%
4,000	\$38.36	\$76.24	\$37.88	98.75%
5,000	\$41.65	\$92.80	\$51.15	122.81%
6,000	\$44.94	\$109.36	\$64.42	143.35%
7,000	\$48.23	\$125.92	\$77.69	161.08%
8,000	\$51.52	\$142.48	\$90.96	176.55%
9,000	\$54.81	\$159.04	\$104.23	190.17%
10,000	\$58.10	\$175.60	\$117.50	202.24%
11,000	\$61.39	\$192.16	\$130.77	213.02%
12,000	\$64.68	\$208.72	\$144.04	222.70%
13,000	\$67.97	\$225.28	\$157.31	231.44%
14,000	\$71.26	\$241.84	\$170.58	239.38%
15,000	\$74.55	\$258.40	\$183.85	246.61%
16,000	\$77.84	\$274.96	\$197.12	253.24%
17,000	\$81.13	\$291.52	\$210.39	259.32%
18,000	\$84.42	\$308.08	\$223.66	264.94%
19,000	\$87.71	\$324.64	\$236.93	270.13%
20,000	\$91.00	\$341.20	\$250.20	274.95%
25,000	\$107.45	\$424.00	\$316.55	294.60%
30,000	\$123.90	\$506.80	\$382.90	309.04%
35,000	\$140.35	\$589.60	\$449.25	320.09%
40,000	\$156.80	\$672.40	\$515.60	328.83%
45,000	\$173.25	\$755.20	\$581.95	335.90%
50,000	\$189.70	\$838.00	\$648.30	341.75%

\* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 5 - FRANKLIN

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$85.00	\$70.11	-\$14.89	-17.51%
1,000	\$85.00	\$70.11	-\$14.89	-17.51%
2,000	\$85.00	\$70.11	-\$14.89	-17.51%
3,000	\$85.00	\$70.11	-\$14.89	-17.51%
3,100 *	\$85.00	\$70.11	-\$14.89	-17.51%
4,000	\$85.00	\$70.11	-\$14.89	-17.51%
5,000	\$85.00	\$70.11	-\$14.89	-17.51%
6,000	\$85.00	\$70.11	-\$14.89	-17.51%
7,000	\$85.00	\$70.11	-\$14.89	-17.51%
8,000	\$85.00	\$70.11	-\$14.89	-17.51%
9,000	\$85.00	\$70.11	-\$14.89	-17.51%
10,000	\$85.00	\$70.11	-\$14.89	-17.51%
11,000	\$85.00	\$70.11	-\$14.89	-17.51%
12,000	\$85.00	\$70.11	-\$14.89	-17.51%
13,000	\$85.00	\$70.11	-\$14.89	-17.51%
14,000	\$85.00	\$70.11	-\$14.89	-17.51%
15,000	\$85.00	\$70.11	-\$14.89	-17.51%
16,000	\$85.00	\$70.11	-\$14.89	-17.51%
17,000	\$85.00	\$70.11	-\$14.89	-17.51%
18,000	\$85.00	\$70.11	-\$14.89	-17.51%
19,000	\$85.00	\$70.11	-\$14.89	-17.51%
20,000	\$85.00	\$70.11	-\$14.89	-17.51%
25,000	\$85.00	\$70.11	-\$14.89	-17.51%
30,000	\$85.00	\$70.11	-\$14.89	-17.51%
35,000	\$85.00	\$70.11	-\$14.89	-17.51%
40,000	\$85.00	\$70.11	-\$14.89	-17.51%
45,000	\$85.00	\$70.11	-\$14.89	-17.51%
50,000	\$85.00	\$70.11	-\$14.89	-17.51%

\* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 6 - PAINT ELK

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$36.00	\$10.00	-\$26.00	-72.22%
1,000	\$43.00	\$26.56	-\$16.44	-38.23%
2,000	\$50.00	\$43.12	-\$6.88	-13.76%
3,000	\$57.00	\$59.68	\$2.68	4.70%
3,630 *	\$61.41	\$70.11	\$8.70	14.17%
4,000	\$64.00	\$76.24	\$12.24	19.13%
5,000	\$71.00	\$92.80	\$21.80	30.70%
6,000	\$78.00	\$109.36	\$31.36	40.21%
7,000	\$85.00	\$125.92	\$40.92	48.14%
8,000	\$92.00	\$142.48	\$50.48	54.87%
9,000	\$99.00	\$159.04	\$60.04	60.65%
10,000	\$106.00	\$175.60	\$69.60	65.66%
11,000	\$113.00	\$192.16	\$79.16	70.05%
12,000	\$120.00	\$208.72	\$88.72	73.93%
13,000	\$127.00	\$225.28	\$98.28	77.39%
14,000	\$134.00	\$241.84	\$107.84	80.48%
15,000	\$141.00	\$258.40	\$117.40	83.26%
16,000	\$148.00	\$274.96	\$126.96	85.78%
17,000	\$155.00	\$291.52	\$136.52	88.08%
18,000	\$162.00	\$308.08	\$146.08	90.17%
19,000	\$169.00	\$324.64	\$155.64	92.09%
20,000	\$176.00	\$341.20	\$165.20	93.86%
25,000	\$211.00	\$424.00	\$213.00	100.95%
30,000	\$246.00	\$506.80	\$260.80	106.02%
35,000	\$281.00	\$589.60	\$308.60	109.82%
40,000	\$316.00	\$672.40	\$356.40	112.78%
45,000	\$351.00	\$755.20	\$404.20	115.16%
50,000	\$386.00	\$838.00	\$452.00	117.10%

\* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 7 - HAMILTONBAN

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$50.00	\$70.11	\$20.11	40.23%
1,000	\$50.00	\$70.11	\$20.11	40.23%
2,000	\$50.00	\$70.11	\$20.11	40.23%
3,000	\$50.00	\$70.11	\$20.11	40.23%
3,100 *	\$50.00	\$70.11	\$20.11	40.23%
4,000	\$50.00	\$70.11	\$20.11	40.23%
5,000	\$50.00	\$70.11	\$20.11	40.23%
6,000	\$50.00	\$70.11	\$20.11	40.23%
7,000	\$50.00	\$70.11	\$20.11	40.23%
8,000	\$50.00	\$70.11	\$20.11	40.23%
9,000	\$50.00	\$70.11	\$20.11	40.23%
10,000	\$50.00	\$70.11	\$20.11	40.23%
11,000	\$50.00	\$70.11	\$20.11	40.23%
12,000	\$50.00	\$70.11	\$20.11	40.23%
13,000	\$50.00	\$70.11	\$20.11	40.23%
14,000	\$50.00	\$70.11	\$20.11	40.23%
15,000	\$50.00	\$70.11	\$20.11	40.23%
16,000	\$50.00	\$70.11	\$20.11	40.23%
17,000	\$50.00	\$70.11	\$20.11	40.23%
18,000	\$50.00	\$70.11	\$20.11	40.23%
19,000	\$50.00	\$70.11	\$20.11	40.23%
20,000	\$50.00	\$70.11	\$20.11	40.23%
25,000	\$50.00	\$70.11	\$20.11	40.23%
30,000	\$50.00	\$70.11	\$20.11	40.23%
35,000	\$50.00	\$70.11	\$20.11	40.23%
40,000	\$50.00	\$70.11	\$20.11	40.23%
45,000	\$50.00	\$70.11	\$20.11	40.23%
50,000	\$50.00	\$70.11	\$20.11	40.23%

\* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 8 - SHIPPENVILLE

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$42.00	\$10.00	-\$32.00	-76.19%
1,000	\$42.00	\$26.56	-\$15.44	-36.76%
2,000	\$42.00	\$43.12	\$1.12	2.67%
3,000	\$48.50	\$59.68	\$11.18	23.05%
3,630 *	\$52.60	\$70.11	\$17.52	33.31%
4,000	\$55.00	\$76.24	\$21.24	38.62%
5,000	\$61.50	\$92.80	\$31.30	50.89%
6,000	\$68.00	\$109.36	\$41.36	60.82%
7,000	\$74.50	\$125.92	\$51.42	69.02%
8,000	\$81.00	\$142.48	\$61.48	75.90%
9,000	\$87.50	\$159.04	\$71.54	81.76%
10,000	\$94.00	\$175.60	\$81.60	86.81%
11,000	\$100.50	\$192.16	\$91.66	91.20%
12,000	\$107.00	\$208.72	\$101.72	95.07%
13,000	\$113.50	\$225.28	\$111.78	98.48%
14,000	\$120.00	\$241.84	\$121.84	101.53%
15,000	\$126.50	\$258.40	\$131.90	104.27%
16,000	\$133.00	\$274.96	\$141.96	106.74%
17,000	\$139.50	\$291.52	\$152.02	108.97%
18,000	\$146.00	\$308.08	\$162.08	111.01%
19,000	\$152.50	\$324.64	\$172.14	112.88%
20,000	\$159.00	\$341.20	\$182.20	114.59%
25,000	\$191.50	\$424.00	\$232.50	121.41%
30,000	\$224.00	\$506.80	\$282.80	126.25%
35,000	\$256.50	\$589.60	\$333.10	129.86%
40,000	\$289.00	\$672.40	\$383.40	132.66%
45,000	\$321.50	\$755.20	\$433.70	134.90%
50,000	\$354.00	\$838.00	\$484.00	136.72%

\* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 9 - MCEWENSVILLE

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$48.00	\$10.00	-\$38.00	-79.17%
1,000	\$48.00	\$26.56	-\$21.44	-44.67%
2,000	\$48.00	\$43.12	-\$4.88	-10.17%
3,000	\$48.00	\$59.68	\$11.68	24.33%
3,630 *	\$48.00	\$70.11	\$22.11	46.07%
4,000	\$48.00	\$76.24	\$28.24	58.83%
5,000	\$48.00	\$92.80	\$44.80	93.33%
6,000	\$48.00	\$109.36	\$61.36	127.83%
7,000	\$48.00	\$125.92	\$77.92	162.33%
8,000	\$48.00	\$142.48	\$94.48	196.83%
9,000	\$48.00	\$159.04	\$111.04	231.33%
10,000	\$48.00	\$175.60	\$127.60	265.83%
11,000	\$48.00	\$192.16	\$144.16	300.33%
12,000	\$48.00	\$208.72	\$160.72	334.83%
13,000	\$48.00	\$225.28	\$177.28	369.33%
14,000	\$48.00	\$241.84	\$193.84	403.83%
15,000	\$48.00	\$258.40	\$210.40	438.33%
16,000	\$48.00	\$274.96	\$226.96	472.83%
17,000	\$48.00	\$291.52	\$243.52	507.33%
18,000	\$48.00	\$308.08	\$260.08	541.83%
19,000	\$48.00	\$324.64	\$276.64	576.33%
20,000	\$48.00	\$341.20	\$293.20	610.83%
25,000	\$48.00	\$424.00	\$376.00	783.33%
30,000	\$48.00	\$506.80	\$458.80	955.83%
35,000	\$48.00	\$589.60	\$541.60	1128.33%
40,000	\$48.00	\$672.40	\$624.40	1300.83%
45,000	\$48.00	\$755.20	\$707.20	1473.33%
50,000	\$48.00	\$838.00	\$790.00	1645.83%

\* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 10 - FAIRVIEW

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$64.00	\$10.00	-\$54.00	-84.38%
1,000	\$64.00	\$26.56	-\$37.44	-58.50%
2,000	\$64.00	\$43.12	-\$20.88	-32.63%
3,000	\$64.00	\$59.68	-\$4.32	-6.75%
3,630 *	\$64.00	\$70.11	\$6.11	9.55%
4,000	\$64.00	\$76.24	\$12.24	19.13%
5,000	\$64.00	\$92.80	\$28.80	45.00%
6,000	\$64.00	\$109.36	\$45.36	70.88%
7,000	\$64.00	\$125.92	\$61.92	96.75%
8,000	\$64.00	\$142.48	\$78.48	122.63%
9,000	\$64.00	\$159.04	\$95.04	148.50%
10,000	\$64.00	\$175.60	\$111.60	174.38%
11,000	\$64.00	\$192.16	\$128.16	200.25%
12,000	\$64.00	\$208.72	\$144.72	226.13%
13,000	\$64.00	\$225.28	\$161.28	252.00%
14,000	\$64.00	\$241.84	\$177.84	277.88%
15,000	\$64.00	\$258.40	\$194.40	303.75%
16,000	\$64.00	\$274.96	\$210.96	329.63%
17,000	\$64.00	\$291.52	\$227.52	355.50%
18,000	\$64.00	\$308.08	\$244.08	381.38%
19,000	\$64.00	\$324.64	\$260.64	407.25%
20,000	\$64.00	\$341.20	\$277.20	433.13%
25,000	\$64.00	\$424.00	\$360.00	562.50%
30,000	\$64.00	\$506.80	\$442.80	691.88%
35,000	\$64.00	\$589.60	\$525.60	821.25%
40,000	\$64.00	\$672.40	\$608.40	950.63%
45,000	\$64.00	\$755.20	\$691.20	1080.00%
50,000	\$64.00	\$838.00	\$774.00	1209.38%

\* Average monthly bill.



PENNSYLVANIA-AMERICAN WATER COMPANY  
ZONE 11 - NEW CUMBERLAND

COMPARISON OF BILLS UNDER PRESENT AND PROPOSED 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	\$25.54	\$26.17	\$0.63	2.47%
1,000	\$25.54	\$26.17	\$0.63	2.47%
2,000	\$25.54	\$26.17	\$0.63	2.47%
3,000	\$36.35	\$37.25	\$0.90	2.48%
3,630 *	\$42.79	\$43.85	\$1.06	2.48%
4,000	\$46.57	\$47.73	\$1.16	2.48%
5,000	\$56.79	\$58.20	\$1.41	2.49%
6,000	\$67.01	\$68.68	\$1.67	2.49%
7,000	\$75.19	\$77.06	\$1.87	2.49%
8,000	\$83.37	\$85.45	\$2.08	2.49%
9,000	\$91.55	\$93.83	\$2.28	2.49%
10,000	\$99.73	\$102.22	\$2.49	2.49%
11,000	\$107.91	\$110.60	\$2.69	2.50%
12,000	\$116.09	\$118.99	\$2.90	2.50%
13,000	\$124.27	\$127.37	\$3.10	2.50%
14,000	\$132.45	\$135.76	\$3.31	2.50%
15,000	\$140.63	\$144.14	\$3.51	2.50%
16,000	\$148.81	\$152.53	\$3.72	2.50%
17,000	\$156.99	\$160.91	\$3.92	2.50%
18,000	\$165.17	\$169.30	\$4.13	2.50%
19,000	\$173.35	\$177.68	\$4.33	2.50%
20,000	\$181.53	\$186.07	\$4.54	2.50%
25,000	\$216.95	\$222.37	\$5.43	2.50%
30,000	\$247.70	\$253.89	\$6.20	2.50%
35,000	\$278.45	\$285.41	\$6.97	2.50%
40,000	\$309.20	\$316.93	\$7.74	2.50%
45,000	\$339.95	\$348.45	\$8.51	2.50%
50,000	\$370.70	\$379.97	\$9.28	2.50%

\* Average monthly bill.

PENNSYLVANIA-AMERICAN WATER COMPANY  
HERSHEY, PENNSYLVANIA

SCRANTON WASTEWATER OPERATIONS  
APPLICATION OF PRESENT AND PROPOSED RATES  
TO CONSUMPTION ANALYSIS FOR THE  
TWELVE MONTHS ENDED DECEMBER 31, 2016  
AND PRO FORMA REVENUE  
UNDER PRESENT AND PROPOSED RATES  
AS OF DECEMBER 31, 2018

GANNETT FLEMING, INC. - VALUATION AND RATE DIVISION  
Harrisburg, Pennsylvania

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PENNSYLVANIA-AMERICAN WATER COMPANY

APPLICATION OF PRESENT RATES  
TO CONSUMPTION ANALYSIS FOR THE  
TWELVE MONTHS ENDED DECEMBER 31, 2016  
AND PRO FORMA REVENUE  
UNDER PRESENT RATES  
AS OF DECEMBER 31, 2018

SCRANTON WASTEWATER OPERATIONS

INTRODUCTION

The Scranton Wastewater Operations is organized into four schedules. Schedules 1 and 2 summarize the application of present rates to the consumption analysis for the twelve months ended December 31, 2016, and the pro forma revenues under proposed rates for the twelve months ended December 31, 2018. Schedules 3 and 4 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, 2016 and 2018. Schedule 3 sets forth the application of present rates to the detailed consumption analysis and billing determinants.

PRESENT RATE APPLICATION

Schedule 1 summarizes the pro forma revenues under present rates. Column 2 presents the adjusted revenues per books. Column 3 presents the revenues from the application of base rates in effect during the test year to the detailed consumption analysis for the twelve months ended December 31, 2016. The application of rates for customer classifications is summarized in Schedule 2, from the application of present rates in Schedule 3. The adjustment factor in column 4 is calculated by dividing column 2 by 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 4 and brought forward to column 6 of Schedule 1. Column 7 is the total proforma present rate revenue, the total of columns 5 and 6.

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER OPERATIONS

SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2016 AND 2018

Customer Classification (1)	Adjusted Revenues, Per Books Present Rates 12/31/2016 (a) (2)	Bill Analysis Revenues, Present Rates (Schedule 3) (3)	Adjustment Factor (4)=(2)/(3)	Revenues Under Present Rates (5)=(4)X(3)	Pro Forma Adjustments Present Rates (Schedule 4) (6)	Total Present Rate Revenue (7)=(5)+(6)
<b>METERED SALES</b>						
Residential	13,791,700	\$ 13,791,702	1.000000	\$ 13,791,700	\$ (52,661)	\$ 13,739,039
Commercial	6,430,213	6,430,215	1.000000	6,430,213	-	6,430,213
Industrial	1,224,470	1,224,470	1.000000	1,224,470	-	1,224,470
Municipal	355,634	355,634	0.999999	355,634	-	355,634
<b>Total Sales</b>	<b>21,802,017</b>	<b>21,802,021</b>		<b>21,802,017</b>	<b>(52,661)</b>	<b>\$ 21,749,355</b>
<b>Other Operating Revenues</b>	<b>214,369</b>	<b>214,369</b>		<b>214,369</b>		<b>214,369</b>
<b>Total</b>	<b>\$ 22,016,386</b>	<b>\$ 22,016,390</b>		<b>\$ 22,016,386</b>	<b>\$ (52,661)</b>	<b>\$ 21,963,724</b>
<b>(a) Unbilled Revenue.</b>						

PENNSYLVANIA-AMERICAN WATER COMPANY - SCRANTON WASTEWATER OPERATIONS

SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS  
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2016 AND 2018

<u>Wastewater Area</u> (1)	<u>Sch. Ref.</u>	<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		\$ 13,791,702	\$ 6,430,215	\$ 1,224,470	\$ 355,634	\$ 21,802,021
Total		<u>13,791,702</u>	<u>6,430,215</u>	<u>1,224,470</u>	<u>355,634</u>	<u>21,802,021</u>
<u>Proforma Adjustments</u>						
Scranton WW		(52,661)				(52,661)
		<u>(52,661)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(52,661)</u>

PENNSYLVANIA-AMERICAN WATER COMPANY  
SCRANTON WASTEWATER OPERATIONS  
AS OF DECEMBER 31, 2016  
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 Rate (6)	Proposed Revenue (7)
<u>Residential - Billed at Rate R</u>						
Customer Charge	357,603	-	\$ 19.50	\$ 6,973,262	\$ 19.50	\$ 6,973,262
All Usage	-	13,433,035	0.5000	6,716,518	0.5000	6,716,518
Subtotal	-	13,433,035		6,716,518		6,716,518
Total Residential	357,603	13,433,035		\$ 13,689,780		13,689,779
<u>Residential Billed at Rate O</u>						
Customer Charge	1,372	-	\$ 19.50	26,754	\$ 19.50	26,754
All Usage	-	41,229	0.5000	20,615	0.5000	20,615
Subtotal	1,372	41,229		20,615		20,615
Total	1,372	41,229		\$ 47,369		47,369
<u>Residential Billed at Rate C</u>						
Customer Charge	1,099	-	19.50	21,431	19.50	21,431
Up to 5,000 gallons		31,911	0.5000	15,956	0.5000	15,956
Over 5,000 gallons		22,150	0.7750	17,166	0.7750	17,166
Subtotal	-	54,061		33,122		33,122
Total	1,099	54,061		54,553		54,552
Total Residential	360,074	13,528,325		13,791,702		13,791,700
<u>Commercial - Billed at Rate R</u>						
Customer Charge	24,280	-	\$ 19.50	\$ 473,460	\$ 19.50	\$ 473,460
Up to 5,000 gallons	-	1,694,341	0.5000	847,171	0.5000	847,171
Over 5,000 gallons						
Subtotal	-	1,694,341		847,171		847,171
Total	24,280	1,694,341		\$ 1,320,631		1,320,631
<u>Commercial Billed at Rate O</u>						
Customer Charge	7,701		\$ 19.50	150,170	\$ 19.50	150,170
All Usage	-	335,004	0.5000	167,502	0.5000	167,502
Subtotal	7,701	335,004		167,502		167,502
Total	7,701	335,004		\$ 317,672		\$ 317,672
<u>Commercial Billed at Rate C</u>						



PENNSYLVANIA-AMERICAN WATER COMPANY  
SCRANTON WASTEWATER OPERATIONS  
AS OF DECEMBER 31, 2016  
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 Rate (6)	Proposed Revenue (7)
Customer Charge	37,573	-	19.50	732,674	19.50	732,674
Up to 5,000 gallons		526,397	0.5000	263,199	0.5000	263,199
Over 5,000 gallons		4,898,114	0.7750	3,796,039	0.7750	3,796,039
Subtotal	-	5,424,511		4,059,238		4,059,237
Total	37,573	5,424,511		4,791,912		4,791,911
Total Commercial	69,554	7,453,856		6,430,215		6,430,213
<u>Industrial Billed at Rate O</u>						
Customer Charge	192	-	\$ 19.50	3,744	\$ 19.50	3,744
All Usage	-	23,684	0.5000	11,842	0.5000	11,842
Subtotal	192	23,684		11,842		11,842
Total	192	23,684		\$ 15,586		15,586
<u>Industrial Billed at Rate C</u>						
Customer Charge	266	-	19.50	5,187	19.50	5,187
Up to 5,000 gallons		11,209	0.5000	5,605	0.5000	5,605
Over 5,000 gallons		849,358	0.7750	658,252	0.7750	658,252
Subtotal	-	860,567		663,857		663,857
Total	266	860,567		669,044		669,044
<u>Industrial - Manual Bills</u>						
Customer Charge	84	-	19.50	1,638	19.50	1,638
Up to 5,000 gallons		4,200	0.5000	2,100	0.5000	2,100
Over 5,000 gallons		691,745	0.7750	536,102	0.7750	536,102
Subtotal	-	695,945		538,202		538,202
Total	84	695,945		539,840		539,840
Total Industrial	542	1,580,196	-	1,224,470	-	1,224,470
<u>Public - at Rate R</u>						
Customer Charge	186	-	\$ 19.50	\$ 3,627	\$ 19.50 16.58	\$ 3,627 -
All Usage	-	14,628	0.5000	7,314	0.5000	7,314
Subtotal	-	14,628		7,314		7,314
Total	186	14,628		\$ 10,941		10,941

Public Billed at Rate C

PENNSYLVANIA-AMERICAN WATER COMPANY  
SCRANTON WASTEWATER OPERATIONS  
AS OF DECEMBER 31, 2016  
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 Rate (6)	Proposed Revenue (7)
Customer Charge	560	-	19.50	10,920	19.50	10,920
Up to 5,000 gallons		19,721	0.5000	9,861	0.5000	9,861
Over 5,000 gallons		417,951	0.7750	323,912	0.7750	323,912
Subtotal	-	437,672		333,773		333,773
Total	560	437,672		344,693		344,693
Total Public	746	452,300		355,634		355,634
Total System	<u>430,916</u>	<u>23,014,677</u>		<u>\$ 21,802,021</u>		<u>21,802,016</u>

PENNSYLVANIA-AMERICAN WATER COMPANY  
 SCRANTON WASTEWATER OPERATIONS  
 AS OF DECEMBER 31, 2016  
 APPLICATION OF PRESENT RATES TO PRO FORMA ADJUSTMENTS YEAR ENDED DECEMBER 31, 2016, 2016 AND 2018

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Bi-Monthly Billed at Rate R</u>						
Customer Charge						
Customer Charge Low Income	8,844		(2.92)	\$ (25,824)	(2.92)	(25,824)
All Usage	-	357,822	(0.0750)	(26,837)	(0.0750)	(26,837)
Subtotal	-	357,822		(26,837)		(26,837)
Total Residential	-	357,822		\$ (52,661)		(52,661)
Total System	-	357,822		\$ (52,661)		(52,661)