

**I&E Exhibit No. 5-R  
Witness: Joseph Kubas**

**PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**v.**

**AQUA PENNSYLVANIA, INC**

**Docket No. R-2021-3027385 (Water)**

**Docket No. R -2021-3027386 (Wastewater)**

**Exhibits to Accompany  
the**

**Rebuttal Testimony**

**of**

**Joseph Kubas**

**Bureau of Investigation and Enforcement**

**Concerning:  
Wastewater Proposed Revenue  
Rate Structure, Revenue Shortfall  
Scaleback of Rates**

**Aqua Pennsylvania, Inc**

**Zones 1 through 6 and Zones 7 through 11 and Grand Total for Aqua Wastewater**

Zone	COMPANY Increase** (B)	Percent Increase* (C)	I&E Increase* (D)	Percent Increase* (E)	I&E/OCA Difference (F)	OCA Increase** (G)	Percent Increase** (H)	I&E/OSBA Difference (I)	OSBA Increase*** (J)	Percent Increase*** (K)
1 TOTALS - Zone 1-6 2 (Including Contracts)	\$3,473,445	18.3%	\$6,049,406	31.8%	\$897,484	\$6,946,890	36.6%	(1,395,222)	\$4,654,184	24.5%
3 Zone 7	\$2,968,877	74.8%	\$2,982,144	75.0%	\$2,205,199	\$5,187,343	130.7%	(13,267)	\$2,968,877	74.8%
4 Zone 8	\$358,379	35.9%	\$610,765	60.2%	\$222,489	\$833,254	83.5%	(252,386)	\$358,379	35.9%
5 Zone 9	\$2,541,306	35.1%	\$4,084,833	56.3%	(\$1,007,122)	\$3,077,711	42.5%	(1,543,527)	\$2,541,306	35.1%
6 Zone 10	\$1,157,851	39.7%	\$1,528,396	52.3%	\$1,259,223	\$2,787,619	95.6%	(370,545)	\$1,157,851	39.7%
7 Zone 11	\$1,063,739	37.0%	\$1,383,546	47.9%	\$412,279	\$1,795,825	62.5%	758,676	\$2,142,222	74.6%
8 TOTALS - Zone 7-11	\$8,090,152	45.0%	\$10,589,684	58.6%	\$3,092,068	\$13,681,752	76.0%	(1,421,049)	\$9,168,635	51.0%
9 WW TOTALS	\$11,563,597	31.3%	\$16,639,089	44.9%	\$3,989,553	\$20,628,642	55.8%	(2,816,270)	\$13,822,819	37.3%

\* I&E Exhibit No. 5, Sch. 1, column I

\*\* OCA St. No. 4, page 10

\*\*\* OSBA Exhibit BK-4WW

**Aqua Pennsylvania, Inc**  
**R-2021-3027386**  
**Present and Proposed Rates**

	Meter Size (A)	Present Rate Per Month (B)	Company Increase (C)	Company Proposed Rate Per Month (D)	I&E Adjustment (E)	I&E Rate Per Month (F)	Percent Increase (G)
<b>Zone 11</b>							
<b>Residential</b>							
1	Residential	\$37.64	\$14.07	\$51.71	(\$8.71)	\$43.00	14.2%
2	<b>Commercial -1</b>	\$52.71	\$19.71	\$72.42	(\$12.22)	\$60.20	14.2%
3	<b>Commercial -2</b>	\$64.31	\$8.11	\$72.42	(\$12.22)	\$60.20	-6.4%
4	Combined -1	\$218.32	\$81.65	\$299.97	\$0.00	\$299.97	37.4%
5	Combined -2	\$180.69	\$67.58	\$248.27	\$0.00	\$248.27	37.4%
6	Combined -3	\$165.62	\$61.94	\$227.56	\$0.00	\$227.56	37.4%
7	Combined -4	\$143.05	\$53.50	\$196.55	\$0.00	\$196.55	37.4%
8	Combined -5	\$127.98	\$47.86	\$175.84	\$0.00	\$175.84	37.4%
9	Combined -6	\$90.34	\$33.79	\$124.13	\$0.00	\$124.13	37.4%
<b>New Garden</b>							
	All Usage	Present Rate Per 100 Gallon <u>1,667 Allowance</u>	Company Increase	Proposed Rate Per 100 Gallon <u>1,667 Allowance</u>	I&E Adjustment	I&E Rate Per 100 Gallon	Percent Increase
10	Residential Up to 1,667	\$0.0000	\$0.0000	\$0.0000	\$2.2000	\$2.2000	
11	Residential Next 3,333	\$1.5170	\$0.5674	\$2.0844	\$0.1156	\$2.2000	45.0%
12	Residential Over 5,000	\$1.9650	\$0.7349	\$2.6999	\$0.4627	\$3.1626	60.9%
13	Comm -1 Up to 1,667	\$0.0000	\$0.0000	\$0.0000	\$2.2000	\$2.2000	
14	Comm -1 Next 3,333	\$2.3500	\$0.8789	\$3.2289	\$0.1992	\$3.4281	45.9%
15	Comm -1 Over 5,000	\$3.0150	\$1.1276	\$4.1426	\$0.1774	\$4.3200	43.3%
16	Comm -2 Up to 1,667	\$0.0000	\$0.0000	\$0.0000	\$2.2000	\$2.2000	
17	Comm -2 Next 3,333	\$3.3020	\$1.2349	\$4.5369	\$0.0000	\$4.5369	37.4%
18	Comm -2 Over 5,000	\$4.1670	\$1.5585	\$5.7255	-\$0.7255	\$5.0000	20.0%

**Aqua Pennsylvania, Inc.**  
**Zone 11 - New Garden Division**  
**R-2021-3027386**

**Residential Monthly Bill Comparison**

	<u>Usage</u> <u>Gallons</u>	<u>Current</u> <u>Bill DSIC</u> <u>100.0%</u>	<u>Increase</u>	<u>Proposed</u> <u>Bill</u>	<u>Percent</u> <u>Increase</u>
	(A)	(B)	(C)	(D)	(E)
1	0	\$37.64	\$5.36	\$43.00	14.2%
2	1,000	\$37.64	\$27.36	\$65.00	72.7%
3	2,000	\$42.69	\$44.30	\$86.99	103.8%
4	3,000	\$57.86	\$51.13	\$108.99	88.4%
5	<b>3,700</b>	<b>\$68.48</b>	<b>\$55.92</b>	<b>\$124.39</b>	<b>81.7%</b>
6	4,000	\$73.03	\$57.96	\$130.99	79.4%
7	5,000	\$88.20	\$64.80	\$153.00	73.5%
8	6,000	\$107.85	\$76.77	\$184.63	71.2%
9	7,000	\$127.50	\$88.75	\$216.25	69.6%
10	8,000	\$147.15	\$100.72	\$247.88	68.4%
11	9,000	\$166.80	\$112.70	\$279.50	67.6%
12	10,000	\$186.45	\$124.68	\$311.13	66.9%
13	11,000	\$206.10	\$136.65	\$342.76	66.3%
14	12,000	\$225.75	\$148.63	\$374.38	65.8%
15	13,000	\$245.40	\$160.60	\$406.01	65.4%
16	14,000	\$265.05	\$172.58	\$437.63	65.1%
17	15,000	\$284.70	\$184.56	\$469.26	64.8%
18	16,000	\$304.35	\$196.53	\$500.88	64.6%
19	17,000	\$324.00	\$208.51	\$532.51	64.4%
20	18,000	\$343.65	\$220.48	\$564.14	64.2%
21	19,000	\$363.30	\$232.46	\$595.76	64.0%
22	20,000	\$382.95	\$244.44	\$627.39	63.8%