

Monthly 5/8 Meter Charge = \$9.00

Missouri American Water
 WR-2017-0285

Water Rates Based on \$318M Total Revenue Requirement

1	Total Stipulation Revenue Requirement	318,000,000			
2	Less: Sewer Revenue Requirement	(10,332,702)			
3	Water Revenue Requirement	307,667,298			
4					
5	Staff Class Cost of Service Results	District 1	District 2	District 3	Consolidated
6	Staff CCOS Water Revenue Requirement	\$240,353,266	\$35,985,451	\$31,328,581	\$307,667,298
7	Less: Private Fire	(3,044,336)	(891,583)	(996,921)	(4,932,840)
8	Less: Special Contracts and Misc. Fees	(6,694,211)	(1,040,187)	(1,432,804)	(9,167,202)
9	Total Revenues to be Collected in Rates	\$230,614,719	\$34,053,681	\$28,898,856	\$293,567,256
10					
11	Staff Class Cost of Service - by Tariff				
12	Rate A	\$218,778,738	\$26,458,786	\$24,861,634	\$270,099,158
13	Rate J	8,227,652	4,683,877	2,723,776	15,635,305
14	Rate B	3,528,868	2,906,147	1,141,446	7,576,461
15	Total Revenues to be Collected in Rates	\$230,535,258	\$34,048,810	\$28,726,856	\$293,310,924
16					
17	Scenario 1 - No Change to Customer Fixed Charge	District 1	District 2	District 3	Consolidated
18	Fixed Charge Billing Determinants				
19	Rate A	\$44,758,040	\$7,805,759	\$8,310,890	\$60,874,689
20	Rate J	693,605	105,093	88,660	887,358
21	Rate B	8,376	38,955	26,785	74,115
22	Total Fixed Charges	\$45,460,021	\$7,949,806	\$8,426,335	\$61,836,162
23					
24	Revenues to be Collected in Volumetric Rates				
25	Rate A	\$174,020,698	\$18,653,027	\$16,550,744	\$209,224,469
26	Rate J	7,534,047	4,578,784	2,635,116	14,747,947
27	Rate B	3,520,492	2,867,192	1,114,661	7,502,346
28	Total Revenue to be Collected in Volumetric Rates	\$185,075,237	\$26,099,004	\$20,300,521	\$231,474,762
29					
30	Volumetric Billing Determinants (thousand gallons)				
31	Rate A	35,874,400	2,995,863	3,023,788	41,894,052
32	Rate J	4,537,046	1,382,047	951,839	6,870,933
33	Rate B	1,645,391	843,338	355,196	2,843,924
34	Total Volumetric Billing Determinants	42,056,837	5,221,248	4,330,824	51,608,909
35					
36	Volumetric Rate (\$ per 1,000 gallons)				
37	Rate A	\$4.8508	\$6.2263	\$5.4735	\$4.9941
38	Rate J	\$1.6606	\$3.3130	\$2.7684	\$2.1464
39	Rate B	\$2.1396	\$3.3998	\$3.1382	\$2.6380
40					
41	Scenario 2 - Company Proposed Fixed Charge	District 1	District 2	District 3	Consolidated
42	Fixed Charge Billing Determinants				
43	Rate A	\$45,502,080	\$4,622,280	\$4,917,392	\$55,041,752
44	Rate J	407,202	61,698	52,051	520,951
45	Rate B	4,917	22,869	15,725	43,512
46	Total Fixed Charges	\$45,914,200	\$4,706,847	\$4,985,167	\$55,606,214
47					
48	Revenues to be Collected in Volumetric Rates				
49	Rate A	\$173,276,658	\$21,836,506	\$19,944,242	\$215,057,406
50	Rate J	7,820,450	4,622,179	2,671,725	15,114,354
51	Rate B	3,523,951	2,883,278	1,125,721	7,532,949
52	Total Revenue to be Collected in Volumetric Rates	\$184,621,058	\$29,341,963	\$23,741,689	\$237,704,710
53					
54	Volumetric Billing Determinants (thousand gallons)				
55	Rate A	35,874,400	2,995,863	3,023,788	41,894,052
56	Rate J	4,537,046	1,382,047	951,839	6,870,933
57	Rate B	1,645,391	843,338	355,196	2,843,924
58	Total Volumetric Billing Determinants	42,056,837	5,221,248	4,330,824	51,608,909
59					
60	Volumetric Rate (\$ per 1,000 gallons)				
61	Rate A	\$4.8301	\$7.2889	\$6.5958	\$5.1334
62	Rate J	\$1.7237	\$3.3444	\$2.8069	\$2.1998
63	Rate B	\$2.1417	\$3.4189	\$3.1693	\$2.6488

Notes: 1) CCOS is Staff's Calculation, 2) Billing determinants per Attachment A of Stipulation & Agreement, 3) Adjustments to Special Contracts are still being finalized.

Exhibit No. 44
 Date 3/8/18 Reporter MM
 File No. WR-2017-0285

Missouri American Water
 Rate A - Settlement Rates
 WR-2017-0285

Monthly 5/8 Meter Charge = \$9.00

	Current	Keep Fixed	Chg Fixed
5/8" Monthly	\$15.33	\$15.33	\$9.00
5/8" Quarterly	\$22.35	\$22.35	\$27.00
Rate A - District 1	\$4.1398	\$4.8508	\$4.8301
Rate A - District 2	\$4.7378	\$6.2263	\$7.2889
Rate A - District 3	\$3.7424	\$5.4735	\$6.5958
Rate A - Consolidated		\$4.9941	\$5.1334

A B C D E F G H I J K L M N

District 1 - Rate A Monthly													
Monthly Usage	Current Rate	Current 3 Water Districts						Consolidated Pricing					
		No Change to Fixed Charge			Change to Fixed Charge			No Change to Fixed Charge			Change to Fixed Charge		
		New	\$ Chg	% Chg	New	\$ Chg	% Chg	New	\$ Chg	% Chg	New	\$ Chg	% Chg
1,000	19.47	20.18	0.71	3.7%	13.83	(5.64)	(29.0%)	20.32	0.85	4.4%	14.13	(5.34)	(27.4%)
2,000	23.61	25.03	1.42	6.0%	18.66	(4.95)	(21.0%)	25.32	1.71	7.2%	19.27	(4.34)	(18.4%)
3,000	27.75	29.88	2.13	7.7%	23.49	(4.26)	(15.3%)	30.31	2.56	9.2%	24.40	(3.35)	(12.1%)
4,000	31.89	34.73	2.84	8.9%	28.32	(3.57)	(11.2%)	35.31	3.42	10.7%	29.53	(2.36)	(7.4%)
5,000	36.03	39.58	3.56	9.9%	33.15	(2.88)	(8.0%)	40.30	4.27	11.9%	34.67	(1.36)	(3.8%)
6,000	40.17	44.43	4.27	10.6%	37.98	(2.19)	(5.4%)	45.29	5.13	12.8%	39.80	(0.37)	(0.9%)
7,000	44.31	49.29	4.98	11.2%	42.81	(1.50)	(3.4%)	50.29	5.98	13.5%	44.93	0.62	1.4%
8,000	48.45	54.14	5.69	11.7%	47.64	(0.81)	(1.7%)	55.28	6.83	14.1%	50.07	-1.62	-3.3%
9,000	52.59	58.99	6.40	12.2%	52.47	(0.12)	(0.2%)	60.28	7.69	14.6%	55.20	2.61	5.0%
10,000	56.73	63.84	7.11	12.5%	57.30	0.57	1.0%	65.27	8.54	15.1%	60.33	3.61	6.4%
11,000	60.87	68.69	7.82	12.8%	62.13	1.26	2.1%	70.27	9.40	15.4%	65.47	4.60	7.6%
12,000	65.01	73.54	8.53	13.1%	66.96	1.95	3.0%	75.26	10.25	15.8%	70.60	5.59	8.6%
13,000	69.15	78.39	9.24	13.4%	71.79	2.64	3.8%	80.25	11.11	16.1%	75.73	6.59	9.5%
14,000	73.29	83.24	9.95	13.6%	76.62	3.33	4.5%	85.25	11.96	16.3%	80.87	7.58	10.3%
15,000	77.43	88.09	10.67	13.8%	81.45	4.02	5.2%	90.24	12.81	16.6%	86.00	8.57	11.1%
16,000	81.57	92.94	11.38	13.9%	86.28	4.71	5.8%	95.24	13.67	16.8%	91.13	9.57	11.7%
17,000	85.71	97.79	12.09	14.1%	91.11	5.40	6.3%	100.23	14.52	16.9%	96.27	10.56	12.3%
18,000	89.85	102.64	12.80	14.2%	95.94	6.10	6.8%	105.22	15.38	17.1%	101.40	11.55	12.9%
19,000	93.99	107.50	13.51	14.4%	100.77	6.79	7.2%	110.22	16.23	17.3%	106.53	12.55	13.4%
20,000	98.13	112.35	14.22	14.5%	105.60	7.48	7.6%	115.21	17.09	17.4%	111.67	13.54	13.8%
21,000	102.27	117.20	14.93	14.6%	110.43	8.17	8.0%	120.21	17.94	17.5%	116.80	14.53	14.2%
22,000	106.41	122.05	15.64	14.7%	115.26	8.86	8.3%	125.20	18.80	17.7%	121.93	15.53	14.6%
23,000	110.55	126.90	16.35	14.8%	120.09	9.55	8.6%	130.20	19.65	17.8%	127.07	16.52	14.9%
24,000	114.69	131.75	17.06	14.9%	124.92	10.24	8.9%	135.19	20.50	17.9%	132.20	17.52	15.3%
25,000	118.83	136.60	17.78	15.0%	129.75	10.93	9.2%	140.18	21.36	18.0%	137.33	18.51	15.6%

Missouri American Water
 Rate A - Settlement Rates
 WR-2017-0285

Monthly 5/8 Meter Charge = \$9.00

	Current	Keep Fixed	Chg Fixed
5/8" Monthly	\$15.33	\$15.33	\$9.00
5/8" Quarterly	\$22.35	\$22.35	\$27.00
Rate A - District 1	\$4.1398	\$4.8508	\$4.8301
Rate A - District 2	\$4.7378	\$6.2263	\$7.2889
Rate A - District 3	\$3.7424	\$5.4735	\$6.5958
Rate A - Consolidated	\$4.9941	\$5.1334	

A B C D E F G H I J K L M N

District 1 - Rate A Quarterly													
Monthly Usage	Current 3 Water Districts							Consolidated Pricing					
	Current Rate	No Change to Fixed Charge			Change to Fixed Charge			No Change to Fixed Charge			Change to Fixed Charge		
		New	\$ Chg	% Chg	New	\$ Chg	% Chg	New	\$ Chg	% Chg	New	\$ Chg	% Chg
1,000	34.77	36.90	2.13	6.1%	41.49	6.72	19.3%	37.33	2.56	7.4%	42.40	7.63	21.9%
2,000	47.19	51.45	4.27	9.0%	55.98	8.79	18.6%	52.31	5.13	10.9%	57.80	10.61	22.5%
3,000	59.61	66.01	6.40	10.7%	70.47	10.86	18.2%	67.30	7.69	12.9%	73.20	13.59	22.8%
4,000	72.03	80.56	8.53	11.8%	84.96	12.93	18.0%	82.28	10.25	14.2%	88.60	16.57	23.0%
5,000	84.45	95.11	10.67	12.6%	99.45	15.00	17.8%	97.26	12.81	15.2%	104.00	19.55	23.2%
6,000	96.87	109.66	12.80	13.2%	113.94	17.08	17.6%	112.74	15.38	15.9%	119.40	22.53	23.3%
7,000	109.29	124.22	14.93	13.7%	128.43	19.15	17.5%	127.23	17.94	16.4%	134.80	25.51	23.3%
8,000	121.71	138.77	17.06	14.0%	142.92	21.22	17.4%	142.21	20.50	16.8%	150.20	28.50	23.4%
9,000	134.12	153.32	19.20	14.3%	157.41	23.29	17.4%	157.19	23.07	17.2%	165.60	31.48	23.5%
10,000	146.54	167.87	21.33	14.6%	171.90	25.36	17.3%	172.17	25.63	17.5%	181.00	34.46	23.5%
11,000	158.96	182.43	23.46	14.8%	186.39	27.43	17.3%	187.16	28.19	17.7%	196.40	37.44	23.6%
12,000	171.38	196.98	25.60	14.9%	200.88	29.50	17.2%	202.14	30.76	17.9%	211.80	40.42	23.6%
13,000	183.80	211.53	27.73	15.1%	215.37	31.57	17.2%	217.12	33.32	18.1%	227.20	43.40	23.6%
14,000	196.22	226.08	29.86	15.2%	229.86	33.64	17.1%	232.10	35.88	18.3%	242.60	46.38	23.6%
15,000	208.64	240.64	32.00	15.3%	244.35	35.71	17.1%	247.09	38.44	18.4%	258.00	49.36	23.7%
16,000	221.06	255.19	34.13	15.4%	258.84	37.78	17.1%	262.07	41.01	18.6%	273.40	52.34	23.7%
17,000	233.48	269.74	36.26	15.5%	273.33	39.85	17.1%	277.05	43.57	18.7%	288.80	55.32	23.7%
18,000	245.90	284.29	38.40	15.6%	287.82	41.93	17.0%	292.03	46.13	18.8%	304.20	58.30	23.7%
19,000	258.32	298.85	40.53	15.7%	302.32	44.00	17.0%	307.02	48.70	18.9%	319.60	61.28	23.7%
20,000	270.74	313.40	42.66	15.8%	316.81	46.07	17.0%	322.00	51.26	19.9%	335.00	64.26	23.7%
21,000	283.16	327.95	44.80	15.8%	331.30	48.14	17.0%	336.98	53.82	19.0%	350.40	67.24	23.7%
22,000	295.58	342.50	46.93	15.9%	345.79	50.21	17.0%	351.96	56.39	19.1%	365.80	70.23	23.8%
23,000	308.00	357.06	49.06	15.9%	360.28	52.28	17.0%	366.95	58.95	19.1%	381.20	73.21	23.8%
24,000	320.42	371.61	51.19	16.0%	374.77	54.35	17.0%	381.93	61.51	19.2%	396.60	76.19	23.8%
25,000	332.84	386.16	53.33	16.0%	389.26	56.42	17.0%	396.91	64.07	19.3%	412.00	79.17	23.8%

Missouri American Water

Rate A - Settlement Rates

WR-2017-0285

Monthly 5/8 Meter Charge = \$9.00

	Current	Keep Fixed	Chg Fixed
5/8" Monthly	\$15.33	\$15.33	\$9.00
5/8" Quarterly	\$22.35	\$22.35	\$27.00
Rate A - District 1	\$4.1398	\$4.8508	\$4.8301
Rate A - District 2	\$4.7378	\$6.2263	\$7.2889
Rate A - District 3	\$3.7424	\$5.4735	\$6.5958
Rate A - Consolidated		\$4.9941	\$5.1334

District 2 - Rate A Monthly													
Monthly Usage	Current Rate	Current 3 Water Districts						Consolidated Pricing					
		No Change to Fixed Charge			Change to Fixed Charge			No Change to Fixed Charge			Change to Fixed Charge		
		New	\$ Chg	% Chg	New	\$ Chg	% Chg	New	\$ Chg	% Chg	New	\$ Chg	% Chg
1,000	20.07	21.56	1.49	7.4%	16.29	(3.78)	(18.8%)	20.32	0.26	1.3%	14.13	(5.93)	(29.6%)
2,000	24.81	27.78	2.98	12.0%	23.58	(1.23)	(4.9%)	25.32	0.51	2.1%	19.27	(5.54)	(22.3%)
3,000	29.54	34.01	4.47	15.1%	30.87	1.32	4.5%	30.31	0.77	2.6%	24.40	(5.14)	(17.4%)
4,000	34.28	40.24	5.95	17.4%	38.16	3.87	11.3%	35.31	1.03	3.0%	29.53	(4.75)	(13.8%)
5,000	39.02	46.46	7.44	19.1%	45.44	6.43	16.5%	40.30	1.28	3.3%	34.67	(4.35)	(11.2%)
6,000	43.76	52.69	8.93	20.4%	52.73	8.98	20.5%	45.29	1.54	3.5%	39.80	(3.96)	(9.0%)
7,000	48.49	58.91	10.42	21.5%	60.02	11.53	23.8%	50.29	1.79	3.7%	44.93	(3.56)	(7.3%)
8,000	53.23	65.14	11.91	22.4%	67.31	14.08	26.4%	55.28	2.05	3.9%	50.07	(3.17)	(5.9%)
9,000	57.97	71.37	13.40	23.1%	74.60	16.63	28.7%	60.28	2.31	4.0%	55.20	(2.77)	(4.8%)
10,000	62.71	77.59	14.88	23.7%	81.89	19.18	30.6%	65.27	2.56	4.1%	60.33	(2.37)	(3.8%)
11,000	67.45	83.82	16.37	24.3%	89.18	21.73	32.2%	70.27	2.82	4.2%	65.47	(1.98)	(2.9%)
12,000	72.18	90.05	17.86	24.7%	96.47	24.28	33.6%	75.26	3.08	4.3%	70.60	(1.58)	(2.2%)
13,000	76.92	96.27	19.35	25.2%	103.76	26.83	34.9%	80.25	3.33	4.3%	75.73	(1.19)	(1.5%)
14,000	81.66	102.50	20.84	25.5%	111.04	29.39	36.0%	85.25	3.59	4.4%	80.87	(0.79)	(1.0%)
15,000	86.40	108.72	22.33	25.8%	118.33	31.94	37.0%	90.24	3.84	4.5%	86.00	(0.40)	(0.5%)
16,000	91.13	114.95	23.82	26.1%	125.62	34.49	37.8%	95.24	4.10	4.5%	91.13	(0.00)	(0.0%)
17,000	95.87	121.18	25.30	26.4%	132.91	37.04	38.6%	100.23	4.36	4.5%	96.27	0.39	0.4%
18,000	100.61	127.40	26.79	26.6%	140.20	39.59	39.3%	105.22	4.61	4.6%	101.40	0.79	0.8%
19,000	105.35	133.63	28.28	26.8%	147.49	42.14	40.0%	110.22	4.87	4.6%	106.53	1.19	1.1%
20,000	110.09	139.86	29.77	27.0%	154.78	44.69	40.6%	115.21	5.13	4.7%	111.67	1.58	1.4%
21,000	114.82	146.08	31.26	27.2%	162.07	47.24	41.1%	120.21	5.38	4.7%	116.80	1.98	1.7%
22,000	119.56	152.31	32.75	27.4%	169.36	49.79	41.6%	125.20	5.64	4.7%	121.93	2.37	2.0%
23,000	124.30	158.53	34.23	27.5%	176.64	52.34	42.1%	130.20	5.90	4.7%	127.07	2.77	2.2%
24,000	129.04	164.76	35.72	27.7%	183.93	54.90	42.5%	135.19	6.15	4.8%	132.20	3.16	2.5%
25,000	133.78	170.99	37.21	27.8%	191.22	57.45	42.9%	140.18	6.41	4.6%	137.33	3.56	2.7%

Missouri American Water
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Rate A - District 3	\$3.7424	\$5.4735	\$6.5958
Rate A - Consolidated		\$4.9941	\$5.1334

A B C D E F G H I J K L M N

District 3 - Rate A Monthly													
Monthly Usage	Current Rate	Current 3 Water Districts						Consolidated Pricing					
		No Change to Fixed Charge			Change to Fixed Charge			No Change to Fixed Charge			Change to Fixed Charge		
		New	\$ Chg	% Chg	New	\$ Chg	% Chg	New	\$ Chg	% Chg	New	\$ Chg	% Chg
1,000	19.07	20.80	1.73	9.1%	15.60	(3.48)	(18.2%)	20.32	1.25	6.6%	14.13	(4.94)	(25.9%)
2,000	22.81	26.28	3.46	15.2%	22.19	(0.62)	(2.7%)	25.32	2.50	11.0%	19.27	(3.55)	(15.6%)
3,000	26.56	31.75	5.19	19.6%	28.79	2.23	8.4%	30.31	3.76	14.1%	24.40	(2.16)	(8.1%)
4,000	30.30	37.22	6.92	22.9%	35.38	5.08	16.8%	35.31	5.01	16.5%	29.53	(0.77)	(2.5%)
5,000	34.04	42.70	8.66	25.4%	41.98	7.94	23.3%	40.30	6.26	18.4%	34.67	0.62	1.8%
6,000	37.78	48.17	10.39	27.5%	48.57	10.79	28.6%	45.29	7.51	19.9%	39.80	2.02	5.3%
7,000	41.53	53.64	12.12	29.2%	55.17	13.64	32.9%	50.29	8.76	21.1%	44.93	3.41	8.2%
8,000	45.27	59.12	13.85	30.6%	61.77	16.50	36.4%	55.28	10.01	22.1%	50.07	4.80	10.6%
9,000	49.01	64.59	15.58	31.8%	68.36	19.35	39.5%	60.28	11.27	23.0%	55.20	6.19	12.6%
10,000	52.75	70.07	17.31	32.8%	74.96	22.20	42.1%	65.27	12.52	23.7%	60.33	7.58	14.4%
11,000	56.50	75.54	19.04	33.7%	81.55	25.06	44.4%	70.27	13.77	24.4%	65.47	8.97	15.9%
12,000	60.24	81.01	20.77	34.5%	88.15	27.91	46.3%	75.26	15.02	24.9%	70.60	10.36	17.2%
13,000	63.98	86.49	22.50	35.2%	94.75	30.76	48.1%	80.25	16.27	25.4%	75.73	11.75	18.4%
14,000	67.72	91.96	24.24	35.8%	101.34	33.62	49.6%	85.25	17.52	25.9%	80.87	13.14	19.4%
15,000	71.47	97.43	25.97	36.3%	107.94	36.47	51.0%	90.24	18.78	26.3%	86.00	14.53	20.3%
16,000	75.21	102.91	27.70	36.8%	114.53	39.32	52.3%	95.24	20.03	26.6%	91.13	15.93	21.2%
17,000	78.95	108.38	29.43	37.3%	121.13	42.18	53.4%	100.23	21.28	27.0%	96.27	17.32	21.9%
18,000	82.69	113.85	31.16	37.7%	127.72	45.03	54.5%	105.22	22.53	27.2%	101.40	18.71	22.6%
19,000	86.44	119.33	32.89	38.1%	134.32	47.88	55.4%	110.22	23.78	27.5%	106.53	20.10	23.3%
20,000	90.18	124.80	34.62	38.4%	140.92	50.74	56.3%	115.21	25.03	27.8%	111.67	21.49	23.8%
21,000	93.92	130.27	36.35	38.7%	147.51	53.59	57.1%	120.21	26.29	28.0%	116.80	22.88	24.4%
22,000	97.66	135.75	38.08	39.0%	154.11	56.44	57.8%	125.20	27.54	28.2%	121.93	24.27	24.9%
23,000	101.41	141.22	39.82	39.3%	160.70	59.30	58.5%	130.20	28.79	28.4%	127.07	25.66	25.3%
24,000	105.15	146.69	41.55	39.5%	167.30	62.15	59.1%	135.19	30.04	28.6%	132.20	27.05	25.7%
25,000	108.89	152.17	43.28	39.7%	173.89	65.00	59.7%	140.18	31.29	28.7%	137.33	28.44	26.1%