

**BEFORE THE PUBLIC SERVICE COMMISSION
STATE OF MISSOURI**

In the Matter of Missouri-American Water Company)
Request for Authority to Implement a General Rate)
Increase for Water and Sewer Service Provided in)
Missouri Service Areas.)
Case No. WR-2015-0301

**STAFF'S RESPONSE TO
ORDER DIRECTING STAFF TO PREPARE SCENARIOS**

COMES NOW the Staff of the Missouri Public Service Commission, by and through counsel, and for its *Response* to the Commission's *Order Directing Staff to Prepare Scenarios*, states as follows:

1. On May 11, 2016, the Commission issued its *Order Directing Staff to Prepare Scenarios*, in which it directed Staff to prepare and file on May 16, 2016, scenarios as follows:

1. Assume that Missouri-American's water service is consolidated into the three water-rate districts proposed by Staff; assume a single block volumetric design for all customers as proposed by Missouri-American; assume a state-wide customer charge of \$15.33 per month; assume the purchased power allocation in Missouri-American's class cost of service study is not modified as proposed by MIEC; assume that Missouri-American's proposal to limit allocation of Administrative and General costs to \$20 per customer for each sewer district is adopted, and finally, assume that Missouri-American's existing sewer districts are consolidated to two districts as proposed by Missouri-American. For that scenario:
 - a. If the Arnold sewer district's rates are capped at \$33.58 per month as promised by Missouri-American, is there a revenue shortfall in the Arnold district, and if so, how much is that shortfall.
 - b. Assuming Missouri-American's customers will not be required to pay for any shortfall resulting from the cap on Arnold's rates, what is the effect on customer rates for each water and sewer district?

2. Same scenario as 1, except that Missouri-American's existing sewer districts are consolidated into five districts as proposed by Staff.

2. The attached sheets are an estimate of proposed impacts based upon the Commission's direction as put forth in the Order for Scenario. For water customers, the two attached scenarios are the Staff's and Company's interpretation of the order. The basic difference between the two is that Staff's customer classes in Districts 2 (St. Joseph, et al.) and 3 (Joplin, et al.) are Residential, Commercial, Industrial, Other Public Authority (OPA), and Sale for Resale. MAWC uses rate classes A, J, and B, where Rate A includes residential, commercial, small industrial and OPA. Rate J is large industrial. Rate B is sale for resale. The St. Louis Metro district currently has the Rate A, J, and B classifications, whereas the other districts have separate customer classes and rates for residential, commercial, industrial and OPA which Staff has retained in its scenario.

3. In response to question 1.a, with the scenario as proposed by the Commission, there is no shortfall to the Arnold sewer district.

4. In response to question 1.b, with the scenario as proposed by the Commission, there is no effect on customer rates for each water and sewer district because there is no shortfall to the Arnold sewer district.

5. In response to question 2.a, with the scenario as proposed by the Commission, there is no shortfall to the Arnold sewer district.

6. In response to question 2.b, with the scenario as proposed by the Commission, there is no effect on customer rates for each water and sewer district because there is no shortfall to the Arnold sewer district.

WHEREFORE, Staff prays that the Commission will accept Staff's *Response* to its *Order Directing Staff to Prepare Scenarios*.

Respectfully submitted,

/s/ Kevin A. Thompson

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Attorney for Staff of the
Missouri Public Service Commission

CERTIFICATE OF SERVICE

The undersigned hereby certifies that a true and correct copy of the foregoing has been served, by hand delivery, electronic mail, or First Class United States Mail, postage prepaid, to all parties of record on the Service List maintained for this case by the Data Center of the Missouri Public Service Commission, on this 16th day of May, 2016.

/s/ Kevin A. Thompson

**STAFF
COMPARISON OF WATER CTP VERSUS PRESENT RATES
STAFF CTP/ UNIFORM CUSTOMER CHARGES**

Uses Stipulated Billing Determinants
Single Volumetric Rate
Reflects \$30.413 overall increase in revenues
% change in bills includes rolling into base rates the current ISRS for St. Louis County

	St. Louis Metro Zone 1	Joplin Zone 3	Mexico Zone 1	Jefferson City Zone 1	Warrensburg Zone 3	Platte County Zone 2	St. Joseph Zone 2	Brunswick Zone 2	Spring Valley LWM Zone 3	Ozark Mtn. LTA Zone 3	MRSS Zone 3	Emerald Point Zone 3	Rankin Zone 3	Whitebranch Zone 3	Tri States Zone 3
3,000 Gallons/Month															
Present Rate	\$ 24.75	\$ 31.08	\$ 34.03	\$ 34.44	\$ 22.48	\$ 38.79	\$ 25.38	\$ 54.61	\$ 54.61	\$ 47.56	\$ 29.17	\$ 13.20	\$ 58.00	\$ 65.00	\$ 16.78
Proposed - CTP	27.56	29.05	27.56	27.56	29.05	29.89	29.89	29.89	29.05	29.05	29.05	29.05	\$ 58.00	\$ 65.00	29.05
Percentage Change	11.4%	-6.5%	-19.0%	-20.0%	29.2%	-22.9%	17.8%	-45.3%	-46.8%	-38.9%	-0.4%	120.1%	0.0%	0.0%	73.1%
5,000 Gallons/Month															
Present Rate	\$ 31.64	\$ 39.45	\$ 47.81	\$ 45.87	\$ 29.65	\$ 54.34	\$ 35.21	\$ 76.31	\$ 76.31	\$ 64.56	\$ 33.91	\$ 14.62	\$ 58.00	\$ 65.00	\$ 23.00
Proposed - CTP	35.72	38.20	35.72	35.72	38.20	39.60	39.60	39.60	38.20	38.20	38.20	38.20	\$ 58.00	\$ 65.00	38.20
Percentage Change	12.9%	-3.2%	-25.3%	-22.1%	28.8%	-27.1%	12.5%	-48.1%	-49.9%	-40.8%	12.6%	161.3%	0.0%	0.0%	66.1%
8,000 Gallons/Month															
Present Rate	\$ 41.98	\$ 52.00	\$ 68.49	\$ 63.01	\$ 40.40	\$ 77.65	\$ 49.94	\$ 108.86	\$ 108.86	\$ 90.06	\$ 41.02	\$ 16.75	\$ 58.00	\$ 65.00	\$ 32.33
Proposed - CTP	47.95	51.91	47.95	47.95	51.91	54.16	54.16	54.16	51.91	51.91	51.91	51.91	\$ 58.00	\$ 65.00	51.91
Percentage Change	14.2%	-0.2%	-30.0%	-23.9%	28.5%	-30.2%	8.5%	-50.2%	-52.3%	-42.4%	26.6%	209.9%	0.0%	0.0%	60.6%
RATE A - 1" METERS- COMMERCIAL															
5,000 Gallons/Month															
Present Rate	\$ 36.72	\$ 54.62	\$ 54.58	\$ 50.79	\$ 42.43	\$ 66.93	\$ 43.93	\$ 87.48	\$ 87.48	\$ 80.98	\$ 50.33	\$ 29.07			\$ 25.99
Proposed - CTP	45.80	43.47	45.80	45.80	43.47	49.28	49.28	49.28	43.47	43.47	43.47	43.47			48.28
Percentage Change	24.7%	-20.4%	-16.1%	-9.8%	2.4%	-26.4%	12.2%	-43.7%	-50.3%	-46.3%	-13.6%	49.5%			85.7%
15,000 Gallons/Month															
Present Rate	\$ 71.17	\$ 96.65	\$ 115.31	\$ 107.97	\$ 84.73	\$ 144.66	\$ 93.15	\$ 185.48	\$ 185.48	\$ 165.98	\$ 74.03	\$ 36.17			\$ 57.09
Proposed - CTP	86.58	79.59	86.58	86.58	79.59	97.01	97.01	97.01	79.59	79.59	79.59	79.59			94.01
Percentage Change	21.7%	-17.7%	-24.9%	-19.8%	-6.1%	-32.9%	4.1%	-47.7%	-57.1%	-52.1%	7.5%	120.0%			64.7%
30,000 Gallons/Month															
Present Rate	\$ 122.84	\$ 159.69	\$ 206.41	\$ 193.74	\$ 148.18	\$ 261.25	\$ 166.97	\$ 332.48	\$ 332.48	\$ 293.48	\$ 109.58	\$ 46.82			\$ 103.74
Proposed - CTP	147.75	133.76	147.75	147.75	133.76	168.61	168.61	168.61	162.60	162.60	162.60	162.60			162.60
Percentage Change	20.3%	-16.2%	-28.4%	-23.7%	-9.7%	-35.5%	1.0%	-49.3%	-51.1%	-44.6%	48.4%	247.3%			56.7%
RATE A - 2" METERS - OPA															
5,000 Gallons/Month															
Present Rate	\$ 55.17	\$ 111.09	\$ 95.50	\$ 68.76	\$ 79.39	\$ 112.52	\$ 75.34	\$ 157.01	\$ 157.01	\$ 143.51	\$ 112.86	\$ 82.08			\$ 37.17
Proposed - CTP	82.37	77.44	82.37	82.37	77.44	82.59	82.59	82.59	84.85	84.85	84.85	84.85			84.85
Percentage Change	49.3%	-30.3%	-13.7%	19.8%	-2.5%	-26.6%	9.6%	-47.4%	-46.0%	-40.9%	-24.8%	3.4%			128.3%
15,000 Gallons/Month															
Present Rate	\$ 89.62	\$ 156.79	\$ 159.38	\$ 125.94	\$ 126.48	\$ 190.25	\$ 124.56	\$ 269.01	\$ 269.01	\$ 228.51	\$ 136.56	\$ 89.18			\$ 68.27
Proposed - CTP	123.15	108.37	123.15	123.15	108.37	123.82	123.82	123.82	130.58	130.58	130.58	130.58			130.58
Percentage Change	37.4%	-30.9%	-22.7%	-2.2%	-14.3%	-34.9%	-0.6%	-54.0%	-51.5%	-42.9%	-4.4%	46.4%			91.3%
30,000 Gallons/Month															
Present Rate	\$ 141.29	\$ 225.33	\$ 255.20	\$ 211.71	\$ 197.12	\$ 306.84	\$ 198.38	\$ 437.01	\$ 437.01	\$ 356.01	\$ 172.11	\$ 99.83			\$ 114.92
Proposed - CTP	184.32	154.76	184.32	184.32	154.76	185.65	185.65	185.65	199.17	199.17	199.17	199.17			199.17
Percentage Change	30.5%	-31.3%	-27.8%	-12.9%	-21.5%	-39.5%	-6.4%	-57.5%	-54.4%	-44.1%	15.7%	99.5%			73.3%

**STAFF
COMPARISON OF WATER CTP VERSUS PRESENT RATES
STAFF CTP/ UNIFORM CUSTOMER CHARGES**

Uses Stipulated Billing Determinants
Single Volumetric Rate
Reflects \$30.413 overall increase in revenues
% change in bills includes rolling into base rates the current ISRS for St. Louis County

	St. Louis Metro	Joplin	Mexico	Jefferson City	Warrensburg	Platte County	St. Joseph	Brunswick	Spring Valley LWM	Ozark Mtn. LTA	MRSS	Emerald Point	Rankin	Whitebranch	Tri States
RATE A - 6" METERS - SMALL INDUSTRIAL															
25,000 Gallons/Month															
Present Rate	\$ 265.36	\$ 636.35	\$ 584.67	\$ 320.47	\$ 423.91	\$ 615.81	\$ 470.77	\$ 963.14	\$ 963.14	\$ 790.64	\$ 637.39				\$ 234.30
Proposed - CTP	443.00	394.87	391.56	391.56	394.87	392.39	392.39	392.39	455.38	455.38	455.38				455.38
Percentage Change	66.9%	-37.9%	-33.0%	22.2%	-6.8%	-36.3%	-16.6%	-59.3%	-52.7%	-42.4%	-28.6%				94.4%
50,000 Gallons/Month															
Present Rate	\$ 351.48	\$ 767.70	\$ 805.60	\$ 463.42	\$ 528.26	\$ 810.14	\$ 651.14	\$ 1,348.14	\$ 1,348.14	\$ 1,003.14	\$ 696.64				\$ 312.05
Proposed - CTP	544.96	448.70	442.06	442.06	448.70	443.73	443.73	443.73	569.71	569.71	569.71				569.71
Percentage Change	55.0%	-41.6%	-45.1%	-4.6%	-15.1%	-45.2%	-31.9%	-67.1%	-57.7%	-43.2%	-18.2%				82.6%
100,000 Gallons/Month															
Present Rate	\$ 523.71	\$ 1,030.40	\$ 1,247.44	\$ 749.32	\$ 736.96	\$ 1,198.79	\$ 1,011.88	\$ 2,118.14	\$ 2,118.14	\$ 1,428.14	\$ 815.14				\$ 467.55
Proposed - CTP	748.86	556.34	543.07	543.07	556.34	546.41	546.41	546.41	798.36	798.36	798.36				798.36
Percentage Change	43.0%	-46.0%	-56.5%	-27.5%	-24.5%	-54.4%	-46.0%	-74.2%	-62.3%	-44.1%	-2.1%				70.8%
RATE J - 6" METERS - LARGE USERS															
45,000 Gallons/Month															
Present Rate	\$ 249.00	\$ 741.43	\$ 761.41	\$ 434.83	\$ 507.39	\$ 771.27	\$ 615.07	\$ 1,271.14							
Proposed - CTP	431.96	437.93	431.96	431.96	437.93	433.46	433.46	433.46							
Percentage Change	73.5%	-40.9%	-43.3%	-0.7%	-13.7%	-43.8%	-29.5%	-65.9%							
2,000,000 Gallons/Month															
Present Rate	\$ 3,279.64	\$ 6,623.00	\$ 10,653.00	\$ 8,275.09	\$ 5,180.00	\$ 10,262.00	\$ 8,691.00	\$ 16,368.00							
Proposed - CTP	4,381.45	4,646.85	4,381.45	4,381.45	4,646.85	4,448.25	4,448.25	4,448.25							
Percentage Change	33.6%	-29.8%	-58.9%	-47.1%	-10.3%	-56.7%	-48.8%	-72.8%							
4,000,000 Gallons/Month															
Present Rate	\$ 6,380.04	\$ 11,165.00	\$ 18,294.00	\$ 15,927.09	\$ 8,789.00	\$ 17,623.00	\$ 13,567.00	\$ 31,368.00							
Proposed - CTP	8,421.85	8,952.65	8,421.85	8,421.85	8,952.65	8,555.45	8,555.45	8,555.45							
Percentage Change	32.0%	-19.8%	-54.0%	-47.1%	1.9%	-51.5%	-36.9%	-72.7%							
RATE B SFR - 6" METERS															
45,000 Gallons/Month															
Present Rate	\$ 261.25	\$ 764.52	\$ 807.73	\$ 434.83	\$ 632.70	\$ 771.27	\$ 511.88	\$ 1,259.89							
Proposed - CTP	404.50	456.13	404.50	404.50	456.13	474.33	474.33	474.33							
Percentage Change	54.8%	-40.3%	-49.9%	-7.0%	-27.9%	-38.5%	-7.3%	-62.4%							
2,000,000 Gallons/Month															
Present Rate	\$ 3,824.04	\$ 7,220.00	\$ 11,852.00	\$ 8,275.09	\$ 8,425.00	\$ 10,262.00	\$ 8,045.00	\$ 24,893.00							
Proposed - CTP	3,161.25	5,455.65	3,161.25	2,832.49	5,455.65	6,264.65	6,264.65	6,264.65							
Percentage Change	-17.3%	-24.4%	-73.3%	-65.8%	-35.2%	-39.0%	-22.1%	-74.8%							
4,000,000 Gallons/Month															
Present Rate	\$ 7,468.84	\$ 12,206.05	\$ 20,382.87	\$ 15,927.09	\$ 14,401.66	\$ 17,623.39	\$ 14,414.15	\$ 48,893.00							
Proposed - CTP	5,981.45	10,570.25	5,981.45	5,981.45	10,570.25	12,188.25	12,188.25	12,188.25							
Percentage Change	-19.9%	-13.4%	-70.7%	-62.4%	-26.6%	-30.8%	-15.4%	-75.1%							

**MISSOURI AMERICAN WATER COMPANY
COMPARISON OF WATER CTP VERSUS PRESENT RATES
STAFF CTP/ UNIFORM CUSTOMER CHARGES**

Uses Stipulated Billing Determinants
Single Volumetric Rate
Reflects \$30.413 overall increase in revenues
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	St. Louis Metro Zone 1	Joplin Zone 3	Mexico Zone 1	Jefferson City Zone 1	Warrensburg Zone 3	Platte County Zone 2	St. Joseph Zone 2	Brunswick Zone 2	Spring Valley LWM Zone 3	Ozark Mtn. LTA Zone 3	MRSS Zone 3	Emerald Point Zone 3	Rankin Zone 3	Whitebranch Zone 3	Tri States Zone 3
3,000 Gallons/Month															
Present Rate	\$ 24.75	\$ 31.08	\$ 34.03	\$ 34.44	\$ 22.48	\$ 38.79	\$ 25.38	\$ 54.61	\$ 54.61	\$ 47.56	\$ 29.17	\$ 13.20	\$ 58.00	\$ 65.00	\$ 16.78
Proposed - CTP	27.76	27.21	27.76	27.76	27.21	29.55	29.55	29.55	27.21	27.21	27.21	27.21	\$ 58.00	\$ 65.00	27.21
Percentage Change	12.2%	-12.5%	-18.4%	-19.4%	21.0%	-23.8%	16.4%	-45.9%	-50.2%	-42.8%	-6.7%	106.1%	0.0%	0.0%	62.1%
5,000 Gallons/Month															
Present Rate	\$ 31.64	\$ 39.45	\$ 47.81	\$ 45.87	\$ 29.65	\$ 54.34	\$ 35.21	\$ 76.31	\$ 76.31	\$ 64.56	\$ 33.91	\$ 14.62	\$ 58.00	\$ 65.00	\$ 23.00
Proposed - CTP	36.05	35.12	36.05	36.05	35.12	39.03	39.03	39.03	35.12	35.12	35.12	35.12	\$ 58.00	\$ 65.00	35.12
Percentage Change	13.9%	-11.0%	-24.6%	-21.4%	18.5%	-28.2%	10.9%	-48.9%	-54.0%	-45.6%	3.6%	140.2%	0.0%	0.0%	52.7%
8,000 Gallons/Month															
Present Rate	\$ 41.98	\$ 52.00	\$ 68.49	\$ 63.01	\$ 40.40	\$ 77.65	\$ 49.94	\$ 108.86	\$ 108.86	\$ 90.06	\$ 41.02	\$ 16.75	\$ 58.00	\$ 65.00	\$ 32.33
Proposed - CTP	48.48	47.00	48.48	48.48	47.00	53.25	53.25	53.25	47.00	47.00	47.00	47.00	\$ 58.00	\$ 65.00	47.00
Percentage Change	15.5%	-9.6%	-29.2%	-23.1%	16.3%	-31.4%	6.6%	-51.1%	-56.8%	-47.8%	14.6%	180.6%	0.0%	0.0%	45.4%
RATE A - 1" METERS- COMMERCIAL															
5,000 Gallons/Month															
Present Rate	\$ 36.72	\$ 54.62	\$ 54.58	\$ 50.79	\$ 42.43	\$ 66.93	\$ 43.93	\$ 87.48	\$ 87.48	\$ 80.98	\$ 50.33	\$ 29.07			\$ 25.99
Proposed - CTP	46.13	45.21	46.13	46.13	45.21	49.12	49.12	49.12	45.21	45.21	45.21	45.21			45.21
Percentage Change	25.6%	-17.2%	-15.5%	-9.2%	6.5%	-26.6%	11.8%	-43.9%	-48.3%	-44.2%	-10.2%	55.5%			73.9%
15,000 Gallons/Month															
Present Rate	\$ 71.17	\$ 96.65	\$ 115.31	\$ 107.97	\$ 84.73	\$ 144.66	\$ 93.15	\$ 185.48	\$ 185.48	\$ 165.98	\$ 74.03	\$ 36.17			\$ 57.09
Proposed - CTP	87.58	84.80	87.58	87.58	84.80	96.52	96.52	96.52	84.80	84.80	84.80	84.80			84.80
Percentage Change	23.1%	-12.3%	-24.1%	-18.9%	0.1%	-33.3%	3.6%	-48.0%	-54.3%	-48.9%	14.5%	134.4%			48.5%
30,000 Gallons/Month															
Present Rate	\$ 122.84	\$ 159.69	\$ 206.41	\$ 193.74	\$ 148.18	\$ 261.25	\$ 166.97	\$ 332.48	\$ 332.48	\$ 293.48	\$ 109.58	\$ 46.82			\$ 103.74
Proposed - CTP	149.74	144.18	149.74	149.74	144.18	167.63	167.63	167.63	144.18	144.18	144.18	144.18			144.18
Percentage Change	21.9%	-9.7%	-27.5%	-22.7%	-2.7%	-35.8%	0.4%	-49.6%	-56.6%	-50.9%	31.6%	207.9%			39.0%
RATE A - 2" METERS - OPA															
5,000 Gallons/Month															
Present Rate	\$ 55.17	\$ 111.09	\$ 95.50	\$ 68.76	\$ 79.39	\$ 112.52	\$ 75.34	\$ 157.01	\$ 157.01	\$ 143.51	\$ 112.86	\$ 82.08			\$ 37.17
Proposed - CTP	82.70	81.77	82.70	82.70	81.77	85.68	85.68	85.68	81.77	81.77	81.77	81.77			81.77
Percentage Change	49.9%	-26.4%	-13.4%	20.3%	3.0%	-23.9%	13.7%	-45.4%	-47.9%	-43.0%	-27.5%	-0.4%			120.0%
15,000 Gallons/Month															
Present Rate	\$ 89.62	\$ 156.79	\$ 159.38	\$ 125.94	\$ 126.48	\$ 190.25	\$ 124.56	\$ 269.01	\$ 269.01	\$ 228.51	\$ 136.56	\$ 89.18			\$ 68.27
Proposed - CTP	124.14	121.36	124.14	124.14	121.36	133.08	133.08	133.08	121.36	121.36	121.36	121.36			121.36
Percentage Change	38.5%	-22.6%	-22.1%	-1.4%	-4.0%	-30.0%	6.8%	-50.5%	-54.9%	-46.9%	-11.1%	36.1%			77.8%
30,000 Gallons/Month															
Present Rate	\$ 141.29	\$ 225.33	\$ 255.20	\$ 211.71	\$ 197.12	\$ 306.84	\$ 198.38	\$ 437.01	\$ 437.01	\$ 356.01	\$ 172.11	\$ 99.83			\$ 114.92
Proposed - CTP	186.30	180.74	186.30	186.30	180.74	204.19	204.19	204.19	180.74	180.74	180.74	180.74			180.74
Percentage Change	31.9%	-19.8%	-27.0%	-12.0%	-8.3%	-33.5%	2.9%	-53.3%	-58.6%	-49.2%	5.0%	81.0%			57.3%

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RATE A - 6" METERS - SMALL INDUSTRIAL															
25,000 Gallons/Month															
Present Rate	\$ 265.36	\$ 636.35	\$ 584.67	\$ 320.47	\$ 423.91	\$ 615.81	\$ 470.77	\$ 963.14	\$ 963.14	\$ 790.64	\$ 637.39				\$ 234.30
Proposed - CTP	444.65	440.02	444.65	444.65	440.02	459.56	459.56	459.56	440.02	440.02	440.02				440.02
Percentage Change	67.6%	-30.9%	-23.9%	38.7%	3.8%	-25.4%	-2.4%	-52.3%	-54.3%	-44.3%	-31.0%				87.8%
50,000 Gallons/Month															
Present Rate	\$ 351.48	\$ 767.70	\$ 805.60	\$ 463.42	\$ 528.26	\$ 810.14	\$ 651.14	\$ 1,348.14	\$ 1,348.14	\$ 1,003.14	\$ 696.64				\$ 312.05
Proposed - CTP	548.26	538.99	548.26	548.26	538.99	578.07	578.07	578.07	538.99	538.99	538.99				538.99
Percentage Change	56.0%	-29.8%	-31.9%	18.3%	2.0%	-28.6%	-11.2%	-57.1%	-60.0%	-46.3%	-22.6%				72.7%
100,000 Gallons/Month															
Present Rate	\$ 523.71	\$ 1,030.40	\$ 1,247.44	\$ 749.32	\$ 736.96	\$ 1,198.79	\$ 1,011.88	\$ 2,118.14	\$ 2,118.14	\$ 1,428.14	\$ 815.14				\$ 467.55
Proposed - CTP	755.47	736.93	755.47	755.47	736.93	815.09	815.09	815.09	736.93	736.93	736.93				736.93
Percentage Change	44.3%	-28.5%	-39.4%	0.8%	0.0%	-32.0%	-19.4%	-61.5%	-65.2%	-48.4%	-9.6%				57.6%
RATE J - 6" METERS - LARGE USERS															
45,000 Gallons/Month															
Present Rate	\$ 249.00	\$ 741.43	\$ 761.41	\$ 434.83	\$ 507.39	\$ 771.27	\$ 615.07	\$ 1,271.14							
Proposed - CTP	417.55	445.99	417.55	417.55	445.99	482.80	482.80	482.80							
Percentage Change	67.7%	-39.8%	-45.2%	-4.0%	-12.1%	-37.4%	-21.5%	-62.0%							
2,000,000 Gallons/Month															
Present Rate	\$ 3,279.64	\$ 6,623.00	\$ 10,653.00	\$ 8,275.09	\$ 5,180.00	\$ 10,262.00	\$ 8,691.00	\$ 16,368.00							
Proposed - CTP	3,741.05	5,005.05	3,741.05	3,741.05	5,005.05	6,641.05	6,641.05	6,641.05							
Percentage Change	14.1%	-24.4%	-64.9%	-54.8%	-3.4%	-35.3%	-23.6%	-59.4%							
4,000,000 Gallons/Month															
Present Rate	\$ 6,380.04	\$ 11,165.00	\$ 18,294.00	\$ 15,927.09	\$ 8,789.00	\$ 17,623.00	\$ 13,567.00	\$ 31,368.00							
Proposed - CTP	7,141.05	9,669.05	7,141.05	7,141.05	9,669.05	12,941.05	12,941.05	12,941.05							
Percentage Change	11.9%	-13.4%	-61.0%	-55.2%	10.0%	-26.6%	-4.6%	-58.7%							
RATE B SFR - 6" METERS															
45,000 Gallons/Month															
Present Rate	\$ 261.25	\$ 764.52	\$ 807.73	\$ 434.83	\$ 632.70	\$ 771.27	\$ 511.88	\$ 1,259.89							
Proposed - CTP	431.32	470.56	431.32	431.32	470.56	472.63	472.63	472.63							
Percentage Change	65.1%	-38.5%	-46.6%	-0.8%	-25.6%	-38.7%	-7.7%	-62.5%							
2,000,000 Gallons/Month															
Present Rate	\$ 3,824.04	\$ 7,220.00	\$ 11,852.00	\$ 8,275.09	\$ 8,425.00	\$ 10,262.00	\$ 8,045.00	\$ 24,893.00							
Proposed - CTP	4,353.05	6,097.05	4,353.05	3,885.35	6,097.05	6,189.05	6,189.05	6,189.05							
Percentage Change	13.8%	-15.6%	-63.3%	-53.0%	-27.6%	-39.7%	-23.1%	-75.1%							
4,000,000 Gallons/Month															
Present Rate	\$ 7,468.84	\$ 12,206.05	\$ 20,382.87	\$ 15,927.09	\$ 14,401.66	\$ 17,623.39	\$ 14,414.15	\$ 48,893.00							
Proposed - CTP	8,365.05	11,853.05	8,365.05	8,365.05	11,853.05	12,037.05	12,037.05	12,037.05							
Percentage Change	12.0%	-2.9%	-59.0%	-47.5%	-17.7%	-31.7%	-16.5%	-75.4%							

MISSOURI -AMERICAN WATER COMPANY
COMPARISON OF MONTHLY SEWER RATES - PRESENT AND PROPOSED

	District A - Arnold		District B - Platte County		District B Present Rates				Proposed Rates	District B Present Rates			Proposed Rates	District B Present Rates		
	Present	Proposed	Present	Proposed	Cedar Hill	Warren County	Meramec	Anna Meadows		Ozark MTN	Maplewood	Jefferson City		Stonebridge/Saddlebrooke/	Emerald Pointe	Proposed Rates
Residential																
Minimum Charge																
5/8-Inch	20.93	27.4		30.00				30.00		\$6.26	\$ 17.30	30.00	\$ 40.97	\$ 46.22	30.00	
3/4-Inch				37.50				37.50			18.93	37.50			37.50	
1-Inch				45.00				45.00			22.20	45.00	\$ 77.89	\$ 105.57	45.00	
1 1/2-Inch				60.00				60.00			30.38	60.00	\$ 139.43		60.00	
2-Inch				75.00				75.00		\$ 66.95	40.17	75.00		\$ 323.22	75.00	
3-Inch				90.00				90.00		\$ 125.54	63.09	90.00			90.00	
4-Inch				120.00				120.00			95.80	120.00			120.00	
6-Inch				150.00				150.00			177.52	150.00			150.00	
5/8-Inch - B				30.00				30.00				30.00	\$ 36.69		30.00	
1-Inch - B				45.00				45.00				45.00	\$ 69.74		45.00	
Volumetric Charge - per 100 gallons				0.5234				0.5234		0.5340		0.5234			0.5234	
Rate A				0.5234				0.5234				0.5234	0.60324		0.5234	
Rate B				0.5234				0.5234				0.5234	0.40411		0.5234	
First 6,000 gallons				0.5234				0.5234				0.5234			0.5234	
Next 6,000 gallons - Per 100 gallons				0.5234				0.5234				0.5234		0.3320	0.5234	
Over Minimum	0.4350	0.5695														
Flat Rate	\$ 24.33	31.85	\$65.22	56.17	\$ 65.22	\$ 65.22	\$ 26.33	\$ 35.00	\$ 56.17	\$ 65.22	\$ 27.62	\$ 65.22	\$ 56.17	\$ 65.22	\$ 56.17	
Flat Rate - B													\$ 65.94			
Multi-Family - Flat Rate				50.94	\$ 52.19		21.07	50.94			\$ 55.43	50.94			50.94	
Mobile Home - Flat Rate				51.98	\$ 58.70		23.70	51.98				51.98			51.98	
Commercial																
Minimum Charge																
5/8-Inch		\$ 31.85		30.00				30.00			\$ 17.30	30.00	\$ 40.97	\$ 46.22	30.00	
3/4-Inch				37.50				37.50			18.93	37.50			37.50	
1-Inch				45.00				45.00			22.20	45.00	\$ 77.89	\$ 105.57	45.00	
1 1/2-Inch				60.00				60.00			30.38	60.00	\$ 139.43		60.00	
2-Inch				75.00				75.00			40.17	75.00		\$ 323.22	75.00	
3-Inch				90.00				90.00			63.09	90.00			90.00	
4-Inch				120.00				120.00			95.80	120.00			120.00	
6-Inch				150.00				150.00			177.52	150.00			150.00	
5/8-Inch - B				30.00				30.00				30.00	\$ 36.69		30.00	
1-Inch - B				45.00				45.00				45.00	\$ 69.74		45.00	
Volumetric Charges																
First 6,000 gallons					\$ -											
Next 6,000 gallons - Per 100 gallons		0.5695		0.5234	0.6837			0.5234			0.6149	0.5234		0.3320	0.5234	
Rate A		0.5695		0.5234				0.5234				0.5234	0.60324		0.5234	
Rate B		0.5695		0.5234				0.5234				0.5234	0.40411		0.5234	
Flat Rate				56.17	\$ 65.22	\$ -		56.17			\$ 65.22	56.17			56.17	

MISSOURI -AMERICAN WATER COMPANY
COMPARISON OF MONTHLY SEWER RATES - PRESENT AND PROPOSED

	District A - Arnold		District B - Platte County		District C				Proposed Rates	District D			District E		
	Present Rates		Present Rates		Cedar Hill	Warren County	Meramec	Anna Meadows		Present Rates			Present Rates		
	Present	Proposed	Present	Proposed						Ozark MTN	Maplewood	Jefferson City	Proposed Rates	Stonebridge/Saddlebrooke/	Emerald Pointe
Residential															
Minimum Charge															
5/8-Inch	20.93	27.4		43.90				37.65		\$6.26	\$ 17.30	37.60	\$ 40.97	\$ 46.22	18.45
3/4-Inch				54.88				47.06			18.93	47.00			23.06
1-Inch				65.85				56.48			22.20	56.40	\$ 77.89	\$ 105.57	27.68
1 1/2-Inch				87.80				75.30			30.38	75.20	\$ 139.43		36.90
2-Inch				109.75				94.13		\$ 66.95	40.17	94.00		\$ 323.22	46.13
3-Inch				131.70				112.95		\$ 125.54	63.09	112.80			55.35
4-Inch				175.60				150.60			95.80	150.40			73.80
6-Inch				219.50				188.25			177.52	188.00			92.25
5/8-Inch - B				43.90				37.65				37.60	\$ 36.69		18.45
1-Inch - B				65.85				56.48				56.40	\$ 69.74		27.68
Volumetric Charge - per 100 gallons				0.6500				0.4000		0.5340		0.5900			0.4960
Rate A				0.6500				0.4000				0.5900	0.60324		0.4960
Rate B				0.6500				0.4000				0.5900	0.40411		0.4960
First 6,000 gallons				0.6500				0.4000				0.5900			0.4960
Next 6,000 gallons - Per 100 gallons				0.6500				0.4000				0.5900		0.3320	0.4960
Over Minimum	0.4350	0.5695													
Flat Rate	\$ 24.33	31.85	\$65.22	76.40	\$ 65.22	\$ 65.22	\$ 26.33	\$ 35.00	\$ 57.65	\$ 65.22	\$ 27.62	\$ 65.22	\$ 67.10	\$ 65.22	\$ 43.25
Flat Rate - B													\$ 65.94		
Multi-Family - Flat Rate				69.90	\$ 52.19		21.07	53.65			\$ 55.43	61.20			38.29
Mobile Home - Flat Rate				71.20	\$ 58.70		23.70	54.45				62.38			39.28
Commercial															
Minimum Charge															
5/8-Inch		\$ 31.85		43.90				37.65			\$ 17.30	37.60	\$ 40.97	\$ 46.22	18.45
3/4-Inch				54.88				47.06			18.93	47.00			23.06
1-Inch				65.85				56.48			22.20	56.40	\$ 77.89	\$ 105.57	27.68
1 1/2-Inch				87.80				75.30			30.38	75.20	\$ 139.43		36.90
2-Inch				109.75				94.13			40.17	94.00		\$ 323.22	46.13
3-Inch				131.70				112.95			63.09	112.80			55.35
4-Inch				175.60				150.60			95.80	150.40			73.80
6-Inch				219.50				188.25			177.52	188.00			92.25
5/8-Inch - B				43.90				37.65				37.60	\$ 36.69		18.45
1-Inch - B				65.85				56.48				56.40	\$ 69.74		27.68
Volumetric Charges															
First 6,000 gallons					\$ -										
Next 6,000 gallons - Per 100 gallons		0.5695		0.6500	0.6837			0.4000			0.6149	0.5900		0.3320	0.4960
Rate A		0.5695		0.6500				0.4000				0.5900	0.60324		0.4960
Rate B		0.5695		0.6500				0.4000				0.5900	0.40411		0.4960
Flat Rate				76.40	\$ 65.22	\$ -		57.65			\$ 65.22	67.10			43.25