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August 22, 2000

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FILED³

AUG 22 2000

Missouri Public
Service Commission

Mr. Dale Hardy Roberts
Secretary/Chief Regulatory Law Judge
Missouri Public Service Commission
P. O. Box 360
Jefferson City, MO 65102

RE: Case No. WR-2000-281

Dear Mr. Roberts:

Enclosed for filing in the above-captioned case are an original and eight (8) conformed copies of **STAFF'S REVISED LATE FILED EXHIBIT SHOWING RATE IMPACT OF ITS PROPOSED REVENUE REQUIREMENT AND RATE DESIGN.**

This filing has been mailed or hand-delivered this date to all counsel of record.

Thank you for your attention to this matter.

Sincerely yours,

Keith R. Krueger
Deputy General Counsel
(573) 751-4140
(573) 751-9285 (Fax)

KRK/dkf
Enclosure
cc: Counsel of Record

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

FILED³
AUG 22 2000

Missouri Public
Service Commission

In the Matter of Missouri-American Water)
Company's Tariff Sheets Designed to)
Implement General Rate Increases for)
water and Sewer Service Provided to)
Customers in the Missouri Service Area of)
the Company)

Case No. WR-2000-281

**STAFF'S REVISED LATE-FILED EXHIBIT SHOWING RATE IMPACT
OF ITS PROPOSED REVENUE REQUIREMENT AND RATE DESIGN**

COMES NOW the Staff of the Missouri Public Service Commission ("Staff"), and for its Revised Late-Filed Exhibit Showing Rate Impact of Its Proposed Revenue Requirement and Rate Design states to the Missouri Public Service Commission ("Commission") as follows:

1. On August 17, 2000, the Commission issued its Order Directing Filing, in which it ordered the Staff to supplement the late-filed exhibit that the Staff filed on August 15, 2000, by revising its previous exhibit to follow the format of the exhibit prepared and submitted by Missouri-American Water Company ("Company"); by showing usage figures in thousands of gallons per month¹; by showing the conversion factors used to convert figures from hundreds of cubic feet to thousands of gallons²; and by showing rate effects according to both single tariff pricing and district specific pricing. The Commission's order required the Staff to file this revised late-filed exhibit by no later than 3:00 p.m. on August 21, 2000.

2. On August 21, 2000, the Staff filed a request for a one-day extension of the deadline to file the said revised late-filed exhibit, but noted that the Staff did not propose single tariff

¹ The order requested that usage be shown in thousands of gallons per day. The Staff assumes this was in error, and that the Commission intended that usage be shown in thousands of gallons per month.

² The Commission's order requested conversions to thousands of gallons per day. The Staff assumes that the Commission intended to request conversion to thousands of gallons.

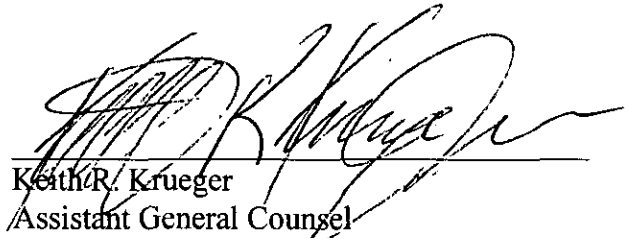
pricing, and that it would be both impossible to show the rate effect according to single tariff pricing within the time allowed for doing so and also inconsistent with the Staff's rate design proposal as filed, which called for district specific pricing.

3. The Staff herewith submits its revised late-filed exhibit, by which it attempts to comply with the Commission's Order Directing Filing, with the exception that the attached exhibit does not show rate effects according to single tariff pricing.

WHEREFORE, the Staff submits its Revised Late-Filed Exhibit herein.

Respectfully submitted,

DANA K. JOYCE
General Counsel

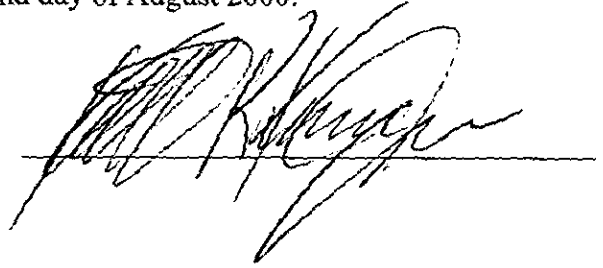


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Certificate of Service

I hereby certify that copies of the foregoing have been mailed or hand-delivered to all counsel of record as shown on the attached service list this 22nd day of August 2000.



MISSOURI AMERICAN WATER COMPANY

Case No. WR-2000-281

Warrensburg District

CUSTOMER RATE

Billed in Ccf

.746 Mgal = 1 Ccf
1 Mgal = 1.34 Ccf
1,000 gal = Mgal
100 cubic ft = Ccf

1 cubic ft = 7.46 gallons
1 gallon = .134 cubic ft
1000 gallons = 134 cubic ft

	Residential	Commercial	Industrial	Other Public Auth	Sales for Resale
Meter Size	5/8"	5/8"	1"	5/8"	2"
Average Usage (Ccf)	7.5 Ccf	34.4 Ccf	519.5 Ccf	125.7 Ccf	3346.5 Ccf
Average Usage (Mgal)	5.60 Mgal	25.66 Mgal	387.55 Mgal	93.77 Mgal	2,496.49 Mgal
Average Bill Present Rates	\$16.94	\$56.37	\$523.84	\$190.23	\$2,735.76
Staff - District Specific Rates (total)	\$19.12	\$72.00	\$675.36	\$275.64	\$6,507.47
Staff - District Specific Rates (total)	12.90%	27.71%	28.93%	44.90%	137.87%

Usage per Day conversions

	5/8" Residential	5/8" Commercial	1" Industrial	5/8" OPA	2" Resale
Monthly Usage	5.60 Mgal / Month	25.66 Mgal	387.55 Mgal	93.77 Mgal	2,496.49 Mgal
Mgal per day	0.18650 Mgal / day	0.85541 Mgal / day	12.91823 Mgal / day	3.12574 Mgal / day	83.21630 Mgal / day
Gallons per day	186.50 gal / day	855.41 gal / day	12,918.23 gal / day	3,125.74 gal / day	83,216.30 gal / day

MISSOURI AMERICAN WATER COMPANY

Case No. WR-2000-281

Joplin District

CUSTOMER RATE

Billed in Ccf

	Residential	Commercial	Industrial	Other Public Auth	Sales for Resale
Meter Size	5/8"	5/8"	2"	2"	2"
Average Usage (Ccf)	8.00 Ccf	34.60 Ccf	990.40 Ccf	100.10 Ccf	2,161.70 Ccf
Average Usage (Mgal)	5.97 Mgal	25.81 Mgal	738.84 Mgal	74.67 Mgal	1,612.63 Mgal
Average Bill Present Rates	\$17.67	\$56.67	\$928.10	\$175.04	\$1,890.09
Staff - District Specific Rates (total)	\$15.80	\$46.16	\$928.18	\$158.52	\$2,277.90
Staff - District Specific Rates (total)	-10.59%	-18.55%	0.01%	-9.43%	20.52%

Usage per Day conversions

	5/8" Residential	5/8" Commercial	1" Industrial	5/8" OPA	2" Resale
Monthly Usage	5.97 Mgal / Month	25.81 Mgal	738.84 Mgal	74.67 Mgal	1,612.63 Mgal
Mgal per day	0.20 Mgal / day	0.86 Mgal / day	24.63 Mgal / day	2.49 Mgal / day	53.75 Mgal / day
Gallons per day	198.93 gal / day	860.39 gal / day	24,627.95 gal / day	2,489.15 gal / day	53,754.27 gal / day

MISSOURI AMERICAN WATER COMPANY

Case No. WR-2000-281

St. Charles District

CUSTOMER RATE

Billed in Mgal

	Residential	Commercial	Industrial	Other Public Auth	Sales for Resale
Meter Size	5/8"	5/8"	2"	2"	none
Average Usage (Ccf)	11.13 Ccf	54.02 Ccf	156.57 Ccf	151.47 Ccf	0 Ccf
Average Usage (Mgal)	8.3 Mgal	40.3 Mgal	116.8 Mgal	113 Mgal	0 Mgal
Average Bill Present Rates	\$22.16	\$84.72	\$242.16	\$238.00	\$0.00
Staff - District Specific Rates (total)	\$22.56	\$86.60	\$235.44	\$287.10	\$0.00
Staff - District Specific Rates (total)	1.76%	2.22%	-2.77%	20.63%	n/a

Usage per Day conversions

	5/8" Residential	5/8" Commercial	1" Industrial	5/8" OPA	2" Resale
Monthly Usage	8.3 Mgal / Month	40.3 Mgal	116.8 Mgal	113 Mgal	0 Mgal
Mgal per day	0.28 Mgal / day	1.34 Mgal / day	3.89 Mgal / day	3.77 Mgal / day	0.00 Mgal / day
Gallons per day	276.67 gal / day	1343.33 gal / day	3893.33 gal / day	3766.67 gal / day	0.00 gal / day

MISSOURI AMERICAN WATER COMPANY
Case No. WR-2000-281
Mexico District

Billed in Ccf

CUSTOMER RATE

.746 Mgal = 1 Ccf
 1 Mgal = 1.34 Ccf
 1,000 gal = Mgal
 100 cubic ft = Ccf

1 cubic ft = 7.46 gallons
 1 gallon = .134 cubic ft
 1000 gallons = 134 cubic ft

	Residential	Commercial	Industrial	Other Public Auth	Sales for Resale
Meter Size	5/8"	5/8"	2"	5/8 "	2"
Average Usage (Ccf)	6.60 Ccf	23.60 Ccf	1077.20 Ccf	65.60 Ccf	2263.40 Ccf
Average Usage (Mgal)	4.92 Mgal	17.61 Mgal	803.59 Mgal	48.94 Mgal	1688.50 Mgal
Average Bill Present Rates	\$15.62	\$40.54	\$999.39	\$102.12	\$1,973.61
Staff - District Specific Rates (total)	\$25.12	\$64.16	\$2,415.48	\$178.04	\$5,947.64
Staff - District Specific Rates (total)	60.87%	58.25%	141.70%	74.35%	201.36%
Staff - Phase-in Year 1	\$18.57	\$46.55	\$1,310.23	\$119.45	\$2,838.14
Staff - Phase-in Year 1	18.90%	14.82%	31.10%	16.97%	43.80%
Staff - Phase-in Year 2	\$21.41	\$54.17	\$1,768.00	\$144.82	\$4,184.69
Staff - Phase-in Year 2	15.29%	16.38%	34.94%	21.24%	47.44%
Staff - Phase-in Year 3	\$24.86	\$63.46	\$2,350.69	\$175.72	\$5,824.23
Staff - Phase-in Year 3	16.14%	17.14%	32.96%	21.34%	39.18%
Staff - Phase-in Year 4	\$29.07	\$74.76	\$3,060.12	\$213.33	\$7,820.01
Staff - Phase-in Year 4	16.92%	17.81%	30.18%	21.40%	34.27%
Staff - Phase-in Year 5	\$34.19	\$88.52	\$3,924.09	\$259.12	\$10,250.42
Staff - Phase-in Year 5	17.63%	18.41%	28.23%	21.47%	31.08%
Staff - Phase-in Year 6	\$25.12	\$64.16	\$2,394.56	\$178.04	\$5,947.63
Staff - Phase-in Year 6	-26.53%	-27.53%	-38.98%	-31.29%	-41.98%

Usage per Day conversions

	5/8 "	Residential	5/8"	Commercial	1 "	Industrial	5/8 "	OPA	2 "	Resale
Monthly Usage		4.92 Mgal / Month		17.61 Mgal		803.59 Mgal		48.94 Mgal		1,688.50 Mgal
Mgal per day		0.16 Mgal / day		0.59 Mgal / day		26.79 Mgal / day		1.63 Mgal / day		56.28 Mgal / day
Gallons per day		164.12 gal / day		586.85 gal / day		26,786.37 gal / day		1,631.25 gal / day		56,283.21 gal / day

MISSOURI AMERICAN WATER COMPANY
Case No. WR-2000-281
St. Joseph District

Billed in Ccf's

CUSTOMER RATE

 .746 Mgal = 1 Ccf
 1 Mgal = 1.34 Ccf
 1,000 gal = Mgal
 100 cubic ft = Ccf

 1 cubic ft = 7.46 gallons
 1 gallon = .134 cubic ft
 1000 gallons = 134 cubic ft

	Residential	Commercial	Industrial	Other Public Auth	Sales for Resale
Meter Size	5/8"	5/8"	2"	2 "	2"
Average Usage (Ccf)	7.50 Ccf	33.70 Ccf	1,090.70 Ccf	96.50 Ccf	3,730.10 Ccf
Average Usage (Mgal)	5.60 Mgal	25.14 Mgal	813.66 Mgal	71.99 Mgal	2,782.65 Mgal
Average Bill Present Rates	\$16.94	\$55.35	\$1,010.48	\$169.76	\$2,966.21
Staff - District Specific Rates (total)	\$24.20	\$97.96	\$2,924.20	\$338.68	\$10,600.76
Staff - District Specific Rates (total)	42.89%	76.99%	189.39%	99.51%	257.38%
Staff - Phase-in Year 1	\$19.42	\$65.56	\$1,433.26	\$210.94	\$4,640.11
Staff - Phase-in Year 1	14.64%	18.45%	41.84%	24.26%	56.43%
Staff - Phase-in Year 2	\$21.50	\$79.69	\$2,083.60	\$266.66	\$7,240.28
Staff - Phase-in Year 2	10.75%	21.56%	45.37%	26.41%	56.04%
Staff - Phase-in Year 3	\$24.03	\$96.80	\$2,870.51	\$334.09	\$10,386.40
Staff - Phase-in Year 3	11.75%	21.46%	37.77%	25.28%	43.45%
Staff - Phase-in Year 4	\$26.90	\$116.24	\$3,765.28	\$410.75	\$13,963.66
Staff - Phase-in Year 4	11.95%	20.09%	31.17%	22.95%	34.44%
Staff - Phase-in Year 5	\$30.78	\$142.53	\$4,974.58	\$514.35	\$18,798.24
Staff - Phase-in Year 5	14.43%	22.61%	32.12%	25.22%	34.62%
Staff - Phase-in Year 6	\$24.20	\$97.96	\$2,924.20	\$338.68	\$10,600.76
Staff - Phase-in Year 6	-21.38%	-31.27%	-41.22%	-34.15%	-43.61%

Usage per Day conversions

	5/8 " Residential	5/8" Commercial	1 " Industrial	5/8 " OPA	2 " Resale
Monthly Usage	5.60 Mgal / Month	25.14 Mgal	813.6622 Mgal	71.989 Mgal	2782.6546 Mgal
Mgal per day	0.18650 Mgal / day	0.83801 Mgal / day	27.12207 Mgal / day	2.39963 Mgal / day	92.75515 Mgal / day
Gallons per day	186.50 gal / day	838.01 gal / day	27,122.07 gal / day	2,399.63 gal / day	92,755.15 gal / day

MISSOURI AMERICAN WATER COMPANY

Case No. WR-2000-281

Brunswick District

Billed in Mgal

.746 Mgal = 1 Ccf
1 Mgal = 1.34 Ccf
1,000 gal = Mgal
100 cubic ft = Ccf

1 cubic ft = 7.46 gallons
1 gallon = .134 cubic ft
1000 gallons = 134 cubic ft

CUSTOMER RATE

	Residential	Commercial	Industrial	Other Public Auth	Sales for Resale
Meter Size	5/8"	5/8"	1"	5/8"	2"
Average Usage (Ccf)	5.09 Ccf	8.71 Ccf	14.48 Ccf	13.67 Ccf	481.90 Ccf
Average Usage (Mgal)	3.80 Mgal	6.50 Mgal	10.80 Mgal	10.20 Mgal	359.50 Mgal
Average Bill Present Rates	\$13.37	\$18.65	\$31.88	\$25.88	\$507.94
Staff - District Specific Rates (total)	\$17.47	\$24.61	\$59.44	\$39.32	\$1,326.71
Staff - District Specific Rates (total)	30.67%	31.98%	86.43%	51.92%	161.19%
Staff - Phase-in Year 1	\$15.10	\$20.76	\$39.08	\$29.50	\$676.91
Staff - Phase-in Year 1	12.99%	11.32%	22.59%	13.97%	33.27%
Staff - Phase-in Year 2	\$16.17	\$22.49	\$48.25	\$33.92	\$969.59
Staff - Phase-in Year 2	7.05%	8.36%	23.45%	14.99%	43.24%
Staff - Phase-in Year 3	\$17.42	\$24.53	\$59.04	\$39.12	\$1,313.93
Staff - Phase-in Year 3	7.75%	9.08%	22.35%	15.34%	35.51%
Staff - Phase-in Year 4	\$18.90	\$26.94	\$71.73	\$45.25	\$1,719.21
Staff - Phase-in Year 4	8.46%	9.79%	21.50%	15.65%	30.85%
Staff - Phase-in Year 5	\$20.63	\$29.76	\$86.66	\$52.45	\$2,196.02
Staff - Phase-in Year 5	9.18%	10.49%	20.82%	15.93%	27.73%
Staff - Phase-in Year 6	\$17.47	\$24.61	\$59.44	\$39.32	\$1,326.71
Staff - Phase-in Year 6	-15.33%	-17.31%	-31.42%	-25.05%	-39.59%

Usage per Day conversions

	5/8" Residential	5/8" Commercial	1" Industrial	5/8" OPA	2" Resale
Monthly Usage	3.80 Mgal / Month	6.50 Mgal	10.8 Mgal	10.2 Mgal	359.5 Mgal
Mgal per day	0.12667 Mgal / day	0.21667 Mgal / day	0.36000 Mgal / day	0.34000 Mgal / day	11.98333 Mgal / day
Gallons per day	126.67 gal / day	216.67 gal / day	360.00 gal / day	340.00 gal / day	11,983.33 gal / day

**Service List for
Case No. WR-2000-281, et al.
August 22, 2000**

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