

Exhibit No.:

Issue: Revenues, Uncollectibles, and PSC Fee

Witness: J. M. Watkins

Type of Exhibit: Direct

Sponsoring Party: MAWC

Case No.: WR-2000-281/SR-2000-282

MISSOURI PUBLIC SERVICE COMMISSION

CASE NO. WR-2000-281

CASE NO. SR-2000-282

Direct Testimony of

JOHN M. WATKINS

on Behalf of

MISSOURI-AMERICAN WATER COMPANY (MAWC)

NOVEMBER 19, 1999

**DIRECT TESTIMONY OF
JOHN M. WATKINS
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**MISSOURI-AMERICAN WATER COMPANY
DIRECT TESTIMONY OF
JOHN M. WATKINS**

1 **1. Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS FOR THE**
2 **RECORD.**

3 A. My name is John M. Watkins and my current business address is Marlton Executive
4 Park, Building One, 701 Route 73, Suite 300, Marlton, New Jersey 08053.

5 **2. Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

6 A. I am employed by the American Water Works Service Company (hereinafter
7 referred to as "AWWSC" or the "Service Company") as a Rate Analyst.

8 **3. Q. WHAT ARE YOUR RESPONSIBILITIES IN THIS POSITION?**

9 A. My present duties consist of preparing and assisting in rate case applications for the
10 companies comprising the Region of AWWSC. My responsibilities include the
11 preparation of work papers, exhibits, and prefiled testimony in support of rate
12 applications in the eleven states for which the Service Company provides support.
13 Missouri-American Water Company (hereinafter referred to as the "Company" or
14 "MAWC") is one of the companies comprising the Region of AWWSC.

15 **4. Q. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND?**

16 A. I am a graduate of Trenton State College with a Bachelor of Science Degree in
17 Finance and Minors in Mathematics and Economics. I am currently attending Drexel
18 University pursuing a Masters in Business Administration with a concentration in
19 Accounting. I will receive my MBA in June 2000.

20 **5. Q. WHAT HAS BEEN YOUR BUSINESS EXPERIENCE?**

21 From May 1996 to October 1998, I was employed by U.S. Vision as a Staff
22 Accountant. I began my employment with American Water Works Service

1 Company as a Rate Analyst in November 1998.

2 **6. Q. HAVE YOU PREVIOUSLY PARTICIPATED IN REGULATORY**
3 **MATTERS?**

4 A. Yes. I have participated in the preparation of rate cases in Maryland, New
5 Hampshire, Ohio, Connecticut, and Virginia, as well as this case. I have testified
6 before the state commission of Connecticut and participated in the settlement
7 process in the states of Maryland and New Hampshire.

8 **7. Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY IN THIS**
9 **CASE?**

10 A. The purpose of my testimony is to support the development of revenues for MAWC
11 at Present Rates and at Proposed Rates. I am supporting the adjustments for weather
12 normalization and the annualization of customers. I am also supporting the
13 uncollectible and PSC assessment *pro forma* adjustments.

14 **REVENUES**

15 **8. Q. IS THE COMPANY PROPOSING TO ADJUST THE TEST YEAR**
16 **REVENUES FOR ANY KNOWN AND MEASURABLE CHANGES THAT**
17 **ARE ANTICIPATED TO OCCUR SUBSEQUENT TO THE TRUE-UP DATE**
18 **OF APRIL 30, 2000?**

19 A. Yes. The Company is proposing an adjustment to revenues which is anticipated to
20 occur at the conclusion of this case if the Company is permitted to change from
21 Quarterly to Monthly Meter Reading in the St. Joseph District. This item is
22 discussed in further detail in the direct testimony of Company witness Mr. Amman.
23 Additionally, several items related to the St. Joseph treatment facilities are discussed
24 in MAWC's motions concerning test year and true-up.

1 9. Q. MR. WATKINS, PLEASE IDENTIFY THE SCHEDULES YOU ARE
2 SPONSORING.

3 A. I am sponsoring Schedules JMW-1 through JMW-2, which consists of the
4 following:

5 Schedule Description

| | | |
|----|--------|---|
| 6 | JMW-1 | Total Company Test Year Revenues at Present Rates vs. Proposed Rates - |
| 7 | | All Water District |
| 8 | JMW-1A | Brunswick District Test Year Revenues at Present Rates vs. Proposed |
| 9 | | Rates |
| 10 | JMW-1B | Joplin District Test Year Revenues at Present Rates vs. Proposed Rates |
| 11 | JMW-1C | Mexico District Test Year Revenues at Present Rates vs. Proposed Rates |
| 12 | JMW-1D | Platte County District Test Year Revenues at Present Rates vs. Proposed |
| 13 | | Rates - Water District |
| 14 | JMW-1E | St. Charles District Test Year Revenues at Present Rates vs. Proposed |
| 15 | | Rates |
| 16 | JMW-1F | St. Joseph District Test Year Revenues at Present Rates vs. Proposed |
| 17 | | Rates |
| 18 | JMW-1G | Warrensburg District Test Year Revenues at Present Rates vs. Proposed |
| 19 | | Rates |
| 20 | JMW-1H | Platte County District Test Year Revenues at Present Rates vs. Proposed |
| 21 | | Rates - Sewer District |
| 22 | JMW-2 | Pro forma Adjustments of Operating Revenues - All Water Districts |
| 23 | JMW-3 | Pro forma Adjustments of Operating Revenues - Sewer Districts |

24 10. Q. WERE THESE SCHEDULES PREPARED BY YOU OR UNDER YOUR
25 SUPERVISION?

26 A. Yes, these schedules were prepared by me or under my supervision and direction.

27 11. Q. ARE YOU GENERALLY FAMILIAR WITH THE BOOKS AND
28 RECORDS OF MISSOURI-AMERICAN WATER COMPANY?

29 A. Yes, I am.

1 12. Q. WHAT IS THE SOURCE OF THE ACCOUNTING AND OTHER
2 FINANCIAL DATA CONTAINED IN THESE SCHEDULES?

3 A. All of the accounting and other financial data contained in these schedules were
4 derived from the books and records and budgets of the Company, except for those
5 items marked as adjustments or as pro forma amounts. In those instances, the final
6 figures were based upon the latest known information derived from the source
7 documents of the Company and/or information furnished to me by the officers and
8 management of the Company.

9 13. Q. PLEASE BRIEFLY DESCRIBE SCHEDULE JMW-1.

10 A. This is the bill analysis and summary for all water districts. The first page is the
11 summary of Test Year Revenues at Present vs. Proposed Rates. The Present Rates
12 used are the rates effective November 14, 1997 as approved in Case No. WR-97-
13 237. The next seven pages are the detail of the bill analysis by class of service. The
14 tariffs that were filed on October 15, 1999 in this case produce \$46,572,015 in Water
15 Operating Revenues, which is an approximate 55% increase over the Pro Forma
16 Present Rate Water Operating Revenue.

17 14. Q. PLEASE BRIEFLY DESCRIBE SCHEDULES JMW-1A THROUGH JMW-
18 1G.

19 A. Schedules JMW-1A through JMW-1G show the detail for each district for the
20 various customer classes, i.e., Residential, Commercial, Industrial, Other Public
21 Authorities (OPA), Other Water Utilities (OWU), and Private Fire customers. Each
22 schedule shows the number of bills and the amount of service charge by meter size.
23 The volumetric charges are broken down by the four blocks and are in 1,000 Gallons
24 for all districts. "FAL's" refer to the Final, Additional, and Local Billing to the
25 Company's customers.

26 Adjustments were made to the Bill Analysis for weather normalization and customer

1 growth for the Residential and Commercial classes of each district. The Industrial
2 class of customers was adjusted in the Mexico District for the loss of LaFebure
3 Company. The St. Joseph District was adjusted for changes in operation for
4 Friskies Petcare and Ag Processing Incorporated. Ag Processing Incorporated was
5 also adjusted for a new account which began service in September 1998. The Joplin
6 District was adjusted in the Industrial, OPA, and OWU (resale) for master bills that
7 were rerouted and not shown on the Bill Analysis. These adjustments are shown
8 below the "Per Bill Analysis" listing for each class of customer.

9 **15. Q. PLEASE BRIEFLY DESCRIBE SCHEDULE JMW-1H.**

10 A. Schedule JMW-1H shows the detail for test year revenues for the sewer district.

11 **16. Q. PLEASE BRIEFLY DESCRIBE SCHEDULE JMW-2.**

12 A. Schedule JMW-2 shows the detail for the pro forma adjustment of operating
13 revenues for all water districts.

14 **17. Q. PLEASE BRIEFLY DESCRIBE SCHEDULE JMW-3.**

15 A. Schedule JMW-3 shows the detail for the pro forma adjustment of operating
16 revenues for the Platte County sewer district.

17 **UNCOLLECTIBLE**

18 **18. Q. ARE YOU SPONSORING ANY OTHER ADJUSTMENTS?**

19 A. Yes, I am sponsoring the following adjustments which are contained in schedules
20 attached to the direct testimony of Company witness Linda Gutowski:

21 LJG-2.15 Uncollectible Expense at Present Rates vs. Proposed Rates - All Water
22 Districts

23 LJG-2.32 PSC Fees at Present Rates vs. Proposed Rates - All Water Districts

24 LJG-3.3 PSC Fees at Present Rates vs. Proposed Rates - Sewer District

1 19. Q. PLEASE BRIEFLY DESCRIBE THE ADJUSTMENT YOU SPONSOR ON
2 SCHEDULE LJG-2.15.

3 A. This Schedule adjusts Uncollectible Expense under both Pro Forma Present Rates
4 and Pro Forma Proposed Rates. A three-year average of net charge-offs was used,
5 but this ratio was adjusted downward to reflect the change from quarterly to monthly
6 meter reading in the St. Joseph District.

7 **PSC ASSESSMENT**

8 20. Q. PLEASE BRIEFLY DESCRIBE THE ADJUSTMENTS YOU SPONSOR ON
9 SCHEDULES LJG-2.32 AND LJG-3.3.

10 A. These Schedules adjust PSC assessments under both Pro Forma Present Rates and
11 Pro Forma Proposed Rates. The latest known assessment rate was determined by
12 dividing the total assessment for the fiscal year July 1, 1999, which was \$187,461.99
13 for water and \$4,743.48 for sewer, by the Gross Intrastate Operating Revenue for the
14 calendar year 1998, which was \$29,176,035 for water and \$47,153 for sewer,

15 21. Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

16 A. Yes, it does.



**Test Year at Present Rates vs. Proposed Rates
Total Company Summary**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1
Page 1 of 8

| Line No. | Class/Description | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dollar Change | Total Revenue % Change |
|----------|--------------------------------|-------------------------|---------------|--------------------|--------------------------|---------------|--------------------|---------------|------------------------|
| | | Sales (000 Gal) | Total Revenue | % Revenue To Total | Sales (000 Gal) | Total Revenue | % Revenue To Total | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Monthly and Quarterly Billing: | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | Residential | 6,742,089 | \$19,535,793 | 63.70% | 6,742,089 | \$29,591,863 | 62.77% | \$10,056,070 | 51.48% |
| 6 | Commercial | 2,752,968 | 5,433,815 | 17.72% | 2,752,968 | 8,605,001 | 18.25% | 3,171,186 | 58.36% |
| 7 | Industrial | 2,410,721 | 2,363,641 | 7.71% | 2,410,721 | 3,898,501 | 8.27% | 1,534,860 | 64.94% |
| 8 | Other Public Authority | 594,343 | 1,006,630 | 3.28% | 594,343 | 1,594,741 | 3.38% | 588,111 | 58.42% |
| 9 | Other Water Utilities | 1,329,037 | 1,218,529 | 3.97% | 1,329,037 | 2,020,107 | 4.28% | 801,578 | 65.78% |
| 10 | Miscellaneous | 6,800 | 41,451 | 0.14% | 6,800 | 41,451 | 0.09% | 0 | 0.00% |
| 11 | Private Fire | 0 | 491,410 | 1.60% | 0 | 820,351 | 1.74% | 328,941 | 66.94% |
| 12 | | | | | | | | | |
| 13 | Subtotal | 13,835,958 | \$30,091,269 | 98.12% | 13,835,958 | \$46,572,015 | 98.78% | \$16,480,746 | 54.77% |
| 14 | | | | | | | | | |
| 15 | Miscellaneous Revenues | | | | | | | | |
| 16 | Reconnected Charges | | \$208,077 | 0.68% | | \$208,077 | 0.44% | \$0 | 0.00% |
| 17 | Returned Check Charge | | 22,220 | 0.07% | | 22,220 | 0.05% | 0 | 0.00% |
| 18 | Application Fee | | 335,320 | 1.09% | | 335,320 | 0.71% | 0 | 0.00% |
| 19 | Miscellaneous Other Rev | | 8,951 | 0.03% | | 8,951 | 0.02% | 0 | 0.00% |
| 20 | Rents From Water Property | | 2,303 | 0.01% | | 2,303 | 0.00% | 0 | 0.00% |
| 21 | | | | | | | | | |
| 22 | Total | | \$30,668,140 | 100.00% | | \$47,148,888 | 100.00% | \$16,480,748 | 53.74% |

Test Year at Present Rates vs. Proposed Rates
Total Company

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| Line No. | Class/Description | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | Dolar Change | 100% Revenue % Change | |
|----------|---|-------------------------|------------------|--------------|---------------|--------------------------|--|---------------|---------------|--------------|-----------------------|--------------------|
| | | Customer Meter Billings | Sales (000 Gall) | Current Rate | Total Revenue | % Revenue To Total | Customer Sales (000 Gall) Billings (1) | Proposed Rate | Total Revenue | | | % Revenue To Total |
| 1 | Residential: | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 643,373.5 | | \$5.94 | \$3,821,638 | 19.58% | 949,678.0 | \$7.08 | \$6,723,720 | 22.73% | \$1,082,633 | 19.18% |
| 4 | 3/4" Monthly | 352.0 | | 7.80 | 2,675 | 0.01% | 7,728.5 | 8.12 | 65,834 | 0.22% | 10,980 | 20.00% |
| 5 | 1" Monthly | 27,723.0 | | 10.77 | 298,578 | 1.53% | 32,422.5 | 12.96 | 420,196 | 1.42% | 71,006 | 20.33% |
| 6 | 1 1/2" Monthly | 574.5 | | 18.73 | 10,761 | 0.06% | 634.5 | 22.44 | 14,238 | 0.05% | 2,353 | 19.80% |
| 7 | 2" Monthly | 353.5 | | 9.987 | 9,987 | 0.05% | 487.5 | 33.96 | 16,985 | 0.06% | 2,828 | 20.08% |
| 8 | 3" Monthly | 12.0 | | 50.54 | 24.0 | 0.00% | 60.6 | 80.60 | 1,454 | 0.00% | 242 | 19.97% |
| 9 | 4" Monthly | 12.0 | | 62.34 | 988 | 0.01% | 12.0 | 98.76 | 1,185 | 0.00% | 187 | 19.94% |
| 10 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | 0.0 | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 11 | 8" Monthly | 0.0 | | 257.28 | 0 | 0.00% | 0.0 | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | 5/8" City | 102,101.5 | | 17.82 | 1,819,449 | 8.31% | N/A | N/A | 0 | 0.00% | N/A | N/A |
| 13 | 3/4" City | 2,282.5 | | 22.80 | 52,289 | 0.27% | N/A | N/A | 0 | 0.00% | N/A | N/A |
| 14 | 1" Quarterly | 1,568.5 | | 32.31 | 50,614 | 0.26% | N/A | N/A | 0 | 0.00% | N/A | N/A |
| 15 | 1 1/2" City | 20.0 | | 56.18 | 1,124 | 0.01% | N/A | N/A | 0 | 0.00% | N/A | N/A |
| 16 | 2" Quarterly | 48.0 | | 84.84 | 4,072 | 0.02% | N/A | N/A | 0 | 0.00% | N/A | N/A |
| 17 | 3" Quarterly | 4.0 | | 151.82 | 606 | 0.00% | N/A | N/A | 0 | 0.00% | N/A | N/A |
| 18 | | | | | | | | | | | | |
| 19 | Volume Charge: | | | | | | | | | | | |
| 20 | First Block | 8,322,369 | | 1.9548 | 12,359,006 | 63.26% | 8,322,369 | 3,2633 | 20,631,652 | 69.72% | 8,272,848 | 69.94% |
| 21 | Second Block | 68,111 | | 1.0851 | 74,589 | 0.38% | 68,111 | 1,8280 | 49,917 | 0.42% | 49,917 | 69.97% |
| 22 | Third Block | 21,744 | | 0.8451 | 18,378 | 0.09% | 21,744 | 1,4107 | 30,674 | 0.10% | 12,298 | 69.82% |
| 23 | Fourth Block | 18,038 | | 0.5691 | 10,285 | 0.05% | 18,038 | 0.8500 | 17,136 | 0.06% | 6,871 | 69.94% |
| 24 | Fall's and Credits | (61,844) | | | 24,330 | 0.12% | (61,844) | | 35,217 | 0.12% | 10,887 | 44.75% |
| 25 | Reconcile to Books | 67 | | | (1,723) | -0.01% | 67 | (2,347) | | -0.01% | (824) | 47.82% |
| 26 | Per Bill Analysis | 6,368,505 | | | \$16,556,218 | 85.00% | 6,368,505 | | \$28,080,480 | 84.89% | \$9,522,242 | 51.31% |
| 27 | | | | | | | | | | | | |
| 28 | Adjustments due to Weather Normalization And Customer Growth: | | | | | | | | | | | |
| 29 | First Block | 368,293 | | 1.9548 | 719,940 | 3.69% | 368,293 | 3,2633 | 1,201,851 | 4.09% | 481,911 | 69.94% |
| 30 | Second Block | 2,967 | | 1.0851 | 2,920 | 0.01% | 2,967 | 1,8280 | 4,875 | 0.02% | 1,965 | 66.95% |
| 31 | Third Block | 1,277 | | 0.8451 | 1,078 | 0.01% | 1,277 | 1,4107 | 1,802 | 0.01% | 724 | 67.18% |
| 32 | Fourth Block | 1,347 | | 0.5691 | 788 | 0.00% | 1,347 | 0.8500 | 1,280 | 0.00% | 514 | 67.10% |
| 33 | | | | | | | | | | | | |
| 34 | 5/8" Monthly | 38,606.0 | | 5.94 | 235,280 | 1.20% | | 7.08 | 280,410 | 0.95% | 45,150 | 18.19% |
| 35 | 3/4" Monthly | 228.0 | | 7.80 | 1,732 | 0.01% | | 8.12 | 2,080 | 0.01% | 348 | 20.08% |
| 36 | 1" Monthly | 1,368.0 | | 10.77 | 14,733 | 0.08% | | 12.96 | 17,729 | 0.06% | 2,889 | 20.34% |
| 37 | 1 1/2" Monthly | 28.0 | | 18.73 | 524 | 0.00% | | 22.44 | 628 | 0.00% | 104 | 19.85% |
| 38 | 2" Monthly | 22.0 | | 28.28 | 622 | 0.00% | | 33.96 | 748 | 0.00% | 129 | 20.26% |
| 39 | Total | 6,742,089 | | | \$19,535,793 | 100.00% | 6,742,089 | | \$28,591,863 | 100.00% | \$10,058,070 | 51.48% |
| 40 | Note (1) Increase in number of bills is due St. Joseph District quarterly customers becoming monthly customers. | | | | | | | | | | | |

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Test Year at Present Rates vs. Proposed Rates
Total Company

Case No. WR-2000-281
Schedule JMW-1
Page 3 of 8

| Line No | Class/Description | Customer | | | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dollor Change | Total Revenue % Change |
|---------|--|----------------|-----------------|--------------|-------------------------|--------------------|-----------------------------------|--------------------------|---------------|--------------------|---------------|------------------------|
| | | Meter Billings | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) Customer Billings | Proposed Rate | Total Revenue | % Revenue To Total | | |
| 1 | Commercial | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 44,257.5 | | \$5.94 | \$262,890 | 4.84% | 72,048.0 | \$7.08 | \$510,100 | 5.83% | \$82,134 | 18.19% |
| 4 | 3/4" Monthly | 751.0 | | 7.80 | 5,707 | 0.11% | 2,365.0 | 9.12 | 21,588 | 0.25% | 3,595 | 20.00% |
| 5 | 1" Monthly | 10,370.0 | | 10.77 | 111,864 | 2.06% | 13,596.5 | 12.86 | 176,210 | 2.05% | 29,777 | 20.33% |
| 6 | 1 1/2" Monthly | 3,743.0 | | 18.73 | 70,106 | 1.29% | 4,140.5 | 22.44 | 92,912 | 1.08% | 15,361 | 19.81% |
| 7 | 2" Monthly | 7,823.5 | | 28.28 | 221,249 | 4.07% | 8,333.5 | 33.98 | 283,006 | 3.29% | 47,334 | 20.08% |
| 8 | 3" Monthly | 240.0 | | 50.64 | 12,129 | 0.22% | 240.0 | 60.60 | 14,544 | 0.17% | 2,415 | 19.91% |
| 9 | 4" Monthly | 253.5 | | 82.34 | 20,873 | 0.38% | 253.5 | 88.76 | 25,037 | 0.29% | 4,164 | 19.95% |
| 10 | 6" Monthly | 107.5 | | 181.85 | 17,399 | 0.32% | 107.5 | 194.28 | 20,885 | 0.24% | 3,486 | 20.04% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | 0.0 | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | 5/8" City | 8,283.5 | | 17.82 | 165,076 | 3.04% | | N/A | 0 | 0.00% | N/A | N/A |
| 13 | 3/4" City | 638.0 | | 22.80 | 12,266 | 0.23% | | N/A | 0 | 0.00% | N/A | N/A |
| 14 | 1" Quarterly | 1,075.5 | | 32.31 | 34,749 | 0.64% | | N/A | 0 | 0.00% | N/A | N/A |
| 15 | 1 1/2" City | 132.5 | | 58.19 | 7,445 | 0.14% | | N/A | 0 | 0.00% | N/A | N/A |
| 16 | 2" Quarterly | 170.0 | | 84.84 | 14,423 | 0.27% | | N/A | 0 | 0.00% | N/A | N/A |
| 17 | 3" Quarterly | 0.0 | | 151.62 | 0 | 0.00% | | N/A | 0 | 0.00% | N/A | N/A |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | 1,637,891 | | 1.9548 | 3,201,749 | 58.90% | 1,637,891 | 3.2833 | 5,344,930 | 62.13% | 2,143,181 | 66.94% |
| 21 | Second Block | 978,079 | | 1.0951 | 1,086,905 | 18.67% | 978,079 | 1.8280 | 1,784,274 | 20.74% | 715,389 | 66.93% |
| 22 | Third Block | 81,863 | | 0.8451 | 68,183 | 1.27% | 81,863 | 1.4107 | 115,484 | 1.34% | 46,301 | 66.93% |
| 23 | Fourth Block | 65,939 | | 0.5691 | 37,528 | 0.69% | 65,939 | 0.9500 | 82,643 | 0.73% | 25,117 | 66.93% |
| 24 | FAL's and Credits | (74,089) | | | (36,641) | -0.67% | (74,089) | | (58,385) | -0.68% | (21,744) | 59.34% |
| 25 | Reconcile to Books | 42 | | | (1,509) | -0.03% | 42 | | (2,381) | -0.03% | (882) | 58.45% |
| 26 | Per Bill Analysis | 2,987,715 | | | \$3,285,209 | 97.44% | 2,987,715 | | \$8,380,817 | 87.53% | \$3,098,608 | 58.46% |
| 27 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 28 | First Block | 37,818 | | 1.9548 | 73,827 | 1.36% | 37,818 | 3.2833 | 123,412 | 1.43% | 49,485 | 66.94% |
| 29 | Second Block | 23,133 | | 1.0951 | 25,333 | 0.47% | 23,133 | 1.8280 | 42,287 | 0.49% | 16,854 | 66.92% |
| 30 | Third Block | 1,825 | | 0.8451 | 1,542 | 0.03% | 1,825 | 1.4107 | 2,574 | 0.03% | 1,032 | 66.93% |
| 31 | Fourth Block | 2,477 | | 0.5691 | 1,410 | 0.03% | 2,477 | 0.9500 | 2,354 | 0.03% | 944 | 66.95% |
| 32 | 5/8" Monthly | 2,858.0 | | 5.94 | 16,976 | 0.31% | | 7.08 | 20,236 | 0.24% | 3,260 | 19.20% |
| 33 | 3/4" Monthly | 91.0 | | 7.80 | 692 | 0.01% | | 9.12 | 829 | 0.01% | 137 | 19.80% |
| 34 | 1" Monthly | 581.0 | | 10.77 | 6,042 | 0.11% | | 12.86 | 7,289 | 0.08% | 1,227 | 20.31% |
| 35 | 1 1/2" Monthly | 180.0 | | 18.73 | 3,558 | 0.07% | | 22.44 | 4,284 | 0.05% | 706 | 19.84% |
| 36 | 2" Monthly | 280.0 | | 28.28 | 8,200 | 0.15% | | 33.98 | 9,848 | 0.11% | 1,648 | 20.10% |
| 37 | 3" Monthly | 7.0 | | 50.64 | 355 | 0.01% | | 60.60 | 425 | 0.00% | 70 | 19.72% |
| 38 | 4" Monthly | 3.0 | | 82.34 | 247 | 0.00% | | 88.76 | 297 | 0.00% | 50 | 20.24% |
| 39 | 6" Monthly | 2.0 | | 181.85 | 324 | 0.01% | | 194.28 | 388 | 0.00% | 65 | 20.05% |
| 40 | Total | | 2,752,968 | | \$5,433,815 | 100.00% | | | \$8,605,001 | 100.00% | \$3,171,186 | 58.36% |

Test Year at Present Rates vs. Proposed Rates
Total Company

| Line No. | Class/Description | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | Dollor Change | Revenue % Change |
|----------|---|-------------------------|-----------------|--------------|---------------|--------------------------|-----------------------------------|---------------|---------------|--------------------|------------------|
| | | Customer Meter Billings | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales Customer Billings (000 Gal) | Proposed Rate | Total Revenue | % Revenue To Total | |
| 1 | Industrial | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | |
| 3 | 5th Monthly | 314.0 | | \$5.94 | \$1,865 | 0.08% | 402.5 | \$7.08 | \$2,850 | 0.07% | \$459 |
| 4 | 3rd Monthly | 23.0 | | 7.80 | 175 | 0.01% | 58.0 | 9.12 | 538 | 0.01% | 89 |
| 5 | 1st Monthly | 521.0 | | 10.77 | 5,610 | 0.24% | 605.0 | 12.98 | 7,841 | 0.20% | 1,326 |
| 6 | 1 1/2 Monthly | 152.0 | | 18.73 | 2,848 | 0.12% | 178.0 | 32.44 | 5,850 | 0.10% | 652 |
| 7 | 2nd Monthly | 1,422.0 | | 28.28 | 40,214 | 1.70% | 1,458.0 | 33.86 | 49,514 | 1.27% | 8,282 |
| 8 | 3rd Monthly | 72.0 | | 50.54 | 3,638 | 0.15% | 72.0 | 60.80 | 4,363 | 0.11% | 725 |
| 9 | 4th Monthly | 414.0 | | 82.34 | 34,088 | 1.44% | 414.0 | 88.78 | 40,888 | 1.05% | 6,788 |
| 10 | 5th Monthly | 111.0 | | 161.85 | 17,985 | 0.78% | 111.0 | 184.28 | 21,564 | 0.55% | 3,589 |
| 11 | 6th Monthly | 0.0 | | 257.28 | 0 | 0.00% | 0.0 | 308.78 | 0 | 0.00% | 0 |
| 12 | 5th City | 28.5 | | 17.82 | 528 | 0.02% | | N/A | 0 | 0.00% | N/A |
| 13 | 3rd City | 12.0 | | 22.80 | 274 | 0.01% | | N/A | 0 | 0.00% | N/A |
| 14 | 1st Quarterly | 28.0 | | 32.31 | 905 | 0.04% | | N/A | 0 | 0.00% | N/A |
| 15 | 1 1/2 City | 8.0 | | 56.19 | 450 | 0.02% | | N/A | 0 | 0.00% | N/A |
| 16 | 2nd Quarterly | 84.94 | | 1,018 | 1,018 | 0.04% | | N/A | 0 | 0.00% | N/A |
| 17 | 3rd Quarterly | 0.0 | | 151.82 | 0 | 0.00% | | N/A | 0 | 0.00% | N/A |
| 18 | Volume Charges | | | | | | | | | | |
| 19 | First Block | 140,239 | | 1,9548 | 274,139 | 11.80% | 140,239 | 3,2833 | 457,642 | 11.75% | 183,503 |
| 20 | Second Block | 943,878 | | 1,0851 | 1,033,641 | 43.73% | 943,878 | 1,8280 | 1,725,408 | 44.28% | 68,533 |
| 21 | Third Block | 617,898 | | 0,8451 | 522,016 | 22.09% | 617,898 | 1,4107 | 871,388 | 22.35% | 349,570 |
| 22 | Fourth Block | 1,124,279 | | 0,5691 | 639,827 | 27.07% | 1,124,279 | 0,9500 | 1,086,985 | 27.40% | 428,238 |
| 23 | FAL's and Credits | (575,836) | | | (334,956) | -14.17% | (575,836) | | (553,617) | -14.21% | (218,661) |
| 24 | Reconcile to Books | 10 | | | 3,488 | 0.15% | 10 | 5,788 | 0,15% | 2,280 | |
| 25 | Per Bill Analysis | 2,250,188 | | | 2,247,731 | 85.10% | 2,250,188 | | 3,705,558 | 85.08% | \$1,458,227 |
| 26 | Loss of LaFleuvre (Mexico) | | | | | | | | | | |
| 27 | First Block | 1,206 | | 1,9548 | 2,357 | 0.10% | 1,206 | 3,2833 | 3,936 | 0.10% | 1,578 |
| 28 | Second Block | 3,180 | | 1,0851 | 3,483 | 0.15% | 3,180 | 1,8280 | 5,831 | 0.15% | 2,338 |
| 29 | 4th Monthly | 12 | | 82,3400 | 988 | 0.04% | 0 | 88,7800 | 1,185 | 0.03% | 187 |
| 30 | Adjustment for change in operation and addition of a customer (St Joseph) | | | | | | | | | | |
| 31 | First Block | 448 | | 1,9548 | 872 | 0.04% | 448 | 3,2833 | 1,455 | 0.04% | 583 |
| 32 | Second Block | 7,658 | | 1,0851 | 8,387 | 0.35% | 7,658 | 1,8280 | 14,001 | 0.39% | 5,614 |
| 33 | Third Block | 10,784 | | 0,8451 | 9,122 | 0.39% | 10,784 | 1,4107 | 15,227 | 0.39% | 6,105 |
| 34 | Fourth Block | 89,105 | | 0,5691 | 56,401 | 2.39% | 89,105 | 0,9500 | 94,150 | 2.42% | 37,749 |
| 35 | 6th Monthly | 5.00 | | 181.85 | 809 | 0.03% | 0 | 184.28 | 971 | 0.02% | 182 |
| 36 | Adjustment for rerouting in Joplin | | | | | | | | | | |
| 37 | First Block | 1,808 | | 1,9548 | 3,143 | 0.13% | 1,808 | 3,2833 | 5,247 | 0.13% | 2,104 |
| 38 | Second Block | 23,390 | | 1,0851 | 25,614 | 1.08% | 23,390 | 1,8280 | 42,757 | 1.10% | 17,143 |
| | | | | | | | | | | | |

Test Year at Present Rates vs. Proposed Rates

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| Line No. | Class/Description | Present Pro Forma Rates | | | | | Proposed Pro Forma Rates | | | | | Total Revenue % Change |
|-------------------------|---|-------------------------|-----------------|--------------|---------------|--------------------|--------------------------|---------------|---------------|--------------------|---------------|------------------------|
| | | Customer Meter Billings | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Customer Billings | Proposed Rate | Total Revenue | % Revenue To Total | Dollar Change | |
| Other Public Authority: | | | | | | | | | | | | |
| 3 | Minimum Charge: | | | | | | | | | | | |
| 4 | 5/8" Monthly | 2,121.5 | | \$5.94 | \$12,603 | 1.25% | 2,484.5 | \$7.08 | \$17,580 | 1.10% | \$2,831 | 18.18% |
| 5 | 3/4" Monthly | 123.5 | | 7.80 | 838 | 0.08% | 224.0 | 9.12 | 2,042 | 0.13% | 340 | 19.88% |
| 6 | 1" Monthly | 1,023.0 | | 10.77 | 11,017 | 1.08% | 1,218.5 | 12.86 | 15,805 | 0.98% | 2,672 | 20.35% |
| 7 | 1 1/2" Monthly | 427.5 | | 18.73 | 8,008 | 0.80% | 531.0 | 22.44 | 11,915 | 0.75% | 1,988 | 19.76% |
| 8 | 2" Monthly | 2,235.5 | | 28.28 | 63,220 | 6.28% | 2,558.5 | 33.86 | 86,920 | 5.45% | 14,537 | 20.08% |
| 9 | 3" Monthly | 235.5 | | 50.54 | 11,902 | 1.18% | 235.5 | 80.80 | 14,271 | 0.88% | 2,369 | 19.80% |
| 10 | 4" Monthly | 345.0 | | 82.34 | 28,407 | 2.82% | 345.0 | 98.76 | 34,072 | 2.14% | 5,665 | 19.84% |
| 11 | 6" Monthly | 57.0 | | 181.85 | 9,226 | 0.92% | 57.0 | 184.28 | 11,074 | 0.89% | 1,848 | 20.03% |
| 12 | 8" Monthly | 80.0 | | 257.28 | 20,580 | 2.04% | 80.0 | 308.76 | 24,700 | 1.55% | 4,120 | 20.02% |
| 13 | 5/8" City | 121.0 | | 17.82 | 2,156 | 0.21% | | N/A | | 0.00% | N/A | N/A |
| 14 | 3/4" City | 33.5 | | 22.80 | 764 | 0.08% | | N/A | | 0.00% | N/A | N/A |
| 15 | 1" Quarterly | 65.5 | | 32.31 | 2,116 | 0.21% | | N/A | | 0.00% | N/A | N/A |
| 16 | 1 1/2" City | 34.5 | | 56.19 | 1,939 | 0.19% | | N/A | | 0.00% | N/A | N/A |
| 17 | 2" Quarterly | 106.0 | | 84.84 | 9,183 | 0.81% | | N/A | | 0.00% | N/A | N/A |
| 18 | 3" Quarterly | 0.0 | | 151.62 | 0 | 0.00% | | N/A | | 0.00% | N/A | N/A |
| Volumetric Charges | | | | | | | | | | | | |
| 22 | Monthly | | 212,023 | | 414,462 | 41.20% | | 3,2633 | 681,895 | 43.39% | 277,433 | 68.94% |
| 23 | Fire Block | | 1,0851 | | 383,048 | 38.05% | | 1,8280 | 639,404 | 40.09% | 256,356 | 66.83% |
| 24 | Second Block | | 349,783 | | 27,122 | 2.89% | | 1,4107 | 45,275 | 2.84% | 18,153 | 66.83% |
| 25 | Third Block | | 32,084 | | 0 | 0.00% | | | 0 | 0.00% | 0 | 0.00% |
| 26 | Fourth Block | | 0 | | 0 | 0.00% | | 0.9500 | | | 0 | 0.00% |
| FAL's and Credits | | | | | | | | | | | | |
| 32 | Reconcile to Books | | (2,737) | | (2,597) | -0.28% | | (4,150) | (1,553) | -0.28% | (1,385) | 59.82% |
| 33 | Per Bill Analysis | | 25 | | (2,317) | -0.23% | | (3,703) | | -0.23% | | 58.43% |
| 34 | Adjustment to Bill Analysis for routing | | 581,188 | | \$1,001,757 | 89.52% | | \$1,587,110 | \$585,353 | 89.52% | | |
| 35 | 1" Monthly | 4.00 | | 10.77 | 43 | 0.00% | | 12.86 | 52 | 0.00% | 9 | 20.83% |
| 36 | 8" Monthly | 4.00 | | 257.28 | 1,029 | 0.10% | | 308.76 | 1,235 | 0.08% | 206 | 20.02% |
| 37 | First Block | | 402 | | 786 | 0.08% | | 3,2633 | 1,312 | 0.08% | 526 | 66.92% |
| 38 | Second Block | | 2,753 | | 3,015 | 0.30% | | 1,8280 | 5,032 | 0.32% | 2,017 | 66.90% |
| 40 | Total | | 594,343 | | \$1,008,630 | 100.00% | | \$1,594,741 | \$588,111 | 100.00% | | 58.42% |

Test Year at Present Rates vs. Proposed Rates
Total Company

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Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Total Revenue Change | Total Revenue % Change |
|----------|--|-------------------------|-------------------------|--------------|---------------|--------------------------|-----------------|---------------|----------------------|------------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | Total Revenue | |
| 1 | | | | | | | | | | |
| 2 | Other Water Utilities: | | | | | | | | | |
| 3 | Minimum Charge: | | | | | | | | | |
| 4 | 5/8" Monthly | 12.0 | | \$5.94 | \$71 | 0.01% | 12.0 | \$7.08 | \$85 | 19.72% |
| 5 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | 0.0 | 9.12 | 0 | 0.00% |
| 6 | 1" Monthly | 23.0 | | 10.77 | 247 | 0.02% | 23.0 | 12.98 | 299 | 21.05% |
| 7 | 1 1/2" Monthly | 0.0 | | 18.73 | 0 | 0.00% | 0.0 | 22.44 | 0 | 0.00% |
| 8 | 2" Monthly | 386.0 | | 28.28 | 10,916 | 0.90% | 386.0 | 33.98 | 13,109 | 20.09% |
| 9 | 3" Monthly | 65.0 | | 50.54 | 3,285 | 0.27% | 65.0 | 60.80 | 3,939 | 19.91% |
| 10 | 4" Monthly | 96.0 | | 82.34 | 7,904 | 0.65% | 96.0 | 98.76 | 9,481 | 19.85% |
| 11 | 6" Monthly | 35.0 | | 161.85 | 5,684 | 0.46% | 35.0 | 184.28 | 6,400 | 20.08% |
| 12 | 8" Monthly | 23.0 | | 257.26 | 5,917 | 0.49% | 23.0 | 308.76 | 7,101 | 20.01% |
| 13 | 5/8" Qtrly | 0.0 | | 17.82 | 0 | 0.00% | | N/A | 0 | N/A |
| 14 | 3/4" Qtrly | 0.0 | | 22.80 | 0 | 0.00% | | N/A | 0 | N/A |
| 15 | 1" Quarterly | 0.0 | | 32.31 | 0 | 0.00% | | N/A | 0 | N/A |
| 16 | 1 1/2" Qtrly | 0.0 | | 56.19 | 0 | 0.00% | | N/A | 0 | N/A |
| 17 | 2" Quarterly | 0.0 | | 84.84 | 0 | 0.00% | | N/A | 0 | N/A |
| 18 | 3" Quarterly | 0.0 | | 151.62 | 0 | 0.00% | | N/A | 0 | N/A |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | Volumetric Charges: | | | | | | | | | |
| 22 | Monthly | | | | | | | | | |
| 23 | First Block | 28,462 | | 1.9548 | 57,594 | 4.72% | 28,462 | 3.2833 | 96,143 | 68.93% |
| 24 | Second Block | 475,239 | | 1.0951 | 520,435 | 42.71% | 475,239 | 1.8280 | 866,738 | 66.93% |
| 25 | Third Block | 485,210 | | 0.8451 | 393,149 | 32.26% | 485,210 | 1.4107 | 683,123 | 68.93% |
| 26 | Fourth Block | 1,031,437 | | 0.5891 | 588,981 | 48.17% | 1,031,437 | 0.9500 | 979,865 | 68.93% |
| 27 | | | | | | | | | | |
| 28 | FAL's and Credits | (687,279) | | | (389,890) | -32.00% | (687,279) | | (648,710) | 66.34% |
| 29 | Reconcile to Books | 4 | | | 1,025 | 0.08% | 4 | | 1,704 | 66.24% |
| 30 | Per Bill Analysis | 1,314,073 | | | \$1,203,208 | 98.74% | 1,314,073 | | \$1,994,828 | 65.79% |
| 31 | Adjustment to Bill Analysis for re-routing | | | | | | | | | |
| 32 | 1" Monthly | 1.0 | | | 11 | 0.00% | | | 13 | 16.18% |
| 33 | 2" Monthly | 7.0 | | | 198 | 0.02% | | | 238 | 20.20% |
| 34 | 3" Monthly | 1.0 | | | 182 | 0.01% | | | 194 | 19.75% |
| 35 | 4" Monthly | 1.0 | | | 257 | 0.02% | | | 309 | 20.23% |
| 36 | First Block | 402 | | 1.9548 | 786 | 0.06% | 402 | 3.2833 | 1,312 | 68.92% |
| 37 | Second Block | 7,754 | | 1.0951 | 8,491 | 0.70% | 7,754 | 1.8280 | 14,174 | 68.93% |
| 38 | Third Block | 5,588 | | 0.8451 | 4,721 | 0.39% | 5,588 | 1.4107 | 7,880 | 68.91% |
| 39 | Fourth Block | 1,222 | | 0.5891 | 895 | 0.06% | 1,222 | 0.9500 | 1,181 | 67.05% |
| 40 | Total | 1,329,037 | | | \$1,218,529 | 100.00% | 1,329,037 | | \$2,020,107 | 411.96% |

Test Year at Present Rates vs. Proposed Rates
Total Company

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Test Year at Present Rates vs. Proposed Rates
Total Company

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
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| Line No. | Connection Size | Number of Hydrants | Present | | Proposed | | Dollar Change | Total Revenue % Change |
|----------|-----------------------|--------------------|--------------|-----------|--------------|-----------|---------------|------------------------|
| | | | Annual Rates | Revenue | Annual Rates | Revenue | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Private Fire Service: | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | Private Fire Hydrant | 148 | 555.00 | \$81,030 | 928.52 | \$135,273 | \$54,243 | 66.94% |
| 7 | | | | | | | | |
| 8 | 2" | 11 | 78.58 | 877 | 132.84 | 1,462 | 585 | 66.70% |
| 9 | | | | | | | | |
| 10 | 3" | 1 | 136.88 | 137 | 228.12 | 228 | 91 | 66.42% |
| 11 | | | | | | | | |
| 12 | 4" | 119 | 216.84 | 25,804 | 382.04 | 43,083 | 17,279 | 66.96% |
| 13 | | | | | | | | |
| 14 | 6" | 341 | 444.72 | 151,849 | 742.44 | 253,172 | 101,523 | 66.95% |
| 15 | | | | | | | | |
| 16 | 8" | 228 | 785.24 | 174,475 | 1,277.40 | 291,247 | 116,772 | 66.93% |
| 17 | | | | | | | | |
| 18 | 10" | 38 | 1,178.24 | 42,344 | 1,983.58 | 70,888 | 28,344 | 66.94% |
| 19 | | | | | | | | |
| 20 | 12" | 9 | 1,877.12 | 15,084 | 2,799.72 | 25,198 | 10,104 | 66.94% |
| 21 | | | | | | | | |
| 22 | Total Billed | 891 | | \$491,410 | | \$820,351 | \$328,941 | 66.94% |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

Test Year at Present Rates vs. Proposed Rates
Brunswick District

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1A
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Schedule JMW-1A
Page 2 of 8

| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dollar Change | Total Revenue % Change | | |
|----------|---|-------------------------|-------------------------|--------------|-----------------|--------------------------|-----------------|---------------|-----------------|------------------------|-----------------|--------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | | | Total Revenue | % Revenue To Total |
| 1 | Residential: | | | | | | | | | | | |
| 2 | <u>Minimum Charge:</u> | | | | | | | | | | | |
| 3 | 5/8" Monthly | 4,649.5 | | \$5.94 | \$27,618 | 41.67% | | \$7.08 | \$32,918 | 34.15% | \$5,300 | 19.19% |
| 4 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 5 | 1" Monthly | 0.0 | | 10.77 | 0 | 0.00% | | 12.96 | 0 | 0.00% | 0 | 0.00% |
| 6 | 1 1/2" Mthly | 0.0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 7 | 2" Monthly | 36.0 | | 28.28 | 1,018 | 1.54% | | 33.96 | 1,223 | 1.27% | 205 | 20.14% |
| 8 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 9 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 10 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | <u>Volumetric Charges</u> | | | | | | | | | | | |
| 20 | First Block | | 18,372 | 1.9548 | 35,914 | 54.17% | 18,372 | 3.2633 | 59,953 | 62.21% | 24,039 | 66.93% |
| 21 | Second Block | | 126 | 1.0951 | 138 | 0.21% | 126 | 1.8280 | 230 | 0.24% | 92 | 66.67% |
| 22 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 23 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 24 | FAL's and Credits | | (63) | | 29 | 0.04% | (63) | | 42 | 0.04% | 13 | 44.83% |
| 25 | Reconcile to Books | | 8 | | 41 | 0.06% | 8 | | 60 | 0.06% | 19 | 46.34% |
| 26 | Per Bill Analysis | | <u>18,443</u> | | <u>\$64,758</u> | <u>97.69%</u> | <u>18,443</u> | | <u>\$94,426</u> | <u>97.97%</u> | <u>\$29,668</u> | <u>45.81%</u> |
| 27 | | | | | | | | | | | | |
| 28 | <u>Adjustments due to Weather Normalization And Customer Growth</u> | | | | | | | | | | | |
| 29 | First Block | | 152 | 1.9548 | 297 | 0.45% | 152 | 3.2633 | 496 | 0.51% | 199 | 67.00% |
| 30 | Second Block | | 1 | 1.0951 | 1 | 0.00% | 1 | 1.8280 | 2 | 0.00% | 1 | 100.00% |
| 31 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 32 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 33 | | | | | | | | | | | | |
| 34 | 5/8" Monthly | 197 | | 5.94 | 1,170 | 1.77% | | 7.08 | 1,395 | 1.45% | 225 | 19.23% |
| 35 | 3/4" Monthly | 0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 36 | 1" Monthly | 0 | | 10.77 | 0 | 0.00% | | 12.96 | 0 | 0.00% | 0 | 0.00% |
| 37 | 1 1/2" Mthly | 0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0 |

**Test Year at Present Rates vs. Proposed Rates
Brunswick District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1A
Page 3 of 8

| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | Dollar Change | Total Revenue % Change |
|----------|--|-------------------------|-------------------------|--------------|---------------|--------------------|--------------------------|---------------|---------------|--------------------|---------------|------------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | Total Revenue | % Revenue To Total | | |
| 1 | Commercial | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 781.0 | | \$5.94 | \$4,639 | 26.86% | | \$7.08 | \$5,529 | 21.36% | \$890 | 19.19% |
| 4 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 5 | 1" Monthly | 60.0 | | 10.77 | 646 | 3.74% | | 12.96 | 778 | 3.01% | 132 | 20.43% |
| 6 | 1 1/2" Mthly | 0.0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 7 | 2" Monthly | 24.0 | | 28.28 | 679 | 3.93% | | 33.96 | 815 | 3.15% | 136 | 20.03% |
| 8 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 9 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 10 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
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| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 4,751 | 1.9548 | 9,287 | 53.78% | 4,751 | 3.2633 | 15,504 | 59.90% | 6,217 | 66.94% |
| 21 | Second Block | | 459 | 1.0951 | 503 | 2.91% | 459 | 1.8280 | 839 | 3.24% | 336 | 66.80% |
| 22 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 23 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 24 | FAL's and Credits | | (20) | | (20) | -0.12% | (20) | | (30) | -0.12% | (10) | 50.00% |
| 25 | Reconcile to Books | | 1 | | 8 | 0.05% | 1 | | 12 | 0.05% | 4 | 50.00% |
| 26 | Per Bill Analysis | | 5,191 | | \$15,742 | 91.15% | 5,191 | | \$23,447 | 90.59% | \$7,705 | 48.95% |
| 27 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 28 | First Block | | 625 | 1.9548 | 1,222 | 7.08% | 625 | 3.2633 | 2,040 | 7.88% | 818 | 66.94% |
| 29 | Second Block | | 60 | 1.0951 | 66 | 0.38% | 60 | 1.8280 | 110 | 0.42% | 44 | 66.67% |
| 30 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 31 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 32 | 5/8" Monthly | 32 | | 5.94 | 190 | 1.10% | | 7.08 | 227 | 0.88% | 37 | 19.47% |
| 33 | 3/4" Monthly | 0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 34 | 1" Monthly | 2 | | 10.77 | 22 | 0.13% | | 12.96 | 26 | 0.10% | 4 | 18.18% |
| 35 | 1 1/2" Mthly | 0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 36 | 2" Monthly | 1 | | 28.28 | 28 | 0.16% | | 33.96 | 34 | 0.13% | 6 | 21.43% |
| 37 | 3" Monthly | 0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 38 | 4" Monthly | 0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 39 | 6" Monthly | 0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 40 | Total | | 5,876 | | \$17,270 | 100.00% | 5,876 | | \$25,884 | 100.00% | \$8,614 | 49.88% |

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Test Year at Present Rates vs. Proposed Rates
Brunswick District

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

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| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dollor Change | Total Revenue % Change | | |
|----------|-------------------------|-------------------------|-------------------------|--------------|---------------|--------------------------|-----------------|---------------|---------------|------------------------|---------------|--------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | | | Total Revenue | % Revenue To Total |
| 1 | | | | | | | | | | | | |
| 2 | Other Public Authority: | | | | | | | | | | | |
| 3 | Minimum Charge: | | | | | | | | | | | |
| 4 | 5/8" Monthly | 60.0 | | \$5.94 | \$356 | 16.75% | | \$7.08 | \$425 | 13.19% | \$69 | 19.38% |
| 5 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 6 | 1" Monthly | 0.0 | | 10.77 | 0 | 0.00% | | 12.96 | 0 | 0.00% | 0 | 0.00% |
| 7 | 1 1/2" Mthly | 0.0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 8 | 2" Monthly | 12.0 | | 28.28 | 339 | 15.95% | | 33.96 | 408 | 12.66% | 69 | 20.35% |
| 9 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 10 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 11 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 12 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
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| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | Volumetric Charges | | | | | | | | | | | |
| 22 | Monthly | | | | | | | | | | | |
| 23 | First Block | | 732 | 1.9548 | 1,431 | 67.30% | 732 | 3.2633 | 2,389 | 74.15% | 958 | 66.95% |
| 24 | Second Block | | 0 | 1.0951 | 0 | 0.00% | 0 | 1.8280 | 0 | 0.00% | 0 | 0.00% |
| 25 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 26 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| 32 | FAL's and Credits | | 0 | | 0 | 0.00% | 0 | | 0 | 0.00% | 0 | 0.00% |
| 33 | Reconcile to Books | | 3 | | 0 | 0.00% | 3 | | 0 | 0.00% | 0 | 0.00% |
| 34 | Per Bill Analysis | | 735 | | \$2,126 | 100.00% | 735 | | \$3,222 | 100.00% | \$1,096 | 51.55% |

Test Year at Present Rates vs. Proposed Rates
Brunswick District

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

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Test Year at Present Rates vs. Proposed Rates
Brunswick District

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

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**Test Year at Present Rates vs. Proposed Rates
Brunswick District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

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| Line No. | Connection Size | Number of Connections | Present | | Proposed | | Dollar Change | Total Revenue % Change |
|----------|----------------------|-----------------------|--------------|----------------|--------------|----------------|----------------|------------------------|
| | | | Annual Rates | Revenue | Annual Rates | Revenue | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Private Fire | | | | | | | |
| 4 | Service: | | | | | | | |
| 5 | | | | | | | | |
| 6 | Private Fire Hydrant | 3 | 555.00 | \$1,665 | 926.52 | \$2,780 | \$1,115 | 66.97% |
| 7 | | | | | | | | |
| 8 | 2" | 0 | 79.56 | 0 | 132.84 | 0 | 0 | 0.00% |
| 9 | | | | | | | | |
| 10 | 3" | 0 | 136.68 | 0 | 228.12 | 0 | 0 | 0.00% |
| 11 | | | | | | | | |
| 12 | 4" | 0 | 216.84 | 0 | 362.04 | 0 | 0 | 0.00% |
| 13 | | | | | | | | |
| 14 | 6" | 2 | 444.72 | 889 | 742.44 | 1,485 | 596 | 67.04% |
| 15 | | | | | | | | |
| 16 | 8" | 0 | 765.24 | 0 | 1,277.40 | 0 | 0 | 0.00% |
| 17 | | | | | | | | |
| 18 | 10" | 0 | 1,176.24 | 0 | 1,963.56 | 0 | 0 | 0.00% |
| 19 | | | | | | | | |
| 20 | 12" | 0 | 1,677.12 | 0 | 2,799.72 | 0 | 0 | 0.00% |
| 21 | | | | | | | | |
| 22 | Total Billed | <u>5</u> | | <u>\$2,554</u> | | <u>\$4,265</u> | <u>\$1,711</u> | <u>66.99%</u> |

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| | | Customer | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | | Total |
|------|--|-----------|-------------------------|--------------|-------------|-----------|--------------------------|----------|-------------|-----------|-------------|----------|
| Line | Class/ | Meter | Sales | | Total | % Revenue | Sales | Proposed | Total | % Revenue | Dollar | Revenue |
| No. | Description | Billings | (000 Gal) | Current Rate | Revenue | To Total | (000 Gal) | Rate | Revenue | To Total | Change | % Change |
| 1 | Residential: | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 195,564.5 | | \$5.94 | \$1,161,653 | 28.54% | | \$7.08 | \$1,384,597 | 22.68% | \$222,944 | 19.19% |
| 4 | 3/4" Monthly | 347.0 | | 7.60 | 2,637 | 0.06% | | 9.12 | 3,165 | 0.05% | 528 | 20.02% |
| 5 | 1" Monthly | 20,893.5 | | 10.77 | 225,023 | 5.53% | | 12.96 | 270,780 | 4.44% | 45,757 | 20.33% |
| 6 | 1 1/2" Mthly | 22.0 | | 18.73 | 412 | 0.01% | | 22.44 | 494 | 0.01% | 82 | 19.90% |
| 7 | 2" Monthly | 194.0 | | 28.28 | 5,486 | 0.13% | | 33.96 | 6,588 | 0.11% | 1,102 | 20.09% |
| 8 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 9 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 10 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
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| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 1,315,285 | 1.9548 | 2,571,119 | 63.16% | 1,315,285 | 3.2633 | 4,292,170 | 70.31% | 1,721,051 | 66.94% |
| 21 | Second Block | | 13,697 | 1.0951 | 15,000 | 0.37% | 13,697 | 1.8280 | 25,038 | 0.41% | 10,038 | 66.92% |
| 22 | Third Block | | 3,000 | 0.8451 | 2,535 | 0.06% | 3,000 | 1.4107 | 4,232 | 0.07% | 1,697 | 66.94% |
| 23 | Fourth Block | | 2,489 | 0.5691 | 1,416 | 0.03% | 2,489 | 0.9500 | 2,365 | 0.04% | 949 | 67.02% |
| 24 | FAL's and Credits | | (11,924) | | 616 | 0.02% | (11,924) | | 926 | 0.02% | 310 | 50.32% |
| 25 | Reconcile to Books | | 8 | | (772) | -0.02% | 8 | | (1,160) | -0.02% | (388) | 50.26% |
| 26 | Per Bill Analysis | | 1,322,555 | | \$3,985,125 | 97.89% | 1,322,555 | | \$5,989,195 | 98.12% | \$2,004,070 | 50.29% |
| 27 | | | | | | | | | | | | |
| 28 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 29 | First Block | | 14,308 | 1.9548 | 27,969 | 0.69% | 14,308 | 3.2633 | 46,691 | 0.76% | 18,722 | 66.94% |
| 30 | Second Block | | 150 | 1.0951 | 164 | 0.00% | 150 | 1.8280 | 274 | 0.00% | 110 | 67.07% |
| 31 | Third Block | | 32 | 0.8451 | 27 | 0.00% | 32 | 1.4107 | 45 | 0.00% | 18 | 66.67% |
| 32 | Fourth Block | | 27 | 0.5691 | 15 | 0.00% | 27 | 0.9500 | 26 | 0.00% | 11 | 73.33% |
| 33 | | | | | | | | | | | | |
| 34 | 5/8" Monthly | 8,077 | | 5.94 | 47,977 | 1.18% | | 7.08 | 57,185 | 0.94% | 9,208 | 19.19% |
| 35 | 3/4" Monthly | 14 | | 7.60 | 106 | 0.00% | | 9.12 | 128 | 0.00% | 22 | 20.75% |
| 36 | 1" Monthly | 863 | | 10.77 | 9,295 | 0.23% | | 12.96 | 11,184 | 0.18% | 1,889 | 20.32% |
| 37 | 1 1/2" Mthly | 1 | | 18.73 | 19 | 0.00% | | 22.44 | 22 | 0.00% | 3 | 15.79% |
| 38 | 2" Monthly | 8 | | 28.28 | 226 | 0.01% | | 33.96 | 272 | 0.00% | 46 | 20.35% |
| 39 | Total | | 1,337,072 | | \$4,070,923 | 100.00% | 1,337,072 | | \$6,105,022 | 100.00% | \$2,034,099 | 49.97% |
| 40 | | | | | | | | | | | | |

**Test Year at Present Rates vs. Proposed Rates
Joplin District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
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| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | Dollar Change | Total Revenue % Change |
|----------|--|-------------------------|-------------------------|--------------|---------------|--------------------|--------------------------|---------------|---------------|--------------------|---------------|------------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | Total Revenue | % Revenue To Total | | |
| 1 | Commercial | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 27,452.5 | | \$5.94 | \$163,068 | 8.47% | | \$7.08 | \$194,364 | 6.37% | \$31,296 | 19.19% |
| 4 | 3/4" Monthly | 465.5 | | 7.60 | 3,538 | 0.18% | | 9.12 | 4,245 | 0.14% | 707 | 19.98% |
| 5 | 1" Monthly | 5,504.5 | | 10.77 | 59,283 | 3.08% | | 12.96 | 71,338 | 2.34% | 12,055 | 20.33% |
| 6 | 1 1/2" Mthly | 582.0 | | 18.73 | 10,901 | 0.57% | | 22.44 | 13,060 | 0.43% | 2,159 | 19.81% |
| 7 | 2" Monthly | 3,011.5 | | 28.28 | 85,165 | 4.42% | | 33.96 | 102,271 | 3.35% | 17,106 | 20.09% |
| 8 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 9 | 4" Monthly | 89.0 | | 82.34 | 7,328 | 0.38% | | 98.76 | 8,790 | 0.29% | 1,462 | 19.95% |
| 10 | 6" Monthly | 27.0 | | 161.85 | 4,370 | 0.23% | | 194.28 | 5,246 | 0.17% | 876 | 20.05% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 534,641 | 1.9548 | 1,045,116 | 54.29% | 534,641 | 3.2633 | 1,744,694 | 57.18% | 699,578 | 66.94% |
| 21 | Second Block | | 395,717 | 1.0951 | 433,350 | 22.51% | 395,717 | 1.8280 | 723,371 | 23.71% | 290,021 | 66.93% |
| 22 | Third Block | | 34,599 | 0.8451 | 29,240 | 1.52% | 34,599 | 1.4107 | 48,809 | 1.60% | 19,569 | 66.93% |
| 23 | Fourth Block | | 7,406 | 0.5691 | 4,215 | 0.22% | 7,406 | 0.9500 | 7,036 | 0.23% | 2,821 | 66.93% |
| 24 | FAL's and Credits | | (9,879) | | (8,511) | -0.44% | (9,879) | | (13,481) | -0.44% | (4,970) | 58.40% |
| 25 | Reconcile to Books | | 13 | | 484 | 0.03% | 13 | | 767 | 0.03% | 283 | 58.47% |
| 26 | Per Bill Analysis | | 962,497 | | \$1,837,547 | 95.46% | 962,497 | | \$2,910,510 | 95.40% | \$1,072,963 | 58.39% |
| 27 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 28 | First Block | | 26,778 | 1.9548 | 52,346 | 2.72% | 26,778 | 3.2633 | 87,385 | 2.86% | 35,039 | 66.94% |
| 29 | Second Block | | 19,823 | 1.0951 | 21,708 | 1.13% | 19,823 | 1.8280 | 36,236 | 1.19% | 14,528 | 66.92% |
| 30 | Third Block | | 1,734 | 0.8451 | 1,465 | 0.08% | 1,734 | 1.4107 | 2,446 | 0.08% | 981 | 66.96% |
| 31 | Fourth Block | | 370 | 0.5691 | 211 | 0.01% | 370 | 0.9500 | 352 | 0.01% | 141 | 66.82% |
| 32 | 5/8" Monthly | 1,025 | | 5.94 | 6,089 | 0.32% | | 7.08 | 7,257 | 0.24% | 1,168 | 19.18% |
| 33 | 3/4" Monthly | 16 | | 7.60 | 122 | 0.01% | | 9.12 | 146 | 0.00% | 24 | 19.67% |
| 34 | 1" Monthly | 204 | | 10.77 | 2,197 | 0.11% | | 12.96 | 2,644 | 0.09% | 447 | 20.35% |
| 35 | 1 1/2" Mthly | 22 | | 18.73 | 412 | 0.02% | | 22.44 | 494 | 0.02% | 82 | 19.90% |
| 36 | 2" Monthly | 98 | | 28.28 | 2,771 | 0.14% | | 33.96 | 3,328 | 0.11% | 557 | 20.10% |
| 37 | 3" Monthly | 0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 38 | 4" Monthly | 0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 39 | 6" Monthly | 0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 40 | Total | | 1,011,202 | | \$1,924,868 | 100.00% | 1,011,202 | | \$3,050,798 | 100.00% | \$1,125,930 | 58.49% |

**Test Year at Present Rates vs. Proposed Rates
Joplin District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1B
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| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dollar Change | Total Revenue % Change | | |
|----------|---|-------------------------|-------------------------|--------------|---------------|--------------------------|-----------------|---------------|---------------|------------------------|---------------|--------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | | | Total Revenue | % Revenue To Total |
| 1 | Industrial | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 134.5 | | \$5.94 | \$799 | 0.10% | | \$7.08 | \$952 | 0.07% | \$153 | 19.15% |
| 4 | 3/4" Monthly | 11.0 | | 7.60 | 84 | 0.01% | | 9.12 | 100 | 0.01% | 16 | 19.05% |
| 5 | 1" Monthly | 209.0 | | 10.77 | 2,251 | 0.28% | | 12.96 | 2,709 | 0.21% | 458 | 20.35% |
| 6 | 1 1/2" Mthly | 45.0 | | 18.73 | 843 | 0.11% | | 22.44 | 1,010 | 0.08% | 167 | 19.81% |
| 7 | 2" Monthly | 394.0 | | 28.28 | 11,142 | 1.41% | | 33.96 | 13,380 | 1.02% | 2,238 | 20.09% |
| 8 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 9 | 4" Monthly | 166.0 | | 82.34 | 13,668 | 1.73% | | 98.76 | 16,394 | 1.25% | 2,726 | 19.94% |
| 10 | 6" Monthly | 44.0 | | 161.85 | 7,121 | 0.90% | | 194.28 | 8,548 | 0.65% | 1,427 | 20.04% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | Volumetric Charges | | | | | | | | | | | |
| 19 | First Block | | 46,520 | 1.9548 | 90,937 | 11.48% | 46,520 | 3.2633 | 151,809 | 11.61% | 60,872 | 66.94% |
| 20 | Second Block | | 334,551 | 1.0951 | 366,367 | 46.28% | 334,551 | 1.8280 | 611,559 | 46.73% | 245,192 | 66.93% |
| 21 | Third Block | | 209,088 | 0.8451 | 176,700 | 22.32% | 209,088 | 1.4107 | 294,960 | 22.54% | 118,260 | 66.93% |
| 22 | Fourth Block | | 701,580 | 0.5691 | 399,269 | 50.44% | 701,580 | 0.9500 | 666,501 | 50.93% | 267,232 | 66.93% |
| 23 | | | | | | | | | | | | |
| 24 | FAL's and Credits | | (566,576) | | (327,198) | -41.33% | (566,576) | | (541,031) | -41.34% | (213,833) | 65.35% |
| 25 | Reconcile to Books | | 1 | | 2,488 | 0.31% | 1 | | 4,114 | 0.31% | 1,626 | 65.35% |
| 26 | Per Bill Analysis | | 725,164 | | \$744,471 | 94.04% | 725,164 | | \$1,231,005 | 94.07% | \$486,534 | 65.35% |
| 27 | Adjustment to Bill Analysis for rerouting | | | | | | | | | | | |
| 28 | # of Bills | | | | | | | | | | | |
| 29 | 5/8" Monthly | 6.00 | | 5.94 | 36 | 0.00% | | 7.08 | 42 | 0.00% | 6 | 16.67% |
| 30 | 3/4" Monthly | 1.00 | | 7.60 | 8 | 0.00% | | 9.12 | 9 | 0.00% | 1 | 12.50% |
| 31 | 1" Monthly | 3.00 | | 10.77 | 32 | 0.00% | | 12.96 | 39 | 0.00% | 7 | 21.88% |
| 32 | 2" Monthly | 14.00 | | 28.28 | 396 | 0.05% | | 33.96 | 475 | 0.04% | 79 | 19.95% |
| 33 | 4" Monthly | 13.00 | | 82.34 | 1,070 | 0.14% | | 98.76 | 1,284 | 0.10% | 214 | 20.00% |
| 34 | 6" Monthly | 4.00 | | 161.85 | 647 | 0.08% | | 194.28 | 777 | 0.06% | 130 | 20.09% |
| 35 | First Block | | 1,608 | 1.9548 | 3,143 | 0.40% | 1,608 | 3.2633 | 5,247 | 0.40% | 2,104 | 66.94% |
| 36 | Second Block | | 23,390 | 1.0951 | 25,614 | 3.24% | 23,390 | 1.8280 | 42,757 | 3.27% | 17,143 | 66.93% |
| 37 | Third Block | | 13,482 | 0.8451 | 11,394 | 1.44% | 13,482 | 1.4107 | 19,019 | 1.45% | 7,625 | 66.92% |
| 38 | Fourth Block | | 8,465 | 0.5691 | 4,817 | 0.61% | 8,465 | 0.9500 | 8,042 | 0.61% | 3,225 | 66.95% |
| 39 | | | | | | | | | | | | |
| 40 | Total | | 772,109 | | \$791,628 | 100.00% | 772,109 | | \$1,308,696 | 100.00% | \$517,068 | 65.32% |

**Test Year at Present Rates vs. Proposed Rates
Joplin District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1B
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| | | Customer | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | | Total |
|------|---|----------|-------------------------|--------------|-----------|-----------|--------------------------|----------|-----------|-----------|-----------|----------|
| Line | Class/ | Meter | Sales | | Total | % Revenue | Sales | Proposed | Total | % Revenue | Dollar | Revenue |
| No. | Description | Billings | (000 Gal) | Current Rate | Revenue | To Total | (000 Gal) | Rate | Revenue | To Total | Change | % Change |
| 1 | | | | | | | | | | | | |
| 2 | Other Public Authority: | | | | | | | | | | | |
| 3 | Minimum Charge: | | | | | | | | | | | |
| 4 | 5/8" Monthly | 398.5 | | \$5.94 | \$2,367 | 1.04% | | \$7.08 | \$2,821 | 0.78% | \$454 | 19.18% |
| 5 | 3/4" Monthly | 60.0 | | 7.60 | 456 | 0.20% | | 9.12 | 547 | 0.15% | 91 | 19.96% |
| 6 | 1" Monthly | 467.5 | | 10.77 | 5,035 | 2.21% | | 12.96 | 6,059 | 1.68% | 1,024 | 20.34% |
| 7 | 1 1/2" Mthly | 132.0 | | 18.73 | 2,472 | 1.09% | | 22.44 | 2,962 | 0.82% | 490 | 19.82% |
| 8 | 2" Monthly | 550.0 | | 28.28 | 15,554 | 6.84% | | 33.96 | 18,678 | 5.19% | 3,124 | 20.08% |
| 9 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 10 | 4" Monthly | 48.0 | | 82.34 | 3,952 | 1.74% | | 98.76 | 4,740 | 1.32% | 788 | 19.94% |
| 11 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 12 | 8" Monthly | 44.0 | | 257.26 | 11,319 | 4.97% | | 308.76 | 13,585 | 3.77% | 2,266 | 20.02% |
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| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | Volumetric Charges | | | | | | | | | | | |
| 22 | Monthly | | | | | | | | | | | |
| 23 | First Block | | 41,874 | 1.9548 | 81,855 | 35.96% | 41,874 | 3.2633 | 136,647 | 37.95% | 54,792 | 66.94% |
| 24 | Second Block | | 91,555 | 1.0951 | 100,262 | 44.06% | 91,555 | 1.8280 | 167,363 | 46.47% | 67,101 | 66.93% |
| 25 | Third Block | | 1,283 | 0.8451 | 1,084 | 0.48% | 1,283 | 1.4107 | 1,810 | 0.50% | 726 | 66.97% |
| 26 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| 32 | FAL's and Credits | | (1,757) | | (2,131) | -0.94% | (1,757) | | (3,374) | -0.94% | (1,243) | 58.33% |
| 33 | Reconcile to Books | | 2 | | 448 | 0.20% | 2 | | 709 | 0.20% | 261 | 58.26% |
| 34 | Per Bill Analysis | | 132,957 | | \$222,673 | 97.85% | 132,957 | | \$352,547 | 97.89% | \$129,674 | 58.32% |
| 35 | Adjustment to Bill Analysis for rerouting | | | | | | | | | | | |
| 36 | 1" Monthly | 4.00 | | 10.77 | 43 | 0.02% | | 12.96 | 52 | 0.01% | 9 | 20.93% |
| 37 | 8" Monthly | 4.00 | | 257.26 | 1,029 | 0.45% | | 308.76 | 1,235 | 0.34% | 206 | 20.02% |
| 38 | First Block | | 402 | 1.9548 | 786 | 0.35% | 402 | 3.2633 | 1,312 | 0.36% | 526 | 66.92% |
| 39 | Second Block | | 2,753 | 1.0951 | 3,015 | 1.33% | 2,753 | 1.8280 | 5,032 | 1.40% | 2,017 | 66.90% |
| 40 | Total | | 136,112 | | \$227,546 | 100.00% | 136,112 | | \$360,178 | 100.00% | \$132,632 | 58.29% |

**Test Year at Present Rates vs. Proposed Rates
Joplin District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1B
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| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | Dollar Change | Total Revenue % Change |
|----------|--|-------------------------|-------------------------|--------------|------------------|--------------------|--------------------------|---------------|------------------|--------------------|------------------|------------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | Total Revenue | % Revenue To Total | | |
| 1 | | | | | | | | | | | | |
| 2 | Other Water Utilities: | | | | | | | | | | | |
| 3 | Minimum Charge: | | | | | | | | | | | |
| 4 | 5/8" Monthly | 0.0 | | \$5.94 | \$0 | 0.00% | | \$7.08 | \$0 | 0.00% | \$0 | 0.00% |
| 5 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 6 | 1" Monthly | 11.0 | | 10.77 | 118 | 0.04% | | 12.96 | 143 | 0.03% | 25 | 21.19% |
| 7 | 1 1/2" Monthly | 0.0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 8 | 2" Monthly | 122.0 | | 28.28 | 3,450 | 1.29% | | 33.96 | 4,143 | 0.93% | 693 | 20.09% |
| 9 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 10 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 11 | 6" Monthly | 11.0 | | 161.85 | 1,780 | 0.66% | | 194.28 | 2,137 | 0.48% | 357 | 20.06% |
| 12 | 8" Monthly | 11.0 | | 257.26 | 2,830 | 1.06% | | 308.76 | 3,396 | 0.76% | 566 | 20.00% |
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| 20 | | | | | | | | | | | | |
| 21 | Volumetric Charges | | | | | | | | | | | |
| 22 | Monthly | | | | | | | | | | | |
| 23 | First Block | | 8,945 | 1.9548 | 17,486 | 6.53% | 8,945 | 3.2633 | 29,190 | 6.56% | 11,704 | 66.93% |
| 24 | Second Block | | 126,632 | 1.0951 | 138,675 | 51.74% | 126,632 | 1.8280 | 231,483 | 51.95% | 92,808 | 66.92% |
| 25 | Third Block | | 83,507 | 0.8451 | 70,572 | 26.33% | 83,507 | 1.4107 | 117,803 | 26.44% | 47,231 | 66.93% |
| 26 | Fourth Block | | 719,015 | 0.5691 | 409,191 | 152.66% | 719,015 | 0.9500 | 683,064 | 153.28% | 273,873 | 66.93% |
| 27 | | | | | | | | | | | | |
| 28 | FAL's and Credits | | (689,514) | | (392,379) | -146.39% | (689,514) | | (652,659) | -146.46% | (260,280) | 66.33% |
| 29 | Reconcile to Books | | 2 | | 991 | 0.37% | 2 | | 1,648 | 0.37% | 657 | 66.30% |
| 30 | Per Bill Analysis | | <u>248,587</u> | | <u>\$252,714</u> | <u>94.29%</u> | <u>248,587</u> | | <u>\$420,348</u> | <u>94.34%</u> | <u>\$167,634</u> | <u>481.68%</u> |
| 31 | Adjustment to Bill Analysis for rerouting | | | | | | | | | | | |
| 32 | 1" Monthly | 1.00 | | 10.77 | 11 | 0.00% | | 12.96 | 13 | 0.00% | 2 | 18.18% |
| 33 | 2" Monthly | 7.00 | | 28.28 | 198 | 0.07% | | 33.96 | 238 | 0.05% | 40 | 20.20% |
| 34 | 6" Monthly | 1.00 | | 161.85 | 162 | 0.06% | | 194.28 | 194 | 0.04% | 32 | 19.75% |
| 35 | 8" Monthly | 1.00 | | 257.26 | 257 | 0.10% | | 308.76 | 309 | 0.07% | 52 | 20.23% |
| 36 | First Block | | 402 | 1.9548 | 786 | 0.29% | 402 | 3.2633 | 1,312 | 0.29% | 526 | 66.92% |
| 37 | Second Block | | 7,754 | 1.0951 | 8,491 | 3.17% | 7,754 | 1.8280 | 14,174 | 3.18% | 5,683 | 66.93% |
| 38 | Third Block | | 5,586 | 0.8451 | 4,721 | 1.76% | 5,586 | 1.4107 | 7,880 | 1.77% | 3,159 | 66.91% |
| 39 | Fourth Block | | 1,222 | 0.5691 | 695 | 0.26% | 1,222 | 0.9500 | 1,161 | 0.26% | 466 | 67.05% |
| 40 | Total | | <u>263,551</u> | | <u>\$268,035</u> | <u>100.00%</u> | <u>263,551</u> | | <u>\$445,629</u> | <u>100.00%</u> | <u>\$177,594</u> | <u>66.26%</u> |

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Schedule JMW-1B
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Case No. WR-2000-281
Schedule JMW-1B
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| | | Customer | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | Total | |
|----------|--------------------|----------------|-------------------------|--------------|---------------|--------------------|--------------------------|---------------|---------------|--------------------|---------------|------------------|
| Line No. | Class/Description | Meter Billings | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | Total Revenue | % Revenue To Total | Dollar Change | Revenue % Change |
| 1 | | | | | | | | | | | | |
| 2 | Miscellaneous | | | | | | | | | | | |
| 3 | Minimum Charge: | | | | | | | | | | | |
| 4 | 5/8" Monthly | 0.0 | | \$5.94 | \$0 | 0.00% | | \$7.08 | \$0 | 0.00% | \$0 | 0.00% |
| 5 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 6 | 1" Monthly | 0.0 | | 10.77 | 0 | 0.00% | | 12.96 | 0 | 0.00% | 0 | 0.00% |
| 7 | 1 1/2" Mthly | 0.0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 8 | 2" Monthly | 0.0 | | 28.28 | 0 | 0.00% | | 33.96 | 0 | 0.00% | 0 | 0.00% |
| 9 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 10 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 11 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 12 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
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| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | Volumetric Charges | | | | | | | | | | | |
| 22 | Monthly | | | | | | | | | | | |
| 23 | First Block | | 0 | 1.9548 | 0 | 0.00% | 0 | 3.2633 | 0 | 0.00% | 0 | 0.00% |
| 24 | Second Block | | 0 | 1.0951 | 0 | 0.00% | 0 | 1.8280 | 0 | 0.00% | 0 | 0.00% |
| 25 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 26 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| 32 | FAL's and Credits | | 1,372 | | 2,685 | 100.07% | 1,372 | | 2,685 | 100.07% | 0 | 0.00% |
| 33 | Reconcile to Books | | 1 | | (2) | -0.07% | 1 | | (2) | -0.07% | 0 | 0.00% |
| 34 | Per Bill Analysis | | 1,373 | | \$2,683 | 100.00% | 1,373 | | \$2,683 | 100.00% | \$0 | 0.00% |

**Test Year at Present Rates vs. Proposed Rates
Joplin District**

Case No. WR-2000-281
Schedule JMW-1B
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Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

| Line No. | Connection Size | Number of Connections | Present | | Proposed | | Dollar Change | Total Revenue % Change |
|----------|----------------------|-----------------------|--------------|------------------|--------------|------------------|------------------|------------------------|
| | | | Annual Rates | Revenue | Annual Rates | Revenue | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Private Fire | | | | | | | |
| 4 | Service: | | | | | | | |
| 5 | | | | | | | | |
| 6 | Private Fire Hydrant | 36 | 555.00 | \$19,980 | 926.52 | \$33,355 | \$13,375 | 66.94% |
| 7 | | | | | | | | |
| 8 | 2" | 4 | 79.56 | 318 | 132.84 | 531 | 213 | 66.98% |
| 9 | | | | | | | | |
| 10 | 3" | 0 | 136.68 | 0 | 228.12 | 0 | 0 | 0.00% |
| 11 | | | | | | | | |
| 12 | 4" | 17 | 216.84 | 3,686 | 362.04 | 6,155 | 2,469 | 66.98% |
| 13 | | | | | | | | |
| 14 | 6" | 119 | 444.72 | 52,922 | 742.44 | 88,350 | 35,428 | 66.94% |
| 15 | | | | | | | | |
| 16 | 8" | 83 | 765.24 | 63,515 | 1,277.40 | 106,024 | 42,509 | 66.93% |
| 17 | | | | | | | | |
| 18 | 10" | 6 | 1,176.24 | 7,057 | 1,963.56 | 11,781 | 4,724 | 66.94% |
| 19 | | | | | | | | |
| 20 | 12" | 3 | 1,677.12 | 5,031 | 2,799.72 | 8,399 | 3,368 | 66.94% |
| 21 | | | | | | | | |
| 22 | Total Billed | <u>268</u> | | <u>\$152,509</u> | | <u>\$254,595</u> | <u>\$102,086</u> | <u>66.94%</u> |

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Case No. WR-2000-281
Schedule JMW-1C
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Test Year at Present Rates vs. Proposed Rates
Mexico District

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1C
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| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | | Dollar Change | Total Revenue % Change | |
|----------|--|-------------------------|-------------------------|--------------|---------------|--------------------------|-----------------|---------------|---------------|---------------|------------------------|--------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | Total Revenue | | | % Revenue To Total |
| 1 | Residential: | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 51,279.5 | | \$5.94 | \$304,600 | 36.72% | | \$7.08 | \$363,059 | 29.36% | \$58,459 | 19.19% |
| 4 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 5 | 1" Monthly | 130.0 | | 10.77 | 1,400 | 0.17% | | 12.96 | 1,685 | 0.14% | 285 | 20.36% |
| 6 | 1 1/2" Mthly | 0.0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 7 | 2" Monthly | 14.0 | | 28.28 | 396 | 0.05% | | 33.96 | 475 | 0.04% | 79 | 19.95% |
| 8 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 9 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 10 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 247,393 | 1.9548 | 483,604 | 58.30% | 247,393 | 3.2633 | 807,318 | 65.31% | 323,714 | 66.94% |
| 21 | Second Block | | 4,497 | 1.0951 | 4,925 | 0.59% | 4,497 | 1.8280 | 8,221 | 0.66% | 3,296 | 66.92% |
| 22 | Third Block | | 6,000 | 0.8451 | 5,071 | 0.61% | 6,000 | 1.4107 | 8,464 | 0.68% | 3,393 | 66.91% |
| 23 | Fourth Block | | 4,996 | 0.5691 | 2,843 | 0.34% | 4,996 | 0.9500 | 4,746 | 0.38% | 1,903 | 66.94% |
| 24 | FAL's and Credits | | (16,282) | | (11,534) | -1.39% | (16,282) | | (17,153) | -1.39% | (5,619) | 48.72% |
| 25 | Reconcile to Books | | 10 | | (542) | -0.07% | 10 | | (806) | -0.07% | (264) | 48.71% |
| 26 | Per Bill Analysis | | 246,614 | | \$790,763 | 95.32% | 246,614 | | \$1,176,009 | 95.11% | \$385,246 | 48.72% |
| 27 | | | | | | | | | | | | |
| 28 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 29 | First Block | | 15,071 | 1.9548 | 29,461 | 3.55% | 15,071 | 3.2633 | 49,181 | 3.98% | 19,720 | 66.94% |
| 30 | Second Block | | 274 | 1.0951 | 300 | 0.04% | 274 | 1.8280 | 501 | 0.04% | 201 | 67.00% |
| 31 | Third Block | | 365 | 0.8451 | 308 | 0.04% | 365 | 1.4107 | 515 | 0.04% | 207 | 67.21% |
| 32 | Fourth Block | | 304 | 0.5691 | 173 | 0.02% | 304 | 0.9500 | 289 | 0.02% | 116 | 67.05% |
| 33 | | | | | | | | | | | | |
| 34 | 5/8" Monthly | 1,421 | | 5.94 | 8,441 | 1.02% | | 7.08 | 10,061 | 0.81% | 1,620 | 19.19% |
| 35 | 3/4" Monthly | 0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 36 | 1" Monthly | 4 | | 10.77 | 43 | 0.01% | | 12.96 | 52 | 0.00% | 9 | 20.93% |
| 37 | 1 1/2" Mthly | 0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 38 | 2" Monthly | 0 | | 28.28 | 0 | 0.00% | | 33.96 | 0 | 0.00% | 0 | 0.00% |
| 39 | Total | | 262,628 | | \$829,489 | 100.00% | 262,628 | | \$1,236,608 | 100.00% | \$407,119 | 49.08% |
| 40 | | | | | | | | | | | | |

**Test Year at Present Rates vs. Proposed Rates
Mexico District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1C
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| | | Customer | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | Total | |
|------|--|----------|-------------------------|--------------|-----------|-----------|--------------------------|----------|-----------|-----------|-----------|----------|
| Line | Class/ | Meter | Sales | | Total | % Revenue | Sales | Proposed | Total | % Revenue | Dollar | Revenue |
| No. | Description | Billings | (000 Gal) | Current Rate | Revenue | To Total | (000 Gal) | Rate | Revenue | To Total | Change | % Change |
| 1 | Commercial | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 4,154.5 | | \$5.94 | \$24,678 | 11.25% | | \$7.08 | \$29,414 | 8.59% | \$4,736 | 19.19% |
| 4 | 3/4" Monthly | 84.0 | | 7.60 | 638 | 0.29% | | 9.12 | 766 | 0.22% | 128 | 20.06% |
| 5 | 1" Monthly | 917.0 | | 10.77 | 9,876 | 4.50% | | 12.96 | 11,884 | 3.47% | 2,008 | 20.33% |
| 6 | 1 1/2" Mthly | 0.0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 7 | 2" Monthly | 459.5 | | 28.28 | 12,995 | 5.92% | | 33.96 | 15,605 | 4.56% | 2,610 | 20.08% |
| 8 | 3" Monthly | 12.0 | | 50.54 | 606 | 0.28% | | 60.60 | 727 | 0.21% | 121 | 19.97% |
| 9 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 10 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 79,258 | 1.9548 | 154,934 | 70.63% | 79,258 | 3.2633 | 258,643 | 75.55% | 103,709 | 66.94% |
| 21 | Second Block | | 25,367 | 1.0951 | 27,779 | 12.66% | 25,367 | 1.8280 | 46,371 | 13.54% | 18,592 | 66.93% |
| 22 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 23 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 24 | FAL's and Credits | | 39 | | 185 | 0.08% | 39 | | 290 | 0.08% | 105 | 56.76% |
| 25 | Reconcile to Books | | (12) | | (197) | -0.09% | (12) | | (309) | -0.09% | (112) | 56.85% |
| 26 | Per Bill Analysis | | 104,652 | | \$231,494 | 105.52% | 104,652 | | \$363,391 | 106.13% | \$131,897 | 56.98% |
| 27 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 28 | First Block | | (6,048) | 1.9548 | (11,823) | -5.39% | (6,048) | 3.2633 | (19,736) | -5.76% | (7,913) | 66.93% |
| 29 | Second Block | | (1,936) | 1.0951 | (2,120) | -0.97% | (1,936) | 1.8280 | (3,539) | -1.03% | (1,419) | 66.93% |
| 30 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 31 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 32 | 5/8" Monthly | 175 | | 5.94 | 1,040 | 0.47% | | 7.08 | 1,239 | 0.36% | 199 | 19.13% |
| 33 | 3/4" Monthly | 4 | | 7.60 | 30 | 0.01% | | 9.12 | 36 | 0.01% | 6 | 20.00% |
| 34 | 1" Monthly | 39 | | 10.77 | 420 | 0.19% | | 12.96 | 505 | 0.15% | 85 | 20.24% |
| 35 | 1 1/2" Mthly | 0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 36 | 2" Monthly | 12 | | 28.28 | 339 | 0.15% | | 33.96 | 408 | 0.12% | 69 | 20.35% |
| 37 | 3" Monthly | 1 | | 50.54 | 51 | 0.02% | | 60.60 | 61 | 0.02% | 10 | 19.61% |
| 38 | 4" Monthly | 0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 39 | 6" Monthly | 0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 40 | Total | | 96,668 | | \$219,431 | 100.00% | 96,668 | | \$342,365 | 100.00% | \$122,934 | 56.02% |

Test Year at Present Rates vs. Proposed Rates
Mexico District

**Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts**

Case No. WR-2000-281
Schedule JMW-1C
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| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dollar Change | Total Revenue % Change | | |
|----------|--------------------|-------------------------|-------------------------|--------------|---------------|--------------------------|-----------------|---------------|---------------|------------------------|---------------|--------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | | | Total Revenue | % Revenue To Total |
| 1 | Industrial | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 36.0 | | \$5.94 | \$214 | 0.09% | | \$7.08 | \$255 | 0.06% | \$41 | 19.16% |
| 4 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 5 | 1" Monthly | 60.0 | | 10.77 | 646 | 0.26% | | 12.96 | 778 | 0.19% | 132 | 20.43% |
| 6 | 1 1/2" Mthly | 0.0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 7 | 2" Monthly | 59.5 | | 28.28 | 1,683 | 0.69% | | 33.96 | 2,021 | 0.50% | 338 | 20.08% |
| 8 | 3" Monthly | 48.0 | | 50.54 | 2,426 | 0.99% | | 60.60 | 2,909 | 0.72% | 483 | 19.91% |
| 9 | 4" Monthly | 48.0 | | 82.34 | 3,952 | 1.61% | | 98.76 | 4,740 | 1.18% | 788 | 19.94% |
| 10 | 6" Monthly | 48.0 | | 161.85 | 7,769 | 3.17% | | 194.28 | 9,325 | 2.32% | 1,556 | 20.03% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | Volumetric Charges | | | | | | | | | | | |
| 19 | First Block | | 13,875 | 1.9548 | 27,123 | 11.04% | 13,875 | 3.2633 | 45,278 | 11.26% | 18,155 | 66.94% |
| 20 | Second Block | | 105,317 | 1.0951 | 115,333 | 46.99% | 105,317 | 1.8280 | 192,519 | 47.85% | 77,186 | 66.92% |
| 21 | Third Block | | 90,704 | 0.8451 | 76,654 | 31.23% | 90,704 | 1.4107 | 127,956 | 31.81% | 51,302 | 66.93% |
| 22 | Fourth Block | | 28,917 | 0.5691 | 16,457 | 6.71% | 28,917 | 0.9500 | 27,471 | 6.83% | 11,014 | 66.93% |
| 23 | | | | | | | | | | | | |
| 24 | FAL's and Credits | | (1,337) | | 344 | 0.14% | (1,337) | | 564 | 0.14% | 220 | 63.95% |
| 25 | Reconcile to Books | | 2 | | (337) | -0.14% | 2 | | (552) | -0.14% | (215) | 63.80% |
| 26 | Per Bill Analysis | | 237,478 | | \$252,264 | 102.78% | 237,478 | | \$413,264 | 102.72% | \$161,000 | 63.82% |
| 27 | | | | | | | | | | | | |
| 28 | Loss of LaFebure | | | | | | | | | | | |
| 29 | First Block | | 1,206 | 1.9548 | 2,357 | 0.96% | 1,206 | 3.2633 | 3,936 | 0.98% | 1,579 | 66.99% |
| 30 | Second Block | | 3,190 | 1.0951 | 3,493 | 1.42% | 3,190 | 1.8280 | 5,831 | 1.45% | 2,338 | 66.93% |
| 31 | 4" Monthly | 12.0 | | 82.34 | 988 | 0.40% | | 98.76 | 1,185 | 0.29% | 197 | 19.94% |
| 32 | | | | | | | | | | | | |
| 33 | Total | | 233,082 | | 245,426 | 100.00% | 233,082 | | 402,312 | 100.00% | 156,886 | 63.92% |
| 34 | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | |

Test Year at Present Rates vs. Proposed Rates
Mexico District

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
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| Line No. | Class/Description | Customer | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | Total | |
|----------|--------------------------------|----------------|-------------------------|--------------|---------------|--------------------|--------------------------|---------------|---------------|--------------------|---------------|------------------|
| | | Meter Billings | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | Total Revenue | % Revenue To Total | Dollar Change | Revenue % Change |
| 1 | | | | | | | | | | | | |
| 2 | Other Public Authority: | | | | | | | | | | | |
| 3 | <u>Minimum Charge:</u> | | | | | | | | | | | |
| 4 | 5/8" Monthly | 388.5 | | \$5.94 | \$2,308 | 2.33% | | \$7.08 | \$2,751 | 1.75% | \$443 | 19.19% |
| 5 | 3/4" Monthly | 12.0 | | 7.60 | 91 | 0.09% | | 9.12 | 109 | 0.07% | 18 | 19.78% |
| 6 | 1" Monthly | 262.5 | | 10.77 | 2,827 | 2.85% | | 12.96 | 3,402 | 2.17% | 575 | 20.34% |
| 7 | 1 1/2" Mthly | 0.0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 8 | 2" Monthly | 369.0 | | 28.28 | 10,435 | 10.53% | | 33.96 | 12,531 | 7.98% | 2,096 | 20.09% |
| 9 | 3" Monthly | 24.0 | | 50.54 | 1,213 | 1.22% | | 60.60 | 1,454 | 0.93% | 241 | 19.87% |
| 10 | 4" Monthly | 12.0 | | 82.34 | 988 | 1.00% | | 98.76 | 1,185 | 0.75% | 197 | 19.94% |
| 11 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 12 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | <u>Volumetric Charges</u> | | | | | | | | | | | |
| 22 | <u>Monthly</u> | | | | | | | | | | | |
| 23 | First Block | | 30,603 | 1.9548 | 59,823 | 60.37% | 30,603 | 3.2633 | 99,867 | 63.57% | 40,044 | 66.94% |
| 24 | Second Block | | 20,076 | 1.0951 | 21,985 | 22.19% | 20,076 | 1.8280 | 36,699 | 23.36% | 14,714 | 66.93% |
| 25 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 26 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| 32 | FAL's and Credits | | (377) | | (582) | -0.59% | (377) | | (923) | -0.59% | (341) | 58.59% |
| 33 | Reconcile to Books | | 3 | | 8 | 0.01% | 3 | | 13 | 0.01% | 5 | 62.50% |
| 34 | Per Bill Analysis | | 50,305 | | \$99,096 | 100.00% | 50,305 | | \$157,088 | 100.00% | \$57,992 | 58.52% |

Test Year at Present Rates vs. Proposed Rates
Mexico District

**Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts**

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Test Year at Present Rates vs. Proposed Rates
Mexico District

**Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts**

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Schedule JMW-1C
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| | | Customer | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | | Total |
|------|--------------------|----------|-------------------------|--------------|---------|-----------|--------------------------|----------|---------|-----------|--------|----------|
| Line | Class/ | Meter | Sales | | Total | % Revenue | Sales | Proposed | Total | % Revenue | Dollar | Revenue |
| No. | Description | Billings | (000 Gal) | Current Rate | Revenue | To Total | (000 Gal) | Rate | Revenue | To Total | Change | % Change |
| 1 | | | | | | | | | | | | |
| 2 | Miscellaneous | | | | | | | | | | | |
| 3 | Minimum Charge: | | | | | | | | | | | |
| 4 | 5/8" Monthly | 0.0 | | \$5.94 | \$0 | 0.00% | | \$7.08 | \$0 | 0.00% | \$0 | 0.00% |
| 5 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 6 | 1" Monthly | 0.0 | | 10.77 | 0 | 0.00% | | 12.96 | 0 | 0.00% | 0 | 0.00% |
| 7 | 1 1/2" Mthly | 0.0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 8 | 2" Monthly | 0.0 | | 28.28 | 0 | 0.00% | | 33.96 | 0 | 0.00% | 0 | 0.00% |
| 9 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 10 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 11 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 12 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | Volumetric Charges | | | | | | | | | | | |
| 22 | Monthly | | | | | | | | | | | |
| 23 | First Block | | 0 | 1.9548 | 0 | 0.00% | 0 | 3.2633 | 0 | 0.00% | 0 | 0.00% |
| 24 | Second Block | | 0 | 1.0951 | 0 | 0.00% | 0 | 1.8280 | 0 | 0.00% | 0 | 0.00% |
| 25 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 26 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| 32 | FAL's and Credits | | 268 | | 876 | 100.00% | 268 | | 876 | 100.00% | 0 | 0.00% |
| 33 | Reconcile to Books | | 2 | | 0 | 0.00% | 2 | | 0 | 0.00% | 0 | 0.00% |
| 34 | Per Bill Analysis | | 270 | | \$876 | 100.00% | 270 | | \$876 | 100.00% | \$0 | 0.00% |

**Test Year at Present Rates vs. Proposed Rates
Mexico District**

**Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts**

**Case No. WR-2000-281
Schedule JMW-1C
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| Line No. | Connection Size | Number of Connections | Present | | Proposed | | Dollar Change | Total Revenue % Change |
|----------|----------------------|-----------------------|--------------|-----------------|--------------|-----------------|-----------------|------------------------|
| | | | Annual Rates | Revenue | Annual Rates | Revenue | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Private Fire | | | | | | | |
| 4 | Service: | | | | | | | |
| 5 | | | | | | | | |
| 6 | Private Fire Hydrant | 3 | 555.00 | \$1,665 | 926.52 | \$2,780 | \$1,115 | 66.97% |
| 7 | | | | | | | | |
| 8 | 2" | 1 | 79.56 | 80 | 132.84 | 133 | 53 | 66.25% |
| 9 | | | | | | | | |
| 10 | 3" | 0 | 136.68 | 0 | 228.12 | 0 | 0 | 0.00% |
| 11 | | | | | | | | |
| 12 | 4" | 12 | 216.84 | 2,602 | 362.04 | 4,344 | 1,742 | 66.95% |
| 13 | | | | | | | | |
| 14 | 6" | 22 | 444.72 | 9,784 | 742.44 | 16,334 | 6,550 | 66.95% |
| 15 | | | | | | | | |
| 16 | 8" | 11 | 765.24 | 8,418 | 1,277.40 | 14,051 | 5,633 | 66.92% |
| 17 | | | | | | | | |
| 18 | 10" | 13 | 1,176.24 | 15,291 | 1,963.56 | 25,526 | 10,235 | 66.93% |
| 19 | | | | | | | | |
| 20 | 12" | 1 | 1,677.12 | 1,677 | 2,799.72 | 2,800 | 1,123 | 66.96% |
| 21 | | | | | | | | |
| 22 | Total Billed | <u>63</u> | | <u>\$39,517</u> | | <u>\$65,968</u> | <u>\$26,451</u> | <u>66.94%</u> |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

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Schedule JMW-1D
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| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dollar Change | Total Revenue % Change | | |
|----------|---|-------------------------|-------------------------|--------------|--------------------|--------------------------|-----------------|---------------|--------------------|------------------------|------------------|--------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | | | Total Revenue | % Revenue To Total |
| 1 | Residential: | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 46,046.0 | | \$5.94 | \$273,513 | 25.08% | | \$7.08 | \$326,006 | 19.45% | \$52,493 | 19.19% |
| 4 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 5 | 1" Monthly | 759.0 | | 10.77 | 8,174 | 0.75% | | 12.96 | 9,837 | 0.59% | 1,663 | 20.34% |
| 6 | 1 1/2" Mthly | 425.5 | | 18.73 | 7,970 | 0.73% | | 22.44 | 9,548 | 0.57% | 1,578 | 19.80% |
| 7 | 2" Monthly | 81.0 | | 28.28 | 2,291 | 0.21% | | 33.96 | 2,751 | 0.16% | 460 | 20.08% |
| 8 | 3" Monthly | 12.0 | | 50.54 | 606 | 0.06% | | 60.60 | 727 | 0.04% | 121 | 19.97% |
| 9 | 4" Monthly | 12.0 | | 82.34 | 988 | 0.09% | | 98.76 | 1,185 | 0.07% | 197 | 19.94% |
| 10 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 378,765 | 1.9548 | 740,410 | 67.88% | 378,765 | 3.2633 | 1,236,024 | 73.74% | 495,614 | 66.94% |
| 21 | Second Block | | 32,208 | 1.0951 | 35,271 | 3.23% | 32,208 | 1.8280 | 58,876 | 3.51% | 23,605 | 66.92% |
| 22 | Third Block | | 3,744 | 0.8451 | 3,164 | 0.29% | 3,744 | 1.4107 | 5,282 | 0.32% | 2,118 | 66.94% |
| 23 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 24 | FAL's and Credits | | (13,360) | | (13,677) | -1.25% | (13,360) | | (21,047) | -1.26% | (7,370) | 53.89% |
| 25 | Reconcile to Books | | 7 | | 91 | 0.01% | 7 | | 140 | 0.01% | 49 | 53.85% |
| 26 | Per Bill Analysis | | <u>401,364</u> | | <u>\$1,058,801</u> | <u>97.08%</u> | <u>401,364</u> | | <u>\$1,629,329</u> | <u>97.20%</u> | <u>\$570,528</u> | <u>53.88%</u> |
| 27 | | | | | | | | | | | | |
| 28 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 29 | First Block | | 9,011 | 1.9548 | 17,615 | 1.61% | 9,011 | 3.2633 | 29,406 | 1.75% | 11,791 | 66.94% |
| 30 | Second Block | | 767 | 1.0951 | 840 | 0.08% | 767 | 1.8280 | 1,402 | 0.08% | 562 | 66.90% |
| 31 | Third Block | | 88 | 0.8451 | 74 | 0.01% | 88 | 1.4107 | 124 | 0.01% | 50 | 67.57% |
| 32 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 33 | | | | | | | | | | | | |
| 34 | 5/8" Monthly | 2,106 | | 5.94 | 12,510 | 1.15% | | 7.08 | 14,910 | 0.89% | 2,400 | 19.18% |
| 35 | 3/4" Monthly | 0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 36 | 1" Monthly | 35 | | 10.77 | 377 | 0.03% | | | | | | |

**Test Year at Present Rates vs. Proposed Rates
Platte County District Summary**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1D
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| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | Dollar Change | Total Revenue % Change |
|----------|--|-------------------------|-------------------------|--------------|---------------|--------------------|--------------------------|---------------|---------------|--------------------|---------------|------------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | Total Revenue | % Revenue To Total | | |
| 1 | Commercial | | | | | | | | | | | |
| 2 | Minimum Charge | | | | | | | | | | | |
| 3 | 5/8" Monthly | 2,504.5 | | \$5.94 | \$14,877 | 7.19% | | \$7.08 | \$17,732 | 5.44% | \$2,855 | 19.19% |
| 4 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 5 | 1" Monthly | 457.5 | | 10.77 | 4,927 | 2.38% | | 12.96 | 5,929 | 1.82% | 1,002 | 20.34% |
| 6 | 1 1/2" Mthly | 156.5 | | 18.73 | 2,931 | 1.42% | | 22.44 | 3,512 | 1.08% | 581 | 19.82% |
| 7 | 2" Monthly | 337.0 | | 28.28 | 9,530 | 4.61% | | 33.96 | 11,445 | 3.51% | 1,915 | 20.09% |
| 8 | 3" Monthly | 72.0 | | 50.54 | 3,639 | 1.76% | | 60.60 | 4,363 | 1.34% | 724 | 19.90% |
| 9 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 10 | 6" Monthly | 12.0 | | 161.85 | 1,942 | 0.94% | | 194.28 | 2,331 | 0.71% | 389 | 20.03% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 61,550 | 1.9548 | 120,318 | 58.16% | 61,550 | 3.2633 | 200,856 | 61.58% | 80,538 | 66.94% |
| 21 | Second Block | | 45,968 | 1.0951 | 50,340 | 24.34% | 45,968 | 1.8280 | 84,030 | 25.77% | 33,690 | 66.92% |
| 22 | Third Block | | 1,555 | 0.8451 | 1,314 | 0.64% | 1,555 | 1.4107 | 2,194 | 0.67% | 880 | 66.97% |
| 23 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 24 | FAL's and Credits | | (17) | | 1,187 | 0.57% | (17) | | 1,880 | 0.58% | 693 | 58.38% |
| 25 | Reconcile to Books | | 7 | | 14 | 0.01% | 7 | | 22 | 0.01% | 8 | 57.14% |
| 26 | Per Bill Analysis | | 109,063 | | \$211,019 | 102.02% | 109,063 | | \$334,294 | 102.51% | \$123,275 | 58.42% |
| 27 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 28 | First Block | | (2,380) | 1.9548 | (4,652) | -2.25% | (2,380) | 3.2633 | (7,767) | -2.38% | (3,115) | 66.96% |
| 29 | Second Block | | (1,777) | 1.0951 | (1,946) | -0.94% | (1,777) | 1.8280 | (3,248) | -1.00% | (1,302) | 66.91% |
| 30 | Third Block | | (60) | 0.8451 | (51) | -0.02% | (60) | 1.4107 | (85) | -0.03% | (34) | 66.67% |
| 31 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 32 | 5/8" Monthly | 209 | | 5.94 | 1,241 | 0.60% | | 7.08 | 1,480 | 0.45% | 239 | 19.26% |
| 33 | 3/4" Monthly | 0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 34 | 1" Monthly | 38 | | 10.77 | 409 | 0.20% | | 12.96 | 492 | 0.15% | 83 | 20.29% |
| 35 | 1 1/2" Mthly | 10 | | 18.73 | 187 | 0.09% | | 22.44 | 224 | 0.07% | 37 | 19.79% |
| 36 | 2" Monthly | 18 | | 28.28 | 509 | 0.25% | | 33.96 | 611 | 0.19% | 102 | 20.04% |
| 37 | 3" Monthly | 2 | | 50.54 | 101 | 0.05% | | 60.60 | 121 | 0.04% | 20 | 19.80% |
| 38 | 4" Monthly | 0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 39 | 6" Monthly | 0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 40 | Total | | 104,846 | | \$206,817 | 100.00% | 104,846 | | \$326,122 | 100.00% | \$119,305 | 57.69% |

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**Test Year at Present Rates vs. Proposed Rates
Platte County District Summary**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
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| Line No. | Connection Size | Number of Connections | Present | | Proposed | | Dollar Change | Total Revenue % Change |
|----------|----------------------|-----------------------|--------------|-----------------|--------------|-----------------|-----------------|------------------------|
| | | | Annual Rates | Revenue | Annual Rates | Revenue | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Private Fire | | | | | | | |
| 4 | Service: | | | | | | | |
| 5 | | | | | | | | |
| 6 | Private Fire Hydrant | 24 | 555.00 | \$13,320 | 926.52 | \$22,236 | \$8,916 | 66.94% |
| 7 | | | | | | | | |
| 8 | 2" | 1 | 79.56 | 80 | 132.84 | 133 | 53 | 66.25% |
| 9 | | | | | | | | |
| 10 | 3" | 0 | 136.68 | 0 | 228.12 | 0 | 0 | 0.00% |
| 11 | | | | | | | | |
| 12 | 4" | 3 | 216.84 | 651 | 362.04 | 1,086 | 435 | 66.82% |
| 13 | | | | | | | | |
| 14 | 6" | 20 | 444.72 | 8,894 | 742.44 | 14,849 | 5,955 | 66.96% |
| 15 | | | | | | | | |
| 16 | 8" | 9 | 765.24 | 6,887 | 1,277.40 | 11,497 | 4,610 | 66.94% |
| 17 | | | | | | | | |
| 18 | 10" | 3 | 1,176.24 | 3,529 | 1,963.56 | 5,891 | 2,362 | 66.93% |
| 19 | | | | | | | | |
| 20 | 12" | 0 | 1,677.12 | 0 | 2,799.72 | 0 | 0 | 0.00% |
| 21 | | | | | | | | |
| 22 | Total Billed | <u>60</u> | | <u>\$33,361</u> | | <u>\$55,692</u> | <u>\$22,331</u> | <u>66.94%</u> |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
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| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
| 38 | | | | | | | | |
| 39 | | | | | | | | |
| 40 | | | | | | | | |

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**Test Year at Present Rates vs. Proposed Rates
St. Charles District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1E
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| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dollar Change | Total Revenue % Change | | |
|----------|--|-------------------------|-------------------------|--------------|---------------|--------------------------|-----------------|---------------|---------------|------------------------|---------------|--------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | | | Total Revenue | % Revenue To Total |
| 1 | Residential: | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 284,795.5 | | \$5.94 | \$1,691,685 | 25.07% | | \$7.08 | \$2,016,352 | 19.42% | \$324,667 | 19.19% |
| 4 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 5 | 1" Monthly | 5,858.5 | | 10.77 | 63,096 | 0.94% | | 12.96 | 75,926 | 0.73% | 12,830 | 20.33% |
| 6 | 1 1/2" Mthly | 127.0 | | 18.73 | 2,379 | 0.04% | | 22.44 | 2,850 | 0.03% | 471 | 19.80% |
| 7 | 2" Monthly | 28.5 | | 28.28 | 806 | 0.01% | | 33.96 | 968 | 0.01% | 162 | 20.10% |
| 8 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 | 0.00% |
| 9 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 10 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 2,275,248 | 1.9548 | 4,447,655 | 65.91% | 2,275,248 | 3.2633 | 7,424,817 | 71.53% | 2,977,162 | 66.94% |
| 21 | Second Block | | 11,400 | 1.0951 | 12,484 | 0.19% | 11,400 | 1.8280 | 20,839 | 0.20% | 8,355 | 66.93% |
| 22 | Third Block | | 6,000 | 0.8451 | 5,071 | 0.08% | 6,000 | 1.4107 | 8,464 | 0.08% | 3,393 | 66.91% |
| 23 | Fourth Block | | 10,000 | 0.5691 | 5,691 | 0.08% | 10,000 | 0.9500 | 9,500 | 0.09% | 3,809 | 66.93% |
| 24 | FAL's and Credits | | (26,309) | | (21,031) | -0.31% | (26,309) | | (32,277) | -0.31% | (11,246) | 53.47% |
| 25 | Reconcile to Books | | 13 | | 797 | 0.01% | 13 | | 1,223 | 0.01% | 426 | 53.45% |
| 26 | Per Bill Analysis | | 2,276,352 | | \$6,208,633 | 92.02% | 2,276,352 | | \$9,528,662 | 91.79% | \$3,320,029 | 53.47% |
| 27 | | | | | | | | | | | | |
| 28 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 29 | First Block | | 225,252 | 1.9548 | 440,323 | 6.53% | 225,252 | 3.2633 | 735,065 | 7.08% | 294,742 | 66.94% |
| 30 | Second Block | | 1,140 | 1.0951 | 1,248 | 0.02% | 1,140 | 1.8280 | 2,084 | 0.02% | 836 | 66.99% |
| 31 | Third Block | | 593 | 0.8451 | 501 | 0.01% | 593 | 1.4107 | 837 | 0.01% | 336 | 67.07% |
| 32 | Fourth Block | | 980 | 0.5691 | 558 | 0.01% | 980 | 0.9500 | 931 | 0.01% | 373 | 66.85% |
| 33 | | | | | | | | | | | | |
| 34 | 5/8" Monthly | 15,442 | | 5.94 | 91,725 | 1.36% | | 7.08 | 109,329 | 1.05% | 17,604 | 19.19% |
| 35 | 3/4" Monthly | 0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 36 | 1" Monthly | 317 | | 10.77 | 3,414 | 0.05% | | 12.96 | 4,108 | 0.04% | 694 | 20.33% |
| 37 | 1 1/2" Mthly | 6 | | 18.73 | 112 | 0.00% | | 22.44 | 135 | 0.00% | 23 | 20.54% |
| 38 | 2" Monthly | 2 | | 28.28 | 57 | 0.00% | | 33.96 | 68 | 0.00% | 11 | 19.30% |
| 39 | Total | | 2,504,317 | | \$6,746,571 | 100.00% | 2,504,317 | | \$10,381,219 | 100.00% | \$3,634,648 | 53.87% |
| 40 | | | | | | | | | | | | |

**Test Year at Present Rates vs. Proposed Rates
St. Charles District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1E
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| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dollar Change | Total Revenue % Change | | |
|----------|--|-------------------------|-------------------------|--------------|---------------|--------------------------|-----------------|---------------|---------------|------------------------|---------------|--------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | | | Total Revenue | % Revenue To Total |
| 1 | Commercial | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 3,787.5 | | \$5.94 | \$22,498 | 2.74% | | \$7.08 | \$26,816 | 2.06% | \$4,318 | 19.19% |
| 4 | 3/4" Monthly | 12.0 | | 7.60 | 91 | 0.01% | | 9.12 | 109 | 0.01% | 18 | 19.78% |
| 5 | 1" Monthly | 2,057.5 | | 10.77 | 22,159 | 2.70% | | 12.96 | 26,665 | 2.05% | 4,506 | 20.33% |
| 6 | 1 1/2" Mthly | 2,021.0 | | 18.73 | 37,853 | 4.62% | | 22.44 | 45,351 | 3.49% | 7,498 | 19.81% |
| 7 | 2" Monthly | 1,291.5 | | 28.28 | 36,524 | 4.46% | | 33.96 | 43,859 | 3.37% | 7,335 | 20.08% |
| 8 | 3" Monthly | 72.0 | | 50.54 | 3,639 | 0.44% | | 60.60 | 4,363 | 0.34% | 724 | 19.90% |
| 9 | 4" Monthly | 77.0 | | 82.34 | 6,340 | 0.77% | | 98.76 | 7,605 | 0.58% | 1,265 | 19.95% |
| 10 | 6" Monthly | 60.0 | | 161.85 | 9,711 | 1.18% | | 194.28 | 11,657 | 0.90% | 1,946 | 20.04% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 264,927 | 1.9548 | 517,879 | 63.21% | 264,927 | 3.2633 | 864,536 | 66.50% | 346,657 | 66.94% |
| 21 | Second Block | | 108,675 | 1.0951 | 119,010 | 14.52% | 108,675 | 1.8280 | 198,658 | 15.27% | 79,648 | 66.93% |
| 22 | Third Block | | 4,172 | 0.8451 | 3,526 | 0.43% | 4,172 | 1.4107 | 5,885 | 0.45% | 2,359 | 66.90% |
| 23 | Fourth Block | | 984 | 0.5691 | 560 | 0.07% | 984 | 0.9500 | 935 | 0.07% | 375 | 66.96% |
| 24 | FAL's and Credits | | (8,240) | | (8,672) | -1.06% | (8,240) | | (13,750) | -1.06% | (5,078) | 58.56% |
| 25 | Reconcile to Books | | 9 | | (78) | -0.01% | 9 | | (124) | -0.01% | (46) | 58.97% |
| 26 | Per Bill Analysis | | 370,527 | | \$771,040 | 94.08% | 370,527 | | \$1,222,565 | 94.02% | \$451,525 | 58.56% |
| 27 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 28 | First Block | | 17,231 | 1.9548 | 33,683 | 4.11% | 17,231 | 3.2633 | 56,230 | 4.32% | 22,547 | 66.94% |
| 29 | Second Block | | 7,067 | 1.0951 | 7,739 | 0.94% | 7,067 | 1.8280 | 12,918 | 0.99% | 5,179 | 66.92% |
| 30 | Third Block | | 271 | 0.8451 | 229 | 0.03% | 271 | 1.4107 | 382 | 0.03% | 153 | 66.81% |
| 31 | Fourth Block | | 64 | 0.5691 | 36 | 0.00% | 64 | 0.9500 | 61 | 0.00% | 25 | 69.44% |
| 32 | 5/8" Monthly | 211 | | 5.94 | 1,253 | 0.15% | | 7.08 | 1,494 | 0.11% | 241 | 19.23% |
| 33 | 3/4" Monthly | 1 | | 7.60 | 8 | 0.00% | | 9.12 | 9 | 0.00% | 1 | 12.50% |
| 34 | 1" Monthly | 114 | | 10.77 | 1,228 | 0.15% | | 12.96 | 1,477 | 0.11% | 249 | 20.28% |
| 35 | 1 1/2" Mthly | 111 | | 18.73 | 2,079 | 0.25% | | 22.44 | 2,491 | 0.19% | 412 | 19.82% |
| 36 | 2" Monthly | 68 | | 28.28 | 1,923 | 0.23% | | 33.96 | 2,309 | 0.18% | 386 | 20.07% |
| 37 | 3" Monthly | 2 | | 50.54 | 101 | 0.01% | | 60.60 | 121 | 0.01% | 20 | 19.80% |
| 38 | 4" Monthly | 1 | | 82.34 | 82 | 0.01% | | 98.76 | 99 | 0.01% | 17 | 20.73% |
| 39 | 6" Monthly | 2 | | 161.85 | 324 | 0.04% | | 194.28 | 389 | 0.03% | 65 | 20.06% |
| 40 | Total | | 395,160 | | \$819,725 | 100.00% | 395,160 | | \$1,300,545 | 100.00% | \$480,820 | 58.66% |

Test Year at Present Rates vs. Proposed Rates
St. Charles District

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

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Test Year at Present Rates vs. Proposed Rates
St. Charles District

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

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Test Year at Present Rates vs. Proposed Rates
St. Charles District

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

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**Test Year at Present Rates vs. Proposed Rates
St. Charles District**

**Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts**

**Case No. WR-2000-281
Schedule JMW-1E
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| Line No. | Connection Size | Number of Connections | Present | | Proposed | | Dollar Change | Total Revenue % Change |
|----------|----------------------|-----------------------|--------------|-----------------|--------------|-----------------|-----------------|------------------------|
| | | | Annual Rates | Revenue | Annual Rates | Revenue | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Private Fire | | | | | | | |
| 4 | Service: | | | | | | | |
| 5 | | | | | | | | |
| 6 | Private Fire Hydrant | 10 | 555.00 | \$5,550 | 926.52 | \$9,265 | \$3,715 | 66.94% |
| 7 | | | | | | | | |
| 8 | 2" | 1 | 79.56 | 80 | 132.84 | 133 | 53 | 66.25% |
| 9 | | | | | | | | |
| 10 | 3" | 0 | 136.68 | 0 | 228.12 | 0 | 0 | 0.00% |
| 11 | | | | | | | | |
| 12 | 4" | 14 | 216.84 | 3,036 | 362.04 | 5,069 | 2,033 | 66.96% |
| 13 | | | | | | | | |
| 14 | 6" | 42 | 444.72 | 18,678 | 742.44 | 31,182 | 12,504 | 66.95% |
| 15 | | | | | | | | |
| 16 | 8" | 30 | 765.24 | 22,957 | 1,277.40 | 38,322 | 15,365 | 66.93% |
| 17 | | | | | | | | |
| 18 | 10" | 4 | 1,176.24 | 4,705 | 1,963.56 | 7,854 | 3,149 | 66.93% |
| 19 | | | | | | | | |
| 20 | 12" | 0 | 1,677.12 | 0 | 2,799.72 | 0 | 0 | 0.00% |
| 21 | | | | | | | | |
| 22 | Total Billed | <u>101</u> | | <u>\$55,006</u> | | <u>\$91,825</u> | <u>\$36,819</u> | <u>66.94%</u> |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
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| 40 | | | | | | | | |

Test Year at Present Rates vs. Proposed Rates
St. Joseph District Summary

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1F
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| Line No. | Class/Description | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dollar Change | Total Revenue % Change |
|----------|---------------------------|-------------------------|---------------|--------------------|--------------------------|---------------|--------------------|---------------|------------------------|
| | | Sales (000 Gal) | Total Revenue | % Revenue To Total | Sales (000 Gal) | Total Revenue | % Revenue To Total | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | Monthly Billing: | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | Residential | 1,848,873 | \$5,645,813 | 56.32% | 1,848,873 | \$8,464,556 | 54.85% | \$2,818,743 | 49.93% |
| 6 | Commercial | 948,399 | 1,850,971 | 18.47% | 948,399 | 2,929,917 | 18.99% | 1,078,946 | 58.29% |
| 7 | Industrial | 1,332,691 | 1,226,660 | 12.24% | 1,332,691 | 2,024,330 | 13.12% | 797,670 | 65.03% |
| 8 | Other Public Authority | 169,407 | 279,760 | 2.79% | 169,407 | 445,538 | 2.89% | 165,778 | 59.26% |
| 9 | Other Water Utilities | 754,345 | 647,466 | 6.46% | 754,345 | 1,072,559 | 6.95% | 425,093 | 65.65% |
| 10 | Miscellaneous | 2,043 | 9,639 | 0.10% | 2,043 | 9,639 | 0.06% | 0 | 0.00% |
| 11 | Private Fire | 0 | 181,203 | 1.81% | 0 | 302,497 | 1.96% | 121,294 | 66.94% |
| 12 | | | | | | | | | |
| 13 | Total | 5,055,758 | \$9,841,512 | 98.19% | 5,055,758 | \$15,249,036 | 98.82% | \$5,407,524 | 54.95% |
| 14 | | | | | | | | | |
| 15 | Miscellaneous Revenues* | | | | | | | | |
| 16 | Reconnect Charges | | 74,139 | 0.74% | | 74,139 | 0.48% | 0 | 0.00% |
| 17 | Returned Check Charge | | 5,800 | 0.06% | | 5,800 | 0.04% | 0 | 0.00% |
| 18 | Application Fee | | 96,300 | 0.96% | | 96,300 | 0.62% | 0 | 0.00% |
| 19 | Miscellaneous Other Rev | | 4,247 | 0.04% | | 4,247 | 0.03% | 0 | 0.00% |
| 20 | Rents From Water Property | | 1,003 | 0.01% | | 1,003 | 0.01% | 0 | 0.00% |
| 21 | | | | | | | | | |
| 22 | | | \$10,023,001 | 100.00% | | \$15,430,525 | 100.00% | \$5,407,524 | 53.95% |

* Includes Corporate Miscellaneous Revenues of \$3,570

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

| Line No. | Class/ Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dolar Change | Total Revenue % Change | | |
|----------|--|-------------------------------|-------------------------|----------------------------------|-----------------------|--|------------------|------------------|-----------------|------------------------------|-----------------------|--------|
| | | | Sales (000 Gal) | Total Current Rate Revenue | % Revenue To Total | Sales (000 Gal) Monthly Customers | Proposed Rate | Total Revenue | | | % Revenue To Total | |
| 1 | Residential: | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 213.5 | \$5.94 | \$1,268 | 0.02% | 306,518.0 | \$7.08 | \$2,170,147 | 25.64% | \$349,430 | 19.19% | |
| 4 | 3/4" Monthly | 0.0 | 7.60 | 0 | 0.00% | 6,877.5 | 9.12 | 62,723 | 0.74% | 10,454 | 20.00% | |
| 5 | 1" Monthly | 12.0 | 10.77 | 129 | 0.00% | 4,711.5 | 12.96 | 61,061 | 0.72% | 10,318 | 20.33% | |
| 6 | 1 1/2" Mthly | 0.0 | 18.73 | 0 | 0.00% | 60.0 | 22.44 | 1,346 | 0.02% | 222 | 19.75% | |
| 7 | 2" Monthly | 0.0 | 28.28 | 0 | 0.00% | 144.0 | 33.96 | 4,890 | 0.06% | 818 | 20.09% | |
| 8 | 3" Monthly | 0.0 | 50.54 | 0 | 0.00% | 12.0 | 60.60 | 727 | 0.01% | 121 | 19.97% | |
| 9 | 4" Monthly | 0.0 | 82.34 | 0 | 0.00% | 0.0 | 98.76 | 0 | 0.00% | 0 | 0.00% | |
| 10 | 6" Monthly | 0.0 | 161.85 | 0 | 0.00% | 0.0 | 194.28 | 0 | 0.00% | 0 | 0.00% | |
| 11 | 8" Monthly | 0.0 | 257.26 | 0 | 0.00% | 0.0 | 308.76 | 0 | 0.00% | 0 | 0.00% | |
| 12 | 5/8" Qtrly | 102,101.5 | 17.82 | 1,819,449 | 32.23% | N/A | 0 | 0 | 0.00% | N/A | N/A | |
| 13 | 3/4" Qtrly | 2,292.5 | 22.80 | 52,269 | 0.93% | N/A | 0 | 0 | 0.00% | N/A | N/A | |
| 14 | 1" Quarterly | 1,566.5 | 32.31 | 50,614 | 0.90% | N/A | 0 | 0 | 0.00% | N/A | N/A | |
| 15 | 1 1/2" Qtrly | 20.0 | 56.19 | 1,124 | 0.02% | N/A | 0 | 0 | 0.00% | N/A | N/A | |
| 16 | 2" Quarterly | 48.0 | 84.84 | 4,072 | 0.07% | N/A | 0 | 0 | 0.00% | N/A | N/A | |
| 17 | 3" Quarterly | 4.0 | 151.62 | 606 | 0.01% | N/A | 0 | 0 | 0.00% | N/A | N/A | |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 1,751,164 | 1.9548 | 3,423,175 | 60.63% | 1,751,164 | 3.2633 | 5,714,573 | 67.51% | 2,291,398 | 66.94% |
| 21 | Second Block | | 4,004 | 1.0951 | 4,385 | 0.08% | 4,004 | 1.8280 | 7,319 | 0.09% | 2,934 | 66.91% |
| 22 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 23 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 24 | FAL's and Credits | | 11,220 | | 69,029 | 1.22% | 11,220 | | 103,378 | 1.22% | 34,349 | 49.76% |
| 25 | Reconcile to Books | | 9 | | (1,305) | -0.02% | 9 | | (1,954) | -0.02% | (649) | 49.73% |
| 26 | Per Bill Analysis | | 1,766,397 | | \$5,424,815 | 96.09% | 1,766,397 | | \$8,124,210 | 95.99% | \$2,699,395 | 49.76% |
| 27 | | | | | | | | | | | | |
| 28 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 29 | First Block | | 82,286 | 1.9548 | 160,853 | 2.85% | 82,286 | 3.2633 | 268,524 | 3.17% | 107,671 | 66.94% |
| 30 | Second Block | | 190 | 1.0951 | 208 | 0.00% | 190 | 1.8280 | 347 | 0.00% | 139 | 66.83% |
| 31 | Third Block | | 0 | 0.8451 | 0 | 0.00% | 0 | 1.4107 | 0 | 0.00% | 0 | 0.00% |
| 32 | Fourth Block | | 0 | 0.5691 | 0 | 0.00% | 0 | 0.9500 | 0 | 0.00% | 0 | 0.00% |
| 33 | | | | | | | | | | | | |
| 34 | 5/8" Monthly | 9,522 | 5.94 | 56,561 | 1.00% | | 7.08 | 67,416 | 0.80% | 10,855 | 19.19% | |
| 35 | 3/4" Monthly | 214 | 7.60 | 1,626 | 0.03% | | 9.12 | 1,952 | 0.02% | 326 | 20.05% | |
| 36 | 1" Monthly | 146 | 10.77 | 1,572 | 0.03% | | 12.96 | 1,892 | 0.02% | 320 | 20.36% | |
| 37 | 1 1/2" Mthly | 2 | 18.73 | 37 | 0.00% | | 22.44 | 45 | 0.00% | 8 | 21.62% | |
| 38 | 2" Monthly | 5 | 28.28 | 141 | 0.00% | | 33.96 | 170 | 0.00% | 29 | 20.57% | |
| 39 | Total | | 1 | | | | | | | | | |

**Test Year at Present Rates vs. Proposed Rates
St. Joseph District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
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| | | Customer | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | | Total |
|------|--|----------|-------------------------|--------------|-------------|-----------|--------------------------|----------|-------------|-----------|-------------|----------|
| Line | Class/ | Meter | Sales | | Total | % Revenue | Sales | Proposed | Total | % Revenue | Dollar | Total |
| No. | Description | Billings | (000 Gal) | Current Rate | Revenue | To Total | (000 Gal) | Rate | Revenue | To Total | Change | % Change |
| 1 | Commercial | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | Monthly Customers | | | | | |
| 3 | 5/8" Monthly | 475.5 | | \$5.94 | \$2,824 | 0.15% | 28,266.0 | \$7.08 | \$200,123 | 6.83% | \$32,223 | 19.19% |
| 4 | 3/4" Monthly | 162.5 | | 7.60 | 1,235 | 0.07% | 1,776.5 | 9.12 | 16,202 | 0.55% | 2,701 | 20.01% |
| 5 | 1" Monthly | 574.0 | | 10.77 | 6,182 | 0.33% | 3,800.5 | 12.96 | 49,254 | 1.68% | 8,323 | 20.33% |
| 6 | 1 1/2" Mthly | 649.0 | | 18.73 | 12,156 | 0.66% | 1,046.5 | 22.44 | 23,483 | 0.80% | 3,882 | 19.81% |
| 7 | 2" Monthly | 1,985.0 | | 28.28 | 56,136 | 3.03% | 2,495.0 | 33.96 | 84,730 | 2.89% | 14,171 | 20.08% |
| 8 | 3" Monthly | 48.0 | | 50.54 | 2,426 | 0.13% | 48.0 | 60.60 | 2,909 | 0.10% | 483 | 19.91% |
| 9 | 4" Monthly | 87.5 | | 82.34 | 7,205 | 0.39% | 87.5 | 98.76 | 8,642 | 0.29% | 1,437 | 19.94% |
| 10 | 6" Monthly | 8.5 | | 161.85 | 1,376 | 0.07% | 8.5 | 194.28 | 1,651 | 0.06% | 275 | 19.99% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | 0.0 | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | 5/8" Qtrly | 9,263.5 | | 17.82 | 165,076 | 8.92% | | N/A | 0 | 0.00% | N/A | N/A |
| 13 | 3/4" Qtrly | 538.0 | | 22.80 | 12,266 | 0.66% | | N/A | 0 | 0.00% | N/A | N/A |
| 14 | 1" Quarterly | 1,075.5 | | 32.31 | 34,749 | 1.88% | | N/A | 0 | 0.00% | N/A | N/A |
| 15 | 1 1/2" Qtrly | 132.5 | | 56.19 | 7,445 | 0.40% | | N/A | 0 | 0.00% | N/A | N/A |
| 16 | 2" Quarterly | 170.0 | | 84.84 | 14,423 | 0.78% | | N/A | 0 | 0.00% | N/A | N/A |
| 17 | 3" Quarterly | 0.0 | | 151.62 | 0 | 0.00% | | N/A | 0 | 0.00% | N/A | N/A |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 559,818 | 1.9548 | 1,094,332 | 59.12% | 559,818 | 3.2633 | 1,826,854 | 62.35% | 732,522 | 66.94% |
| 21 | Second Block | | 346,938 | 1.0951 | 379,932 | 20.53% | 346,938 | 1.8280 | 634,203 | 21.65% | 254,271 | 66.93% |
| 22 | Third Block | | 38,537 | 0.8451 | 32,568 | 1.76% | 38,537 | 1.4107 | 54,364 | 1.86% | 21,796 | 66.92% |
| 23 | Fourth Block | | 2,609 | 0.5691 | 1,485 | 0.08% | 2,609 | 0.9500 | 2,479 | 0.08% | 994 | 66.94% |
| 24 | FAL's and Credits | | 6,185 | | 18,123 | 0.98% | 6,185 | | 28,739 | 0.98% | 10,616 | 58.58% |
| 25 | Reconcile to Books | | 17 | | (1,684) | -0.09% | 17 | | (2,670) | -0.09% | (986) | 58.55% |
| 26 | Per Bill Analysis | | 954,104 | | \$1,848,255 | 99.85% | 954,104 | | \$2,930,963 | 100.03% | \$1,082,708 | 58.58% |
| 27 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 28 | First Block | | (3,369) | 1.9548 | (6,586) | -0.36% | (3,369) | 3.2633 | (10,994) | -0.38% | (4,406) | 66.93% |
| 29 | Second Block | | (2,088) | 1.0951 | (2,287) | -0.12% | (2,088) | 1.8280 | (3,817) | -0.13% | (1,530) | 66.90% |
| 30 | Third Block | | (232) | 0.8451 | (196) | -0.01% | (232) | 1.4107 | (327) | -0.01% | (131) | 66.84% |
| 31 | Fourth Block | | (16) | 0.5691 | (9) | 0.00% | (16) | 0.9500 | (15) | 0.00% | (6) | 66.67% |
| 32 | 5/8" Monthly | 1,097 | | 5.94 | 6,516 | 0.35% | | 7.08 | 7,767 | 0.27% | 1,251 | 19.20% |
| 33 | 3/4" Monthly | 69 | | 7.60 | 524 | 0.03% | | 9.12 | 629 | 0.02% | 105 | 20.04% |
| 34 | 1" Monthly | 147 | | 10.77 | 1,583 | 0.09% | | 12.96 | 1,905 | 0.07% | 322 | 20.34% |
| 35 | 1 1/2" Mthly | 40 | | 18.73 | 749 | 0.04% | | 22.44 | 898 | 0.03% | 149 | 19.89% |
| 36 | 2" Monthly | 78 | | 28.28 | 2,206 | 0.12% | | 33.96 | 2,649 | 0.09% | 443 | 20.08% |
| 37 | 3" Monthly | 1 | | 50.54 | 51 | 0.00% | | 60.60 | 61 | 0.00% | 10 | 19.61% |
| 38 | 4" Monthly | 2 | | 82.34 | 165 | 0.01% | | 98.76 | 198 | 0.01% | 33 | 20.00% |
| 39 | 6" Monthly | 0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 40 | Total | | 948,399 | | \$1,850,971 | 100.00% | 948,399 | | \$2,929,917 | 100.00% | \$1,078,946 | 58.29% |

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dolar Change | Total Revenue % Change | | |
|----------|---|-------------------------|-------------------------|--------------|--------------------|--------------------------|-----------------------------------|---------------|--------------------|------------------------|------------------|--------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) Monthly Customers | Proposed Rate | | | Total Revenue | % Revenue To Total |
| 1 | Industrial | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 12.0 | | \$5.94 | \$71 | 0.01% | 100.5 | \$7.06 | \$712 | 0.04% | \$115 | 19.26% |
| 4 | 3/4" Monthly | 12.0 | | 7.60 | 91 | 0.01% | 48.0 | 9.12 | 438 | 0.02% | 73 | 20.00% |
| 5 | 1" Monthly | 204.0 | | 10.77 | 2,197 | 0.18% | 288.0 | 12.96 | 3,732 | 0.18% | 630 | 20.31% |
| 6 | 1 1/2" Mthly | 60.0 | | 18.73 | 1,124 | 0.09% | 84.0 | 22.44 | 1,885 | 0.09% | 311 | 19.76% |
| 7 | 2" Monthly | 861.0 | | 28.28 | 24,349 | 1.98% | 897.0 | 33.96 | 30,462 | 1.50% | 5,095 | 20.09% |
| 8 | 3" Monthly | 12.0 | | 50.54 | 606 | 0.05% | 12.0 | 60.60 | 727 | 0.04% | 121 | 19.97% |
| 9 | 4" Monthly | 176.0 | | 82.34 | 14,492 | 1.18% | 176.0 | 98.76 | 17,382 | 0.86% | 2,890 | 19.94% |
| 10 | 6" Monthly | 19.0 | | 161.85 | 3,075 | 0.25% | 19.0 | 194.28 | 3,691 | 0.18% | 616 | 20.03% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | 0.0 | 308.76 | 0 | 0.00% | 0 | 0.00% |
| 12 | 5/8" Qtrly | 29.5 | | 17.82 | 526 | 0.04% | | N/A | 0 | 0.00% | N/A | N/A |
| 13 | 3/4" Qtrly | 12.0 | | 22.80 | 274 | 0.02% | | N/A | 0 | 0.00% | N/A | N/A |
| 14 | 1" Quarterly | 28.0 | | 32.31 | 905 | 0.07% | | N/A | 0 | 0.00% | N/A | N/A |
| 15 | 1 1/2" Qtrly | 8.0 | | 56.19 | 450 | 0.04% | | N/A | 0 | 0.00% | N/A | N/A |
| 16 | 2" Quarterly | 12.0 | | 84.84 | 1,018 | 0.08% | | N/A | 0 | 0.00% | N/A | N/A |
| 17 | 3" Quarterly | 0.0 | | 151.62 | 0 | 0.00% | | N/A | 0 | 0.00% | N/A | N/A |
| 18 | Volumetric Charges | | | | | | | | | | | |
| 19 | First Block | | 64,694 | 1.9548 | 126,464 | 10.32% | 64,694 | 3.2633 | 211,116 | 10.44% | 84,652 | 66.94% |
| 20 | Second Block | | 448,616 | 1.0951 | 491,279 | 40.05% | 448,616 | 1.8280 | 820,070 | 40.51% | 328,791 | 66.93% |
| 21 | Third Block | | 315,390 | 0.8451 | 268,536 | 21.73% | 315,390 | 1.4107 | 444,921 | 21.98% | 178,385 | 66.93% |
| 22 | Fourth Block | | 393,782 | 0.5691 | 224,101 | 18.27% | 393,782 | 0.9500 | 374,093 | 18.48% | 149,992 | 66.93% |
| 23 | | | | | | | | | | | | |
| 24 | FAL's and Credits | | (7,798) | | (7,828) | -0.64% | (7,798) | | (12,911) | -0.64% | (5,083) | 64.93% |
| 25 | Reconcile to Books | | 3 | | 1,339 | 0.11% | 3 | | 2,208 | 0.11% | 869 | 64.90% |
| 26 | Per Bill Analysis | | <u>1,214,687</u> | | <u>\$1,151,069</u> | <u>93.84%</u> | <u>1,214,687</u> | | <u>\$1,898,526</u> | <u>93.79%</u> | <u>\$747,457</u> | <u>64.94%</u> |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | Adjustment for change in operation and addition of a customer | | | | | | | | | | | |
| 30 | First Block | | 446 | 1.9548 | 872 | 0.07% | 446 | 3.2633 | 1,455 | 0.07% | 583 | 66.86% |
| 31 | Second Block | | 7,659 | 1.0951 | 8,387 | 0.68% | 7,659 | 1.828 | 14,001 | 0.69% | 5,614 | 66.94% |
| 32 | Third Block | | 10,794 | 0.8451 | 9,122 | 0.74% | 10,794 | 1.4107 | 15,227 | 0.75% | 6,105 | 66.93% |
| 33 | Fourth Block | | 99,105 | 0.5691 | 56,401 | 4.60% | 99,105</ | | | | | |

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**Test Year at Present Rates vs. Proposed Rates
St. Joseph District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
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| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | Dollar Change | Total Revenue % Change | | |
|----------|------------------------|-------------------------|-------------------------|--------------|---------------|--------------------------|-----------------|---------------|---------------|------------------------|---------------|--------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | | | Total Revenue | % Revenue To Total |
| 1 | | | | | | | | | | | | |
| 2 | Other Water Utilities: | | | | | Monthly Customers | | | | | | |
| 3 | Minimum Charge: | | | | | | | | | | | |
| 4 | 5/8" Monthly | 0.0 | | \$5.94 | \$0 | 0.00% | 0.0 | \$7.08 | \$0 | 0.00% | \$0 | 0.00% |
| 5 | 3/4" Monthly | 0.0 | | 7.60 | 0 | 0.00% | 0.0 | 9.12 | 0 | 0.00% | 0 | 0.00% |
| 6 | 1" Monthly | 0.0 | | 10.77 | 0 | 0.00% | 0.0 | 12.96 | 0 | 0.00% | 0 | 0.00% |
| 7 | 1 1/2" Mthly | 0.0 | | 18.73 | 0 | 0.00% | 0.0 | 22.44 | 0 | 0.00% | 0 | 0.00% |
| 8 | 2" Monthly | 156.0 | | 28.28 | 4,412 | 0.68% | 156.0 | 33.96 | 5,298 | 0.49% | 886 | 20.08% |
| 9 | 3" Monthly | 5.0 | | 50.54 | 253 | 0.04% | 5.0 | 60.60 | 303 | 0.03% | 50 | 19.76% |
| 10 | 4" Monthly | 72.0 | | 82.34 | 5,928 | 0.92% | 72.0 | 98.76 | 7,111 | 0.66% | 1,183 | 19.96% |
| 11 | 6" Monthly | 24.0 | | 161.85 | 3,884 | 0.60% | 24.0 | 194.28 | 4,663 | 0.43% | 779 | 20.06% |
| 12 | 8" Monthly | 12.0 | | 257.26 | 3,087 | 0.48% | 12.0 | 308.76 | 3,705 | 0.35% | 618 | 20.02% |
| 13 | 5/8" Qtrly | 0.0 | | 17.82 | 0 | 0.00% | | N/A | 0 | 0.00% | 0 | N/A |
| 14 | 3/4" Qtrly | 0.0 | | 22.80 | 0 | 0.00% | | N/A | 0 | 0.00% | 0 | N/A |
| 15 | 1" Quarterly | 0.0 | | 32.31 | 0 | 0.00% | | N/A | 0 | 0.00% | 0 | N/A |
| 16 | 1 1/2" Qtrly | 0.0 | | 56.19 | 0 | 0.00% | | N/A | 0 | 0.00% | 0 | N/A |
| 17 | 2" Quarterly | 0.0 | | 84.84 | 0 | 0.00% | | N/A | 0 | 0.00% | 0 | N/A |
| 18 | 3" Quarterly | 0.0 | | 151.62 | 0 | 0.00% | | N/A | 0 | 0.00% | 0 | N/A |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | Volumetric Charges | | | | | | | | | | | |
| 22 | Monthly | | | | | | | | | | | |
| 23 | First Block | | 12,993 | 1.9548 | 25,399 | 3.92% | 12,993 | 3.2633 | 42,400 | 3.96% | 17,001 | 66.94% |
| 24 | Second Block | | 216,653 | 1.0951 | 237,257 | 36.64% | 216,653 | 1.8280 | 396,042 | 36.92% | 158,785 | 66.93% |
| 25 | Third Block | | 248,573 | 0.8451 | 210,069 | 32.44% | 248,573 | 1.4107 | 350,662 | 32.69% | 140,593 | 66.93% |
| 26 | Fourth Block | | 276,125 | 0.5691 | 157,143 | 24.27% | 276,125 | 0.9500 | 262,319 | 24.46% | 105,176 | 66.93% |
| 27 | | | | | | | | | | | | |
| 28 | FAL's and Credits | | 0 | | 0 | 0.00% | 0 | | 0 | 0.00% | 0 | 0.00% |
| 29 | Reconcile to Books | | 1 | | 34 | 0.01% | 1 | | 56 | 0.01% | 22 | 64.71% |
| 30 | Per Bill Analysis | | 754,345 | | \$647,466 | 100.00% | 754,345 | | \$1,072,559 | 100.00% | \$425,093 | 65.65% |

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Test Year at Present Rates vs. Proposed Rates
St. Joseph District

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

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**Test Year at Present Rates vs. Proposed Rates
St. Joseph District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

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| Line No. | Connection Size | Number of Connections | Present | | Proposed | | Dollar Change | Total Revenue % Change |
|----------|----------------------|-----------------------|--------------|-----------|--------------|-----------|---------------|------------------------|
| | | | Annual Rates | Revenue | Annual Rates | Revenue | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Private Fire | | | | | | | |
| 4 | Service: | | | | | | | |
| 5 | | | | | | | | |
| 6 | Private Fire Hydrant | 67 | 555.00 | \$37,185 | 926.52 | \$62,077 | \$24,892 | 66.94% |
| 7 | | | | | | | | |
| 8 | 2" | 3 | 79.56 | 239 | 132.84 | 399 | 160 | 66.95% |
| 9 | | | | | | | | |
| 10 | 3" | 1 | 136.68 | 137 | 228.12 | 228 | 91 | 66.42% |
| 11 | | | | | | | | |
| 12 | 4" | 57 | 216.84 | 12,360 | 362.04 | 20,636 | 8,276 | 66.96% |
| 13 | | | | | | | | |
| 14 | 6" | 108 | 444.72 | 48,030 | 742.44 | 80,184 | 32,154 | 66.95% |
| 15 | | | | | | | | |
| 16 | 8" | 84 | 765.24 | 64,280 | 1,277.40 | 107,302 | 43,022 | 66.93% |
| 17 | | | | | | | | |
| 18 | 10" | 9 | 1,176.24 | 10,586 | 1,963.56 | 17,672 | 7,086 | 66.94% |
| 19 | | | | | | | | |
| 20 | 12" | 5 | 1,677.12 | 8,386 | 2,799.72 | 13,999 | 5,613 | 66.93% |
| 21 | | | | | | | | |
| 22 | Total Billed | 334 | | \$181,203 | | \$302,497 | \$121,294 | 66.94% |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
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Case No. WR-2000-281
Schedule JMW-1G
Page 2 of 8

| Line No. | Class/Description | Customer Meter Billings | Present Pro Forma Rates | | | Proposed Pro Forma Rates | | | | Dollar Change | Total Revenue % Change |
|----------|---|-------------------------|-------------------------|--------------|---------------|--------------------------|-----------------|---------------|---------------|---------------|------------------------|
| | | | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | Total Revenue | | |
| 1 | Residential: | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | |
| 3 | 5/8" Monthly | 60,825.0 | | \$5.94 | \$361,301 | 33.27% | | \$7.08 | \$430,641 | 26.39% | \$69,340 19.19% |
| 4 | 3/4" Monthly | 5.0 | | 7.60 | 38 | 0.00% | | 9.12 | 46 | 0.00% | 8 21.05% |
| 5 | 1" Monthly | 70.0 | | 10.77 | 754 | 0.07% | | 12.96 | 907 | 0.06% | 153 20.29% |
| 6 | 1 1/2" Mthly | 0.0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 0.00% |
| 7 | 2" Monthly | 0.0 | | 28.28 | 0 | 0.00% | | 33.96 | 0 | 0.00% | 0 0.00% |
| 8 | 3" Monthly | 0.0 | | 50.54 | 0 | 0.00% | | 60.60 | 0 | 0.00% | 0 0.00% |
| 9 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 0.00% |
| 10 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 0.00% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.76 | 0 | 0.00% | 0 0.00% |
| 12 | | | | | | 0.00% | | | | 0.00% | |
| 13 | | | | | | 0.00% | | | | 0.00% | |
| 14 | | | | | | 0.00% | | | | 0.00% | |
| 15 | | | | | | 0.00% | | | | 0.00% | |
| 16 | | | | | | 0.00% | | | | 0.00% | |
| 17 | | | | | | 0.00% | | | | 0.00% | |
| 18 | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | |
| 20 | First Block | | 336,162 | 1.9548 | 657,129 | 60.52% | 336,162 | 3.2633 | 1,096,997 | 67.23% | 439,868 66.94% |
| 21 | Second Block | | 2,179 | 1.0951 | 2,386 | 0.22% | 2,179 | 1.8280 | 3,983 | 0.24% | 1,597 66.93% |
| 22 | Third Block | | 3,000 | 0.8451 | 2,535 | 0.23% | 3,000 | 1.4107 | 4,232 | 0.26% | 1,697 66.94% |
| 23 | Fourth Block | | 553 | 0.5691 | 315 | 0.03% | 553 | 0.9500 | 525 | 0.03% | 210 66.67% |
| 24 | FAL's and Credits | | (5,126) | | 898 | 0.08% | (5,126) | | 1,348 | 0.08% | 450 50.11% |
| 25 | Reconcile to Books | | 12 | | (33) | 0.00% | 12 | | (50) | 0.00% | (17) 51.52% |
| 26 | Per Bill Analysis | | 336,780 | | \$1,025,323 | 94.42% | 336,780 | | \$1,538,629 | 94.29% | \$513,306 50.06% |
| 27 | | | | | | | | | | | |
| 28 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | |
| 29 | First Block | | 22,213 | 1.9548 | 43,422 | 4.00% | 22,213 | 3.2633 | 72,488 | 4.44% | 29,066 66.94% |
| 30 | Second Block | | 145 | 1.0951 | 159 | 0.01% | 145 | 1.8280 | 265 | 0.02% | 106 66.67% |
| 31 | Third Block | | 199 | 0.8451 | 168 | 0.02% | 199 | 1.4107 | 281 | 0.02% | 113 67.26% |
| 32 | Fourth Block | | 36 | 0.5691 | 20 | 0.00% | 36 | 0.9500 | 34 | 0.00% | 14 70.00% |
| 33 | | | | | | | | | | | |
| 34 | 5/8" Monthly | 2,841 | | 5.94 | 16,876 | 1.55% | | 7.08 | 20,114 | 1.23% | 3,238 19.19% |
| 35 | 3/4" Monthly | 0 | | 7.60 | 0 | 0.00% | | 9.12 | 0 | 0.00% | 0 0.00% |
| 36 | 1" Monthly | 3 | | 10.77 | 32 | 0.00% | | 12.96 | 39 | 0.00% | 7 21.88% |
| 37 | 1 1/2" Mthly | 0 | | 18.73 | 0 | 0.00% | | 22.44 | 0 | 0.00% | 0 0.00% |

**Test Year at Present Rates vs. Proposed Rates
Warrensburg District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1G
Page 3 of 8

| | | Customer | Present Pro Forma Rates | | | | Proposed Pro Forma Rates | | | | Total | |
|----------|--|----------------|-------------------------|--------------|---------------|--------------------|--------------------------|---------------|---------------|--------------------|---------------|------------------|
| Line No. | Class/Description | Meter Billings | Sales (000 Gal) | Current Rate | Total Revenue | % Revenue To Total | Sales (000 Gal) | Proposed Rate | Total Revenue | % Revenue To Total | Dollar Change | Revenue % Change |
| 1 | Commercial | | | | | | | | | | | |
| 2 | Minimum Charge: | | | | | | | | | | | |
| 3 | 5/8" Monthly | 5,102.0 | | \$5.94 | \$30,306 | 7.68% | | \$7.08 | \$36,122 | 5.74% | \$5,816 | 19.19% |
| 4 | 3/4" Monthly | 27.0 | | 7.60 | 205 | 0.05% | | 9.12 | 246 | 0.04% | 41 | 20.00% |
| 5 | 1" Monthly | 799.5 | | 10.77 | 8,611 | 2.18% | | 12.96 | 10,362 | 1.65% | 1,751 | 20.33% |
| 6 | 1 1/2" Mthly | 334.5 | | 18.73 | 6,265 | 1.59% | | 22.44 | 7,506 | 1.19% | 1,241 | 19.81% |
| 7 | 2" Monthly | 715.0 | | 28.28 | 20,220 | 5.12% | | 33.96 | 24,281 | 3.86% | 4,061 | 20.08% |
| 8 | 3" Monthly | 36.0 | | 50.54 | 1,819 | 0.46% | | 60.60 | 2,182 | 0.35% | 363 | 19.96% |
| 9 | 4" Monthly | 0.0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 10 | 6" Monthly | 0.0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 11 | 8" Monthly | 0.0 | | 257.26 | 0 | 0.00% | | 308.78 | 0 | 0.00% | 0 | 0.00% |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | Volumetric Charges | | | | | | | | | | | |
| 20 | First Block | | 132,946 | 1.9548 | 259,883 | 65.84% | 132,946 | 3.2633 | 433,843 | 68.94% | 173,960 | 66.94% |
| 21 | Second Block | | 52,955 | 1.0951 | 57,991 | 14.69% | 52,955 | 1.8280 | 96,802 | 15.38% | 38,811 | 66.93% |
| 22 | Third Block | | 3,000 | 0.8451 | 2,535 | 0.64% | 3,000 | 1.4107 | 4,232 | 0.67% | 1,697 | 66.94% |
| 23 | Fourth Block | | 54,940 | 0.5691 | 31,266 | 7.92% | 54,940 | 0.9500 | 52,193 | 8.29% | 20,927 | 66.93% |
| 24 | FAL's and Credits | | (62,167) | | (38,933) | -9.86% | (62,167) | | (52,033) | -9.86% | (23,100) | 59.33% |
| 25 | Reconcile to Books | | 7 | | (56) | -0.01% | 7 | | (89) | -0.01% | (33) | 58.93% |
| 26 | Per Bill Analysis | | 181,681 | | \$380,112 | 96.30% | 181,681 | | \$605,647 | 96.24% | \$225,535 | 59.33% |
| 27 | Adjustments due to Weather Normalization And Customer Growth | | | | | | | | | | | |
| 28 | First Block | | 4,981 | 1.9548 | 9,737 | 2.47% | 4,981 | 3.2633 | 16,254 | 2.58% | 6,517 | 66.93% |
| 29 | Second Block | | 1,984 | 1.0951 | 2,173 | 0.55% | 1,984 | 1.8280 | 3,627 | 0.58% | 1,454 | 66.91% |
| 30 | Third Block | | 112 | 0.8451 | 95 | 0.02% | 112 | 1.4107 | 158 | 0.03% | 63 | 66.32% |
| 31 | Fourth Block | | 2,059 | 0.5691 | 1,172 | 0.30% | 2,059 | 0.9500 | 1,956 | 0.31% | 784 | 66.89% |
| 32 | 5/8" Monthly | 109 | | 5.94 | 647 | 0.16% | | 7.08 | 772 | 0.12% | 125 | 19.32% |
| 33 | 3/4" Monthly | 1 | | 7.60 | 8 | 0.00% | | 9.12 | 9 | 0.00% | 1 | 12.50% |
| 34 | 1" Monthly | 17 | | 10.77 | 183 | 0.05% | | 12.96 | 220 | 0.03% | 37 | 20.22% |
| 35 | 1 1/2" Mthly | 7 | | 18.73 | 131 | 0.03% | | 22.44 | 157 | 0.02% | 26 | 19.85% |
| 36 | 2" Monthly | 15 | | 28.28 | 424 | 0.11% | | 33.96 | 509 | 0.08% | 85 | 20.05% |
| 37 | 3" Monthly | 1 | | 50.54 | 51 | 0.01% | | 60.60 | 61 | 0.01% | 10 | 19.61% |
| 38 | 4" Monthly | 0 | | 82.34 | 0 | 0.00% | | 98.76 | 0 | 0.00% | 0 | 0.00% |
| 39 | 6" Monthly | 0 | | 161.85 | 0 | 0.00% | | 194.28 | 0 | 0.00% | 0 | 0.00% |
| 40 | Total | | 190,817 | | \$394,733 | 100.00% | 190,817 | | \$629,370 | 100.00% | \$234,637 | 59.44% |

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Schedule JMW-1G
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**Test Year at Present Rates vs. Proposed Rates
Warrensburg District**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-1G
Page 8 of 8

| Line No. | Connection Size | Number of Connections | Present | | Proposed | | Dollar Change | Total Revenue % Change |
|----------|----------------------|-----------------------|--------------|----------|--------------|----------|---------------|------------------------|
| | | | Annual Rates | Revenue | Annual Rates | Revenue | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | Private Fire | | | | | | | |
| 4 | Service: | | | | | | | |
| 5 | | | | | | | | |
| 6 | Private Fire Hydrant | 3 | 555.00 | \$1,665 | 926.52 | \$2,780 | \$1,115 | 66.97% |
| 7 | | | | | | | | |
| 8 | 2" | 1 | 79.56 | 80 | 132.84 | 133 | 53 | 66.25% |
| 9 | | | | | | | | |
| 10 | 3" | 0 | 136.68 | 0 | 228.12 | 0 | 0 | 0.00% |
| 11 | | | | | | | | |
| 12 | 4" | 16 | 216.84 | 3,469 | 362.04 | 5,793 | 2,324 | 66.99% |
| 13 | | | | | | | | |
| 14 | 6" | 28 | 444.72 | 12,452 | 742.44 | 20,788 | 8,336 | 66.95% |
| 15 | | | | | | | | |
| 16 | 8" | 11 | 765.24 | 8,418 | 1,277.40 | 14,051 | 5,633 | 66.92% |
| 17 | | | | | | | | |
| 18 | 10" | 1 | 1,176.24 | 1,176 | 1,963.56 | 1,964 | 788 | 67.01% |
| 19 | | | | | | | | |
| 20 | 12" | 0 | 1,677.12 | 0 | 2,799.72 | 0 | 0 | 0.00% |
| 21 | | | | | | | | |
| 22 | Total Billed | 60 | | \$27,260 | | \$45,509 | \$18,249 | 66.94% |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
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Case No. WR-2000-282
Schedule JMW-1H
Page 1 of 1

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Pro Forma Adjustment of Operating Revenues
for the Test Year Ended September 30, 1999

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-2
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Line
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A bill analysis for the twelve months ended March 31, 1999 was utilized to develop present rate revenues. Adjustments were made to reflect the number of customers projected as of the true-up date for Residential and Commercial customer classes. These same customers were weather normalized using a ten year average consumption per customer per day from history data covering 1989 through 1998.

Unbilled revenues were eliminated to reflect the annualization of customers and rates authorized by the Commission in the Company's last rate case.

Details of these adjustments are shown on pages 2 and 3 of Schedule JMW-2.

| | |
|---|-------------------|
| Pro Forma Revenues at Present Rates | \$30,668,140 |
| Less: Amount Per Books - Test Year Ended September 30, 1999 | <u>29,597,745</u> |
| Pro Forma Adjustment | <u>1,070,395</u> |

**Pro Forma Adjustment of Operating Revenues
for the Test Year Ended September 30, 1999**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-2
Page 2 of 3

| Line No. | | Test Year Ending 09/30/1999 | Eliminate Unbilled Revenues | Bill Analysis Reconciliation Adjustments | Bill Analysis At Rates | Weather Norm & Cust Ann Adjustments | Other | Pro Forma Present Rate Revenues |
|----------|--------------------------------|-----------------------------------|-----------------------------------|--|------------------------------|---|---------|---------------------------------------|
| 1 | | | | | | | | |
| 2 | Sales of Water | | | | | | | |
| 3 | Metered Sales | | | | | | | |
| 4 | Residential | \$19,092,677 | (\$47,386) | (\$487,073) | \$18,558,218 | \$977,575 | \$0 | \$19,535,793 |
| 5 | Commercial | 5,377,086 | (25,282) | (56,595) | 5,295,209 | 138,606 | 0 | 5,433,815 |
| 6 | Industrial | 2,365,656 | 5,767 | (123,692) | 2,247,731 | 0 | 115,910 | 2,363,641 |
| 7 | Other Public Authority | 1,018,226 | (16,548) | 79 | 1,001,757 | 0 | 4,873 | 1,006,630 |
| 8 | Sales for Resale | 1,227,013 | (577) | (23,228) | 1,203,208 | 0 | 15,321 | 1,218,529 |
| 9 | Miscellaneous | 43,202 | 0 | (1,751) | 41,451 | 0 | 0 | 41,451 |
| 10 | | | | | | | | |
| 11 | Total Metered Sales | 29,123,860 | (84,026) | (692,260) | 28,347,574 | 1,116,181 | 136,104 | 29,599,859 |
| 12 | | | | | | | | |
| 13 | Sewer Service | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | | | | | | | | |
| 15 | Fire Service | | | | | | | |
| 16 | Private Fire Service | 473,885 | 0 | 17,525 | 491,410 | 0 | 0 | 491,410 |
| 17 | | | | | | | | |
| 18 | Total Fire Service | 473,885 | 0 | 17,525 | 491,410 | 0 | 0 | 491,410 |
| 19 | | | | | | | | |
| 20 | Total Sales of Water | 29,597,745 | (84,026) | (674,735) | 28,838,984 | 1,116,181 | 136,104 | 30,091,269 |
| 21 | | | | | | | | |
| 22 | Other Operating Revenues | | | | | | | |
| 23 | Reconnect Charges | 208,077 | 0 | 0 | 208,077 | 0 | 0 | 208,077 |
| 24 | Returned Check Charge | 22,220 | 0 | 0 | 22,220 | 0 | 0 | 22,220 |
| 25 | Application Fee | 335,320 | 0 | 0 | 335,320 | 0 | 0 | 335,320 |
| 26 | Miscellaneous Other Rev | 8,951 | 0 | 0 | 8,951 | 0 | 0 | 8,951 |
| 27 | Rents From Water Property | 2,303 | 0 | 0 | 2,303 | 0 | 0 | 2,303 |
| 28 | | | | | | | | |
| 29 | Total Other Operating Revenues | 576,871 | 0 | 0 | 576,871 | 0 | 0 | 576,871 |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | Total Operating Revenues | 30,174,616 | (84,026) | (674,735) | 29,415,855 | 1,116,181 | 136,104 | 30,668,140 |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | | | | | | | | |
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| 39 | | | | | | | | |
| 40 | | | | | | | | |

**Pro Forma Adjustment of Operating Revenues
for the Test Year Ended September 30, 1999**

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

Case No. WR-2000-281
Schedule JMW-2
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Line No.

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Customers were annualized from the Bill Analysis for the period March 31, 1999 through April 30, 2000. Included were the actual number of customers through July 31, 1999. From August 31, 1999 through December 31, 1999 the budgeted number of customers was used, except where the actual number of customers exceeded the budgeted number of customers. In this case, the actual number of customers was used. For the four months in 2000, actual growth from the prior year was added to the prior months customers. For example, January 2000 customers were calculated by adding December 1999 to the growth from the end of December 1998 to the end of January 1999.

MAWC weather normalized its usage by applying the average usage per customer, times the projected number of customers at April 30, 2000. MAWC used a ten year average of water sales to determine the average usage per customer. Water sales from 1989 to 1998 were used to derive this average. By multiplying the number of customers by the average usage per customer, MAWC adjusted water sales for customer annualization and weather normalization.

| | Brunswick | Joplin | Mexico | Parkville | St. Charles | St. Joseph | Warrensburg | Total |
|--|-----------|----------|----------|-----------|-------------|------------|-------------|------------------|
| Annualization Adjustments to Residential Class: | | | | | | | | |
| Customer Meter Annualization | 1,227 | 57,623 | 8,484 | 13,384 | 95,308 | 59,937 | 16,908 | \$252,871 |
| Customer Usage Annualization & Weather Normalization | 298 | 28,175 | 30,242 | 18,529 | 442,630 | 161,061 | 43,769 | <u>724,704</u> |
| | | | | | | | | 977,575 |
| Annualization Adjustments to Commercial Class: | | | | | | | | |
| Customer Meter Annualization | \$240 | \$11,591 | \$1,880 | \$2,447 | \$6,998 | \$11,794 | \$1,444 | \$36,394 |
| Customer Usage Annualization & Weather Normalization | 1,288 | 75,730 | (13,943) | (6,649) | 41,687 | (9,078) | 13,177 | <u>102,212</u> |
| | | | | | | | | 138,606 |
| Annualization Adjustments to Industrial Class: | | | | | | | | |
| Annualized Change in Operations for three accounts | \$0 | \$0 | | \$0 | \$0 | \$75,591 | \$0 | 75,591 |
| Customer Rerouting | 0 | 47,157 | 0 | 0 | 0 | | 0 | 47,157 |
| Loss of Customer | 0 | 0 | (6,838) | 0 | 0 | 0 | 0 | <u>(6,838)</u> |
| | | | | | | | | \$115,910 |
| Annualization Adjustments to OPA Class: | | | | | | | | |
| Customer Rerouting | \$0 | \$4,873 | \$0 | \$0 | \$0 | \$0 | \$0 | <u>\$4,873</u> |
| | | | | | | | | \$4,873 |
| Annualization Adjustments to OWU/Resale Class: | | | | | | | | |
| Customer Rerouting | \$0 | \$15,321 | \$0 | \$0 | \$0 | \$0 | \$0 | <u>\$15,321</u> |
| | | | | | | | | \$15,321 |
| Total Annualization Adjustments | | | | | | | | <u>1,252,285</u> |



Pro Forma Adjustment of Operating Revenues
for the Test Year Ended September 30, 1999

Missouri Public Service Commission
Company: Missouri-American Water Company
Sewer Districts

Case No. WR-2000-281
Schedule JMW-3
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Line
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A bill analysis for the twelve months ended March 31, 1999 was utilized to develop present rate revenues. Adjustments were made to reflect the number of customers projected as of the true-up date for Residential customer class.

Details of these adjustments are shown on pages 2 of Schedule JMW-3.

Pro Forma Revenues at Present Rates

\$47,256

Less: Amount Per Books - Test Year Ended September 30, 1999

47,192

Pro Forma Adjustment

64

**Pro Forma Adjustment of Operating Revenues
for the Test Year Ended September 30, 1999**

Case No. WR-2000-281
Schedule JMW-3
Page 2 of 2

Missouri Public Service Commission
Company: Missouri-American Water Company
Water Districts

| Line No. | | Test Year Ending 09/30/1999 | Eliminate Unbilled Revenues | Bill Analysis Reconciliation Adjustments | Bill Analysis At Rates | Weather Norm & Cust Ann Adjustments | Other | Pro Forma Present Rate Revenues |
|-------------|--------------------------------|-----------------------------------|-----------------------------------|--|------------------------------|---|-------|---------------------------------------|
| 1 | | | | | | | | |
| 2 | Sales of Water | | | | | | | |
| 3 | Metered Sales | | | | | | | |
| 4 | Residential | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 5 | Commercial | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | Industrial | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | Other Public Authority | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | Sales for Resale | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | Miscellaneous | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | | | | | | | | |
| 11 | Total Metered Sales | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | | | | | | | | |
| 13 | Sewer Service | 47,192 | 0 | 64 | 47,256 | 0 | 0 | 47,256 |
| 14 | | | | | | | | |
| 15 | Fire Service | | | | | | | |
| 16 | Private Fire Service | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | | | | | | | | |
| 18 | Total Fire Service | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | | | | | | | | |
| 20 | Total Sales of Water | 47,192 | 0 | 64 | 47,256 | 0 | 0 | 47,256 |
| 21 | | | | | | | | |
| 22 | Other Operating Revenues | | | | | | | |
| 23 | Reconnect Charges | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | Returned Check Charge | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | Application Fee | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | Miscellaneous Other Rev | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | Rents From Water Property | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | | | | | | | | |
| 29 | Total Other Operating Revenues | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| 32 | Total Operating Revenues | 47,192 | 0 | 64 | 47,256 | 0 | 0 | 47,256 |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
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