

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 TABLE OF CONTENTS

I.	Revenues	Page 2
II.	Uncollectibles	Page 5
III.	PSC Assessment	Page 6

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

		JOHN M. WATKINS
ı 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

Company as a Rate Analyst in November 1998.

10

11

12

13

14

19

20

21

22

23

24

A.

2 6.	Q.	HAVE YOU PREVIOUSLY PARTICIPATED IN REGULATORY
2		MATTEDS9

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

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

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

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?

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

1 9.	Q.	MR. WAT	KINS, PLEASE IDENTIFY THE SCHEDULES YOU ARE
2		SPONSORI	NG.
3	A.	I am spons	oring Schedules JMW-1 through JMW-2, which consists of the
4		following:	
5		Schedule Des	cription
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 TH	IESE SCHEDULES PREPARED BY YOU OR UNDER YOUR
25		SUPERVIS	SION?
26	A.	Yes, these s	schedules were prepared by me or under my supervision and direction.
27 11.	Q.	ARE YOU	GENERALLY FAMILIAR WITH THE BOOKS AND
28		RECORDS	S 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?

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

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

19

20

21

22

23

24

25

26

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-9713 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.

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

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

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

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

1

2

3

8

17

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.

A. Schedule JMW-2 shows the detail for the pro forma adjustment of operating 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.

UNCOLLECTIBLE

18 18. Q. ARE YOU SPONSORING ANY OTHER ADJUSTMENTS? Yes, I am sponsoring the following adjustments which are contained in schedules 19 Α. attached to the direct testimony of Company witness Linda Gutowski: 20 Uncollectible Expense at Present Rates vs. Proposed Rates - All Water LJG-2.15 21 22 Districts LJG-2.32 PSC Fees at Present Rates vs. Proposed Rates - All Water Districts 23 LJG-3.3 PSC Fees at Present Rates vs. Proposed Rates - Sewer District 24

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

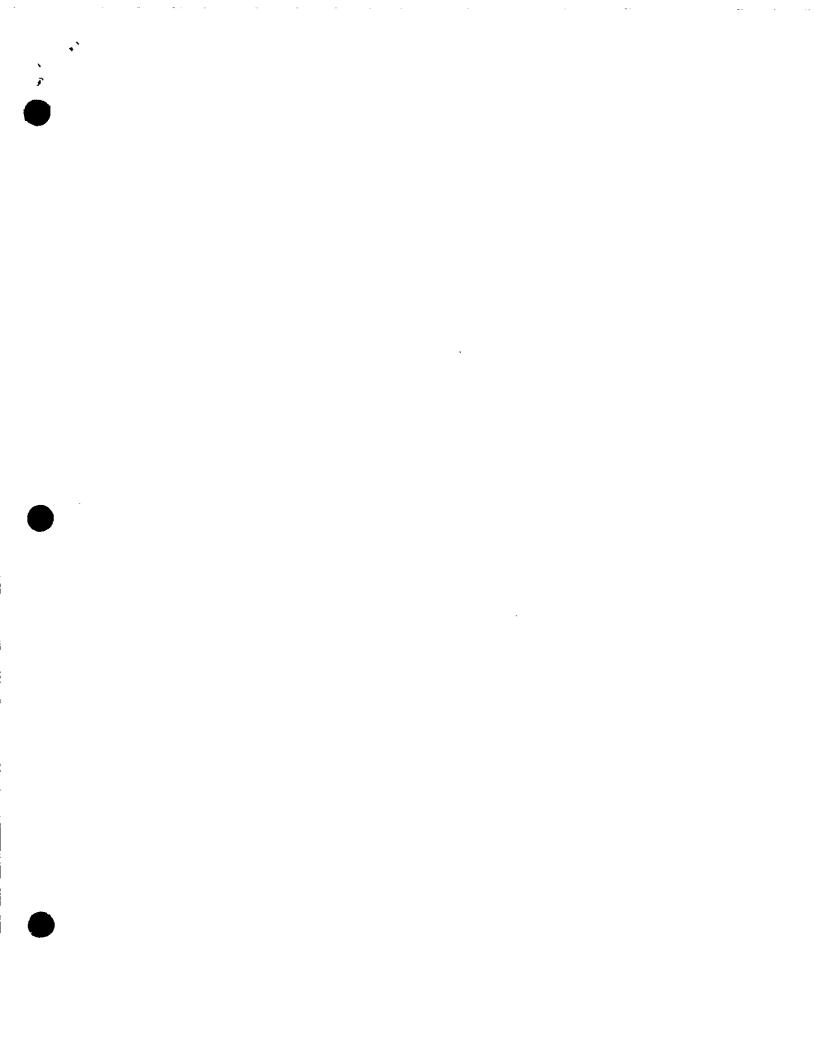
A. This Schedule adjusts Uncollectible Expense under both Pro Forma Present Rates and Pro Forma Proposed Rates. A three-year average of net charge-offs was used, but this ratio was adjusted downward to reflect the change from quarterly to monthly meter reading in the St. Joseph District.

PSC ASSESSMENT

- 8 20. Q. PLEASE BRIEFLY DESCRIBE THE ADJUSTMENTS YOU SPONSOR ON 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.

7

17 W:\WPFILES\MISSOURI\WR2000-2\TESTIMON\WATKINS.DIR



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

		Pres	sent Pro Forma Rat	es _	Prop	osed Pro Forma Ra	ites		Total
Line	Class/	Sales	Total	% Revenue	Sales	Total	% Revenue	Dollar	Revenue
No.	Description	(000 Gal)	Revenue	To Total	(000 Gal)	Revenue	To Total	Change	% Change
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	2,383,641	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	Reconnect 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%	٥	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			-,-						
	Total	_	\$30,668,140	100.00%	_	\$47,148,886	100.00%	\$16,480,746	53.74%
23					=				

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

Missouri Public Service Commission

Company: Missouri-American Water Company 1 1/2" Mthly 2" Monthly Total 5/8" Monthly 3/4" Monthly 1" Monthly 2" Quarterly 3" Quarterly 1" Monthly
1 1/2" Muhiy
2" Monthly
3" Monthly
4" Monthly
6" Monthly
6" Monthly Description Total 6,742,069 \$19,535,783 100,009

Note (1) Increase in number of bills is due St. Joseph District quarterly customers becoming monthly customers. Residential: Minimum_Charge: 1 1/2" O'My 3/4" Othy Fourth Block Second Block First Block Adjustments due to Weather Normalization And Customer Growth First Block 1" Quarterly 28" OHy 3/4" Monthly Water Districts Third Block Per Bill Analysis Reconcile to Books FAL's and Credits Fourth Block Third Block Second Block Volumetric Charges 5/8" Monthly Meter Billings Custome 102,101.5 2,282.5 1,588.5 20.0 643,373.5 352.0 39,806.0 228.0 1,368.0 28.0 22.0 27,723.0 574.5 363.5 (000 Gal) (61,844) 67 6,368,505 Sales 6,322,389 68,111 21,744 368,293 18,038 1,277 2,867 **Current Rate** Present Pro Forma Rates 1.9548 1.0951 0.8451 1.9548 1.0951 0.8451 0.5691 0.5691 257.26 10.77 18.73 28.28 161.85 56.19 17.82 22.80 32.31 82.34 50.54 28.28 18.73 (1,723) \$18,558,218 Revenue 12,359,000 1,819,449 52,269 50,614 \$3,821,636 235,260 719,940 2,920 1,*0*78 786 298,576 1,732 14,733 524 622 10,761 74,589 18,376 10,265 24,330 4,07₂ 1,124 9,997 2,675 99 % Revenue To Total 0.08% 0.05% 0.12% -0.01% 63.26% 19.58% 0.01% 1.53% 1.20% 0.01% 0.08% 3.69% 0.01% 0.01% 0.00% 0.00% 0.38% 0.26% 0.01% 0.02% 0.00% 0.00% 0.00% 9.31% 0.27% 0.06% Sales (000 Gal)
Customer
Billings (1)
949,678.0 6,742,089 32,422.5 634.5 497.5 368,293 2,667 1,277 1,347 (61,844) 67 18,038 68,111 21,744 7,228.5 120 Proposed Proposed Pro Forma Rates Z Z Z Z Z Z Rate 3.2633 1.8280 1.4107 1.4107 0.8500 3.2633 1.8280 \$7.08 8.12 12.96 22.44 33.96 60.60 98.76 194.28 0.9500 12.96 22.44 33.96 9.12 748 \$29,591,863 (2,547) \$28,080,480 Revenue \$6,723,720 65,934 420,196 20,631,852 124,506 30,674 17,136 35,217 Total 1,201,851 4,875 1,802 280,410 2,080 17,729 628 16,895 14,238 ,1 185 1,454 % Revenue
To Total 100,00% 69.72% 0.42% 0.10% 0.06% 0.12% 0.12% -0.01% 0.22% 0.01% 0.95% 0.00% 0.01% 0.02% 0.00% 0.00% 0.00% 0.00% 0.06% 000 0.00% 0.00% 1.42% 348 2,998 104 128 \$10,058,070 Dollar \$1,082,633 481,911 1,955 724 514 49,917 12,298 6,871 10,887 10,990 71,006 45,150 2,826 2,353 197 ~~~~~~ % Change Revenue Page 2 of 8 Total 20,09% 20,34% 19,85% 67.10% 67.16% 66,94% 47.82% 51.31% 66.92% 66.94% 44.75% 66.94% 66.92% 19.80% 19.19% 19,19% 19.94% 20.09% 20.33% 0.00% 19.97% \$ **\$ \$**

Case No. WR-2000-281 Schedule JMW-1

Test Year at Present Rates vs. Proposed Rates
Total Company

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

Catachymin Cat					1	4,104,000	60.00	0.0000		906'70,7	1	Total	8
Casari C	58.36%	\$3 171 186	100,00%	\$8,605,001		2 752 969	-1	CS 422 B15		2 752 260		O MICHAELY	٤
Classiformer Passent Prospect Passent Prospect Prospec	20.06%	æ	0.00%	389			0.01%	324	181.85		3 1	Of Monthly	3 8
Chastro Chas	20.24%	S	0.00%	297	98,76		%00 <u>.</u> 0	247	82.34		3.O	4" Monthly	2 9
Class/Interior Plane Salva Plane Salva Post-print Por Formy Relays Salva (Document Colors) Salva (Document Colors) Proposed Por Formy Relays	18.72%	! ?	0,00%	425	60.60		0.01%	355	50.54		7.0	3" Monthly	37
Clasbi Chardenion Billage Cool Gen) Current Rates Freezen Po Forma Rates Sales Proposed Pro Forma Rates Proposed Proposed Proper Rates Proposed Proposed Proper Rates Pro	20,10%	, o#	0.11%	9,648	33.96		0.15%	8,200	28.28		290.0	2" Monthly	8
Casarian	10.04%	ÈÈ	0.00%	4,264	22.44		0.07%	3,558	18.73		190.0	1 1/2" Mthly	发
Classive Commercial C	10.012	1,4	600.0	807.7	12.96		0.11%	6,042	10.77		561.0	1" Monthly	ጅ
Clasari Clasarine Sales Presenti Pro Forme Rahas Horizona Pro Forme Rahas Proposed Propose	30.314	3 3	0.00	420 t	9.12		0.01%	892	7.60		91.0	3/4" Monthly	쎯
Clasivier Clasivier Clasivier Clasivier Present Pro Forma Rahas Frozial Keyninu Sales Proposed Pro Forma Rahas	19 80%	137	2 12.0	002,03	? ?		0.31%	16,976	5.94		2,858.0	5/8" Monthly	X
Clasion Clasiones Pessent Pro Forma Rates Revenue Proposed Pro Forma Rates Proposed Pro Fo	19 20%	3 280	0.002	7,334	220	2,4//	0.03%	1,410	0.5691	2,477		Fourth Block	얼
Clastorner Cla	88.95%	0,002	960.0	2,374	1.4107	1,825	0.03%	1,542	0.8451	1,825		Third Block	8
Clasioner Clasioner Present Pro Forms Rates Present Pro Forms Rates Proposed Propos	88 93%	1032	0.038	2674	1.0200	23,133	0.47%	25,333	1.0951	23,133		Second Block	8
Catasty Cata	86 B 88	18 054	100	12.207	3.2033	37,618	1.36%	73,927	1.9548	37,818		First Block	23
Customer	66.94%	49 485	1 4394	132 113	3	2			-	tion And Customer	Veather Normaliza	Adjustments due to Y	27
Class/ C		40,000,000	07,0070	110,000,00	8	2,687,715	97.44%	\$5,295,209	A	2,687,715		Per Bill Analysis	ß
Clastry Marker Present Por Forma Rates Present Por Forma Rates Proposed Por Forma Parks Proposed Por	59 46%	800 500 F	07.00%	(186.7)	1	42	-0.03%	(1,509)	1	42	ì	Reconcile to Books	9
Class/ Class/ Class/ Class/ Class	58.459	(282)	0.00%	(20,202)		(/4,099)	-0.67%	(36,641)		(74,089)		FAL's and Credits	24
Customer Customer Present Po Forma Rates Present Po Forma Rates Present Po Forma Rates Proposed Po Forma Rates	**************************************	(21.744)	0.00	66,047	0,000	65,839	0.69%	37,528	0.5691	65,939		Fourth Block	ß
Customer	26 23%	25,117	0.738	(10, 10 4	1.4707	81,663	1.27%	69,183	0.8451	81,863		Third Block	ß
Cubic Cubic Present Pro Forms Rates Proposed Pro Forms Proposed Pro Forms Proposed Pro Forms Proposed Prop	66 93%	AR 301	19/8	1,704,274	1.8280	978,079	19.67%	1,068,905	1.0951	976,079		Second Block	Ŋ
Cultomer Present Pro Forms Rates Present Pro Forms Rates Present Pro Forms Rates Proposed Pr	A 038	74.5 3.60	20748	0,044,000	5,2033	1,637,091	58.90%	3,201,749	1.9548	1,637,891		First Block	8
Classiv Meter Sales Total % Revenue Proposed Pro Forma Rates Proposed Pro Forma Rates Total Commercial % Revenue Total Commercial % Revenue Proposed Pro Forma Rates Provenue Total Commercial Revenue Proposed Pro Forma Rates Proposed Pro Forma Rates Proposed Pro Forma Rates Proposed Pro Forma Rates Provenue Total Commercial Revenue Proposed Pro Forma Rates Proposed Pro Forma Parks Proposed Pro F	66.94%	2 143 181	83 13¥	E 344 030	9 2624							Yolumetric Charges	₽
Classiv Meleon Sales Total % Revenue Sales Proposed Pro Forma Rates Proposed Pro Forma Rates Proposed Pro Forma Rates Proposed Revenue Proposed Rates Proposed Proposed Rates Melevenue Change Kevenue Sales Proposed Proposed Total % Revenue Change Melevenue Change Proposed Proposed Total % Revenue Proposed Proposed Total % Revenue Proposed													ᄚ
Classi			0.00%	c	2		0.00%	0	151.62		0.0	3" Quarterly	17
Class	X	Z :	0.00%	.	3		0.27%	14,423	84.84		170.0	2" Quarterly	ā
Clustomer Commercial Clustomer Commercial Clustomer Commercial Clustomer Commercial Clustomer Commercial Clustomer Commercial Clustomer	X	Z :	0.00%		3		0.14%	7,445	56.19		132.5	1 1/2" Othy	5
Customer Customer Customer Customer Customer Customer Customer Customer Customer Commercial Customer Commercial Current Rate Customer Cu	Z.	Z :	000	.	3		0.64%	34,749	. 32.31		1,075.5	1" Quarterly	7
Classorrer Meter Classy Sales (000 Gal) Present Pro Forma Rates Froposed Pro Forma Rates Proposed Pro Forma Parks Proposed Pro Forma Rates Proposed Pro Forma Parks P	N/A	Z	0.00%		\$ 3		0.23%	12,266	22.80		538.0	3/4" Otrly	ಭ
Class/ Class/ Description Meter Balings Sales Commercial Present Pro Forma Rates Total % Revenue Forma Rates % Revenue Proposed Pro Forma Rates % Revenue Proposed Pro Forma Rates Forma Rates Proposed Pro Forma Rates Forma Rates Proposed Pro Forma Rates Forma Rates Mevenue Dollar Revenue Revenue Proposed Proposed Rates Proposed Proposed Pro Forma Rates Mevenue Pollar Rates Revenue Proposed Proposed Pro Forma Rates Proposed Proposed Propo	N.	S	0.00%	-	3		3.04%	165,076	17.82		9,263,5	S/8" Othy	7
Class/ Class/ Description Meler Monthly Sales (000 Gar) Present Pro Forma Rales Total % Revenue Nevenue Sales (000 Gar) Proposed Pro Forma Rales Total Proposed Pro Forma Rales (000 Gar) Proposed Total Revenue % Revenue Proposed Meler Total % Revenue Revenue Dollar Revenue Revenue Proposed Pro Forma Rales (000 Gar) % Revenue Revenue Proposed Total Class % Revenue Revenue Proposed Pro Forma Rales (000 Gar) % Revenue Revenue % Revenue Revenue Proposed Pro Forma Rales (000 Gar) % Revenue % Change %	N.	Z .	0.00%		300.70	0.0	0.00%		257.26		0.0	8" Monthly	⇉
Class/ Class/ Description Meter Mater Sales (000 Gal) Present Pro Forma Rates Total Mevenue Mevenue Sales To Total Proposed Pro Forma Rates Class Proposed Proposed Total % Revenue Mevenue Dollar Revenue To Total Revenue Mevenue Collar Revenue Class Proposed Proposed Total % Revenue To Total Mevenue Mevenue Charge % Char	0.00%	0	0.00%	0.000	206.76	20.0	0.32%	1/,398	161.85		107.5	6" Monthly	ಠ
Class/ Class/ Description Customer Sales Present Pro Forma Rates Meter Total Sales Proposed Pro Forma Rates Proposed Total % Revenue Dollar Revenue Revenue Connercial Proposed Total % Revenue Total % Revenue Consortial Mater Total % Revenue Proposed Total % Revenue % Revenue % Change	20.04%	3.486	0.24%	288.00	40.70	200.0	0.38%	20,873	82.34		253.5	4" Monthly	0
Class/ Class/ Description Meter Sales Sales (000 Gal) Present Pro Forma Rates Total Weenue Weenue Sales Total Proposed Proposed Weenue Total Total Sales Weenue Proposed Total Weenue Weenue Proposed Total Weenue Weenue Total Total Weenue Weenue Proposed Total Weenue Weenue To Total Total Weenue Weenue Weenue To Total Change Weenue % Change Weenu	19.95%	4.164	0.29*	75.037	00.00 08.78	240.0	0.72%	12,129	50.54		240.0	3" Monthly	œ
Class/ Class/ Description Meler Sales Sales (000 Gar) Present Pro Forma Rates Total % Revenue % Revenue Proposed Proposed (000 Gar) Proposed Total % Revenue % Revenue % Change Dollar % Revenue Revenue % Change Meler % Revenue To Total Customer Proposed Proposed (000 Gar) Total Change % Revenue % Change % Revenue % Change Meler % Change % Revenue % Change To Total % Change Change %	18.91%	2.415	0.17%	14.544	3 8	6,333.3	4.0/%	221,249	28.28		7,823.5	2" Monthly	7
Class/ Class/ Description Meter Billings Sales (000 Gar) Present Pro Forma Rates Total W. Revenue To Total Sales (000 Gar) Proposed Proposed Total Proposed Total (000 Gar) W. Revenue To Total Dollar Revenue Revenue To Total Sales W. Revenue Proposed Total Customer To Total Customer Sales Sales Proposed Proposed Total To Total Change % Revenue % Ch. Change % Ch. Maintreal Minimum.Charge: Sales Sales Monthly 44,257.5 43.05 \$5.94 5.780 \$262,890 5.707 4.84% 72,048.0 5.707 \$7.08 9.12 9.158 \$510,100 9.12 9.178 5.93% 9.178 \$82,134 9.777 ** Monthly 75.0 10,370 7.80 10,777 5.784 11,884 2.06% 13,585 12.98 13,585 178,20 10,20% 13,585 12.98 13,585 178,20 10,277 168,8 15,381	20.08%	47.334	3 29%	283 008	8 F	A, 140.5	1.28%	70,708	18.73		3,743.0	1 1/2" Mithly	a
Class/ Class/ Description Meter Sales Sales Sales Present Pro Forma Rates Total Meter Verenue Proposed Proposed Total Proposed Proposed Meter To Total Meter Merenue Collar Meter To Total Revenue Proposed Proposed Total Total Meter Merenue Meter To Total Change % Change <th< td=""><td>19.81%</td><td>15.361</td><td>108%</td><td>3 1</td><td>3 :</td><td>JU,000.0</td><td>2,00%</td><td>777,004</td><td>10.77</td><td></td><td>10,370,0</td><td>1" Monthly</td><td>c</td></th<>	19.81%	15.361	108%	3 1	3 :	JU,000.0	2,00%	777,004	10.77		10,370,0	1" Monthly	c
Customer Present Pro Forma Rates Proposed Pro Forma Rates Class/ Class/ Meter Sales Prosent Pro Forma Rates Proposed Total % Revenue Dollar Revenue Description Billings (000 Gal) Current Rate Revenue To Total (000 Gal) Rate Revenue To Total Change % Change Commercial Milinium Charge: 85.94 \$262,890 4.84% 72,048.0 \$70.08 \$510,100 5.93% \$82,134	20,33%	29,777	2.05%	176 210	13 9.14	49 FOR F	0.11%	5,/0/	7.8		751.0	3/4" Monthly	-
Customer Present Pro Forma Rates Proposed Pro Forma Rates Total Sales Proposed Pro Forma Rates Proposed Pro Forma Rates Proposed Pro Forma Rates Revenue Dollar Reversition Billings (000 Gar) Current Rate Revenue To Total (000 Gar) Rate Revenue To Total Customer Commercial Billings (000 Gar) Current Rate Revenue To Total Sales Revenue To Total Customer Customer Commercial Billings (000 Gar) Sales Sal	20.00%	3,585	0 25.8	21 589	3 5	74,040.0	1.047	D60'7076	\$5,84		44,257.5	5/8" Monthly	ω
Customer Present Pro Forma Rates Proposed Pro Forma Rates Class/ Meter Sales Total % Revenue Sales Proposed Total % Revenue Dollar Description Billings (000 Gal) Current Rate Revenue To Total (000 Gal) Rate Revenue To Total Change Commercial Customer	19,19%	\$82,134	5.93%	\$510 100	\$7 08	- Suma						Minimum Charge:	N
Customer Present Pro Forma Rates Proposed Pro Forma Rates Classi Meter Sales Total % Revenue Sales Proposed Total % Revenue Dollar Classi Meter Sales O00 Gal) Current Rate Revenue To Total (000 Gal) Rate Revenue To Total Change						Customer						Commercial	-
Customer Present Pro Forma Rates Proposed Pro Forma Rates Class/ Meter Sales Proposed Total % Revenue Dollar			10.1000	Kevenue	Zate	(000 Gal)	To Total	Revenue	Current Rate	(000 Gal)	Billings	Description	₹
Present Pro Forma Rates Proposed Pro Forma Rates	% Change	Change	To Toke	100	Proposed	Sales	% Revenue	Total		Sales	Meter	Class	F
Description Description	Revenue	3		OITH NAIGS	Proposed Pio P			ma Rafes	Present Pro For		Customer		
	Total			nema Datae	December of Dro E		_	?					

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

Test Year at Present Rates vs. Proposed Rates Total Company

Missouri Public Service Commission
Company: Missouri-American Water Company

Parent Pro Forms Rakes Proposed Pro Forms Proposed Pro Forms Rakes Proposed Pro Forms Rakes Proposed Pro Forms Rakes Proposed Pro Forms Proposed P				\$2,000,00	ı	2,410,721	100.00%	\$2,363,641	ı	2,410,721	¶ !	Total	7
	2	\$1 534 860	100.004	\$3 908 501	194.20		0.03%	647	161.85			6" Monthly	ö
Paramiri Po Forma Rates Paramiri Po Form	20	130	0.02%	777	10.4.56		0.00%	100	62.34		13.00	4" Monthly	ű
Paper Potenti Rases Paper Pape	20	214	0.03%	1 284	98.76		0.084	1 070	20.20		14.00	2" Monthly	4
Parent Po Forme Raise Posenti Posenti Po Forme Raise Posenti Posenti Po Forme Raise Posenti	19	79	0.01%	475	33,96		0 00%	30.5	3 .		3.00	1 Monthly	ω
Phase Potent Po	2	7	0.00%	ಜ	12,96		000	ď (3/4" Monthly	Z
Papert Po Forms Rates Pape	1	_	0.00%	89	9,12		0.00%	30 ¹	7 80		8 8	5/6 Monuniy	=
Passert Po Forms Rates Passert Po Forms Ra	ŧ	03	0.00%	4 2	7.08		0.00%	88 [†]	501	0,400	3	Fourth Block	6
Passent Por Former Rates	2	3,225	0.21%	8,042	0.9500	8,465	0.20%	4.817	0.5801	301.0		Luad Diocx	æ
Present Po Forms Rates Proposed Po Forms Rat	. 8	7,025	0.49%	19 019	1.4107	13,482	0.48%	11,394	0.8451	13 482		Third Black	5 6
Present Pro Forms Rates Proposed Pro Forms Rates Pro Fords Pro	2 9	3 7	1 5	12,/5/	1.8280	23,390	1.08%	25,614	1.0951	23,390		Second Block	ő
Present Po Forms Rates Present Policy Present P	8 9	111	0.108	0,24/	3,2633	1,608	0.13%	3,143	1.9548	1,608		First Block	7
Forms Rates Proposed Pro Forms Rates Proposed Propo	.	2 104	0 1 36	6247		}					iting in Joplin	Adjustment for rerouting in Joplin	ă
Proposed Pro Forms Rates Proposed P			;	:	9	•	0.03%	ene ene	161.85		5.00	6" Monthly	ű
Forms Rates Proposed Pro Forms Rates Propo	ĸ	និ	0.02%	971	10.10	5,100	2 2 2	00,401	0.5691	99,105		Fourth Block	4
Proposed Pro Forms Rates Proposed Pro Form	22	37,749	2.42%	94 ,150	0.9500	8.	3 300	Se And	200	10,794		Third Block	ä
Forma Rates Proposed Pro Forma Rates Propo	20	6,105	0.38%	15,227	1,4107	10.794	0.39%	913	00464	1,000		Second Block	ĸ
Proposed Pro Forms Rates Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Prop	. 8	5,614	0.36%	14,001	1.8280	7,659	0.35%	8,387	10951	7 850		THE CACEN	5
Forma Rates Proposed Pro Forma Rates Revenue Proposed Pro Forma Rates Proposed Pro Forma Proposed Pro Forma Proposed Pro Forma Proposed Proposed Pro Forma Proposed Proposed Pro Forma Proposed Propose	2 5		0.0470	1,450	3,2633	446	0.04%	872	1.9548	446		nied Black	
Forms Rates Proposed Pro Forms Rates Proposed Propo	₹.	593	2048						ner (St Joseph)	addition of a custo.	ge in operation and	Adjustment for chan-	2
torrent Present Pro Forms Rates Present Pro Forms Rates Proposed Pro Forms Rates Proposed Pro Forms Rates Total % Revenue Cours Proposed Pro Forms Rates Proposed Proposed Pro Forms Rates Proposed Propose				;			6,00.0	900	82.3400		12	4" Monthly	ø
Present Pro Forms Rates Proposed Pro Forms Proposed Pro Forms Rates Proposed Pro Forms Rates Proposed Pro Forms Rates Proposed Pro Forms Proposed Pro Forms Proposed Proposed Pro Forms Rates Proposed Pro Forms Proposed Pro Forms Rates Proposed Pro Forms Proposed Pro Forms Rates Proposed Pro Forms Rat	≠	197	0.03%	1 185	98 7800) 		900	1.080.1	3,180		Second Block	õ
tornwit Present Pro Forms Rates Proposed Pro Forms Rates Prope Proposed Pro Forms Rates Proposed Pro Forms	2	2,338	0.15%	5,831	1.8280	3.180	0 15%	2 402	100	, kg		ALSC DIOCK	•
tornwit Plasent Pro Forma Rates Proposed Pro Forma Rates<	. 8	1,5/9	0.10%	3,936	3.2633	1,206	0.10%	2.357	19648	3	, and a	Coss of Car applie (mexico)	1 8
Present Pro Forms Rates Proposed Pro Forms Proposed Pro Forms Parts Proposed Pro Forms Rates Proposed Pro Forms Proposed Pr	2								1		device)	and a Eaburn (III	6
Present Pro Forme Rates Proposed Pro Forme Proposed Proposed Pro Forme Rates Proposed Proposed Pro Forme Rates Proposed P			20000	3,703,830	1	2,250,168	95.10%	2,247,731		2,250,168	í	Per Bill Analysis	ĭ.
Present Pro Forms Rates Proposed Proposed Pro Forms Rates Proposed Pr	وا	\$1 A5A 227	OF CAR	3,700	1	0	0.15%	3,488	ì	10		Reconcile to Books	×
	P P	3 . 3 . 3 .		(000,011)		(ace'c/c)	-14.1/%	(334,856)		(575,936)		FAL's and Credits	ŭ
	92	(218,861)	14 219	(553,817)	0.0000	1,124,2/8	2/.0/%	639,827	0.5691	1,124,279		Fourth Block	3
Sales Present Pro Forms Rates Proposed Pro Forms Rates Sales Proposed Pro Forms Rates Sales Sales Proposed Pro Forms Rates Sales Sales Proposed Pro Forms Rates Sales Sales Sales Proposed Pro Forms Rates Sales Sales Proposed Pro Forms Rates Sales Sales Revenue Coolis Rate Revenue To Total Change Sales Proposed Pro Forms Rates Sales Revenue To Total Change Sales Sales Proposed Pro Forms Rates Sales Sale	•	428.238	27.40%	108085	0.0500	017,000	2,00.22	522,018	0.8451	617,696		Third Block	3
Present Pro Forma Rates Proposed Proposed Proposed Proposed	9	349,370	22.35%	871 386	4 4107	947,070	40.70 %	1,033,641	1.0951	943,878		Second Block	8
Present Pro Forma Rates Proposed Pr	₽	691,767	44.28%	1 775 408	1900	140,200	11.00.78	2/4,138	1.9548	140,239		First Block	<u>~</u>
Present Pro Forma Rates Proposed Pro Forma Rates Proposed Pro Forma Rates Proposed Pro Forma Rates Provided Pr	20	183,503	11.75%	457.642	3 2833	440 730		1				Yolumetric Charges	∞
Present Pro Forms Rates Proposed Proposed Pro							0.00,0	•	151.02		0,0	3" Quarterly	7
Present Pro Forms Rates Proposed Proposed Pro Forms Rates Proposed Proposed Proposed Propose		NA	0.00%	0	N.		0.00%	; o o	9.0		12.0	2" Quarterly	5
Prosent Pro Forma Rates Proposed Proposed Pro Forma Rates Proposed Proposed Proposed Pr		N.A	0.00%	0	×		0 048	100	20.14		8.0	1 1/2" Otrly	5
		28	0.00%	0	N/A		0.02%	450	E 40		20,0) - Quarterly	I
Present Pro Forma Rates Proposed Pro Forma Rates Total % Revenue Sales Proposed Total % Revenue Revenue Total % Revenue Revenue Total % Revenue Total Change % Chan		2	0.00%	0	X		0.04%	8	3		120	34" Cony	<u>u</u>
Present Pro Forma Rates Proposed Pro Forma Rates Total % Revenue Sales Proposed Total % Revenue % Change % Chan		2	0.00%	0	NA		0.01%	274	3 :		. A . C	Se Cany	N
Present Pro Forma Rates Proposed Pro Forma Rates Total % Revenue Sales Proposed Pro Forma Rates Proposed Total % Revenue Proposed Proposed Proposed Total % Revenue Proposed			0,000		NA A		0.02%	528	17.82			COMPONENTS.	5 -
Present Pro Forms Rates Proposed Proposed Pro Forms Rates Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Prop		A)V	0.00%		308.78	0.0	0.00%	0	257.26		90	Se Manthity	Ι;
Present Pro Forma Rates Proposed Pro Forma Rates Total % Revenue Proposed Pro Forma Rates Proposed Total % Revenue Proposed Proposed Total % Revenue Proposed Proposed Total % Revenue Proposed Prop	_	0		,,,,,	194.20	111.0	0.76%	17,965	161.85		111.0	e Monthly	ő
Present Pro Forma Rates Proposed Pro Forma Rates Total % Revenue Total % Revenue Total % Revenue Total % Revenue Total % Change	22	3,599	0.55%	71 584	20.70	1	1,44%	34,088	82.34		414.0	4" Monthly	•
Present Pro Forma Rates	16	6,798	1.05%	40.886	08.78	44.0	2 2	3,030	50.54		72.0	3" Monthly	00
Present Pro Forma Rates	16	725	0.11%	4,363	80	770	0.458	1,01	20.20		1,422,0	2" Monthly	7
Present Pro Forma Rates		8,282	1.27%	49,514	S3.98	1.458.0	704	100	9 7		0.751	1 1/2" Mithly	0
Present Pro Forma Rates Proposed Pro Forma Rates Proposed Pro Forma Rates Proposed Pro Forma Rates Proposed Proposed Pro Forma Rates Proposed Proposed Proposed Pro Forma Rates Proposed Pro Forma R	٠ ا	92	0.10%	3,950	22.44	176.0	0.12%	2848	18.73		0.126	1 Monthly	0
Present Pro Forma Rates	å :	-,520	0.20%	7,841	12.96	605.0	0.24%	5,610	10.77		57.0	34 Monuay	
Present Pro Forms Rates Proposed Pro Forms Rates Sales Proposed Pro Forms Rates Total % Revenue Dollar Reve Revenue To Total (000 Gal) Rate Revenue To Total Change % Chr Customer Billings \$5,94 \$1,865 0.08% 402.5 \$7.08 \$2,850 0.07% \$450	3 :	2	60.0	538	9.12	59.0	0.01%	175	7.60		3 5	No Monthly	
Proposed Pro Forma Rates Present Pro Forma Rates Proposed Pro Forma Rates Proposed Total % Revenue Dollar Reve Sales Proposed Total % Revenue To Total Change % Chr (000 Gal) Current Rate Revenue To Total Customer Billings	ri i	B 6	9.00	\$2,850	\$7.08	402.5	0.08%	\$ 1,865	\$5.94		3	WILLIAM CHARACTER	, ,
Present Pro Forma Rates Sales Proposed Pro Forma Rates Dollar Sales Proposed Total % Revenue Dollar (000 Gal) Current Rate Revenue To Total (000 Gal) Rate Revenue Customer	ń	* 450		}		Billings	Ī					Inquatrat	. –
Present Pro Forma Rates Proposed Pro Forma Rates Proposed Total % Revenue Dollar Sales Proposed Total % Revenue Change						Customer				(000 000)	Cimoge	Description	Ģ
Present Pro Forma Rates Proposed Pro Forma Rates Sales Proposed Total % Revenue Dollar		Çingi Çi		Revenue	Rate	(000 Gal)	To Total	Revenue	Current Rate	(000 Gal)	Billings	Ciales	7
Present Pro Forma Rates Proposed Pro Forma Rates	% Chan	Change	To Total	i otali	Proposed	Sales	% Revenue	Total		Sales	Melar	Class!	3
Rober	Revenu	Dollar	R Davenije	Takel	Proposed From			na Rates	Present Pro Forr		Customer		
	Total			Coton	1		_					***************************************	
												Water Districts	

Case No. WR-2000-281 Schedule JMW-1 Page 4 of 8

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 Schedule JMW-1 Page 5 of 8

Test Year at Present Rates vs. Proposed Rates Total Company

Continue	Missou	Missouri Public Service Commission Company, Missouri-American Water Company	mmisslon :an Water Comp	Au Au A								Casse	Case No. WR-2000-281 Schedule JMW-1 Page 6 of B
Classified Obligation Classified Continued Speciment Total office Speciment Speciment Total office Speciment Total office Speciment Speciment Total office Speciment Speciment <t< th=""><th></th><th>Water Disorces</th><th></th><th></th><th>2</th><th></th><th>-</th><th></th><th>Proposed Pro F</th><th>orma Rates</th><th></th><th></th><th>Total</th></t<>		Water Disorces			2		-		Proposed Pro F	orma Rates			Total
Charactery Make State (2000 call) Contemporation Figure (2000 call) Contemporation Figure (2000 call) Figure (2000 call)<			Customer		Present Pro Fo	Total	% Revenue	Sales	Proposed	Total	% Revenue	Dollar	Revenue
Open Witten State of the control of the c		Class/ Description	Meter Billings	Sales (000 Gal)	Current Rate	Revenue	To Total	(000 Gal)	Rate	Revenue	To Total	Change	S Change
Characteristic Char		•						Customer					
Series of Exercises SES 64 \$7.1 0.01% 12.0 \$1.0 0.00% \$1.4 Ser Monthly 2.0 1.7 2.0 0.00% 2.0 0.00% \$1.4 Ser Monthly 2.0 1.7 2.0 0.00% 2.0 0.00% \$1.2 Z Monthly 2.0 1.7 2.0 0.00% 2.0 0.00% \$1.0 Z Monthly 2.0 0.0 2.0 0.0 2.2 0.0 0.0 \$1.0 Z Monthly 2.0 0.0		Other Water Utilities	12					Billings				;	7
Michaelty 120 755-94 0.00%	-	Minimum Charge:	!		10.0	5	1 25 6	120	\$7.08	\$85	0.00%	\$15	19.72
SWINDTIFF COLOR		5/8" Monthly	12.0			- (3000	5	9.12	0	9,000	0	000
Vibratishy 220 1 (277) 247 0.00% 2244 1 (3) (10 0.00% 2244 1 (3) (10 0.00% 2244 1 (3) (10 0.00% 2244 1 (3) (10 0.00% 2244 1 (3) (10 0.00% 2 (3) (10) 0.00% <th< td=""><td></td><td>3/4" Monthly</td><td>0.0</td><td></td><td>8.</td><td>) i</td><td>0.00%</td><td>38.0</td><td>12.98</td><td>288</td><td>0.01%</td><td>25</td><td>21.059</td></th<>		3/4" Monthly	0.0		8.) i	0.00%	38.0	12.98	288	0.01%	25	21.059
Tuning book Columny book </td <td></td> <td>1" Monthly</td> <td>23.0</td> <td></td> <td>10.77</td> <td>247</td> <td>0.02%</td> <td>0.00</td> <td>2 4</td> <td>0</td> <td>9,000</td> <td>0</td> <td>0.00</td>		1" Monthly	23.0		10.77	247	0.02%	0.00	2 4	0	9,000	0	0.00
Type controls SSEQ	_	1 1/2" Wthly	0.0		18.73	0	6.00%	0. 6	3 2	13 109	96296	2,183	20.09%
Type control ESCO SOLS 3,285 0,27% BOLD BOLD BOLD 1,377 1,374 <		2" Monthly	386.0		28.28	10,916	0.90%	0.000	3 8	9 030	7,04%	654	19.91%
F. Mounthy 060 68.34 7 804 0.66% 960 158.25 1,198 <		3" Monthly	65.0		50.54	3,285	0.27%	99.0	20,00	9787	0.47%	1.577	19.95%
Friendity 35.0 161.55 5.844 0.46% 35.0 144.20 0.00% 1/164 of Chry 0.0 2.2 5.871 0.46% 25.0 144.20 0.00% 1/164 of Chry 0.0 2.2 0.00% </td <td></td> <td>4" Monthly</td> <td>0.96</td> <td></td> <td>82.34</td> <td>7,904</td> <td>0.65%</td> <td>5. S</td> <td>0/98</td> <td>000</td> <td>378</td> <td>1138</td> <td>20.08</td>		4" Monthly	0.96		82.34	7,904	0.65%	5. S	0/98	000	378	1138	20.08
Full country 220 5917 0.48% 230 308.78 7,101 0.00% 0.00% off Cohy 0.0 0.00% NA 0.0 0.00% 0.00		6" Monthly	35.0		161.85	5,864	0.46%	35.0	184.28	900	2000	1184	20.03
Ser Conty, One of the control of the contro		F" Monthly	23.0		257.26	5,917	0.49%	23.0	308.76	IOT.'	8000		Ž
94° Clay 1 0.00** NAM 0.00**		FAC TOTAL	0		17.82	0	96000		¥	0	0.00%	•	2 2
1/2 custrety 0.0 0.00%		36 Culy	2 6	•	22.80	Q	9,000	•	Y.	Ò	0.00%	•	2 2
TriCutativity		SA CETY	9 6		1 6	¢	%00°0		¥2	0	0.00%	0	2 7
1/12/Clity 0.0 0.00% 0		1" Quarterly	9		2 43		%00 o		¥.	0	9,000	•	Z
2** Quantratify 0.00 151 s2 0.000% NA 0 0.00% 0.00% 3** Quantratify 0.00 151 s2 0.000% 4.72% 284 462 3.2353 861 43 4.77% 385 49 Youndrith Chaptes 475,239 1.0851 520,435 4.27% 284 462 3.2353 861 43 4.77% 385 549 Feet Block 475,239 1.0851 520,435 4.27% 475,239 1.8280 868 738 43.00% 384 303 Second Block 465,210 0.6451 3.22% 485,210 1.4107 686,732 32.40% 283,123 Fourth Block 1,031,437 0.5860 9.686 48.17% 1.704 0.211 (56,720) Fourth Block 1,031,437 0.5860 9.687 48.17% 1.704 0.211 (56,720) Fourth Block 1,031,407 1.005 48.17 1.006 48.17 1.704 0.00% 1.704 0.00% Adjustment to Bli Analysis for recording to Block 1.0		11/2" Qtriy	0.0		200	• •	76000		¥X	0	0.00%	0	Z
3° Culturatiny 0.00 151,62 0.00 0.00 3° Culturatiny 0.0 151,62 0.00 1		2 Quarterly	0.0		\$ 5	•	7000		A/A	0	0.00%	0	Z
Volumetric Chatons Monthly Chatons 29,462 57,594 4,72% 29,462 3,2633 96,143 4,77% 38,549 First Block Farst Block 475,239 1,6240 4,72% 472% 29,462 3,2633 96,143 4,77% 38,549 Farst Block 475,239 1,0851 520,435 4,27% 477% 477% 34,00% 34,00% 34,00% 34,830 Fourth Block 495,210 0,6451 393,140 32,22% 465,210 1,4107 666,277 32,49% 289,173 Fourth Block 1,031,437 0,6867 989,891 48,17% 1,031,437 0,680 97,279 1,4107 666,277 32,49% 289,871 Fourth Block 1,031,437 0,680 980,140 -32,20% (897,279) 1,4107 684,778 \$17,116 678,779 468,778 \$17,116 678,779 47,117 47,117 47,117 47,117 47,117 47,117 47,117 47,117 47,117 47,117 47,117 </td <td></td> <td>3" Quarterly</td> <td>0.0</td> <td></td> <td>151.62</td> <td>•</td> <td>8000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		3" Quarterly	0.0		151.62	•	8 000						
Volumetric Charges Monthly Light 28,482 57,594 4,72% 29,482 3.2633 96,143 477% 38,549 Monthly Evet Block 475,239 1,6851 520,485 42,71% 475,239 1,6290 868,736 43,00% 349,303 First Block 475,239 1,6851 520,485 42,71% 465,210 1,4107 666,722 32,49% 283,123 Full Block 1,031,437 0,5691 689,891 48,17% 1,031,437 0,960 67,729 465,710 1,4107 66,272 32,49% 283,123 Full Lis and Condits 1,031,437 0,5691 689,991 -32,00% (887,279) 1,4107 66,272 32,11% (256,720) Fee Bil Analysis for recordis 1,00% 1,00% 4 1,704 0,00% 57,744 0,00% 57,744 0,00% 57,744 0,00% 57,744 0,00% 57,744 0,00% 57,744 0,00% 57,744 0,00% 20,00% 0,00% 0,00% 0,00% </td <td>19</td> <td></td>	19												
Volumentic Changes Volumentic Changes Volumentic Changes 4.72% 28,482 28,6482 3.2633 96,143 4.77% 38,549 Monthly 28,485 1,0851 57,594 4,72% 29,482 3.2633 96,143 4.77% 348,303 Second Block 475,239 1,0851 32,048 42,71% 475,239 1,4107 656,272 32,48% 284,303 Third Block 485,210 0,8451 32,28% 465,210 1,4107 656,272 32,48% 283,123 Full's and Charles Fourth Block 1,031,4073 0,589 90 -22,00% (687,279) 1,221,40 0,224,40 46,571 1,4107 32,11% 6,584,70 32,11% 32,11% 6,584,70 32,11% 32,11% 6,584,70 32,11%	8												
Monthly First Block 29,462 1,9548 57,594 4,72% 29,462 3,2643 961,43 4,77% 38,549 First Block 475,239 1,8280 968,739 1,8280 968,739 43,00% 38,549 Fear Block 455,239 1,0851 520,445 520,445 42,77% 475,239 1,8280 868,732 32,49% 288,333 Fear Block 465,210 0,8451 393,149 32,26% 465,210 1,4107 664,710 32,49% 383,333 Fear Block 41,034,437 0,5691 586,891 48,17% 1,031,437 0,9500 46,5170 46,5170 32,44% 392,314		Volumetric Charges											
Firet Block 29,482 1,9548 57,584 4,72% 4,27% 4,27% 4,27% 4,27% 4,300 888,736 43,00% 348,303 Second Block 465,270 1,4107 656,772 32,49% 328,123 383,123 Tried Block 465,270 1,4107 656,772 32,29% 485,779 1,4107 656,772 32,49% 383,123 FAL's and Chedits (687,279) 1,631,437 0,5691 -32,00% (687,279) 1,4107 656,779 32,11% 258,770 FAL's and Chedits (687,279) -32,00% (687,279) -32,00% (687,279) -32,11% 678,770 97,774 0,05% 97,774 97,774 0,05% 97,774 <td></td> <td>Monthly</td> <td></td> <td></td> <td></td> <td></td> <td>,</td> <td>5</td> <td>2 3630</td> <td>06 143</td> <td>4.77%</td> <td>38,549</td> <td>68.93</td>		Monthly					,	5	2 3630	06 143	4.77%	38,549	68.93
Second Block 475,239 1,0851 550,435 42,77% 470,239 1,4107 656,772 32,49% 283,123 Third Block 485,210 0,8451 392,149 32,29% 465,210 1,4107 656,772 32,49% 283,123 Fourth Block (867,279) 0,8451 392,149 32,29% (887,279) 1,704 0,08% 46,517 32,11% (584,720) 678,727 392,874 392,87		First Block		29,462	1.9548	57,594	47.7	794'87	20707	868 738	43 00%	348,303	66.93
Third Block 465 210 0.8451 393 149 32.2% 495.210 1,331,437 0.8567 979,865 46.51% 392,874 Fourth Block 1,031,437 0.5691 586,891 48.17% 1,031,437 0.8500 879,865 46.51% 392,874 Fell's and Credits (887,279) (887,279) 1,031,437 0.08% 4 4 1,704 0.08% 679 Recordile to Books 1,314,073 1,314,073 1,314,073 4 1,704 0.08% 6779 678 678 Per Bill Analysis for recouling 1.0 1,005 98,74% 1,314,073 1,314,073 1,314,073 22.11% 0.08% 6778 578 6.01% 40 22.11% 6.06% 6778 578 6.01% 40 22.11% 6.06% 6.06% 6.06% 40 22.11% 6.06% 6.06% 40 22.11% 6.06% 6.06% 6.06% 6.06% 6.06% 6.06% 40 6.06% 6.06% 6.06% 6.06% </td <td></td> <td>Second Block</td> <td></td> <td>475,239</td> <td>1.0951</td> <td>520,435</td> <td>42.77%</td> <td>470,238</td> <td>1.0200</td> <td>958 777</td> <td>30 A94</td> <td>263.123</td> <td>68.93</td>		Second Block		475,239	1.0951	520,435	42.77%	470,238	1.0200	958 777	30 A94	263.123	68.93
Fourth Block 1,031,437 0.5891 586,891 48.17% 1,031,437 0.5891 586,891 48.17% 1,031,437 0.5892 0.5842 686,7279 0.5892 0.5893 0.5994		Third Block		465,210	0.8451	393,149	32.20%	012,004) O 10 C	200 070	48 51%	392.874	66.93
FAL's and Credits (887,279) (389,990) -32,00% (887,279) (848,710) -32,11% (284,720) Recordie to Books 4 1,025 0.09% 4 1,704 0.08% 679 Per Bill Analysis for renouting 1,314,073 \$1,303,208 98,71% 1,314,073 \$1704 0.08% 679 T Monthly 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 402 1.314,073 \$1.00 \$1.0 1.0		Fourth Block		1,031,437	0.5691	586,891	48.1/%	/c4,rcu,r	0008:0	200		i Ī	
FAL's and Chedits (887,279) (389,890) -32,00% (897,179) (704) (0.00% 678 Recordis to Books 1,314,073 1,105 0.08% 1,314,073 1,704 0.08% 678 Per Bill Analysis 1,314,073 1,004 1,314,073 1,314,073 1,004 1,006% 1,006% 1,006% 1,004 1,006% 1,004 1,004 1,004 1,004 1,004 1,004 1,006% 1,004 1,00	12							1000		(048 740)	.32 11%	(258.720)	98.34
Recordile to Books 4 1,025 0,08% 4 1,314,073 \$1,984,826 98.75% \$791,618 Per Bill Analysis 1,314,073 \$1,304,073 \$1,984,826 98.75% \$791,618 Adjustment to Bill Analysis for recording 1,0 11 0,00% 2 1 Monthly 1,0 188 0,02% 40 2 Monthly 1,0 1,9548 7,784 1,9549 0,01% 32 6" Monthly 1,0 402 1,9549 7,784 1,9280 0,01% 528 6" Monthly 1,0 2 0,00% 402 3,2833 1,312 0,00% 5,28 6" Monthly 1,0 2 0,00% 402 3,2833 1,312 0,00% 5,68 5,586 0,8451 0,70% 7,754 1,8280 0,19% 0,00% 3,159 First Block 1,222 0,850 1,4107 7,000% 2,586 0,10% 4,68 Fouth Block 1,222 0,		FAL's and Credits		(687,279)		(369,890)	-32.00%	(877'100)		4 704	2000	678	98.24
Per Bill Analysis for reouting 1,314,073 \$1,203,208 98,74% 1,314,073 \$1,000% 2 1** Monthly 1.0 186 0.02% 402 194 0.01% 40 2** Monthly 1.0 186 0.02% 402 3,2633 1,312 0.01% 32 6** Monthly 1.0 257 0.02% 402 3,2633 1,312 0.06% 52 6** Monthly 1.0 402 1,8548 7,754 1,8280 14,174 0.06% 5,683 Second Block 7,754 1,9851 8,491 0.70% 7,754 1,8280 14,174 0.70% 5,683 First Block 7,754 1,8280 14,174 0.70% 7,754 1,8280 0.39% 3,159 Third Block 5,586 0.8451 695 0.06% 1,107 7,784 1,810 0.06% 4,66 Fourth Block 1,222 0.05% 1,222 0.06% 1,410 7,000% 7,764		Reconcile to Books	ļ	4	1	1,025	0.08%	4	I	E4 004 828	25.50	\$791.618	65.79
Adjustment to Bill Analysis for rerouting 1 Monthly 1.0 2 Monthly 1.0 3 Monthly 1.0 4 Monthly 1.0 5		Per Bill Analysis	. [1,314,073	ı	\$1,203,208	98.74%	1,314,0/3	1	070,400,14	201100		
1* Monthly 1.0 11 0.00% 238 0.01% 40 2* Monthly 7.0 162 0.02% 238 0.01% 40 6* Monthly 1.0 257 0.07% 402 3.2833 1,312 0.06% 52 6* Monthly 1.0 257 0.07% 402 3.2833 1,312 0.06% 52 6* Monthly 1.0 7,754 1.0851 8,491 0.70% 402 3.2833 1,312 0.06% 5.26 5* Sead Block 7,754 1.0851 8,491 0.70% 7,754 1,4174 0.10% 5,683 5* Sead Block 5,586 0.8451 4,721 0.39% 5,586 1,4107 7,890 0.09% 466 Fourth Block 1,222 0.6501 0.6500 0.06% 0.06% 2,700,417 1,00,0% 2,700,417 1,00,0% 4,66		Adjustment to Bill Anal	lysis for rerouting							ţ	36000	6	18.18
2" Monthly 7.0 198 0.02% 2.30 0.01% 32 of Monthly 1.0 402 1.9548 786 0.06% 402 3.2833 1,312 0.06% 5.26 First Block 7,754 1,0851 8,481 0.70% 7,754 1,8280 14,174 0.70% 5,883 Second Block 5,586 0.8451 4,721 0.39% 5,589 1,4107 7,780 0.09% 5,159 Fourth Block 1,222 0.5601 695 0.06% 1,161 0.06% 5,169 Fourth Block 1,222 0.8500 1,161 0.06% 5,178 4,168		1" Monthly	0,1			=	0.00%			2 8	3600	, 4	20.00
6"Monthly 1.0 257 0.07% 309 0.02% 52 52 52 53 53 54 52 54 52 54 54 54 54 54 54 54 54 54 54 54 54 54	•	2" Monthly	7.0			198	0.02%			62.5	R 2	3 8	19 75
8" Monthly 1.0 257 0.02% 402 3.2633 1.312 0.06% 5.26 First Block 7,754 1.0851 8.481 0.70% 7,754 1.8280 14,174 0.70% 5,883 8.00% 1,222 0.9500 1.161 0.06% 8.3159 Fourth Block 1,222 0.5691 0.06% 1.222 0.06% 1,161 0.06% 8891578 4		5" Monthly	1,0			162	0.01%			£ 8	36.00	6	20.00
First Block 402 1.9548 788 0.00%, 402 3.2553 1.512 0.00% 5.883 8.601 1.0051 8.401 0.07% 7.754 1.8280 14,174 0.70% 5,683 8.500 8.558 1.4107 7.880 0.39% 3,159 1.4107 7.880 0.39% 3,159 1.4107 7.880 0.39% 4.66 Fourth Block 1,161 0.06% 4.66 Fourth Block 1,222 0.9500 1.00% 8801.578 4	_	8" Monthly	.			257	0.02%	•	0000	. 24.5	350 C		88
Second Block 7,754 1.0851 8,491 0,77% 7,754 1.8290 (4,174 0.17% 0,		First Block		402	1.9548	786	0.06%	704	9.2033	1,0,1	0.00%	A 683	8
Third Block 5,586 0.8451 4,721 0.39% 5,586 1,4107 7,000 0.35% 468 Fourth Block 1,222 0.9500 1,161 0,06% 468		Second Block		7,754	1.0951	8,491	0.70%	467,7	1.6280	4,1,4	8000	3,159	66.01
Fourth Block 1,222 0,8501 695 0,06% 1,722 0,8500 1,101 0,000 801,578 4	•	Third Block		5,586	0.8451	4,721	0.39%	5,588	1.410/	7,890	Rec'o	, 158 188	87.05
		Fourth Block		1,222	0.5691	695	0.06%	1,222	Bos o	1,101	20.02	C804 578	411 06

Test Year at Present Rates vs. Proposed Rates
Total Company

Missouri Public Service Commission

Company: Missouri-American Water Company Water Districts Miscellaneous
Minimum Charge:
58° Monthly
34° Monthly
1 "Monthly
1 1/2" Withly
2 "Monthly
3 Monthly
6 "Monthly
6 "Monthly
6 Monthly Yohmetric Charges Monthly First Block FAL's and Credits
Reconcile to Books
Per Bill Analysis Second Block Third Block Class Fourth Block 8" Monthly Description Customer Meter 00000000 Sales (000 Gal) 6,784 1,6 6,800 **Current Rate** Present Pro Forma Rates
Total 1.9548 1.0951 0.8451 0.5691 \$5.94 7.80 10.77 18.73 28.28 50.54 82.34 161.85 Revenue 21,428 20,022 \$41,451 00000005 0000 % Revenue To Total 0.00% 0.00% Sales (000 Gal) 6,784 6,800 0000 Proposed Rate Proposed Pro Forma Rates
Proposed Total 3,2633 1,8280 1,4107 0,8500 \$7,08 8,12 12,96 22,44 33,96 60,60 98,76 194,28 308,76 Revenue 21,429 20,022 \$41,451 0000 % Revenue To Total 51.70% 48.30% 100.00% 0.00% 0.00% Dollar Change 800 00000000 0000 % Change Revenue Total 0.00% 0.00% 0.00%

Case No. WR-2000-281 Schedule JMW-1 Page 7 of 8

٤

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 Schedule JMW-1 Page 8 of 8

	· · · · · · · · · · · · · · · · · · ·							
		Number	Preser	nt	Propo	sed		Total
Line	Connection	of	Annual		Annual		Dollar	Revenue
No.	Size	Hydrants	Rates	Revenue	Rates	Revenue	Change	% Change
1		ŕ						
2								
3	Private Fire							
4	Service:							
5				***	******	\$405.070	\$54,243	66.94%
6	Private Fire Hydrant	146	555.00	\$81,030	926.52	\$135,273	\$54,245	00.0476
7					132.84	1,462	585	68.70%
8	2*	11	79.56	877	132.04	1,402	000	00.1070
8			136.68	137	228.12	228	91	66.42%
10	3"	1	130.00	137	220.12	220	•	44
11	4"	119	216.84	25,804	382.04	43,083	17,279	66,96%
12 13	4	119	210,04	20,004	002.0	,		
14	6"	341	444.72	151,649	742.44	253,172	101,523	66.95%
15	· ·	511		1-1,575				
18	g** ·	228 -	765.24	174,475 -	1,277.40	291,247	116,772	66.93%
17	•			•	•			
18	10*	36	1,176.24	42,344	1,963.58	70,688	28,344	66.94%
19								
20	12"	9	1,677.12	15,094	2,799.72	25,198	10,104	66.94%
21			_					
	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								

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

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

		Pres	sent Pro Forma Ra	ites	Propo	osed Pro Forma F	tates		Total
Line	Class/	Sales	Total	% Revenue	Sales	Total	% Revenue	Dollar	Revenue
No.	Description	(000 Gal)	Revenue	To Total	(000 Gal)	Revenue	To Total	Change	% Change
1		•							
2									
3	Monthly Billing:								
4	•								
5	Residential	18,596	\$66,283	56.45%	18,596	\$96,387	54.70%	\$30,104	45.42%
6	Commercial	5,876	17,270	14.71%	5,876	25,884	14.69%	8,614	49.88%
7	Industrial	385	1,079	0.92%	385	1,650	0.94%	571	52.92%
В	Other Public Authority	735	2,126	1.81%	735	3,222	1.83%	1,096	51.55%
9	Other Water Utilities	21,572	25,801	21.97%	21,572	42,501	24.12%	16,700	64.73%
10	Miscellaneous	23	55	0.05%	23	55	0.03%	0	0.00%
11	Private Fire	0	2,554	2.18%	0	4,265	2.42%	1,711	66.99%
12			-					·	
13	Total -	- 47, 187	\$115,168	98.09%	47,187	\$173,964	98.73%	\$58,796	51.05%
14		<u> </u>						 	
15	Miscellaneous Revenues								
16	Reconnect Charges		780	0.66%		780	0.44%	0	0.00%
17	Returned Check Charge		84	0.07%		84	0.05%	0	0.00%
18	Application Fee		1,360	1.16%		1,360	0.77%	0	0.00%
19	Miscellaneous Other Rev		24	0.02%		24	0.01%	0	0.00%
20	Rents From Water Property		0	0.00%		0	0.00%	0	0.00%
21	, ,								
22			\$117,416	100.00%	_	\$176,212	100.00%	\$58,796	50.07%
23		, -							

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Schedule JMW-1A Page 2 of 8

		Customer		Present Pro Fo	rma Rates	_ 1		Proposed Pro I	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	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	Volumetric Charges	Ĭ										
20	First Block		18,372	1,9548	35,914	54.17%	18,372	3,2633	59, 95 3	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%		_	60	0.06%	19	46.34%
26	Per Bill Analysis		18,443	<u>-</u>	\$64,758	97.69%	18,443		\$94,426	97.97%	\$29,668	45.81%
27												
28	Adjustments due to	Weather Normaliza	tion And Custome	r Growth.								
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	0.00%
38	2" Monthly	2		28.28	57	0.09%		33.96	68	0.07%	11	19.30%
39	Total		18,596	<u> </u>	\$66,283	100.00%	18,596		\$96,387	100.00%	\$30,104	45.42%
40		-										

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Schedule JMW-1A Page 3 of 8

		Customer		Present Pro Fo	orma Rates	!		Proposed Pro		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	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		16.73	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												
15												
16												
17												
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	<u> </u>	\$23,447	90.59%	\$7,705	48.95%
27	Adjustments due to V	Veather Normaliza	tion And Custome									
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%
	5/8" Monthly	32		5.94	190	1.10%		7.08	227	0.88%	37	19.47%
	3/4" Monthly	0		7.60	0	0.00%		9.12	0	0.00%	0	0.00%
	1" Monthly	2		10.77	22	0.13%		12.96	26	0.10%	4	18,18%
	1 1/2" Mthly	0		18.73	0	0.00%		22.44	0	0.00%	0	0.00%
	2" Monthly	1		28.28	28	0.16%		33.96	34	0.13%	6	21.43%
	3" Monthly	0		50.54	0	0.00%		60.60	0	0.00%	0	0.00%
38	4" Monthly	σ		82.34	0	0.00%		98.76	0	0.00%	0	0.00%
	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%

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

Case No. WR-2000-281 Schedule JMW-1A Page 4 of 8

		Out made		Present Pro Fo	rma Datae	1		Proposed Pro	Forma Rates			Total
Line	Class/	Customer _ Meter	Sales	Present Plo Pt	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	Industrial	Dinning.	(000)	-5.1.5.111			,					
2	Minimum Charge:											
3	5/8" Monthly	12.0		\$5,94	\$71	6.58%		\$7.08	\$85	5.15%	\$14	19,72%
4	3/4" Monthly	0.0		7.60	0	0.00%		9.12	0	0.00%	.0	0.00%
5	1" Monthly	24.0		10.77	258	23.91%		12.96	311	18.85%	53	20.54%
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	·											
13	•		•	•		•		•		•		•
14												
15												
16												
17												
18	Volumetric Charges											
19	First Block		388	1.9548	758	70.25%	388	3.2633	1,266	76.73%	508	67.02%
20	Second Block		0	1.0951	0	0.00%	0	1.8280	0	0.00%	0	0.00%
21	Third Block		0	0.8451	O	0.00%	0	1,4107	0	0.00%	0	0.00%
22	Fourth Block		0	0.5691	0	0.00%	0	0.9500	0	0.00%	0	0.00%
23			•									
	FAL's and Credits		(4)		(8)	-0.74%	(4)		(12)	-0.73%	(4)	50.00%
25	Reconcile to Books		1		0	0.00%	1		Ò	0.00%	Ő	0.00%
	Per Bill Analysis	-	385		\$1,079	100.00%	385		\$1,650	100.00%	\$571	52.92%
27	•			-				_		· · · · · · · · · · · · · · · · · · ·	<u> </u>	

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

Case No. WR-2000-281 Schedule JMW-1A Page 5 of 8

		Customer		Present Pro Fo	orma Rates	1		Proposed Pro		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 Auth	nority:										
3	Minimum Charge:										***	40.00%
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%
13	•		•		•		•		•		•	·
14												
15												
16												
17												
18												
19												
20												
21	Volumetric Charges	5.										
22	<u>Monthly</u>											
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%	σ	1.8280	O	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	. <u> </u>	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%
35					_		_		_		_	

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

Case No. WR-2000-281 Schedule JMW-1A Page 6 of 8

		Customer		Present Pro Fo	ma Rates	1		Proposed Pro		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 Water Utiliti	es;										
3 1	Minimum Charge:											
4 5	5/8" Monthly	12.0		\$5.94	\$71	0.28%		\$7.08	\$85	0.20%	\$14	19.72%
5 3	3/4" Monthly	0.0		7.60	0	0.00%		9.12	0	0.00%	0	0.00%
6 1	1" Monthly	12.0		10.77	129	0.50%		12.96	156	0.37%	27	20.93%
7 1	1 1/2" Mthly	0.0		18.73	0	0.00%		22.44	0	0.00%	0	0.00%
8 2	2" Monthly	36.0		28.28	1,018	3.95%		33,96	1,223	2.88%	205	20,14%
9 3	3" Monthly	0.0		50,54	0	0.00%		60,60	0	0.00%	0	0.00%
10 4	4" Monthly	0.0		82.34	0	0.00%		98,76	0	0.00%	0	0.00%
11 6	5" Monthly	0.0		161.85	0	0.00%		194.28	0	0.00%	0	0.00%
12 8	3" 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>V</u>	/olumetric Charges											
22 N	<u>Aonthly</u>											
23 F	irst Block		1,200	1.9548	2,346	9.09%	1,200	3,2633	3,916	9.20%	1,570	66.92%
24 S	Second Block		20,089	1.0951	21,999	85.26%	20,089	1.8280	36,723	86.41%	14,724	66.93%
25 T	hird Block		282	0.8451	238	0.92%	282	1,4107	398	0.94%	160	67.23%
26 F	ourth Block		0	0.5691	0	0.00%	0	0.9500	0	0.00%	0	0.00%
27												
28 F	AL's and Credits		0		0	0.00%	0		0	0,00%	0	0.00%
29 R	Reconcile to Books		1		0	0.00%	1		0	0.00%	0	0.00%
30 P	er Bill Analysis		21,572		\$25,801	100.00%	21,572		\$42,501	100.00%	\$16,700	64.73%
31		_					_			· · · · · · · · · · · · · · · · · · ·		

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

Casa No. WR-2000-281 Schedule JMW-1A Page 7 of 8

Line Class/ Meter Sales Total % Revenue Sales Proposed Total No. Description Billings (000 Gal) Current Rate Revenue To Total (000 Gal) Rate Revenue 1 2 Miscellaneous 3 Minimum Charge: 4 5/8" Monthly 0.0 \$5.94 \$0 0.00% \$7.08 \$0	0.00%	Dollar Change	Revenue % Change 0.00%
1 2 Miscellaneous 3 Minimum Charge:	0.00% 0.00%	\$0	•
2 Miscellaneous 3 Minimum Charge:	0.00%		0.00%
3 Minimum Charge:	0.00%		0.00%
	0.00%		0.00%
4 5/9* Monthly 0.0 \$5.04 \$0 0.00% \$7.08 \$0	0.00%		0.00%
5 3/4" Monthly 0.0 7.60 0 0.00% 9.12 0		0	0.00%
6 1" Monthly 0.0 10.77 0 0.00% 12.96 0		0	0.00%
7 1 1/2" Mthly 0.0 18.73 0 0.00% 22.44 0		0	0.00%
8 2" Monthly 0.0 28.28 0 0.00% 33.96 0		0	0.00%
9 3" Monthly 0.0 50.54 0 0.00% 60.60 0		٥	0.00%
10 4" Monthly 0.0 82.34 0 0.00% 98.76 0		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 21 49 89.09% 21 49	89.09%	0	0.00%
33 Reconcile to Books 2 6 10,91% 2 6	10.91%	0	0.00%
34 Per Bill Analysis 23 \$55 100.00% 23 \$55	100.00%	\$0	0.00%
35			

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

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

		Number _	Prese	nt	Prop	osed		Total
Line	Connection	of _	Annual		Annual		Dollar	Revenue
No.	Size	Connections	Rates	Revenue	Rates	Revenue	Change	% Change
1								
2								
3	Private Fire							
4	Service:							
5	Below A. Effect Only	•	FEE 00	64 CCE	926.52	\$2,780	\$1,115	66,97%
5	Private Fire Hydrant	3	555,00	\$1,665	920.52	\$2,700	\$1,115	00.37 78
, a	2™	0	79.56	0	132.84	0	0	0.00%
9	2	ŭ	75.50	·	102.0	•		
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		_		_		•		0.000
16	8*	0	765 ,24	0	1,277.40	0	0	0.00%
17	10"	•	4 47004	•	4 000 50	0	O	0.00%
18 19	10	0	1,176.24	0	1,963.56	U	u	0,00%
20	12"	0	1,677.12	0	2,799.72	0	0	0.00%
21		· ·	1,077,12	v	2,700.12	·	•	0,00%
22	Total Billed	5	-	\$2,554	_	\$4,265	\$1 ,711	66.99%
23		<u>_</u>	•		_	¥ 1,1		70.55
24 25								

Missouri Public Service Commission

Company: Missouri-American Water Company

Water Districts

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

		Pres	ent Pro Forma Ra	tes	Prop	osed Pro Forma Ra	tes		Total
Line	Class/	Sales	Total	% Revenue	Sales	Total	% Revenue	Dollar	Revenue
No.	Description	(000 Gal)	Revenue	To Total	(000 Gal)	Revenue	To Total	Change	% Change
1									
2									
3	Monthly Billing:								
4									
5	Residential	1,337,072	\$4,070,923	53.47%	1,337,072	\$6,105,022	52.16%	\$2,034,099	49.97%
6	Commercial	1,011,202	1,924,868	25.28%	1,011,202	3,050,798	26.07%	1,125,930	58.49%
7	Industrial	772,109	791,628	10.40%	772,109	1,308,696	11.18%	517,068	65.32%
8	Other Public Authority	136,112	227,546	2.99%	136,112	360,178	3.08%	132,632	58.29%
9	Other Water Utilities	263,551	268,035	3.52%	263,551	445,629	3.81%	177,594	66.26%
10	Miscellaneous	1,373	2,683	0.04%	1,373	2,683	0.02%	0	0.00%
11	Private Fire	0	152,509	2.00%	0	254,595	2.18%	102,086	66.94%
12									
13	Total -	3,521,419	\$7,438,192	97.70%	3,521,419	\$11,527,601	98.50%	\$4,089,409	54.98%
14									
15	Miscellaneous Revenues								
16	Reconnect Charges		59,502	0.78%		59,502	0.51%	0	0.00%
17	Returned Check Charge		6,688	0.09%		6,688	0.06%	0	0.00%
18	Application Fee		106,840	1.40%		106,840	0.91%	0	0.00%
19	Miscellaneous Other Rev		2,160	0.03%		2,160	0.02%	0	0.00%
20	Rents From Water Property		0	0.00%		0	0.00%	0	0.00%
21					_				
22		_	\$7,613,382	100.00%	_	\$11,702,791	100.00%	\$4,089,409	53.71%
23		_					<u> </u>	<u> </u>	

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

40

Case No. WR-2000-281 Schedule JNW-1B Page 2 of 8

		Customer		Present Pro Fo	rma Rates	1		Proposed Pro F		Total		
Line	: Class/	Meter _	Sales	. ,000 (0.0	Total	% Revenue	Sales	Proposed	Total	% Revenue	Dollar	Revenue
No.	-	Billings	(000 Gal)	Current Rate	Revenue	To Total	(000 Gal)	Rate	Revenue	To Total	Change	% Change
110.	Residential:	Cilli igo	(000 000)		***************************************		•					
,	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%
	1" Monthly	20,893.5		10.77	225,023	5.53%		12.96	270,780	4.44%	45,757	20.33%
5	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%
,	3" Monthly	0.0		50.54	0,	0.00%		60.60	0	0.00%	0	0.00%
0	4" Monthly	0.0		82.34	0	0.00%		98.76	0	0.00%	0	0.00%
10	6" Monthly	0.0		161.85	ő	0.00%		194.28	0	0.00%	0	0.00%
11	8" Monthly	0.0		257.26	ō	0.00%		308,76	0	0.00%	0	0.00%
12	o moritiliy	Q,U		237,20	•	0.0070						
13												
14												
15												
16												
17												
18	Volumetric Charges											
19	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%
20			13,697	1.0951	15,000	0.37%	13,697	1.8280	25,038	0.41%	10,038	66.92%
21	Second Block Third Block		3,000	0.8451	2,535	0.06%	3,000	1,4107	4,232	0.07%	1,697	66.94%
22			2,489	0.5691	1,416	0.03%	2,489	0,9500	2,365	0.04%	949	67.02%
23	Fourth Block FAL's and Credits		,	0.3091	616	0.02%	(11,924)	0.5500	926	0.02%	310	50.32%
24			(11,924) 8		(772)	-0.02%	(11, 324) 8		(1,160)	-0.02%	(388)	50.26%
25 26	Reconcile to Books Per Bill Analysis	-	1,322,555	_	\$3,985,125	97.89%	1,322,555	_	\$5,989,195	98.12%	\$2,004,070	50.29%
	rei bili Alialysis	_	1,322,333	_	40,800,120	07.007	1,022,000	_	40,000,100		144	
27	Adjustments due to \	4 to a the a - \$ a more alia	ation And Customs	ne Cenudh								
28		vesmer normaliz		1.9548	27,969	0.69%	14,308	3.2633	46,691	0.76%	18,722	66.94%
29	First Block		14,308	1.0951	27,969 164	0.00%	150	1.8280	274	0.00%	110	67.07%
30	Second Block		150			0.00%	32	1,4107	45	0.00%	18	66.67%
31	Third Block		32	0.8451	27	0.00%	32 27	0.9500	45 26	0.00%	11	73.33%
32	Fourth Block		27	0.5691	15	0.00%	21	0,9500	26	0,007	11	13.33%
33						4 4544		7.00	57 405	0.049/	0.000	40.4054
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%	4 667 070	33.96	272	0.00%	46 #2.024.000	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%

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Schedule JMW-1B Page 3 of 8

		Customer		Present Pro Fo	rma Rates	1		Proposed Pro F	orma 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	Dim, 180	(000 00)	001,011111110			,					
,	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	•			•		•		•		•		•
14												
15												
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	<u>-</u>	\$2,910,510	95.40%	\$1,072,963	58.39%
27	Adjustments due to \	Neather Normaliz	ation And Custom	er 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%
	3/4" Monthly	16		7.60	122	0.01%		9.12	146	0.00%	24	19.67%
	1" Monthly	204		10,77	2,197	0.11%		12.96	2,644	0.09%	447	20.35%
	1 1/2" Mthly	22		18.73	412	0.02%		22.44	494	0.02%	82	19.90%
	2" Monthly	98		28.28	2,771	0,14%		33.96	3,328	0.11%	557	20.10%
	3" Monthly	0		50,54	0	0.00%		60,60	0	0.00%	0	0.00%
	4" Monthly	0		82,34	Ö	0,00%		98.76	0	0.00%	0	0.00%
	6" Monthly	0		161.85	Ō	0,00%		194.28	0	0.00%	0	0.00%
	Total		1,011,202		\$1,924,868	100.00%	1,011,202		\$3,050,798	100.00%	\$1,125,930	58,49%

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Schedule JMW-1B Page 4 of 8

Customer Present Pro Forms Rates Proposed Pro Forms Rates Proposed Pro Forms Rates No. Description Billings (000 Gal) Current Rate Revenue To Total W. Revenue Rate Revenue To Total W. Revenue To Total W. Revenue To Total W. Revenue To Total To	Revenue % Change 19.15% 19.05% 20.35% 19.81% 20.09% 0.00% 19.94% 20.04% 0.00%
No. Description Billings (000 Gal) Current Rate Revenue To Total (000 Gal) Rate Revenue To Total Change 1 Industrial Wilnimum Change: 3 Minimum Change: 3 58° Monthly 134.5 \$5.94 \$7.99 0.10% \$7.08 \$952 0.07% \$153 4 3/4" Monthly 11.0 7.60 84 0.01% 9.12 100 0.01% 16 5 1" Monthly 209.0 10.77 2.251 0.28% 12.96 2.709 0.21% 458 6 1 1/2" Mthly 45.0 18.73 843 0.11% 22.44 1,010 0.08% 167 7 2" Monthly 394.0 28.28 11,142 1.41% 33.96 13,380 1.02% 2.238 8 3" Monthly 0.0 50,54 0 0.00% 60.60 0 0.00% 0 9 4" Monthly 166.0 82.34 <	19.15% 19.05% 20.35% 19.81% 20.09% 0.00% 19.94% 20.04%
Minimum Charge: 3 5/8" Monthly 134.5 \$5.94 \$7.99 0.10% \$7.08 \$952 0.07% \$153	19.05% 20.35% 19.81% 20.09% 0.00% 19.94% 20.04%
3 5/8" Monthly 134.5 \$5.94 \$799 0.10% \$7.08 \$952 0.07% \$153 4 3/4" Monthly 11.0 7.60 84 0.01% 9.12 100 0.01% 16 5 1" Monthly 209.0 10.77 2.251 0.28% 12.96 2.709 0.21% 458 6 11/2" Mthly 45.0 18.73 843 0.11% 22.44 1,010 0.08% 167 7 2" Monthly 394.0 28.28 11,142 1.41% 33.96 13,380 1.02% 2.238 8 3" Monthly 0.0 50.54 0 0.00% 60.60 0 0.00% 0 9 4" Monthly 166.0 82.34 13,668 1.73% 98.76 16,394 1.25% 2.726 10 6" Monthly 44.0 161.85 7,121 0.90% 194.28 8,548 0.65% 1.427 11 8" Monthly 0.0 257.26 0 0.00% 308.76 0 0.00% 0 12	19.05% 20.35% 19.81% 20.09% 0.00% 19.94% 20.04%
3 5/8" Monthly 134.5 \$5.94 \$799 0.10% \$7.08 \$952 0.07% \$153 4 3/4" Monthly 11.0 7.60 84 0.01% 9.12 100 0.01% 16 5 1" Monthly 209.0 10.77 2.251 0.28% 12.96 2.709 0.21% 458 6 11/2" Mthly 45.0 18.73 843 0.11% 22.44 1,010 0.08% 167 7 2" Monthly 394.0 28.28 11,142 1.41% 33.96 13,380 1.02% 2.238 8 3" Monthly 0.0 50.54 0 0.00% 60.60 0 0.00% 0 9 4" Monthly 166.0 82.34 13,668 1.73% 98.76 16,394 1.25% 2.726 10 6" Monthly 44.0 161.85 7,121 0.90% 194.28 8,548 0.65% 1.427 11 8" Monthly 0.0 257.26 0 0.00% 308.76 0 0.00% 0 12	19.05% 20.35% 19.81% 20.09% 0.00% 19.94% 20.04%
5 1" Monthly 209.0 10.77 2.251 0.28% 12.96 2,709 0.21% 458 6 1 1/2" Mthly 45.0 18.73 843 0.11% 22.44 1,010 0.08% 167 7 2" Monthly 394.0 28.28 11,142 1.41% 33.96 13,380 1.02% 2.238 8 3" Monthly 0.0 50.54 0 0.00% 60.60 0 0.00% 0 9 4" Monthly 166.0 82.34 13,668 1.73% 98.76 16,394 1.25% 2,726 10 6" Monthly 44.0 161.85 7,121 0.90% 194.28 8,548 0.65% 1,427 11 8" Monthly 0.0 257.26 0 0.00% 308.76 0 0.00% 0	20.35% 19.81% 20.09% 0.00% 19.94% 20.04%
6 1 1/2" Mthly 45.0 18.73 843 0.11% 22.44 1,010 0.08% 167 7 2" Monthly 394.0 28.28 11,142 1.41% 33.96 13,380 1.02% 2.238 8 3" Monthly 0.0 50.54 0 0.00% 60.60 0 0 0.00% 0 9 4" Monthly 166.0 82.34 13,668 1.73% 98.76 16,394 1.25% 2.726 10 6" Monthly 44.0 161.85 7,121 0.90% 194.28 8,548 0.65% 1,427 11 8" Monthly 0.0 257.26 0 0.00% 308.76 0 0.00% 0 12 13 13 14 15 15 16 16 17 18 Volumetric Charges	19.81% 20.09% 0.00% 19.94% 20.04%
6 1 1/2" Mtnly 45.0 18.73 843 0.11% 22.44 1,010 0.08% 167 7 2" Monthly 394.0 28.28 11,142 1.41% 33.96 13,380 1.02% 2,238 8 3" Monthly 0.0 50.54 0 0.00% 60.60 0 0.00% 0 9 4" Monthly 166.0 82.34 13,668 1.73% 98.76 16,394 1.25% 2,726 10 6" Monthly 44.0 161.85 7,121 0.90% 194.28 8,548 0.65% 1.427 11 8" Monthly 0.0 257.26 0 0.00% 308.76 0 0.00% 0 12 13 14 15 16 17 18 Volumetric Charges	20.09% 0.00% 19.94% 20.04%
8 3" Monthly 0.0 50,54 0 0,00% 60.60 0 0.00% 0 9 4" Monthly 166.0 82,34 13,668 1.73% 98.76 16,394 1.25% 2.726 10 6" Monthly 44.0 161.85 7,121 0.90% 194.28 8,548 0.65% 1,427 11 8" Monthly 0.0 257.26 0 0.00% 308.76 0 0.00% 0 12 13 14 15 16 17 18 Volumetric Charges	0.00% 19.94% 20.04%
8 3" Monthly 0.0 50.54 0 0.00% 60.60 0 0.00% 0 9 4" Monthly 166.0 82.34 13,668 1.73% 98.76 16,394 1.25% 2.726 10 6" Monthly 44.0 161.85 7,121 0.90% 194.28 8,548 0.65% 1,427 11 8" Monthly 0.0 257.26 0 0.00% 308.76 0 0.00% 0 12 13 14 15 16 17 18 Volumetric Charges	19.94% 20.04%
10 6" Monthly 44.0 161.85 7,121 0.90% 194.28 8,548 0.65% 1,427 11 8" Monthly 0.0 257.26 0 0.00% 308.76 0 0.00% 0 12 13 14 15 16 17 18 Volumetric Charges	20.04%
11 8" Monthly 0.0 257.26 0 0.00% 308.76 0 0.00% 0 12 13 14 15 16 17 18 <u>Volumetric Charges</u>	
12 13 14 15 16 17 18 Volumetric Charges	0.00%
12 13 14 15 16 17 18 Volumetric Charges	•
14 15 16 17 18 <u>Volumetric Charges</u>	•
15 16 17 18 <u>Volumetric Charges</u>	
16 17 18 <u>Volumetric Charges</u>	
17 18 <u>Volumetric Charges</u>	
18 <u>Volumetric Charges</u>	
40 First Older 40 FOO 4 0 FAO 00 007 44 409/ 40 FOO 2 2 454 000 11 549 50 972	
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%

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Schedule JMW-1B Page 5 of 8

Clases	Total			orma Rates	Proposed Pro Fo		1	rma Rates	Present Pro Fo		Customer	Customer Line Class/ Meter			
No. Description Billings (000 Gal) Current Rate Revenue To Total (000 Gal) Rate Revenue To Total Change Method Method Change Method Method Method Change Method Met	Revenue			Total	Proposed	Sales	% Revenue			Sales	_	Class/	Line		
Minimum Charge:	Change	Change	To Total	Revenue	Rate	(000 Gal)	To Total	Revenue	Current Rate	(000 Gal)	Billings		No.		
Minimum Charge:												•	1		
## Ser Monthly 388.5 \$5.94 \$2,367 1.04% \$7.08 \$2.21 0.78% \$454 345 34" Monthly 60.0 7.80 456 0.20% 9.12 547 0.15% 91 6 1" Monthly 467.5 10.77 5.035 2.21% 12.96 6.059 1.69% 1.024 7 1 1/2" Minly 132.0 18.73 2.472 1.09% 22.44 2.962 0.82% 490 8 2" Monthly 550.0 28.28 15.554 6.84% 33.96 18.678 5.19% 3.174 9 3" Monthly 0.0 50.54 0 0.00% 60.60 0 0.00% 0 4" Monthly 48.0 82.34 3.952 1.74% 98.76 4.740 1.32% 788 11 6" Monthly 0.0 161.85 0 0.00% 194.28 0 0.00% 0 12 8" Monthly 0.0 257.26 11,319 4.97% 308.76 13.585 3.77% 2.266 13 44 0.00% 194.28 0 0.00% 0 14 14 0.00% 194.28 0 0.00% 0 15 15 16 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19											hority:	Other Public Aut	2		
38 Worlinly 39.3	10.40%	*454							•			Minimum Charge:	3		
1 Monthly 457.5 10.77 5.035 2.21% 12.96 6.059 1.68% 1.024 7 11/2* Minhy 132.0 18.73 2.472 1.09% 22.44 2.962 0.62% 450 1.68% 3.124 1.09% 22.44 2.962 0.62% 450 1.68% 3.124 1.09% 22.44 2.962 0.62% 450 1.68% 3.124 1.09% 22.44 2.962 0.62% 450 1.68% 3.124 1.09% 22.44 2.962 0.62% 450 0.00% 0.00	19,18% 19,96%											-	•		
7 1 1/2* Minhy 132.0 18.73 2.472 1.09% 22.44 2.962 0.82% 490 8 2* Monthly 550.0 28.28 15.554 6.64% 33.96 18.678 5.19% 3.124 9 3* Monthly 0.0 50.54 0.00% 60.60 0.00% 0 10 4* Monthly 48.0 82.34 3.952 1.74% 98.76 4.740 1.32% 788 11 6* Monthly 0.0 161.85 0.00% 194.28 0.000% 0 12 6* Monthly 0.0 257.26 11.319 4.97% 308.76 13.585 3.77% 2.266 13	20.34%												•		
8 2" Monthly 550.0 26.28 15,554 6.84% 33.96 18,678 5.19% 3.124 9 3" Monthly 0.0 50.54 0 0.00% 60.60 0 0.00% 78 10 4" Monthly 48.0 82.34 3,952 1.74% 98.76 4.740 1.32% 788 11 6" Monthly 0.0 161.85 0 0.00% 194.28 0 0.00% 0 12 6" Monthly 44.0 257.26 11,319 4.97% 308.76 13,585 3.77% 2.266 13 14 15 16 17 18 19 20 17 18 19 20 21 22 24 24 25.26 25.26 26 27 28 26 27 28 29 30 31 31 32 5AL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)	19.82%	•						•					-		
9 3" Morithly 0.0 50.54 0 0.00% 60.60 0 0 0.00% 788 10 0.00% 788 1184 1185 1185 1185 1185 1185 1185 11	20,08%			•											
3 % Monthly 48,0 82.34 3,952 1.74% 98,76 4,740 1.32% 788 11 6" Monthly 0.0 161.85 0 0.00% 194.28 0 0.00% 0 18 Monthly 44,0 257.26 11,319 4.97% 308,76 13,585 3.77% 2,266 13 14 15 16 17 18 19 20 21 <u>Volumetric Charges</u> Monthly 22 Wolling tric Charges Monthly 3 First Block 41,874 1.9548 81,855 35,96% 41,874 3.2633 136,647 37,95% 54,792 24 Second Block 91,555 1.0951 100,262 44,06% 91,555 1.8280 167,363 46,47% 67,101 25 Third Block 0 0.5691 0 0.00% 0 0.9500 0 0.00% 726 Fourth Block 0 0.5691 0 0.00% 0 0.9500 0 0.00% 0 27 28 29 30 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)	0.00%							•					•		
11 6" Monthly 0.0 161.85 0 0.00% 194.8 0 0.00% 0 12 8" Monthly 44.0 257.26 11,319 4.97% 308.76 13,585 3.77% 2.266 13 14 15 16 17 18 19 20 21 Yolumstric Charges 2 Monthly 23 First Block 41,874 1.9548 81,855 35.96% 41,874 3.2633 136,647 37.95% 54,792 24 Second Block 91,555 1.0951 100,262 44.06% 91,555 1.8260 167,363 46.47% 67,101 25 Fourth Block 0 0.5691 0 0.00% 0 0.9500 0 0.00% 726 26 27 28 29 30 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)	19.94%	•						_							
12 6" Monthly 44.0 257.26 11,319 4.97% 308.76 13,585 3.77% 2,266 13	0.00%			,				•					-		
13 14 15 16 17 18 19 20 21	20.02%							-							
14 15 16 17 18 19 19 19 19 19 19 19	20,02%	2,200	3.1176	13,363	308.76		4,9176	11,319	257.26	_	44.0	8" Monthly			
15 16 17 18 19 20 21															
16															
17 18 19 20 21															
18 19 20 21															
19 20															
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 24 Second Block 91,555 1.0951 100,262 44.06% 91,555 1.8280 167,363 46.47% 67,101 25 Third Block 1,283 0.8451 1,084 0.48% 1,283 1.4107 1,810 0.50% 726 26 Fourth Block 0 0 0.5691 0 0.00% 0 0.9500 0 0.00% 0 27 28 29 30 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)															
22 Monthly 23 First Block 41,874 1.9548 81,855 35.96% 41,874 3.2633 136,647 37.95% 54,792 24 Second Block 91,555 1.0951 100,262 44.06% 91,555 1.8280 167,363 46.47% 67,101 25 Third Block 1,283 0.8451 1,084 0.48% 1,283 1.4107 1,810 0.50% 726 26 Fourth Block 0 0 0.5691 0 0.00% 0 0.9500 0 0.00% 0 27 28 29 30 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)											e e	Volumetric Charge			
23 First Block 41,874 1.9548 81,855 35.96% 41,874 3.2633 136,647 37.95% 54,792 24 Second Block 91,555 1.0951 100,262 44.06% 91,555 1.8280 167,363 46.47% 67,101 25 Third Block 1,283 0.8451 1,084 0.48% 1,283 1.4107 1,810 0.50% 726 26 Fourth Block 0 0.5691 0 0.00% 0 0.9500 0 0.00% 0 27 28 29 30 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)											· · ·				
24 Second Block 91,555 1.0951 100,262 44.06% 91,555 1.8280 167,363 46.47% 67,101 25 Third Block 1,283 0.8451 1,084 0.48% 1,283 1.4107 1,810 0.50% 726 26 Fourth Block 0 0.5691 0 0.00% 0 0.9500 0 0.00% 0 27 28 29 30 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)	66.94%	54.792	37.95%	136,647	3 2633	41.874	35.96%	81.855	1.9548	41 874					
25 Third Block 1,283 0.8451 1,084 0.48% 1,283 1,4107 1,810 0.50% 726 26 Fourth Block 0 0.5691 0 0.00% 0 0.9500 0 0.00% 0 27 28 29 30 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)	66.93%	,		•		•		•		•					
26 Fourth Block 0 0.5691 0 0.00% 0 0.9500 0 0.00% 0 0.27 28 29 30 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)	66,97%	•		•		-									
27 28 29 30 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)	0.00%			•				•							
28 29 30 31 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)		•			0,2220	_		•	3.333	•		, 02.01.2	_		
29 30 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)															
30 31 32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)															
32 FAL's and Credits (1,757) (2,131) -0.94% (1,757) (3,374) -0.94% (1,243)															
													31		
	58.33%	(1,243)	-0.94%	(3,374)		(1,757)	-0.94%	(2,131)		(1,757)		FAL's and Credits	32		
	58.26%	261	0.20%	709		2	0.20%	448		2	3	Reconcile to Books	33		
34 Per Bill Analysis 132,957 \$222,673 97.85% 132,957 \$352,547 97.89% \$129,874	58,32%	\$129,874	97.89%	\$352,547		132,957	97.85%	\$222,673	_	132,957		Per Bill Analysis	34		
35 Adjustment to Bill Analysis for rerouting									=	3	Analysis for rerouting	Adjustment to Bill A	35		
36 1" Monthly 4.00 10.77 43 0.02% 12.96 52 0.01% 9	20.93%	9	0.01%	52	12.96		0.02%	43	10.77		4,00	1" Monthly	36		
37 8" Monthly 4.00 257.26 1,029 0.45% 308.76 1,235 0.34% 206	20.02%	206	0.34%	1,235	308.76		0.45%	1,029	257.26		4.00	8" Monthly	37		
38 First Block 402 1.9548 786 0.35% 402 3.2633 1,312 0.36% 526	66.92%		0.36%		3.2633	402	0.35%	786	1,9548	402		First Block	38		
39 Second Block2,753 1.09513,015 1.33% 2,753 1.82805,032 1.40% 2,017	66.90%	2,017			1.8280				1.0951						
40 Total 136,112 \$227,546 100.00% 136,112 \$360,178 100.00% \$132,632	58.29%	\$132,632	100.00%	\$360,178		136,112	100.00%	\$227,546		136, 112	_	Total	40		

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Schedule JMW-1B Page 6 of 8

		Customer		Present Pro Fo	rma Rates	1		Proposed Pro F	orma Rates			Total
Line	Class/	Meter	Sales		Total	% Revenue	Sales	Proposed	Total	% Revenue	Dollar	Revenue
No.		Billings	(000 Gal)	Current Rate	Revenue	To Total	(000 Gal)	Rate	Revenue	To Total	Change	% Change
1	p											
2	Other Water Utilitie	es:										
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" Mthly	0.0		18.73	. 0	0.00%		22.44	0	0.00%	0	0.00%
8	2" Morithly	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%
13	•	•		•		•		•		•		•
14												
15												
16												
17												
18												
19												
20												
21	Volumetric Charges											
22	<u>Monthly</u>											
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	1,8260	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		248,587		\$252,714	94.29%	248,587	_	\$420,348	94.34%	\$167,634	481.68%
31	Adjustment to Bill An	alysis 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%
	Total		263,551		\$268,035	100.00%	263,551	-	\$445,629	100.00%	\$177,594	66.26%
		-										

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

Case No. WR-2000-281 Schedule JMW-1B Page 7 of 8

		Customer						Proposed Pro F		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:											
Ă	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	Q	0.00%	0	1.4107	0	0.00%	0	0.00%
26	Fourth Block		Ö	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%	٥	0.00%
33	Reconcile to Books	_	1_		(2)	-0.07%	1		(2)	-0,07%	Ō	0.00%
34	Per Bill Analysis	_	1,373		\$2,683	100.00%	1,373	_	\$2,683	100.00%	\$0	0.00%
35		_						-				

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

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

	Number		Present		Prop	osed	Dellas	Total Revenue	
Line	Connection	of	Annual		Annual		Dollar Change	% Change	
No.	Size	Connections	Rates	Revenue	Rates	Revenue	Change	70 Chiange	
1									
2									
3	Private Fire								
4	Service:								
5	Date of Proceedings	36	555,00	\$19,980	926.52	\$33,355	\$13,375	66.94%	
6	Private Fire Hydrant	30	333,00	419,800	020.02	*,**-			
8	2**	4	79.56	318	132.84	531	213	66.98%	
9	2	₹	70.00						
10	3"	O	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	•						42 500	ee oaw	
16	8"	83	765.24	63,515	1,277.40	106,024	42,509	66.93%	
17						44 704	4.724	66.94%	
18	10"	6	1,176.24	7,057	1,963.56	11,781	4,724	00.9476	
19		_	4.077.40	F 004	2 702 72	0 200	3,368	66.94%	
20	12"	3	1,677.12	5,031	2,799.72	8,399	3,308	00.5476	
21	Total Dillad	268	_	\$152,509	-	\$254,595	\$102,086	66.94%	
22	Total Billed	200	-	\$102,000	•	V201,000	<u> </u>		
23									
24									
25 26									
20									

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

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

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

		Pres	ent Pro Forma Rai	es	Propo	osed Pro Forma Ra	ates		Total	
Line	Class/	Sales	Total	% Revenue	Sales	Total	% Revenue	Dollar	Revenue	
No.	Description	(000 Gal)	Revenue	To Total	(000 Gal)	Revenue	To Total	Change	% Change	
1										
2										
3	Monthly Billing:									
4										
5	Residential	262,628	\$829,489	52.53%	262,628	\$1,236,608	50.95%	\$407,119	49.08%	
6	Commercial	96,668	219,431	13.89%	96,668	342,365	14.11%	122,934	56.02%	
7	Industrial	233,082	245,426	15.54%	233,082	402,312	16.58%	156,886	63.92%	
8	Other Public Authority	50,305	99,096	6.27%	50,305	157,088	6.47%	57,992	58.52%	
9	Other Water Utilities	119,148	115,656	7.32%	119,148	191,855	7.91%	76, 199	65.88%	
10	Miscellaneous	270	876	0,06%	270	876	0.04%	0	0.00%	
11	Private Fire	0	39,517	2.50%	0	65,968	2.72%	26,451	66.94%	
12										
13	Total •	762,101	\$1,549,491	98,11%	782,101	\$2,397,072	98.78%	\$847,581	54.70%	
14										
15	Miscellaneous Revenues									
16	Reconnect Charges		11,030	0.70%		11,030	0.45%	0	0.00%	
17	Returned Check Charge		684	0.04%		684	0.03%	0	0.00%	
18	Application Fee		17,780	1.13%		17,780	0.73%	O	0.00%	
19	Miscellaneous Other Rev		276	0.02%		276	0.01%	0	0.00%	
20	Rents From Water Property		0	0.00%		0	0.00%	0	0.00%	
21					_		<u> </u>			
22		_	\$1,579,261	100,00%	_	\$2,426,842	100.00%	\$847,581	53.67%	
23		_		· <u>-</u>						

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

40

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

		Customer	Present Pro Forma Rates			J		Proposed Pro F		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	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		•		•					•		•	
14												
15												
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	Meather Normaliza	tion And Custome	r 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	, 02.27 2,000											
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%
-	1 1/2" Mthly	0		18.73	0	0.00%		22.44	0	0.00%	0	0.00%
38	2" Monthly	n		28.28	0	0.00%		33.96	0	0.00%	ō	0.00%
39	Total	-	262,628		\$829,489	100.00%	262,628		\$1,236,608	100.00%	\$407,119	49.08%
-				-	******			-				

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Schedule JMW-1C Page 3 of 8

		Customer		Present Pro Fo	rma Rates	1		Proposed Pro F	orma 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 v	Meather Normaliza	ation And Customer							•		
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	O	0.00%	0	1.4107	0	0,00%	0	0.00%
	Fourth Block		0	0.5691	0	0.00%	0	0.9500	0	0.00%	0	0.00%
	5/8" Monthly	175		5.94	1,040	0.47%		7.08	1,239	0.36%	199	19.13%
	3/4" Monthly	4		7.60	30	0.01%		9,12	36	0.01%	6	20.00%
	1" Monthly	39		10.77	420	0.19%		12.96	505	0.15%	85	20.24%
	1 1/2" Mthly	0		18.73	0	0.00%		22.44	0	0,00%	0	0.00%
	2" Monthly	12		28.28	339	0.15%		33.96	408	0.12%	69	20.35%
	3" Monthly	1		50.54	51	0.02%		60.60	61	0.02%	10	19.61%
	4" Monthly	O		82.34	0	0.00%		98.76	0	0.00%	0	0.00%
	6" Monthly	۰		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%

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

Case No. WR-2000-281 Schedule JMW-1C Page 4 of 8

		Customer				J	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	industrial	Olim igo	(,										
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.O		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 Billi 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		_		_				_			_		

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

Case No. WR-2000-281 Schedule JMW-1C Page 5 of 8

		Customer _		Present Pro For	rma Rates			Proposed Pro F	orma Rates			Total
Line	Class/	Meter	Sales		Total	% Revenue	Sales	Proposed	Total	% Revenue	Dollar	Revenue
No. 1	Description	Billings	(000 Gal)	Current Rate	Revenue	To Total	(000 Gal)	Rate	Revenue	To Total	Change	% Change
2	Other Public Aut	thority:										
3	Minimum Charge:											
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	Ō	0.00%		22.44	Ò	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	Volumetric Charge	<u>es</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 Book	s <u> </u>	3	_	8	0.01%	3_	_	13	0.01%	5	62,50%
	Per Bill Analysis		50,305		\$99,096	100.00%	50,305	_	\$157,088	100.00%	\$57,992	58.52%
35												

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

38 39 40 Case No. WR-2000-281 Schedule JMW-1C Page 6 of 8

	Mater Districts											
		Customer		Present Pro Fo	rma Rates	1.		Proposed Pro I				Total
Line	Class/	Meter	Sales		Total	% Revenue	Sales	Proposed	Total	% Revenue	Dollar	Revenue
No.	Description	Billings	(000 Gal)	Current Rate	Revenue	To Total	(000 Gai)	Rate	Revenue	To Total	Change	% Change
1	Description		, ,									
2	Other Water Utiliti	les:										
3	Minimum Charge:									2 222	\$0	0.00%
4	5/8" Monthly	0.0		\$5.94	\$0	0.00%		\$7.08	\$0	0.00%	\$0 0	0.00%
5	3/4" Monthly	0.0		7.60	0	0.00%		9.12	0	0.00%		0.00%
6	1" Monthly	0.0		10.77	0	0.00%		12.96	0	0.00%	0	
7	1 1/2" Mthly	0.0		18.73	0	0.00%		22.44	0	0.00%	0	0.00%
8	2" Monthly	48.0		28.28	1,357	1.17%		33.96	1,630	0.85%	273	20.12%
9	3" Monthly	24.0		50.54	1,213	1.05%		60.60	1,454	0.76%	241	19.87%
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	· monuny	•		•		•		•		,	•	
14												
15												
16												
17												
18												
19												
20												
21	Volumetric Charges											
22	Monthly	•										
23	First Block		2,412	1.9548	4,715	4.08%	2,412	3.2633	7,871	4.10%	3, 158	66,94%
24	Second Block		45,594	1.0951	49,930	43,17%	45,594	1.8280	83,346	43.44%	33,416	66.93%
25	Third Block		65,049	0,8451	54,973	47.53%	65,049	1.4107	91,765	47.83%	36,792	66.93%
26	Fourth Block		6,094	0.5691	3,468	3.00%	6,094	0.9500	5,789	3.02%	2,321	66,93%
27	I OUIUI DICAR		5,554	0001	_,,				-			
28	FAL's and Credits		a		0	0.00%	0		0	0.00%	0	0.00%
29 29	Reconcile to Books		(1)_		ō	0.00%	(1)		0	0.00%	0	0.00%
30	Per Bill Analysis		119,148		\$115,656	100.00%	119,148	_	\$191,855	100.00%	\$76,199	65.88%
	i e pii viidiyaa	_	, , , , , ,	-	Ţ ,300			-				
31												

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

Case No. WR-2000-281 Schedule JMW-1C Page 7 of 8

Line Class/ Meter Sales Total % Revenue Sales Proposed Total % Revenue Dollar No. Description Billings (000 Gal) Current Rate Revenue To Total (000 Gal) Rate Revenue To Total Change Miscellaneous 3 Minimum Charge 4 5/8" Monthly 0.0 \$5.94 \$0 0.00% \$7.08 \$0 0.00% \$0 5 3/4" Monthly 0.0 7.60 0 0.00% 9.12 0 0.00% 0 6 1" Monthly 0.0 10.77 0 0.00% 12.96 0 0.00% 0 7 1 1/2" Mithly 0.0 18.73 0 0.00% 22.44 0 0.00% 0 8 2" Monthly 0.0 28.28 0 0.00% 33.96 0 0.00% 0	Revenue
1 2 Miscellaneous 3 Minimum Charge: 4 5/8" Monthly 0.0 \$5.94 \$0 0.00% \$7.08 \$0 0.00% \$0 5 3/4" Monthly 0.0 7.60 0 0.00% 9.12 0 0.00% 0 6 1" Monthly 0.0 10.77 0 0.00% 12.96 0 0.00% 0 7 1 1/2" Mithly 0.0 18.73 0 0.00% 22.44 0 0.00% 0 8 2" Monthly 0.0 28.28 0 0.00% 33.96 0 0.00% 0	
3 <u>Minimum Charge:</u> 4 5/8" Monthly 0.0 \$5.94 \$0 0.00% \$7.08 \$0 0.00% \$0 5 3/4" Monthly 0.0 7.60 0 0.00% 9.12 0 0.00% 0 6 1" Monthly 0.0 10.77 0 0.00% 12.96 0 0.00% 0 7 1 1/2" Mthly 0.0 18.73 0 0.00% 22.44 0 0.00% 0 8 2" Monthly 0.0 28.28 0 0.00% 33.96 0 0.00% 0	% Change
3 <u>Minimum Charge:</u> 4 5/8" Monthly 0.0 \$5.94 \$0 0.00% \$7.08 \$0 0.00% \$0 5 3/4" Monthly 0.0 7.60 0 0.00% 9.12 0 0.00% 0 6 1" Monthly 0.0 10.77 0 0.00% 12.96 0 0.00% 0 7 1 1/2" Mthly 0.0 18.73 0 0.00% 22.44 0 0.00% 0 8 2" Monthly 0.0 28.28 0 0.00% 33.96 0 0.00% 0	
4 5/8" Monthly 0.0 \$5.94 \$0 0.00% \$7.08 \$0 0.00% \$0 5 3/4" Monthly 0.0 7.60 0 0.00% 9.12 0 0.00% 0 6 1" Monthly 0.0 10.77 0 0.00% 12.96 0 0.00% 0 7 1 1/2" Mthly 0.0 18.73 0 0.00% 22.44 0 0.00% 0 8 2" Monthly 0.0 28.28 0 0.00% 33.96 0 0.00% 0	
5 3/4* Monthly 0.0 7.60 0 0.00% 9.12 0 0.00% 0 6 1* Monthly 0.0 10.77 0 0.00% 12.96 0 0.00% 0 7 1 1/2* Mthly 0.0 18.73 0 0.00% 22.44 0 0.00% 0 8 2* Monthly 0.0 28.28 0 0.00% 33.96 0 0.00% 0	
6 1" Monthly 0.0 10.77 0 0.00% 12.96 0 0.00% 0 7 1 1/2" Mthly 0.0 18.73 0 0.00% 22.44 0 0.00% 0 8 2" Monthly 0.0 28.28 0 0.00% 33.96 0 0.00% 0	0.00%
7 1 1/2" Mithly 0.0 18.73 0 0,00% 22.44 0 0,00% 0 8 2" Monthly 0.0 28.28 0 0,00% 33.96 0 0,00% 0	0.00%
8 2" Monthly 0.0 28.28 D 0.00% 33.96 0 0.00% C	0,00%
	0.00%
	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% C	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	0.0070
28	
29	
30	
31	
32 FAL's and Credits 268 876 100,00% 268 876 100.00% 0	0.00%
	0.00%
33 Reconcile to Books 2 0 0.00% 2 0 0.00% 0 0 34 Per Bill Analysis 270 \$876 100.00% 270 \$876 100.00% \$0	0.00%
35	0,000

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

40

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

		Number	Presei	nt	Prop	oosed	-	Total
Line No. 1	Connection Size	of Connections	Annual Rates	Revenue	Annual Rates	Revenue	Dollar Change	Revenue % Change
2 3 4	Private Fire Service:							
5 6	Private Fire Hydrant	3	555.00	\$1,665	926.52	\$2,780	\$1,115	66.97%
7 8	2 ⁿ	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	6"	22	444.72	9,784	742.44	16,334	6,550	66.95%
15 16	8"		765.24	8,418	1,277.40	14,051	5,633	66.92%
17	10"	13	1,176.24	15,291	1,963.56	25 ,526	10,235	66.93%
18 19 20	12"	1	1,677.12	1,677	2,799.72	2,800	1,123	66.96%
21 22	Total Billed	63		\$39,517	-	\$65,968	\$26,451	66.94%
23 24 25 26 27 28 29 30			•					

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

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

		Pres	ent Pro Forma Ra	ites	Propo	sed Pro Forma R	ates		Total
Line	Class/	Sales	Total	% Revenue	Sales	Total	% Revenue	Dollar	Revenue
No.	Description	(000 Gal)	Revenue	To Total	(000 Gal)	Revenue	To Total	Change	% Change
1									
2									
3	Monthly Billing:								
4									
5	Residential	411,230	\$1,090,714	72.74%	411,230	\$1,676,221	72.50%	\$585,507	53.68%
6	Commercial	104,846	206,817	13.79%	104,846	326,122	14.11%	119,305	57.69%
7	(ndustrial	5,028	10,936	0.73%	5,028	17,332	0.75%	6,396	58.49%
8	Other Public Authority	23,307	42,266	2.82%	23,307	66,214	2.86%	23,948	56,66%
9	Other Water Utilities	80,066	84,386	5.63%	80,066	139,504	6.03%	55,118	65.32%
10	Miscellaneous	2,572	6,423	0.43%	2,572	6,423	0.28%	0	0.00%
11	Private Fire	0	33,361	2.22%	đ	55,692	2.41%	22,331	66.94%
12						<u> </u>			<u> </u>
13	Total *	627,049	\$1,474,903	98.36%	627,049	\$2,287,508	98.94%	\$812,605	55.10%
14									
15	Miscellaneous Revenues								
16	Reconnect Charges		9,480	0.63%		9,480	0.41%	0	0.00%
17	Returned Check Charge		1,140	0.08%		1,140	0.05%	0	0.00%
18	Application Fee		13,660	0.91%		13,660	0.59%	0	0.00%
19	Miscellaneous Other Rev		264	0.02%		264	0.01%	0	0.00%
20	Rents From Water Property		0	0.00%		0	0.00%	0	0.00%
21					_				
22		_	\$1,499,447	100.00%		\$2,312,052	100.00%	\$812,605	54.19%
23		_			_				

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Schedule JMW-1D Page 2 of 8

		Customer		_ Present Pro Fo	rma 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	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		o	0.5691	Ó	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	_	401,364		\$1,058,801	97.08%	401,364	_	\$1,629,329	97.20%	\$570,528	53.88%
27		-						_				
28	Adjustments due to V	Veather Normaliza	tion And Custome	r 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							-		-		•	0.0070
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%		12.96	454	0.03%	77	20.42%
37	1 1/2" Mthty	19		18.73	356	0.03%		22.44	426	0.03%	70	19.66%
	2" Monthly	5		28.28	141	0.01%		33.96	170	0.01%	29	20.57%
	Total	-	411,230		\$1,090,714	100.00%	411,230		\$1,676,221	100.00%	\$585,507	53.68%
40												

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

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

		Customer		Present Pro Fo	rma 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	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 \	Meather Normaliza										
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	10 1	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%

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

Case No. WR-2000-281 Schedule JMW-1D Page 4 of 8

		Customer		Present Pro Fo	orma 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	industrial											
2	Minimum Charge:											
3	5/8" Monthly	83,5		\$5.94	\$496	4.54%		\$7.08	\$591	3.41%	\$95	19.15%
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	24.0		18.73	450	4.11%		22.44	539	3,11%	89	19.78%
7	2" Monthly	36,0		28.28	1,018	9.31%		33.96	1,223	7.06%	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	Volumetric Charges											
19	First Block		4,042	1.9548	7,901	72.24%	4,042	3.2633	13,190	76.09%	5,289	66.94%
20	Second Block		996	1.0951	1,091	9.98%	996	1.8280	1,821	10.51%	730	66.91%
21	Third Block		0	0.8451	0	0.00%	0	1.4107	0	0,00%	O	0.00%
22	Fourth Block		0	0.5691	0	0.00%	0	0.9500	0	0,00%	0	0.00%
23												
24	FAL's and Credits		(12)		(20)	-0.18%	(12)		(32)	-0.18%	(12)	60.00%
25	Reconcile to Books		2		0	0.00%	2		0	0.00%	0	0.00%
26	Per Bill Analysis		5,028		\$10,936	100.00%	5,028	<u></u>	\$17,332	100,00%	\$6,396	58,49%
27					•							

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

Case No. WR-2000-281 Schedule JMW-1D Page 5 of 8

		Customer		Present Pro Fo	orma 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 Au	thority:										
3	Minimum Charge	:								0.000	\$312	19.16%
4	5/8" Monthly	274.0		\$5.94	\$1,628	3.85%		\$7.08	\$1,940	2.93%	\$312 0	0.00%
5	3/4" Monthly	0.0		7.60	0	0.00%		9,12	0	0.00%	53	20.54%
6	1" Monthly	24.0		10.77	258	0.61%		12.96	311	0.47%	267	19,79%
7	1 1/2" Mthly	72.0		18.73	1,349	3.19%		22.44	1,616	2.44%	812	20.08%
8	2" Monthly	143.0		28.28	4,044	9.57%		33.96	4,856	7.33%		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	
11	6" Monthly	12.0		161.85	1,942	4.59%		194.28	2,331	3.52%	389	20.03% 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												
	Volumetric Charge	<u> </u>										
	Monthly									40 774	44.054	00.044
_	First Block		8,677	1.9548	16,962	40.14%	8,677	3,2633	28,316	42.77%	11,354	66.94%
	Second Block		14,667	1,0951	16,062	38.00%	14,667	1,8280	26,811	40.49%	10,749	66.92%
	Third Block		. 0	0.8451	0	0.00%	0	1,4107	0	0.00%	0	0.00%
	Fourth Block		0	0.5691	0	0.00%	0	0,9500	0	0.00%	0	0.00%
27												
28												
29												
30												
31												
	FAL's and Credits		(38)		(59)	-0.14%	(38)		(92)	-0.14%	(33)	55,93%
	Reconcile to Book	\$	1_		80	0.19%	1		125	0.19%	45	56,25%
	Per Bill Analysis		23,307	_	\$42,266	100.00%	23,307		\$66,214	100.00%	\$23,948	56,66%
35												
36												

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

Case No. WR-2000-281 Schedule JMW-1D Page 6 of 8

		Customer		Present Pro Fo	orma Rates	1	_	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 Water Utiliti	es:										
3	Minimum Charge:								40	0.004	•••	0.00%
4	5/8" Monthly	Q.O		\$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	
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	36.0		50,54	1,819	2.16%		60,60	2, 182	1.56%	363	19,96%
10	4" Monthly	12.0		82.34	988	1.17%		98.76	1,185	0,85%	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	•		•		•		•				at .	•
14												
15												
16												
17												
18												
19												
20												
21	Volumetric Charges		-									
22	Monthly	•										
23	First Block		2,378	1.9548	4,649	5.50%	2,378	3,2633	7,760	5.56%	3,111	66,92%
24	Second Block		43,392	1.0951	47,519	56.31%	43,392	1.8280	79,321	56.86%	31,802	66.92%
25	Third Block		31,799	0.8451	26,873	31.85%	31,799	1,4107	44,859	32.16%	17,986	66,93%
26	Fourth Block		261	0.5691	149	0.18%	261	0.9500	248	0.18%	99	66,44%
27	, care, proof		201	J. J.J.J.	170	3.1074	20.	0000	2 -10	0.1075	•	30,4170
28	FAL's and Credits		2,235		2,389	2.83%	2,235		3,949	2.83%	1,560	65,30%
29 29	Reconcile to Books		2,230		2,309	0.00%	2,233		J,543 0	0.00%	1,500	0.00%
30	Per Bill Analysis		80,066		\$84,386	100.00%	80,066		\$139,504	100.00%	\$55,118	65.32%
	i et Dilitarialitata		- 50,000	_	φυ ν ,300	100.0078	30,000	_	\$100,004	100.00 /8	400, F10	03.34 /4
31												

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

Case No. WR-2000-281 Schedule JMW-1D Page 7 of 8

		Customer		Present Pro Fo	rma Rates	1		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:											0.004
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	<u>Monthly</u>				_		_			2.004	•	0.000
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		2,568		6,423	100.00%	2,568		6,423	100.00%	0	0.00%
33	Reconcile to Books	_	4	_	0	0.00%	4	_	0 0 422	0.00%	<u>0</u> \$0	0.00%
34	Per Bill Analysis	_	2,572	_	\$6,423	100,00%	2,572	_	\$6,423	100.00%	350	0.00%
35												

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

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

		Number	Preser	nt		posed		Total
Line		of	Annuai		Annual		Dollar	Revenue
No.	Size	Connections	Rates	Revenue	Rates	Revenue	Change	% Change
1								
2								
3	Private Fire							
4	Service:							
5	Debuta Car I trataunt		555.00	640.000	000 53	#70 00E	\$8,916	66, 94%
6	Private Fire Hydrant	24	555.00	\$13,320	926.52	\$22,236	\$0,510	00.5476
8	2™	4	79.56	80	132.84	133	53	66.25%
9	2	,	75.30		132.04	150		00.2070
10	3"	o	136.68	0	228.12	0	O	0.00%
11	J	•	100.00	•	220.12	-	_	
12	4"	3	216.84	651	362.04	1,086	435	66.82%
13	•	_	- 1 - 1 - 1			.,		
14	6"	20	444,72	8,894	. 742.44	14,849	5, 955	66.96%
. 14 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			_		_			
	Total Billed	60	_	\$33,361	-	\$55,692	\$22,331	66.94%
23		•	_		_			
24								
25								

Missouri Public Service Commission

Company: Missouri-American Water Company

Water Districts

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

		Present Pro Forma Rates			Prop	osed Pro Forma R	ates		Total
Line	Class/	Sales	Total	% Revenue	Sales	Total	% Revenue	Dollar	Revenue
No.	Description	(000 Gal)	Revenue	To Total	(000 Gal)	Revenue	To Total	Change	% Change
1									
2									
3	Monthly and Quarterly Billing:								
4									
5	Residential	2,504,317	\$6,746,571	85.45%	2,504,317	\$10,381,219	85.61%	\$3,634,648	53.87%
6	Commercia!	395, 160	819,725	10,38%	395,160	1,300,545	10.72%	480,820	58.66%
7	Industrial	2,556	4,709	0.06%	2,556	7,565	0.06%	2,856	60.65%
8	Other Public Authority	75,028	138,511	1.75%	75,028	214,884	1.77%	76,373	55.14%
9	Other Water Utilities	0	0	0.00%	0	0	0.00%	0	0.00%
10	Miscellaneous	0	20,018	0.25%	0	20,018	0.17%	O	0.00%
11	Private Fire	0	55,006	0.70%	0	91,825	0.76%	36,81 <i>9</i>	66.94 %
12									
13	Total -	2,977,061	\$7,784;540	98.59%	2,977,061	\$12,016,056	99.09%	\$4,231,516	54.36%
14				<u> </u>					
15	Miscellaneous Revenues								
16	Reconnect Charges		39,574	0.50%		39,574	0.33%	0	0.00%
17	Returned Check Charge		6,240	0,08%		6,240	0.05%	0	0.00%
18	Application Fee		62,240	0.79%		62,240	0.51%	0	0.00%
19	Miscellaneous Other Rev		1,656	0.02%		1,656	0.01%	0	0.00%
20	Rents From Water Property		1,300	0.02%		1,300	0.01%	0	0.00%
21					_				
22			\$7,895,550	100.00%		\$12,127,066	100,00%	\$4,231,516	53.59%
23		_			_				

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Scheduje JMW-1E Page 2 of 8

		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:	Dimigo	(000,	•								
,	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%
Á	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	Q	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	ā	0.00%		308.76	0	0.00%	0	0.00%
12	O money	0.0		201.20	-							
13	•		•		•			•		*		•
14												
15												
16												
17												
18												
	Volumetric Charges											
	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%
	Fourth Block		10,000	0.5691	5,691	0.08%	10,000	0.9500	9,500	0.09%	3,809	66.93%
	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%
	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 \	Neather Normaliza	tion And Custome	r 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												
	5/6" Monthly	15,442		5.94	91,725	1.36%		7.08	109,329	1.05%	17,604	19.19%
	3/4" Monthly	0		7.60	0	0.00%		9.12	0	0.00%	0	0.00%
_	1" Monthly	317		10,77	3,414	0.05%		12.96	4,108	0.04%	694	20.33%
	1 1/2" Mthly	6		18.73	112	0.00%		22.44	135	0.00%	23	20.54%
	2" Monthly	2		28.28	57	0.00%		33.96	68	0.00%	11_	19.30%
	Total		2,504,317	_	\$6,746,571	100.00%	2,504,317		\$10,381,219	100.00%	\$3,634,648	53.87%

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Schedule JMW-1E Page 3 of 8

		Customer		Present Pro Fo	orma Rates	1		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	3,787.5		\$5.94	\$22,498	2.74%		\$7.08	\$26,816	2,06%	\$4,318	19,19%
Ā	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" Mithly	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	· o	0.00%	0	0.00%
12	G	5.5		201120	_							
13	•		•		•		-		4		•	•
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		g		(78)	-0.01%	Ì gʻ		(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 Normaliza	tion And Custome	r 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%
_	6" Monthly	2		161.85	324	0.04%		194.28	389	0.03%	65	20,06%
-	Total		395,160		\$819,725	100.00%	395,160		\$1,300,545	100,00%	\$480,820	58,66%
		_					ستنف تفاسيه	-	سترتنتن تناسب		4,00,020	20,0070

1

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

Case No. WR-2000-281 Schedule JMW-1E Page 4 of 8

		Customer		Present Pro Fo	rma Rates	i		Proposed Pro	Forma Rates		_ Total	
Line	Class/	Meter	Sales		Total	% Revenue	Sales	Proposed	Total	% Revenue	Dollar	Revenue
No.	Description	Billings	(000 Gaf)	Current Rate	Revenue	To Total	(000 Gal)	Rate	Revenue	To Total	Change	% Change
1	Industrial	_	•									
2	Minimum Charge:											
3	5/8" Monthly	0.0		\$5.94	\$0	0.00%		\$7.08	\$0	0.00%	\$0	0,00%
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	٥	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	23,5		28.28	665	14.12%		33.96	798	10.55%	133	20,00%
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	ס	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	Volumetric Charges											
19	First Block		1,491	1.9548	2,915	61.90%	1,491	3.2633	4,866	64.32%	1,951	66,93%
20	Second Block		1,272	1.0951	1,393	29.58%	1,272	1.8280	2,325	30.73%	932	66,91%
21	Third Block		D	D.8451	0	0.00%	0	1.4107	0	0.00%	0	0,00%
22	Fourth Block		0	0.5691	0	0.00%	0	0.9500	0	0.00%	0	0.00%
23												
24	FAL's and Credits		(208)		(244)	-5.18%	(208)		(392)	-5.18%	(148)	60,66%
25	Reconcile to Books		1		(20)	-0.42%	1		(32)	-0.42%	(12)	60.00%
26	Per Bill Analysis	_	2,556		\$4,709	100.00%	2,556	_	\$7,565	100.00%	\$2,856	60,65%
27				_				_				
_												

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

Case No. WR-2000-281 Schedule JMW-1E Page 5 of 8

Present Profest Present Profest Present Profest Prof		Mares Districts											
Class			Customer		Present Pro Fo	rma Rates	1		Proposed Pro				
No. Description Ballings (000 Gal) Current Rate Revenue To Total (000 Gal) Rate Total (000 Gal) (0	l ine	Class/	_	Sales	11000,		% Revenue						
Clase Public Authority:					Current Rate	Revenue	To Total	(000 Gal)	Rate	Revenue	To Total	Change	% Change
Minimum Charace September South State	1	Deparipuon		,									
Minimum Charace September South State	2	Other Public Auti	hority:										
58" Monthly 55.0 \$5.94 \$3.27 0.24% \$7.08 \$3.99 0.00% 0 0.00% 0 0.00% 0 1.00% 0 0.00% 0 0.00% 0 1.00% 0 0.00% 0 0.00% 0 1.00% 0 0.00% 0 1.00% 0 0.00% 0 1.00% 0 0.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 1.00% 0 0.00% 0	3										0.409	462	18 96%
5 347 Monthly 0.0 7,60 0 0.00% 9,12 6 557 0,26% 94 20,30% 12.96 557 0,26% 94 20,30% 12.96 557 0,26% 94 20,30% 12.96 11 Monthly 43.0 18.73 1,124 0.81% 22.44 1,346 0.63% 222 19,75% 12.0 12.0 18.73 1,124 0.81% 22.44 1,346 0.63% 222 19,75% 12.0 12.0 12.0 18.73 1,124 0.81% 60.60 7,333 3.19% 1,147 20.06% 12.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	4		55.0		\$5.94	\$327							
6 1* Monthly 43.0 10.77 463 0.33 1.24 0.81 2.44 1.346 0.63 222 19.75 % 7 1 1/27 Whity 60.0 18.73 1.124 0.81 2.44 1.346 0.63 7.33 3.99 6.860 3.19 1.147 20.08 % 8 2* Monthly 202.0 28.28 5.713 4.12 % 33.99 6.860 3.19 1.147 20.08 % 9 3* Monthly 121.0 50.54 6.115 4.11 60.60 7.33 3.41 1.218 19.92 % 9 3* Monthly 100.0 82.34 8.893 6.42 % 98.76 10.666 4.96 % 1.773 19.94 % 11 6* Monthly 36.0 161.85 5.827 4.21 % 194.28 6.99 4 3.25 % 1.76 7.20 0.3 % 11 6* Monthly 24.0 257.26 6.174 4.46 % 308.76 7.410 3.45 1.236 20.02 % 13 14 15 16 17 18 19 20 17 21 18 22 19 20 21 22 24 24 25 25 26 26 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28	5		0.0		7.60								
7 1 1/2" Muthy 60.0 18.73 1,124 0.81% 22.44 1,000 3.19% 1,47 20.08% 2 Monthly 202.0 28.28 5,713 4.12% 33.96 6,860 3.19% 1,47 20.08% 3 3" Monthly 121.0 50.54 6,115 4.41% 60.60 7,333 3.41% 1,216 19.92% 10.60% 1.70% 10.60% 10.60% 1.70% 1.70% 10.60% 10	6		43.0		10.77								
8 2" Monthly 202.0 28.28 5,713 4.12% 33.95 0.0 1.218 19.92% 9 3" Monthly 121.0 50.54 6,115 4.41% 60.60 7,333 3.41% 1,218 19.92% 10.4 Monthly 108.0 82.34 8,833 6.42% 96.76 10.666 4.96% 1,773 19.94% 11 6" Monthly 36.0 161.85 5,827 4.21% 194.28 6,994 3.25% 1,167 20.03% 12 6" Monthly 24.0 257.26 6.174 4.46% 308.76 7,410 3.45% 1,236 20.02% 13	7	1 1/2" Mthly	60.0			•							
9 3" Monthly 121.0 50.54 5,115 4.41% 00.00 00.00 1,0666 4.96% 1,773 19,94% 108.0 67.00 10.666 4.96% 1,773 19,94% 108.0 67.00 161.85 5,827 4.21% 194.28 6.994 3.25% 1,167 20.03% 12.86 10.00 10.0	8	•	202.0		28.28	-							
10 4* Monthly 108.0 82.34 8,993 6.42% 80.00 10.00% 10.00% 1.167 20.03%	9	3" Monthly	121.0		50.54								
11 6" Monthly 36.0 161.85 5,627 4.21% 194.25 0.00% 1.236 20.02% 1.236 20.02% 1.236 24.0 257.26 6.174 4.46% 308.76 7,410 3.45% 1.236 20.02% 1.33 1.44 1.45 1.55 1.66 1.77 1.77 1.77 1.77 1.77 1.77 1.77	10	4" Monthly	108.0		82.34	•						•	
12 8* Monthly 24.0 257.26 6,174 4.46% 300.70 13 14 15 16 17 18 16 19 19 19 19 19 19 19 19 19 19 19 19 19	11	6" Monthly	36.0		161.85								
14	12	8" Monthly	24.0		257.26	6,174	4.46%		308.76	7,410	3.40%	1,230	. 20.0276
15 16 17 18 19 20 11	13	•	•		•		•		•				
16	14												
16	15												
17 18 19 20 21													
19 20 21													
20	18												
21	19												
22 Monthly 23 First Block 27,293 1,9548 53,352 38,53% 27,293 3,2633 89,065 41,46% 35,713 66,94% 24 Second Block 40,260 1,0951 44,089 31,83% 40,260 1,8280 73,595 34,25% 29,506 66,92% 25 Third Block 6,906 0,8451 5,836 4,21% 6,906 1,4107 9,742 4,53% 3,906 66,93% 26 Fourth Block 0 0,5691 0 0,00% 0 0,9500 0 0,00% 0 0,00% 0 0,00% 27 28 29 30 31 32 FAL's and Credits 567 621 0,45% 567 963 0,45% 342 55,07% 33 Reconcile to Books 2 (23) -0.02% 2 (36) -0.02% 1 (13) 56,52%	20												
23 First Block 27,293 1,9548 53,352 38,53% 27,293 3,2633 89,065 41,46% 35,713 66,97% 24 Second Block 40,260 1,0951 44,089 31,83% 40,260 1,8280 73,595 34,25% 29,506 66,93% 25 Third Block 6,906 0,8451 5,836 4,21% 6,906 1,4107 9,742 4,53% 3,906 66,93% 26 Fourth Block 0 0,5691 0 0,00% 0 0,9500 0 0,00% 0 0,00% 0 0,00% 27 28 29 30 31 31 32 FAL's and Credits 567 621 0,45% 567 963 0,45% 342 55,07% 33 Reconcile to Books 2 (23) -0.02% 2 (36) -0.02% (13) 56,52%	21	Volumetric Charge	\$										
23 First Block 27,293 1,9548 53,352 36,35% 27,293 3,255 36,350 34,25% 29,506 66,92% 24 Second Block 40,260 1,0951 44,089 31,83% 40,260 1,8280 73,595 34,25% 29,506 66,93% 25 Third Block 6,906 0,8451 5,836 4,21% 6,906 1,4107 9,742 4,53% 3,906 66,93% 26 Fourth Block 0 0,5691 0 0,00% 0 0,9500 0 0,00% 0 0,00% 0 0,00% 27 28 29 30 31 32 FAL's and Credits 567 621 0,45% 567 963 0,45% 342 55,07% 33 Reconcile to Books 2 (23) -0.02% 2 (36) -0.02% (13) 56,52%	22	Monthly									44 405/	25 742	66 0.494
24 Second Block 40,260 1,0951 44,099 31.53% 40,200 1,0950 1,4107 9,742 4.53% 3,906 66.93% 25 Third Block 6,906 0.8451 5,836 4.21% 6,906 1,4107 9,742 4.53% 3,906 66.93% 26 Fourth Block 0 0,5691 0 0.00% 0 0,9500 0 0,00% 0 0,00% 0 0,00% 27 28 29 30 31 32 FAL's and Credits 567 621 0.45% 567 963 0.45% 342 55.07% 33 Reconcile to Books 2 (23) -0.02% 2 (36) -0.02% (13) 56.52%	23	First Block		27,293	1.9548							•	
25 Third Block 6,906 0,8451 5,636 4,21% 0,500 1,4167 0 0.00% 0 0.00% 26 Fourth Block 0 0,5691 0 0.00% 0 0,9500 0 0,00% 0 0,00% 0 0,00% 27 28 29 30 31 32 FAL's and Credits 567 621 0,45% 567 963 0,45% 342 55.07% 33 Reconcile to Books 2 (23) -0.02% 2 (36) -0.02% (13) 56.52%	24	Second Block		40,260	1.0951			•				•	
26 Fourth Block 0 0.5691 0 0.00% 0 0.5550 0 0.55	25	Third Block		6,906				•					
28 29 30 31 32 FAL's and Credits 567 621 0.45% 567 963 0.45% 342 55.07% 33 Reconcile to Books 2 (23) -0.02% 2 (36) -0.02% (13) 56.52%	26	Fourth Block		0	0.5691	0	0.00%	0	0,9500	U	0,00%	U	0.00%
29 30 31 32 FAL's and Credits 567 621 0.45% 567 963 0.45% 342 55.07% 33 Reconcile to Books 2 (23) -0.02% 2 (36) -0.02% (13) 56.52%	27												
29 30 31 32 FAL's and Credits 567 621 0.45% 567 963 0.45% 342 55.07% 33 Reconcile to Books 2 (23) -0.02% 2 (36) -0.02% (13) 56.52%	28												
30 31 31 32 FAL's and Credits 567 621 0.45% 567 963 0.45% 342 55.07% 33 Reconcile to Books 2 (23) -0.02% 2 (36) -0.02% (13) 56.52%													
32 FAL's and Credits 567 621 0.45% 567 963 0.45% 342 55.07% 33 Reconcile to Books 2 (23) -0.02% 2 (36) -0.02% (13) 56.52%													
32 FAL's and Credits 567 621 0.45% 507 33 Reconcile to Books 2 (23) -0.02% 2 (36) -0.02% (13) 56.52%	31											0.40	EE 07W
33 Reconcile to Books 2 (25) -0.02/h 2	32	FAL's and Credits		567									
34 Per Bill Analysis 75,028 \$138,511 100.00% 75,028 \$214,884 100.00% \$70,373 35.14%	33	Reconcile to Books	_		_				_				
	34	Per Bill Analysis	_	75,028	_	\$138,511	100.00%	75,028	_	\$214,884	100,00%	⊉/0,3/3	JJ, 147s

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

Case No. WR-2000-281 Schedule JMW-1E Page 6 of 8

	Water Districts											
		Q.,,,,		Present Pro Fo	rma Rates	- 1		Proposed Pro	Forma Rates		D-II	Total Revenue
Line	Class/	Customer	Sales	110001177070	Total	% Revenue	Sales	Proposed	Total	% Revenue To Total	Dollar Change	% Change
No.	Description	Billings	(000 Gal)	Current Rate	Revenue	To Total	(000 Gal)	Rate	Revenue	ID IOIAI	Change	,, o.i.e.i.g.
1	Description	Dgo	(
2	Other Water Utilitie	ıs:										
3	Minimum Charge:							\$7.08	\$0	0,00%	\$0	0.00%
4	5/8" Monthly	0.0		\$5.94	\$0	0.00%		9.12	0	0.00%	0	0.00%
5	3/4" Monthly	0.0		7.60	0	0.00%		12.96	ő	0.00%	0	0.00%
6	1" Monthly	0.0		10.77	0	0.00%		22.44	ō	0.00%	0	0.00%
7	1 1/2" Mthly	0.0		18.73	0	0.00%		33.96	ō	0.00%	0	0.00%
8	2" Monthly	0.0		28.28	0	0.00%		53.96 60.60	Ö	0,00%	0	0.00%
9	3" Monthly	0.0		50.54	0	0.00%		98.76	Ö	0,00%	0	0.00%
10	4" Monthly	0.0		82.34	0	0.00%			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	U	0.0074		•
13			•	•	•		•					
14												
15												
16												
17												
18												
19												
20												
21	Volumetric Charges											
22	Monthly						_			0.00%	0	0.00%
23	First Block		0	1,9548	0	0.00%	0	3.2633	0	0.00%	ä	0.00%
24	Second Block		0	1.0951	0	0.00%	0	1.8280	0	0.00%	ő	0.00%
25	Third Block		C	0,8451	0	0.00%	0	1.4107	-	0.00%	Ö	0.00%
26	Fourth Block		0	0,5691	0	0.00%	O	0.9500	0	0,00%	•	0.00 %
27									•	0.00%	0	0.00%
28	FAL's and Credits		C)	0	0.00%	0		0	0.00%	0	0.00%
29	Reconcile to Books		c		0	0.00%	<u> </u>	_	<u>0_</u> \$0	0.00%	\$0	0.00%
30	Per Bill Analysis	_		_	\$0	0.00%	0	_	\$U	0.00%	300	0.0070

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

Case No. WR-2000-281 Schedule JMW-1E Page 7 of 8

		Customer										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%	Q	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	O	0,00%	О	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	Ω.Ο		257.26	0	0.00%		308.76	a	0,00%	0	0.00%
13	•		•		•		•		•		•	
14												
15												
16												
17												
18												
19												
20												
21	Volumetric Charges											
22	<u>Monthly</u>								_		_	
23	First Block		0		0	0.00%	0	3,2633	0	0.00%	0	0.00%
24	Second Block		0		0	0.00%	0	1.8280	0	0,00%	0	0.00%
25	Third Block		0		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		0	_	20,018	100.00%	0	_	20,018	100.00%	0	0.00%
34	Per Bill Analysis	_	0		\$20,018	100.00%	0		\$20,018	100,00%	\$0	0.00%

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

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

		Number	Present			posed	Dollar	Total Revenue
Line Na.	Connection Size	of Connections	Annual Rates	Revenue	Annual Rates	Revenue	Change	% Change
1 2								
3	Private Fire Service:							
5 6	Private Fire Hydrant	10	555,00	\$5,550	926.52	\$9,265	\$3,715	66,94%
8	2"	1	79.56	80	132.84	133	53	66,25%
10	3"	0	136.68	0	228.12	0	0	0.00%
11 12 13	4*	14	216.84	3,036	362.04	5,069	2,033	66,96%
14 15	6" .	. 42	444.72	18,678	742.44	31,182	12,504	66,95%
16 17	6"	30	765.24	22,957	1,277.40	38, 322	15,365	66, 93%
18	10"	4	1,176.24	4,705	1,963.56	7,854	3,149	66,93%
19 20 21	12"	0	1,677.12	0	2,799.72	0	0	0.00%
22	Total Billed	101	-	\$55,006	-	\$91,825	\$36,819	66.94%

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

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

		Present Pro Forma Rates			Prop	osed Pro Forma Ra	tes		Total
Line	Class/	Sales	Total	% Revenue	Sales	Total	% Revenue	Dollar	Revenue
No.	Description	(000 Gal)	Revenue	To Total	(000 Gal)	Revenue	To Total	Change	% Change
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%
23				· <u></u>					

^{*}Includes Corporate Miscellaneous Revenues of \$3,570

Missouri Public Service Commission

Company: Missouri-American Water Company

Water Districts

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

		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:	_					Monthly					
2	Minimum Chame:					_	Customers					
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	1,348	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" Otrly	102,101.5		17.82	1,819,449	32.23%		N/A	0	0.00%	N/A	N/A
13	3/4" Otrly	2,292.5	•	22.80	52, 269	0.93% *		N/A	0	0:00%	N/A	N/A
14	1" Quarterly	1,566.5		32.31	50,614	0.90%		N/A	٥	0.00%	N/A	N/A
15	1 1/2" Othly	20.0		56,19	1,124	0.02%		N/A	0	0.00%	N/A	N/A
16	2" Quarterly	48.0		84.84	4,072	0.07%		N/A	0	0.00%	N/A	N/A
17	3" Quarterly	4.0		151.62	606	0.01%		N/A	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%	O	0,9500	۵	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 Normaliz	ation And Customs	r 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	_	1,848,873	<u>-</u>	\$5,645,813	100.00%	1,848,873		\$8,464,556	100.00%	\$2,818,743	49.93%
40				_								

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

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

		Customer		Present Pro Fo	rma 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	_					Monthly					
2	Minimum Charge:					_	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" Citrly	9,263.5		17.82	165,076	8.92%		N/A	0	0,00%	N/A	N/A
13	3/4" Otrly "	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" Otrly	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	О	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 1	Weather Normaliz	zation And Custom	er Growth								
28	First Block		(3,369)	1.9548	(6,586)	-0.36%	(3,369)	3.2633	(10,994)	-0.38%	(4,408)	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%
	6" Monthly	0		161,85	Q _	0.00%		194,28		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

Case No. WR-2000-281 Schedule JMW-1F Page 4 of 8

	Meter Districts											
		Customer		Present Pro For	ma Rates			Proposed Pro Fo			O - N	Total
Line	Class/	Meter	Sales		Total	% Revenue	Sales	Proposed	Total	% Revenue	Dollar	Revenue % Change
No.	Description	Billings	(000 Gal)	Current Rate	Revenue	To Total	(000 Gal) Monthly	Rate	Revenue	To Total	Change	76 Original
1	Industrial						Customers					
2	Minimum Charge:	40.0		\$5.94	\$71	0.01%	100.5	\$7.06	\$712	0.04%	\$115	19.26%
3	5/8" Monthly	12.0		7.60	91	0.01%	48.0	9.12	438	0.02%	73	20.00%
4	3/4" Monthly	12.0		10,77	2,197	0.18%	288.0	12.96	3,732	0.18%	630	20.31%
5	1" Monthly	204.0 60.0		18,73	1,124	0.09%	84.0	22.44	1,885	0.09%	311	19.76%
6	1 1/2" Mthly			28.28	24,349	1.98%	897.0	33.96	30,462	1.50%	5,095	20.09%
′	2" Monthly	861.0		50.54	606	0.05%	12.0	60.60	727	0.04%	121	19.97%
8	3" Monthly	12.0		82,34	14,492	1.18%	176.0	98.76	17,382	0.86%	2,890	19.94%
9	4" Monthly	176.0		161.85	3.075	0.25%	19.0	194.28	3,691	0.18%	616	20.03%
10	6" Monthly	19.0		257.26	0,075	0.00%	0.0	308.76	. 0	0.00%	0	0.00%
11	8" Monthly	0.0		257.26 17.82	526	0.04%		N/A	0	0.00%	N/A	N/A
12	5/8" Otrly	29.5		22.80	274	0.02%		· N/A	0.	0.00%	N/A	N/A
13	3/4" Qtrly	12.0		22.80 32.31	905	0.02%		N/A	0	0.00%	N/A	N/A
14	1" Quarterly	28.0		56.19	450	0.04%		N/A	0	0.00%	N/A	N/A
15	1 1/2" Othy	8.0			1,018	0.08%		N/A	0	0.00%	N/A	N/A
16	2" Quarterly	12.0		84.84	1,018	0.00%		N/A	Ō	0.00%	N/A	N/A
17	3" Quarterly	0.0		151.62	U	0.00%		1907				
18	Volumetric Charges			4.0548	400 404	10.32%	64,694	3.2633	211,116	10.44%	84,652	66.94%
19	First Block		64,694	1.9548	126,464	40.05%	448,616	1.8280	820,070	40.51%	328,791	66.93%
20	Second Block		448,616	1.0951	491,279	21.73%	315,390	1.4107	444,921	21.98%	178,385	66.93%
21	Third Block		315,390	0.8451	266,536	21.73% 18.27%	393,782	0.9500	374,093	18.48%	149,992	66.93%
22	Fourth Block		393,782	0.5691	224,101	10.2779	393,102	0.5500	0. 4,000			
23					(7.000)	-0.64%	(7,798)		(12,911)	-0.64%	(5,083)	64.93%
24	FAL's and Credits		(7,798)		(7,828)	0.11%	(1,190)		2,208	0.11%	869	64.90%
25	Reconcile to Books	_	3_	-	1,339 \$1,151,069	93.84%	1,214,687	_	\$1,898,526	93.79%	\$747,457	64.94%
26	Per Bill Analysis	_	1,214,687		\$1,131,009	33.07 A	1,214,001	-				
27												
28												
29	Adjustment for chan	ge in operation a		stomer		0.0764	446	3,2633	1,455	0.07%	583	66.86%
30	First Block		446	1,9548	872	0.07%		1.828	14,001	0.69%	5,614	66.94%
31	Second Block		7,659	1,0951	8,387	0.68%	7,659	1.4107	15,227	0.75%	6,105	66.93%
32	Third Block		10,794	0,8451	9,122	0.74%	10,794		94,150	4.65%	37,749	66.93%
33	Fourth Block		99,105	0.5691	56,401	4.60%	99,105	0.95	94, 130 971	0.05%	162	20.02%
34	6" Monthly	5.00		161.85	809	0.07%		194.28	<i>31</i> 1	V.0078	102	20.04.70
35	Tabal	_	1,332,691	_	\$1,226,660	100.00%	1,332,691	_	\$2,024,330	100.00%	\$797,670	352.62%
36	Total	_	1,332,031	_	W1,220,000			-				

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Schedule JMW-1F Page 5 of 8

		Customer		Present Pro Fo	rma Rates	1		Proposed Pro Fo	orma 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 Au	thority:					Monthly					
3	Minimum Charge					_	Customers				4550	40 40-4
4	5/8" Monthly	125.0		\$5.94	\$743	0.27%	488.0	\$7.08	\$3,455	0.78%	\$556	19.18%
5	3/4" Monthly	42.5		7.60	323	0,12%	143.0	9.12	1,304	0.29%	217	19.96%
6	1" Monthly	202.0		10.77	2,176	0.78%	398.5	12,96	5,165	1.16%	873	20.34%
7	1 1/2" Mthly	103.5		18.73	1,939	0.69%	207.0	22,44	4,645	1.04%	767	19.78%
8	2" Monthly	595.5		28.28	16,841	6.02%	919.5	33,96	31,226	7.01%	5,222	20.08%
9	3" Monthly	6.5		50.54	329	0.12%	6.5	60,60	394	0.09%	65	19.76%
10	4" Monthly	71.0		82.34	5,846	2.09%	71.0	98,76	7,012	1.57%	1,166	19.95%
11	6" Monthly	9.0		161.85	1,457	0.52%	9.0	194.28	1,749	0.39%	292	20.04%
12	8" Monthly	0.0		257.26	0	0.00%	0.0	308,76	0	0.00%	0	0.00%
13	5/8" Otrly	121.0*		17.82	2,156	0.77%		N/A	0	0.00%	N/A	N/A
14	3/4" Othy	33.5		22.80	764	0.27%		N/A	0	0.00%	N/A	N/A
15	1" Quarterly	65.5		32.31	2,116	0.76%		N/A	0	0.00%	N/A	N/A
16	1 1/2" Qtrly	34,5		56, 19	1,939	0.69%		N/A	٥	0.00%	N/A	N/A
17	2" Quarterly	108.0		84.84	9,163	3.28%		N/A	0	0.00%	N/A	N/A
18	3" Quarterly	0.0		151.62	0	0.00%		N/A	0	0.00%	N/A	N/A
19												
20												
21	Volumetric Charo	es										
22	Monthly							0.4455	207.000	40.059	00.004	00 048
23	First Block		63,684	1.9548	124,489	44.48%	63,684	3.2633	207,820	46.65%	83,331	66.94%
24	Second Block		84,013	1.0951	92,003	32.89%	84,013	1.8280	153,576	34.47%	61,573	66.92%
25	Third Block		20,972	0.8451	17,723	6.34%	20,972	1,4107	29,585	6.64%	11,862	66.93%
26	Fourth Block		C	0.5691	0	0.00%	O	0.9500	0	0.00%	0	0.00%
27												
28												
29												
30												
31									0.500	0.5784	2.45	F6 004
32	FAL's and Credits		727		1,594	0.57%	727		2,539	0.57%	945	59.28%
33	Reconcile to Book		11	-	(1,841)	-0.66%	11	_	(2,932) \$445,538	-0.66%	(1,091)	59.26%
34	Per Bill Analysis	_	169,407	444	\$279,760	100.00%	169,407	_	\$440,000	100.00%	\$165,778	59.26%
35												
36												
37												
38												
39												
40												

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

31 32 33

Case No. WR-2000-281 Schedule JMW-1F Page 6 of 8

		Customer		Present Pro Fo	rma Rates	1	_	Proposed Pro Fe	orma Rates			Total
Une	Class/	Meter	Sales		Total	% Revenue	Sales	Proposed	Total	% Revenue	Dollar	Revenue
No.	Description	Billings	(000 Gaf)	Current Rate	Revenue	To Total	(000 Gal)	Rate	Revenue	To Total	Change	% Change
4	Docompani		(000 000)	• •								
2	Other Water Utilitie	: s :					Monthly					
3	Minimum Charge:					_	Customers					
4	5/8" Monthly	0.0		\$5.94	\$0	0.00%	0.0	\$7.08	\$0	0.00%	\$0	0.00%
	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%
	3" Monthly	5.0		50.54	253	0.04%	5.0	60.60	303	0.03%	50	19.76%
	4" Monthly	72.0		82.34	5,928	0.92%	72.0	98.76	7,111	0.66%	1, 183	19.96%
	6" Monthly	24.0		161.85	3,884	0.60%	24.0	194.26	4,663	0.43%	779	20.06%
	8" Monthly	12.0		257.26	3,087	0.48%	12.0	308.76	3,705	0.35%	618	20.02%
13	5/8" Otrly"	0.0	•	17.82	. 0	0.00%	•	N/A	, 0	0.00%	0	N/A
14	3/4" Otrly	0.0		22.80	0	0.00%		N/A	0	0.00%	0	N/A
15	1" Quarterly	0.0		32.31	D	0.00%		N/A	0	0.00%	0	N/A
16	1 1/2" Otrly	0.0		56.19	0	0.00%		N/A	0	0.00%	0	N/A
	2" Quarterly	0.0		84.84	0	0.00%		N/A	О	0.00%	О	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											
	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%

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

Case No. WR-2000-281 Schedule JMW-1F Page 7 of 8

		Customer		Present Pro Fo	rma Rates			Proposed Pro F				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							Monthly					
_	Miscellaneous						Customers					
3	Minimum Charge:			65.04	••	0,00%	0.0	\$7.08	\$0	0.00%	\$0	0.00%
	5/8" Monthly	0.0		\$ 5,94	\$0	0.00%	0.0	9.12	0	0.00%	ő	0,00%
5	3/4" Monthly	0.0		7.60	0	0,00%	0.0	12.96	0	0.00%	0	0.00%
6	1" Monthly	0.0		10.77	0	0,00%	0.0	12. 90 22.44	0	0.00%	ő	0.00%
	1 1/2" Mthly	0.0		18,73	-		0.0 0.0	22. 44 33.96	0	0.00%	0	0.00%
	2" Monthly	0.0		28.28	D	0.00%			0	0.00%	0	0.00%
	3" Monthly	0.0		50.54	0	0.00%	0.0	60.60	0	0.00%	0	0.00%
	4" Monthly	0.0		82.34	0	0.00%	0.0	98.76	0	0.00%	0	0.00%
	6" Monthly	0.0		161.85	0	0.00%	0.0	194.28	_	0.00%	0	0.00%
	8" Monthly	0.0		257.26	0	0.00%	0.0	308.76	. 0	0,00%		0.00%
13	•			•	-				•			
14												
15												
16												
17												
18												
19												
20												
	Volumetric Charges											
	Monthly				_		_		_		_	
	First Block		0	1.9548	0	0.00%	0	3, 2633	0	0.00%	0	0.00%
	Second Block		0	1.0951	0	0,00%	0	1,8280	0	0.00%	0	0.00%
	Third Block		0	0.8451	0	0.00%	0	1.4107	0	0.00%	0	0.00%
	Fourth Block		0	0.5691	0	0.00%	0	0,9500	0	0.00%	0	0.00%
27												
28												
29												
30												
31												
	FAL's and Credits		2,039		9,639	100.00%	2,039		9,639	100.00%	Q	0,00%
	Reconcile to Books		2,043		\$9,639	0,00%	2,043		0 \$9,639	0.00%	<u>0</u>	0,00%
34 F	Per Blij Analysis											

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

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

		Number	Prese	nt _	Ргор	osed		Total
	Connection	of	Annual		Annual		Dollar	Revenue
No.	Size	Connections	Rates	Revenue	Rates	Revenue	Change	% Change
1								
2 3	Private Fire							
3 A	Service:							
5	our rice.							
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							A4	an 400/
10	3,	1	136.68	137	228.12	228	91	66.42%
11		67	240.4	40.000	362.04	20,636	8,276	66,96%
12 13	4"	57	216.84	12,360	362.04	20,030	0,210	00,3070
14	6"	108	444.72	48,030	742.44	80,184	32,154	66,95%
15	•	, 100		_40,000		,		,
. 14 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	224	_	\$104.202	-	\$302,497	\$121,294	66.94%
23	rotal buled	334	-	\$181,203	-	\$302,48/	\$121,294	00.94 //
23 24								
25								
25 26 27								
27								
28								
29 30								
30								
31								
32 33								
34								
35								
36								
37								
38								
39								
40								

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

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

		Pres	ent Pro Forma Ra	ites	P <u>ro</u> po	sed Pro Forma R	ates		Total
Line	Class/	Sales	Total	% Revenue	Sales	Total	% Revenue	Dollar	Revenue
No.	Description	(000 Gal)	Revenue	To Total	(000 Gal)	Revenue	To Total	Change	% Change
1	·								
2									
3	Monthly Billing:								
4									
5	Residential	359,373	\$1,086,000	55.97%	359,373	\$1,631,850	54,88%	\$545,850	50.26%
6	Commercial	190,817	394,733	20.35%	190,817	629,370	21.17%	234,637	59.44%
7	Industrial	64,870	83,203	4.29%	64,870	136,616	4.59%	53,413	64.20%
8	Other Public Authority	139,449	217,325	11.20%	139,449	347,617	11.69%	130,292	59,95%
9	Other Water Utilities	90, 355	77,185	3,98%	90,355	128,059	4.31%	50,874	65.91%
10	Miscellaneous	519	1,757	0.09%	519	1,757	0.06%	0	0.00%
11	Private Fire	0	27,260	1.41%	G	45,509	1,53%	18,249	66.94%
12									
13	Total -	845,383	\$1,887,463	97.29%	845,383	\$2,920,778	98.23%	\$1,033,315	54.75%
14									
15	Miscellaneous Revenues								
16	Reconnect Charges		13,572	0.70%		13,572	0.46%	0	0.00%
17	Returned Check Charge		1,584	0.08%		1,584	0.05%	0	0.00%
18	Application Fee		37,140	1.91%		37,140	1.25%	0	0.00%
19	Miscellaneous Other Rev		324	0.02%		324	0.01%	0	0.00%
20	Rents From Water Property		0	0.00%		0	0.00%	0	0.00%
21		_							
22		_	\$1,940,083	100.00%	_	\$2,973,398	100.00%	\$1,033,315	53.26%
23		_			-				

Missouri Public Service Commission Company: Missouri-American Water Company Water Districts Case No. WR-2000-281 Schedule JMW-1G Page 2 of 8

		Customer		Present Pro Fo	rma Rates	1		Proposed Pro	Forma Rates			Total
Line	Class/	Meter	Sales		Total	% Revenue	Sales	Proposed	Total	% Revenue	Dollar	Revenue
No.	Description	Billings	(000 Gai)	Current Rate	Revenue	To Total	(000 Gal)	Rate	Revenue	To Total	Change	% Change
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	Ō	0.00%		98.76	0	0.00%	0	0.00%
10	6" Monthly	0.0		161.85	ō	0.00%		194.28	0	0.00%	a	0.00%
11	8" Monthly	0.0		257.26	ō	0.00%		308.76	0	0.00%	0	0.00%
12	o monuny	0.0		24,125	-	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						2.22.4						
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 V	Veather Normaliza	tion 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	Q		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		359,373		\$1,086,000	100.00%	359,373		\$1,631,850	100.00%	\$545,850	50.26%
40												

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			1		Proposed Pro	Forma Rates			Total
Line	Class/	Meter	Sales		Total	% Revenue	Sales	Proposed	Totai	% 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	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%	4 1	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%		306.76	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)		(62,033)	-9.86%	(23, 100)	59.33%
25	Reconcile to Books				(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 \	Meather Normaliza										
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	D. 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	<u> </u>	0.00%	0	0.00%
40	Total	-	190,817	_	\$394,733	100,00%	190,817	-	\$629,370	100.00%	\$234,637	59,44%

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

 Case No. WR-2000-281 Schedule JMW-1G Page 4 of 8

		Customer		Present Pro Fo	rma Rates	_ 1		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	industrial	. •	•									
2	Minimum Charge:											
3	5/8" Monthly	36.0		\$5.94	\$214	0.26%		\$7.08	\$255	0.19%	\$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	24.0		10.77	258	0.31%		12.96	311	0.23%	53	20.54%
6	1 1/2" Mthly	23.0		18.73	431	0.52%		22.44	516	0.38%	85	19.72%
7	2" Monthly	48.0		28.28	1,357	1.63%		33.96	1,630	1.19%	273	20.12%
8	3" Monthly	12.0		50,54	606	0.73%		60.60	727	0.53%	121	19.97%
9	4" Monthly	24.0		82.34	1,976	2.37%		98.76	2,370	1.73%	394	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	Volumetric Charges											
19	First Block		9,229	1.9548	18,041	21.68%	9,229	3, 2633	30,117	22.04%	12,076	66.94%
20	Second Block		53,126	1.0951	58,178	69.92%	53,126	1,8280	97,114	71.09%	38,936	66.93%
21	Third Block		2,516	0.8451	2,126	2.56%	2,516	1,4107	3,549	2,60%	1,423	66.93%
22	Fourth Block		0	0.5691	0	0.00%	0	0,9500	0	0.00%	0	0.00%
23												
24	FAL's and Credits		(1)		(2)	0.00%	(1)		(3)	0.00%	(1)	50.00%
25	Reconcile to Books		0		18	0.02%	0		30	0.02%	12	66.67%
26	Per Bill Analysis		64,870		\$83,203	100.00%	64,870	_	\$136,616	100.00%	\$ 53,413	64.20%
27							_	_				

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

Case No. WR-2000-281 Schedule JMW-1G Page 5 of 8

		Customer		Present Pro Fo	orma Rates	1		Proposed Pro	Forma Rates_			Total
Line	Class/	Meter	Sales	. 100-1111-1011	Total	% Revenue	Sales	Proposed	Total	% Revenue	Dollar	Revenue
No.	Description	Billings	(000 Gal)	Current Rate	Revenue	To Total	(000 Gai)	Rate	Revenue	To Total	Change	% Change
1	Description	Silling.	(552 52.)	•								
2	Other Public Au	thority:										
3	Minimum Charge	-										40.404
4	5/8" Monthly	820.5		\$5.94	\$4,874	2.24%		\$7.08	\$5,809	1.67%	\$935	19.18%
5	3/4" Monthly	9.0		7.60	68	0.03%		9.12	82	0.02%	14	20.59%
6	1" Monthly	24.0		10.77	258	0.12%		12.96	311	0.09%	53	20.54%
7	1 1/2" Mthly	60.0		18.73	1,124	0.52%		22.44	1,346	0.39%	222	19.75%
8	2" Monthly	364.0		28.28	10, 294	4.74%		33.96	12,361	3.56%	2,067	20.08%
9	3" Monthly	84.0		50.54	4,245	1.95%		60,60	5,090	1.46%	845	19.91%
10	4" Monthly	106.0		82.34	8,728	4.02%		98.76	10,469	3.01%	1,741	19.95%
11	6" Monthly	0.0		161.85	0	0.00%		194.28	0	0.00%	0	0.00%
12	8" Monthly	12.0		257.26	3,087	1.42%		308.76	3,705	1.07%	618	20.02%
13		•	•	i	•		•		•		•	
14												
15												
16												
17												
18												
19												
20												
21	Volumetric Charge	es										
22	<u>Monthly</u>											
23	First Block		39,160	1.9548	76,550	35.23%	39,160	3.2633	127,791	36.77%	51,241	66.94%
24	Second Block		99,212	1.0951	108,647	49.99%	99,212	1.8280	181,360	52.17%	72,713	66.93%
25	Third Block		2,933	0.8451	2,479	1.14%	2,933	1.4107	4,138	1.19%	1,659	66.92%
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		(1,859)		(2,040)	-0.94%	(1,859)		(3,263)	-0.94%	(1,223)	59.95%
33	Reconcile to Book	S	3		(989)	-0.46%	3	_	(<u>1,5</u> 82)	-0.46%_	(593)	59.96%
34	Per Bill Analysis	_	139,449		\$217,325	100.00%	139,449		\$34 <u>7,</u> 617	100,00%	\$130,292	59.95%
35		_						_				

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

Case No. WR-2000-281 Schedule JMW-1G Page 6 of 8

	Customer Present Pro For					1		Proposed Pro	Forma Rates			Total
Line	Class/	Meter	Sales		Total	% Revenue	Sales	Proposed	Total	% Revenue	Doltar	Revenue
No.	Description	Billings	(000 Gal)	Current Rate	Revenue	To Total	(000 Gal)	Rate	Revenue	To Total	Change	% Change
1	- ·•	•										
2	Other Water Utili	ties:										
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	O	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	24.0		28.28	679	0.88%		33,96	815	0,64%	136	20.03%
9	3" Monthly	0.0		50.54	0	0.00%		60,60	0	0.00%	0	0.00%
10	4" Monthly	12.0		82.34	988	1.28%		98,76	1,185	0.93%	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	σ	0.00%	0	0.00%
13	·	•		•		•		•		•		•
14												
15												
16												
17												
18												
19												
20												
21	Volumetric Charge	s										
22	Monthly	_										
23	First Block		1,534	1.9548	2,999	3.88%	1,534	3.2633	5,006	3.90%	2,007	66.92%
24	Second Block		22,879	1.0951	25,055	32.46%	22,879	1.8280	41,823	32.66%	16,768	66.92%
25	Third Block		36,000	0.8451	30,424	39.42%	36,000	1.4107	50,785	39,66%	20,361	66.92%
26	Fourth Block		29,942	0,5691	17,040	22.08%	29,942	0.9500	28,445	22.21%	11,405	66.93%
27					***				- • -		.,	
28	FAL's and Credits		G		Ö	0.00%	0		0	0.00%	0	0.00%
29	Reconcile to Books	•	ŏ		ō	0.00%	ō		ō	0.00%	ō	0.00%
30	Per Bill Analysis	_	90,355	_	\$77,185	100.00%	90,355		\$128,059	100.00%	\$50,874	65.91%
31		_		_				_				
•												

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

Case No. WR-2000-281 Schedule JMW-1G Page 7 of 8

		Customer		Present Pro Fo	orma Rates	_ 1		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	<u>Monthly</u>											
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%	Ō	1,8280	0	0.00%	ō	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%	Ō	0.00%
27							-	*			•	
28												
29												
30												
31												
32	FAL's and Credits		516		1,757	100.00%	516		1,757	100.00%	0	0.00%
33	Reconcile to Books		3		,,,	0.00%	3		1,131	0.00%	0	0.00%
34	Per Bill Analysis		519	_	\$1,757	100,00%	519		\$1,757	100.00%	\$0	0.00%
35	•	_			<u> </u>			_		,,,,,,,,,,		0.00%
36												
27												

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

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

		Number	Presen	t	Propo	sed	Police.	Total Revenue
Line	Connection	of	Annual		Annual	=	Dollar Change	% Change
No.	Size	Connections	Rates	Revenue	Rates	Revenue	Change	76 Orlange
1								
2								
3	Private Fire							
4	Service:							
5	Billion (Brown 1 Andrews)	3	555,00	\$1,665	926.52	\$2,780	\$1,115	66.97%
6 7	Private Fire Hydrant	3	555,00	\$1,550				
8	2"	1	79.56	80	132.84	133	53	66.25%
9	2	•					_	0.00*/
10	3"	0	136.68	0	228.12	0	0	0.00%
11	-						2 224	66.99%
12	4"	16	216.84	3,469	362.04	5,793	2,324	00.3376
13					740.44	20,788	8,336	66.95%
14	6" .	26	444.72	12,452	742.44	20,760	. 0,000	30.337.3
15			705.04	8,418	1,277,40	14,051	5,633	66.92%
16	8"	11	765.24	0,410	1,217,40	1 1,00		
17		1	1,176.24	1,176	1,963.56	1,964	788	67.01%
18	10°	•	1,170.24	1,170	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
19	12"	0	1,677.12	0	2,799.72	0	0	0.00%
20 21	12	•	.,					
22	Total Billed	60	_	\$27,260		\$45,509	\$18,249	66.94%
23	100. 51100		-					
24								
25								
26								
27								
28								
29								
30								
31								
32								
33 34								
35								
36								
37								
38								
39								
40								

Missouri Public Service Commission

Company: Missouri-American Water Company

Water Districts

Case No. WR-2000-282 Schedule JMW-1H Page 1 of 1

		Customer [Present Pro F	orma Rates			Proposed Pro	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	Residential:											
3	Minimum Charge:											
4												
5	Residentiat	1,212.0	0	38.99	\$47,256	100.00%	0	40.94	\$49,619	100.00%	\$2,363	5.00%
6												
7												
8												
9												
10												
11												
12												
13	Per Bill Anatysis		0		47,256	100.00%	0		49,619	100.00%	2,363	5.00%
14		-		=				-				

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 1 of 3

Line		
No.		
1		
2		
3		
4	A bill analysis for the twelve months ended March 31, 1999 was utilized to develop present rate revenues. Adjustments were made	
5	to reflect the number of customers projected as of the true-up date for Residential and Commercial customer classes. These same	
6	customers were weather normalized using a ten year average consumption per customer per day from history data covering 1989	
7	through 1998.	
8		
9	Unbilled revenues were eliminated to reflect the annualization of customers and rates authorized by the Commission in the Company's	
10	last rate case.	
11		
12	Details of these adjustments are shown on pages 2 and 3 of Schedule JMW-2.	
13		
14		
15		
16		
17		
18		
19	Pro Forma Revenues at Present Rates	\$30,668,140
20		
21	Less: Amount Per Books - Test Year Ended September 30, 1999	29,597,745
22		<u> </u>
23	Pro Forma Adjustment	1,070,395
24		
25		
26		

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

	Hade Disciols	Test Year	Eliminate	Bill Analysis	Bill Analysis	Weather Norm		Pro Forma
Line		Ending	Unbilled	Reconciliation	At	& Cust Ann		Present Rate
No.		09/30/1999	Revenues	Adjustments	Rates	Adjustments	Other	Revenues
110.		09/30/1989	Kevellues	Aujusulienta	Nates	Adjustricitis	Other	11010111100
2	Sales of Water							
ā	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	Ō	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	ō	4,873	1,006,630
8	Sales for Resale	1,227,013	(577)	(23,228)	1,203,208	Õ	15,321	1,218,529
9	Miscellaneous	43,202	0	(1,751)	41,451	Ō	0	41,451
10		,,,,,,	_	1.11		*		·
11	Total Metered Sales	29,123,860	(84,026)	(692,260)	28,347,574	1,116,181	136,104	29,599,859
12			ζ= :,;===-			.,,		
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			• •	<u> </u>		· ·	•	 _
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					i			
31								
32	Total Operating Revenues	30,174,616	(84,026)	(674,735)	29,415,855	1,116,181	136,104	30,668,140
33								

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

Missouri Public Service Commission Company: Missouri-American Water Company

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

Water Districts

Line No.

2

3

6

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.

MAVVC weather normalized its usage by applying the average usage per customer, times the projected number of customers at April 30, 2000. MAVVC 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	,704 ,575
Annualization Adjustments to Residential Class: Customer Meter Annualization 1,227 57,623 8,484 13,384 95,308 59,937 16,908 \$252,8 Ustomer Usage Annualization 8 Weather Normalization 298 28,175 30,242 18,529 442,630 161,061 43,769 724,7 Weather Normalization 298 28,175 30,242 18,529 442,630 161,061 43,769 977,5 Annualization Adjustments to Commercial Class:	,704 ,575
13 Customer Meter Annualization 1,227 57,623 8,484 13,384 95,308 59,937 16,908 \$252.8 14 Customer Usage Annualization 8 15 Weather Normalization 298 28,175 30,242 18,529 442,630 161,061 43,769 724,7 16 17 18 Annualization Adjustments to Commercial Class:	,704 ,575
14 Customer Usage Annualization & 15 Weather Normalization 298 28,175 30,242 18,529 442,630 161,061 43,769 724,7 16 977,5 17 18 Annualization Adjustments to Commercial Class:	,704 ,575
15 Weather Normalization 298 28,175 30,242 18,529 442,630 161,061 43,769 <u>724,7</u> 16 977,5 17 18 Annualization Adjustments to Commercial Class:	,575
977,5 17 18 Annualization Adjustments to Commercial Class:	,575
17 18 Annualization Adjustments to Commercial Class:	
18 Annualization Adjustments to Commercial Class;	
19 Cusioniei Meter Annualization \$240 \$11,091 \$1,000 \$2,441 \$0,390 \$11,754 \$1,444 \$00,5	-4CIA
20 Customer Usage Annualization &	,554
21 Weather Normalization 1,288 75,730 (13,943) (6,649) 41,687 (9,078) 13,177 102,2	212
22	
23	000
24	
25 Annualization Adjustments to Industrial Class:	
26 Annualized Change in Operations for	
27 three accounts \$0 \$0 \$0 \$0 \$75,591 \$0 75,5	591
28 Customer Rerouting 0 47,157 0 0 0 0 0 47,15	
29 Loss of Customer 0 0 (6,838) 0 0 0 0 (6,638)	838)
\$115,9	
31	
32 Annualization Adjustments to OPA Class:	
33 Customer Rerouting \$0 \$4,873 \$0 \$0 \$0 \$0 \$0\$4,87	
\$4,8 7	8 73
35	
36 Annualization Adjustments to OWU/Resale Class:	
37 Customer Rerouting \$0 \$15,321 \$0 \$0 \$0 \$0 \$0 \$0 \$15,32	321
38 \$15,32	321
39 40 Total Annualization Adjustments 1 252 28	-
40 Total Annualization Adjustments 1,252,28	

-·	****	-			 	
٠ +						
1						
•						

.

.

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 Page 1 of 2

Line			
No.			
1			
2			
3			
4	A bill analysis for the twelve months en-	ded March 31, 1999 was utilized to develop present rate revenues. Adjustments were made	
5		ected as of the true-up date for Residential customer class.	
6		·	
7			
8			
9	Details of these adjustments are shown	on pages 2 of Schedule JMW-3.	
10		• •	
11			
12			
13 .	•	•	
14			
15			
16			
17			
18			
19		Pro Forma Revenues at Present Rates	\$47,256
20			
21		Less: Amount Per Books - Test Year Ended September 30, 1999	47,192
22			
23		Pro Forma Adjustment	64
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			

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-3 Page 2 of 2

Line No.	Water Districts	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	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Residential		0	0	0	0	0	0
5	Commercial	0	o	ő	Ō	0	0	0
6	Industrial	Ü	n	Ď	Ď	Ö	0	0
7	Other Public Authority	0	õ	ő	ō	Ō	0	0
8	Sales for Resale	0	0	0	ō	Ō	٥	0
9	Miscellaneous	U	U	•	•			
10		0	0	0	0	D	0	0
11	Total Metered Sales							
12		47 402	o	64	47,256	0	Đ	47,2 <u>56</u>
13	Sewer Service	47,192			117245			
14		•				•		•
15	Fire Sérvice	0	0	0	0	0	0	0
16	Private Fire Service	U	v	·	-			
17	T-1-1 El B	0		0	0	0	0	0
18	Total Fire Service							"
19	- (-) - (-)	47,192	0	64	47,256	0	0	47,2 <u>56</u>
20	Total Sales of Water	47,192			,			
21	Other Counties County on							
22	Other Operating Revenues Reconnect Charges	0	0	0	0	0	0	0
23	Returned Check Charge	ñ	Ď	ō	0	0	o	0
24		ő	ň	ō	0	0	0	0
25	Application Fee	ő	ď	ō	0	Đ	0	0
26	Miscellaneous Other Rev	ñ	ő	ă	0	0	0	0
27	Rents From Water Property	Ü	•	J				
28	Tital Other Country Devention		0	0	0	0	0	0
29	Total Other Operating Revenues		<u>_</u>					
30								
31 32	Total Operating Revenues	47,192	0	64	47,256	0	0	47,256
JZ	i den obsientiff i coloniano							

33

38 39 40