26 27 28 29 30 31 31 32 32 33 33 34 34 36 36 37	24 Total Revenue Requirement	22 Adjusted Operating Revenues 23	20 Revenue Deficiency 21	18 Gross Revenue Conversion Factor 19	16 Operating Income Deficency 17	14 Required Operating Income 15	12 Requested Rate of Return	10 Earned Rate of return	8 Operating Income at Present Rates	6 Rate Base	2 3 4 Description 5	Line No. 1	Total Company - Water and Sewer	
	\$183,460,026	\$163,449,873	\$20,010,153	1.63557	12,234,383	41,307,538	8.30%	5.84%	\$29,073,155	\$497,681,177	Amount		Case No. WR-2003-XXX and Case No. SR-2003-XXX Schedule CAS-1 Page 1 of 3	For the Test Year Ended December 31, 2002

uri Public Service Commission any: Missouri-American Water Company Company - Water and Sewer	lest real cinded December 31, 2002	31, 2002	Case	No. WR-2003-XX	Case No. WR-2003-XXX and Case No. SR-2003-XXX Schedule CAS-1 Page 2 of 3
Line# 1 Schedule 3 Reference	Test year Ended 12/31/02	Adjustments	Pro Forma Present Rates	Adjustments	Pro Forma Proposed Rates
5 Operating Revenues	\$162,035,846	\$1,414,026	\$163,449,873	\$20,010,153	\$183,460,026
Operating Expenses Operating and Maintenance Operating and Maintenance Depreciation Expense Amortization Expense	75,377,336 24,238,736 1,925	9,223,750 3,120,663 158,893	84,601,086 27,359,399 160,818	152,834 0 0	84,753,920 27,359,399 160,818
Taxes other Than Income Taxes Taxes other Than Income Taxes Property Taxes Fayroll Taxes Other	8,952,495 1,786,754 802,712 248,906	1,601,735 87,186 0 (80,094)	10,554,230 1,873,940 802,712 168,812	0000	10,554,230 1,873,940 802,712 168,812
19 Utility Operating Income Before Income Taxes	50,626,982	(12,698,107)	37,928,876	19,857,319	57,786,195
Income Taxes Current Federal Income Tax Current State Income Tax Deferred Income Tax Amortization of Investment Tax Credit	3,037,854 1,294,946 10,676,720 (155,183)	(108,112) (834,557) (5,055,947) 0	2,929,742 460,389 5,620,773 (155,183)	6,587,734 1,035,214 0	9,517,476 1,495,603 5,620,773 (155,183)
27 Utility Operating Income 28 29 30 31 31 32 32 33 34 35 36	\$35,772,645	(\$6,699,491)	\$29,073,155	\$12,234,371	\$41,307,526

		Rate Base Summary Test Year Ended December 31, 2002	1 2002	
Misson Compa	Missouri Public Service Commission Company: Missouri-American Water Company Total Company - Water and Sewer		-	Case No. WR-2003-XXX and Case No. SR-2003-XXX Schedule CAS-1 Page 3 of 3
Line #				
ο N ¬		Per Books		Pro Forma
4 r		201102	Adustillelits	7.00 C
ග ౮	Utility Plant in Service	889,575,461	47,224,123	936,799,584
» ~	Accumulated Provision for Depreciation	(233,583,554)	(18,377,587)	(251,961,141)
3 0 0	Accumulated Amortization	(457,553)	0	(457,553)
3 = ₹	Utility Plant Acquisition Adjustments	6,633,337	974,359	7,607,696
1 & 4	Net Utility Plant	662,167,691	29,820,895	691,988,586
15 16 16 19 19 20 21	Less: Customer Advances Contributions in Aid of Construction Accumulated Deferred ITC (3%) Deferred Income Taxes Pension Liability	54,601,235 97,358,619 46,126 41,675,668 4,780,453	7,279,368 (1,075,286) 0 1,884,306 4,638,612	61,880,603 96,283,333 46,126 43,559,974 9,419,065
25 25 23	Subtotal	198,462,101	12,727,000	211,189,101
33 33 33 33 33 34	Add: Cash Working Capital Cash Working Capital Materials and Supplies Prepayments OPEB's Contributed to External Fund Premature Retirement Regulatory Deferrals	7,507,000 3,091,931 518,449 1,066,059 0 3,851,571	0 0 0 (28,234) 0 874,916	7,507,000 3,091,931 518,449 1,037,825 0 4,726,487
3 3 4 3 6 6	Subtotal	16,035,010	846,682	16,881,692
38 39 40	Total Original Cost Rate Base	479,740,600	17	497,681,177

Missouri Public Service Commission Company: Missouri-American Water Company District: Brunswick	ission Water Company			Case No. WR-2003-XXX Schedule CAS-2-BRU
				Page 1 of 1
No.				
ω 4 π	Description	Supporting Schedule	Amount	
7	Rate Base	CAS-3-BRU	\$1,125,616	
- & Q	Operating Income at Present Rates	CAS-8-BRU	(37,030)	
10	Earned Rate of return		-3.29%	
3 13 -	Requested Rate of Return	Grubb Testimony	8.30%	
17.4	Required Operating Income		93,426	
16	Operating Income Deficency		130,456	
10 to 5	Gross Revenue Conversion Factor		1.63870	
20 0	Revenue Deficiency		213,778	
22 ·	Adjusted Operating Revenues	CAS-8-BRU	204,979	
24 25 26	Total Revenue Requirement		\$418,757	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Gross Revenue Conversion Factor Revenue Uncollectibles PSC Assessment Before Tax Amount State Income Taxes Federal Income Taxes Total Taxes and Expenses Net Amount	or \$1,000.000 0.95340% 9.534 0.00000% 0.000 990.466 5.21327% 51.636 33.17536% 328.591 389.761 \$610.239		
38	Conversion Factor	1.63870		

		Test Year Ended December 31, 2002	1. 2002	
Missouri Public Service Commission Company: Missouri-American Water Company District: Brunswick				Case No. WR-2003-XXX Schedule CAS-3-BRU Page 1 of 1
Line#				
1 2 3 Rate Base Component	Supporting Reference	Per Books <u>12/31/02</u>	Adjustments	Pro Forma Rate Base
5 Utility Plant in Service	CAS-4-BRU	\$1,693,733	\$173,319	\$1,867,052
7 Accumulated Provision for Depreciation	CAS-5-BRU	(528,399)	(34,847)	(563,246)
Accumulated Amortization	W/P's	0	0	0
10 11 Utility Plant Acquisition Adjustments	W/P's	0	1,063	1,063
13 Net Utility Plant 14		1,165,334	139,535	1,304,869
<u>_</u>	CAS-6-BRU	155	0	155
18 Contributions in Aid of Construction19 Accumulated Deferred ITC (3%)	CAS-6-BRU W/P's	153,912 0	(3,074)	150,838 0
	W/P's W/P's	80,005 4,780	825 4,639	80,830 9,419
23 24 Subtotal 25		238,852	2,390	241,242
Þ	CAS-7-BRU	8,000	0	8,000
	W/P's	5,278 5,18	000	5,278 518
31 OPEB'S Contributed to External Fund 32 Premature Retirement 33 Regulatory Deferrals 34	W/P's W/P's	5,010 0 25,460	(132) 0 17,855	4,878 0 43,315
35 Subtotal		44,266	17,723	61,989
Total Original Cost Rate Base		\$970,748	\$154,867	\$1,125,616

		For	Utility Plant in Service For the Test Year Ended December 31 2002	24 2002		
Missouri Company District:	Missouri Public Ser Company: Missouri District: Brunswick	vice Commission -American Water Company			Ω	Case No. WR-2003-XXX Schedule CAS-4-BRU Page 1 of 2
Line #	Acct No	Account Description	Per Books	Pro Forma	Pro Forma	
ωΝ	301	Intangible Plant Organization	# D	9	9 G	
4	302	Franchise & Consents	1.092	000	1092	
О	303	Miscellaneous Intangible Plant Studies	2,294	285	2,579	
7 6		Source of Supply Plant	3,386	795	4,181	
σ.	310	Land & Land Rights	11,981	0	11.981	
9	311	Structures & Improvements	22,231	8,289	30,520	
1 7	312	Collection & Impound Resevoirs	0	0	0	
	31 S	Wells & Springs	1/1 FOR O	0		
ದ i	316	Supply Mains	80.233	.	80.233	
14		Subtotal	256,030	8,289	264.319	
<u></u>	300	Pumping Plant Pimping I and & I and Bights	•			******
17	321	Pumping Structures & Improvements	39.237	13 354	52 501 C	
18	322	Boiler Plant Equipment	0	0	0	
3 6	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Force Mains	1,498	0	1,498	
2 !	325	Electric Dumping Equipment	200	» c	0	
22	326	Diesel Pumping Equipment	0	0 0	0	
23	327	Pump Equip Hydraulic	0	0	0 (
 22 24 75	328	Other Pumping Equipment	8,499	0	8,499	
26		Treatment Plant	149,399	13,354	162,/53	
27	330	Water Treatment Land & land Rights	1,468	o	1.468	
28	33	Water Treatment Structures & Improvements	231,379	104,992	336,371	
29	332	Water Treatment Equipment	196,270	0	196,270	
<u>ယ</u> င	332.4	Subtotal	420 117 0	0	0	
32		Transmission & Distribution Plant	150, 11	100,000	004,100	
္ကယ္သ	340	Transmission & Distribution Land	591	0	591	
4 9	341	Transmission & Distribution Structures & Improvements		o	25,493	
3 &	342	Distribution Reservoirs & Standpipes	77,020	6,447	83,467	
36	343	Transmission & Distribution Mains Conv	272,120	5,250	277,370	
3 3	343.1	Transmission & Distribution Mains < 4"	32,073	0	32,073	
 ყ	343.Z	Transmission & Distribution Mains 6" - 8" Transmission & Distribution Mains > 10"	32,305 0	0	32,305	
40		Subtotal	otal 439,602	11,697	451,299	
		THE REAL PROPERTY OF THE PROPE				

_						-
Missou	ıri Public Ser	Missouri Public Service Commission	For the lest year Ended December 31, 2002	ed December 31, 2002		Case No. WR-2003-XXX
Compa District	Company: Missouri District: Brunswick	Company: Missouri-American Water Company District: Brunswick				Schedule CAS-4-BRU Page 2 of 2
Line #						
	Acct No	Account Description	Per Books	<u> </u>	Pro Forma	
20		Transmission & Distribution Plant	Bal Fwd 439,602	02 <u>Adjustitions</u>	451,299	
. ω	344	Fire mains			0	
4 1	345	Services	95,121	21 7,920	103,041	
υ	346.1	Meters - Bronze Case	14,206		21,574	
1 O	346.2	Meters - Plastic Case			0	
ю ¬	346.3	Motor Indicator	16,047		16,047	
0 0	2 C		44,5/6	6	44,576	
<u></u>	349 0	Other Transmission & Distribution Diant	/4,440		74,440	
1	;	Subtotal	683 992	92 26 985	710 977	
2 2	}	General Plant	1		10,017	
5	000	General Land & Land Rights		0	0	
1 7	390.1	Stores Shops Equipment Structures Office Structures	<u> </u>			
1 6	390	General Structures - HVAC	,; <u>;</u> ;	_	- - 1 + - + + + + + + + + + + + +	
17	390.3	Miscellaneous Structures		0	0	
1 2	30 391 3	Office Furniture and Equipment	3,539	39 8,691	12,230	
20 5	391.25	Computer Software		630 630	811	
21	391.26	Personal Computer Software		0 156	155 155	
22	391.3	Other Office Equipment	21,763		21.777	
23	392.11	Transportation Equipment - Light Trucks	33,587		33,676	
24	392.12	Transportation Equipment - Heavy Trucks			0	
25	392.2	Transportation Equipment - Cars		0 175	175	
376	392.3	Fransportation Equipment - Other		0	0	
1	304	Tools Chan 8 Comment	10,815	0	10,815	
 29	395	Laboratory Equipment	34,278		34,289	
30	396	Power Operated Equipernt	0.000	0 0	29;593 0	-
<u> </u>	397	Communication Equipment (non telephone)	2,526	26 7	2.533	
32	397.2	Telephone Equipment		0 29	29	
. ట్ర	398 398	Miscellaneous Equipment	14,047	1,8	15,904	
υ ω 4 π	399	Other Langable Property	23,654	•	23,654	
ස ස		Subtotal	171,8	18,904	190,713	
37		Total Plant in Service	\$1,693,733	\$173,319	\$1,867,052	
39						
45					The state of the s	

cumulated Depreciation and Amortization Test Year Ended December 31, 2002

Missour	i Public Ser		est Teal Elived Decellibel 31, 2002	002	Ca	Case No. WR-2003-XXX
District:	District: Brunswick	District: Brunswick				Schedule CAS-5-BRU Page 1 of 2
Line #			Per Books	Pro Forma	Pro Forma	
, _	Acct No	Account Description	12/31/02	<u>Adjustments</u>	Reserve	
ω Ν	301	Intangible Plant Organization	A O	ő	e O	
4	302	Franchise & Consents	- 8	o 6	5	
ပၢ	303	Miscellaneous Intangible Plant Studies	0 (1.579	1.579	
တ		Subtotal	0	1.579	1 579	
7		Source of Supply Plant			1,010	
- σ	310	Land & Land Rights	0	0	0	
9	311	Structures & Improvements	749	(151)	598	
10	312	Collection & Impound Resevoirs	0	0	0	
) <u> </u>	313	Lake, Kiver, & Other Intakes	0	0	0	
<u> </u>	316	vvelis & oprings	49,993	2,959	52,952	
<u></u>	2	Subtotal S	24,6/8	1,302	25,980	
다 :		Pumping Plant	/3,419	4, 111	/9,530	
16	320	Pumping Land & Land Rights	0	0	0	
17	321	Pumping Structures & Improvements	2,211	(519)	1.692	
3 &	322	Boiler Plant Equipment	0	0	0	
3 7	220	Stoom Diamoing Equipment	, <u>-</u>	28	660	
2 5	325	Electric Pumpina Equipment	23.468	3 460 0	36 030 0	
22	326	Diesel Pumping Equipment	0	O I	000,000	
23	327	Pump Equip Hydraulic	0	0 (0 (
24	328	Other Pumping Equipment	132	176	308	
3 Z		Subtotal	26,441	3,149	29,590	
27 0	330	Water Treatment I and & land Dights	Þ)	>	
28	331	Water Treatment Structures & Improvements	115 661	(3 F 33)) 7 7	
29	332	Water Treatment Equipment	79.380	5 307	84 687	
30	332.4	Water Treatment Equipment - Filter Plant		0	0	
<u> </u>		Subtotal	195,041	1,774	196,815	
3 K	340	Transmission & Distribution Plant	ò	•	•	
34	34.1 34.1	Transmission & Distribution Structures & Improvements	700	2	, ,	
င္တ	342	Distribution Reservoirs & Standpipes	19 733	750 750	28 V UC 666'!	
36	343	Transmission & Distribution Mains Conv	129 153	3 350	130 510	
37	343.1	Transmission & Distribution Mains < 4"	0	444	444	
38	343.2	Transmission & Distribution Mains 6" - 8"	0	447	447	
39	343.3	Transmission & Distribution Mains > 10"	0	0	0	******
 60		Subtotal	149,586	6,299	155,885	

	A. F.	Accumulated Depreciation and Amortization For the Test Year Ended December 31, 2002	nortization ≱r 31, 2002		
Missouri Public Service Commission				Case No. WR-2003-XXX	003-XXX
Company: Missouri-Ar	Company: Missouri-American Water Company			Schedule CAS-5-BRU	S-5-BRU
District: Brunswick				7	Page 2 of 2
Line #					
		Per Books	Pro Forma	Pro Forma	
1 Acct No	Account Description	12/31/02	Adjustments	Reserve	

37	8 3 4	2 33	8 8	<u> </u>	30	29	28	27	26	25	24	23	22	21	20	19	18	17	6	5	14	ಪ	12	⇉	-	9	œ	7	တ	۲٦	4	ω	N	_	Line #
	Ç	398 8	397.2	397	396	395	394	393	392.3	392.2	392.12	392.11	391.3	391.26	391.25	391.2	391	390.3	390	390.1	390	389			349	348	347	346.3	346.2	346.1	345	344		Acct No	
Total Plant in Service	Subtotal	Miscellaneous Equipment	Telephone Equipment	Communication Equipment (non telephone)	Power Operated Equipemnt	Laboratory Equipment	Tools, Shop, & Garage Equipment	Stores Equipment	Transportation Equipment - Other	Transportation Equipment - Cars	Transportation Equipment - Heavy Trucks	Transportation Equipment - Light Trucks	Other Office Equipment	Personal Computer Software	Computer Software	Computers & Peripheral Equipment	Office Furniture and Equipment	Miscellaneous Structures	General Structures - HVAC	Office Structures	Stores Shops Equipment Structures	General Land & Land Rights	General Plant	Subtotal	Other Transmission & Distribution Plant	Hydrants	Meter Installation	Meters - Not Class By Type	Meters - Plastic Case	Meters - Bronze Case	Services	Fire mains	Transmission & Distribution Plant	Account Description	
																																	Bal Fwd		
\$528,399	35,476	2,206	3,051	0	0	5,818	8,355	353	12,484	0	0	0	0	0	0	0	2,697	0	0	275	0	0		196 021	0	25 179	(551)	15,405	0	0	6,401	0	149,586	12/31/02	
\$34,847	12,572	366	45	244	0	321	1,635	87	(0)	193	0	3.914	1.860	314	1.443	1.859	(297)	0	0	155	0	0	1000	11 663	0000	2 088	944	830	0	0	1.503	0	6,299	Adjustments	1
\$563,246	48,048	2,572	3,096	244		6.139	9,990	440	12,484	193	0	3.914	1.860	314	1.443	1.859	2,400	0 (0	430	0	0	100	207 684	0 2,20	27 267	303	16.235	ɔ (0	7.904	0	155,885	Pro Forma Reserve	1

Customer Advances and Contributions in Aid of Construct For the Test Year Ended December 31, 2002	nstruction 2
Missouri Public Service Commission	Case No. WR-2003-XXX
Company: Missouri-American Water Company	005
District: Brunswick	Page 1 of 1
lipo#	
Line#	

286888888888888888888888888888888888888	2 2 3	22	22 23	19 8	17 6	5 5	14	ವ ೯	3 1	10 9	8 7	တဟ	3 4 1) N -	Line #
	Various	271.47	271.27 271.37	271.71 271.12		271.30	271.21	271.12	371 11			252.71	252.11	Acct No	
	Accumulated Amortization - CIAC Total Contributions in Aid of Construction	Contributions in Aid - Taxable Hydrants	Contributions in Aid - Taxable Services Contributions in Aid - Taxable Meters	Contributions in Aid - Taxable Mains Contributions in Aid - Taxable Extension Deposit	Contributions in Aid - NT Hydrants Contributions in Aid - NT Other	Contributions in Aid - NT Meters	Contributions in Aid - NT Services	Contributions in Aid - NT Extension Deposit	Contributions in Aid of Construction			Advances for Construction - Taxable Extensions Total Customer Advances	<u>Customer Advances</u> Advances for Construction - Extensions	Account Description	
	(66,435) 153,912	0 0	412 0	210,600 7.270	00	0	1.875	9 0	•			0 155	155	Per Books 12/31/02	
	(3,074)	00	000	00	00	0 (5 0) C	•			0	0	Pro Forma <u>Adiustments</u>	
	(69,509) 150,838	00	412	210,600 7,270	00	0	1 875	1000				155	155	Pro Forma <u>Balance</u>	

For the	Working Capital For the Test Year Ended December 31, 2002	ocember 31, 21	CUL			
Missouri Public Service Commission Company: Missouri-American Water Company District: Brunswick						Case No. WR-2003-XXX Schedule CAS-7-BRU Page 1 of 1
Line #						
J →	Proforma	Average	,] 	-	-
3 Expense Category	Expense	Expense	Lag	(Lead)/Lag	(Lead)/Lag	Requirment
Base Payroll	56,786	156	36.78	10.23	26.55	4,131
6 Fuel and Power	26,982 10.843	30 30	36.78 36.78	17.39 37 22	19.39 (0.44)	1,433
	6,454	18	36.78	36.78	0.00	0
9 Service Company Charges	13 380	20	36.78 36.78	53.15	(16.37)	000
	13,747	£ 85	36.78	(4 . 13) (8.54)	45.32	1,707
12 Pensions	1,989	ល្ខ បា	36.78 36.78	(0.04)	36.82	201
	1,498	ن 4.	აი./ი 36.78	36.78	0.00 0.00	၁ C
14 Insurance Other than Group	3,556	10	36.78 36.78	36.78	0.00	00
	3,681	1	36.78	24.37	12.41	125
18 Other O&M	11,064	30 85	36.78	48.80	(12.02)	(364)
	230,423	į		!	; ; ;	11,594
21 Depreciation Amortization Expense	48,009	132	36.78	0.00	36.78	4.838
22 Property Taxes 23 Public Service Commission Fee	13,031 808	ა ა	36.78	182.50	(145.72)	(5,202)
24 Franchise and Environment Tax	360	ı <u>~</u> ı	36.78	110.50	(73.72)	(73)
	6,234	17	36.78	62.05	23.34 (25.27)	8 (432)
	0	0	36.78	62.05	(25.27)	0
29 State Income Tax - Current	(38,330) (6,023)	(105) (17)	36.78 36.78	60.25 62 17	(23.47) (25.39)	2,465 419
30 Deferred Income Taxes	(3,000)	(8)	36.78	0.00	36.78	(302)
	562	» i	36.78	45.63	(54.37) (8.85)	(5,8/9) (14)
	291,753	1			(i	7,586
35 Total Cash and Working Capital Requirement Used					ſ	8,000
37					II	
8 5						
39 40						
The state of the s						

		Statement of Income Per Books and Pro Forma For the Test Year Ended December 31, 2002	Books and Pro Fo	irma 02			
Missouri Public Ser Company: Missouri District: Brunswick	Missouri Public Service Commission Company: Missouri-American Water Company District: Brunswick						Case No. WR-2003-XXX Schedule CAS-8-BRU Page 1 of 1
Line #							
- αω4 :		Schedule Reference	Test year Ended 12/31/02 /	Adjustments	Pro Forma Present Rates	Adjustments	Pro Forma Proposed Rates
7 6 5	Operating Revenues	CAS-9-BRU	\$206,647	(\$1,668)	\$204,979	\$213,778	\$418,757
3 1 3 o o o -	Operating Expenses Operating and Maintenance Depreciation Expense Amortization Expense	CAS-10-BRU CAS-10-BRU CAS-10-BRU	192,155 43,236 0	28,555 4,773 0	220,710 48,009 0	2,038	222,748 48,009 0
2 7 6 6 7 2 6	Taxes other Than Income Taxes Property Taxes Payroll Taxes PSC Fees Other	CAS-10-BRU CAS-10-BRU CAS-10-BRU CAS-10-BRU	10,973 6,485 803 352	2,058 (130) 0 103	13,031 6,355 803 455	0	13,031 6,355 803 455
19	Utility Operating Income Before Income Taxes	axes	(47,357)	(37,027)	(84,384)	211,740	127,356
28 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Income Taxes Current Federal Income Tax Current State Income Tax Deferred Income Taxes Amortization of Investment Tax Credit	CAS-12-BRU CAS-12-BRU	6,561 2,797 4,171 0	(44,891) (8,820) (7,171)	(38,330) (6,023) (3,000) 0	70,245 11,038 0	31,915 5,015 (3,000) 0
40 88 87 88 88 88 88 88 88 88 88 88 88 88	Utility Operating Income		(\$60,886)	\$23,856	(\$37,030)	\$130,457	\$93,427
40							

	י כו כות ומשו	ופמי הוועפט	י כי כים יפשר ופמי הוועפט ספרפוווספו טו, בססב	7007			
Missouri Public Service Commission Company: Missouri-American Water Company District: Brunswick		7					Case No. WR-2003-XXX Schedule CAS-9-BRU Page 1 of 1
Line#							
_	Test year	Eliminate	Bill Analysis	Bii	Normalizaton		Pro Forma
» N	Ending	Unbilled	And Other	Analysis	& Annual	Other	Present Rate
4 4	12/31/02	Kevenue	Adjustments	at Kates	Adjustments	Adjustments	Revenue
5 Sales of Water 6 Metered Sales							
	\$100 007	\$ 291	(\$94)	\$100 204	(\$3.041)		¢07 163
	24,018	(41)		24,197	(81)		24,116
	723) 18		741			741
11 Sales for Resale	3,5/3 63,673	4 (30)		3,544			3,544
	0,001	0	0 0	04,770			64,770
14 Total Metered Sales	192,002	1,327	127	193,456	(3,122)	0	190,334
	•)	1				
18		c		0		0	0
19 Fire Service20 Private Fire Service	5,071	0	0	5 071		D	۶ 1071
			Ć	0,0		c	0,07
22 Total Fire Service	5,071	0	0	5,071	0	0	5,071
Total Sales of Water	197,073	1,327	127	198,527	(3,122)	0	195,405
25 26 Other Operating Revenues							
	200			200			200
	60			60			60
30 Miscellaneous Other Revenue	2,000 7314			2,000			2,000
	0			0			7,314 0
33 Total Other Operating Revenues	9,574	0	0	9,574	0	0	9.574
Total Operating Revenues	\$206,647	\$1,327	\$127	\$208,101	(3,122)	0	\$204,979
38							

	Summary of (
For the Tes	Operations
For the Test Year Ended December 31, 2002	nary of Operations and Maintenance Expenses and General Taxes
December 31	nce Expense
1, 2002	s and General
	Taxes

Missouri Public Service Commission Case No. WR-2003-XXX Schedule CAS-10-BRU Page 1 of 1

Company: Missouri-American Water Company District: Brunswick	nerican \	Vat	P P	Company
Line #				
•				

29 30 31 32 33 34 35 36 37 36 37 38 37	24 25 26 27 28	1 2 4 2 3 0 7 8 9 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Payroll Taxes PSC Fees Other General Taxes Total Taxes Other Than Income Taxes	Depreciation Amortization Total Depreciation and Amortization Property Taxes	Schedule Schedule CAS-11-BRU Schedule Expense Description Reference Expense Description Reference Expense Adjustment
CAS-11-BRU CAS-11-BRU CAS-11-BRU	CAS-11-BRU CAS-11-BRU	Schedule Schedule Reference CAS-11-BRU
6,485 803 352 18,613	43,236 0 43,236 10,073	Test Year Expense \$83,751 0 10,979 5,681 3,514 7,529 15,736 1,979 539 3,080 7,691 327 5,131 16,788 29,430 192,155
(130) (130) 0 103 2,031	4,773 0 4,773	Adjustment \$18 0 (135) 773 (464) 4,851 4,858 9,946 (266) 476 (118) 3,354 (651) 2,771 3,142 28,555
6,355 803 455 20,644	48,009 48,009	Pro forma Present Rates \$83,769 0 10,844 6,454 3,050 12,380 20,594 11,925 273 3,556 7,573 3,581 4,480 19,559 32,572 220,710

Missouri Public Service Commission Company: Missouri-American Water Company Division: Brunswick

> Case No. WR-2003-XXX Schedule CAS-11-BRU Page 1 of 4

40	<u>ფ</u>	38	37 -	¦ &; T	3 G	μ 4 β	: 83 T	3 83	<u>د</u> د	2 (30 T	29	28	27	26	25	24	۲,	3 23	23	2 23	6	8	17	6	5 5	4	<u>ئ</u>	12	=	5	ဖ		7	က T	о т	ω 4	∾ ¬
								29d	282	300	29h	29a				28	27				25	23	20	19	18	17	16	15	14	13	12	1	6	9	8	Number	168 Line	
						Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Case Description	Payroll taxes	Property Taxes		Total Depreciation and Amortization		Amortization	Depreciation		Total Operations and Maintenance	The second secon	Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	Labor	Description		
						18,613		352	803	0,400	8 487	10.973		43.236		0	43,236		192,155		29,430	16,788	5,131	327	7,691	3,080	539	1,979	15,736	7,529	3,514	5,681	10,979	0	\$83,751	31-Dec-02	Test Year	
						0								0					18																\$18	Expense	CAS-15 p1	Cahadiila
						0								0					4,858										4,858							Expense	CAS-15 p2	Dahadilla Dahadilla
						0								0					9,946									9,946			,					Expense	CAS-15 p3	0-6-24-12
						0								Э					(29)			(29)														Expense	CAS-15 p4	0-1-24.12
						(130)				(130)	,,,,,,,		ļ	0					0																	Expense	CAS-15 p5	2-1-1-1-1-1
						0								o					(135)										-				(135)			Expense		7
						0								9					773													773				Expense	CAS-15 p7	
						0													0															0		Expense	Schedule CAS-15 p8	

Missouri Public Service Commission
Company: Missouri-American Water Company
Division: Brunswick

Γ	T	T	Τ	T	Τ	Ī										3 2	Γ	Π		T	Γ	Τ	Γ	Γ						Γ	Γ	Ι	
L							29d	L	L	29a		╛	28				<u> </u>	21	L		L	L			14		12					Line Number	168
				THE PARTY OF THE P	Total Taxes other than income	TO THE PARTY OF TH	Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes	Total Depreciation and Amortization		Amortization	Depreciation	i dai operations and maillenance	Total Operations and Maintenance	Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water		Description	
					0						0				(404)	1424											(464)					Waste Disp. Expense	Schedule CAS-15 p9
					0						0				(200)	(000)							(266)									Regulatory Expense	Schedule CAS-15 p10
					0						0				4/6							476	-									Ins. Other Expense	Schedule CAS-15 p11
					0						0				4,851											4,851						Mgt Fees Expense	Schedule CAS-15 p12
					0						0				3,354					3,354			-									Rent Expense	Schedule CAS-15 p13
					0						0				(125)				(125)													Rent	Schedule CAS-15 p13
					0						0				(482)			(482)														Rent	Schedule CAS-15 n13
					0						0				0		0															Main Breaks Expense	Schedule CAS-15 n14
-					0						0				(526)				(526)													Employee	Schedule CAS-15 n15

Case No. WR-2003-XXX Schedule CAS-11-BRU Page 2 of 4

Missouri Public Service Commission Company: Missouri-American Water Company Division: Brunswick

				29d	290	296	29a				28	27			25	21	20	19	18	17	16	15	14	13	12	11	10	9	8	Number	168
		THE PARKS	Total Taxes other than income	Other General Taxes			L		Total Depreciation and Amortization		Amortization	Depreciation	i ciai Operations and Maintenance	Total Operations and Maintenance	Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	Labor	Description	
			0						0				c	,		0														Expense	Schedule CAS-15 p16
			2,058				2,058		0				0																	Property Taxes Expense	Schedule CAS-15 p17
			95	95					0				c																	PSC Assess Expense	Schedule CAS-15 p18
			0						0				3,142		3,142															Tank Painting Expense	Schedule CAS-15 p19
			0					,	0	0			c																	Amortization Expense	Schedule CAS-15 p20
			0			3		Š	0				(118)						(118)											Uncollectable Expense	Schedule CAS-15 p21
			0						0				0						0											Uncollectable Expense	Schedule CAS-15 p21
			0					4,1,0	4 773		4,773	, ==5	0																	Depreciation	Schedule CAS-15 p22
			0										0			\$0													2000	One Call Expense	Schedule CAS-15 p23

Case No. WR-2003-XXX Schedule CAS-11-BRU Page 3 of 4

→ No.

Missouri Public Service Commission Company: Missouri-American Water Company Division: Brunswick

4 4	39	38	37	36	ဌဌ	34	జ	33	<u> </u>	8	29	28	27	26	25	24	2	8 8	2	20	19	18	17	6	5	14	3	12	=======================================	10	ဖ	00	7	· σ.	. o	1 & 4
								29d	29c	29b	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	=	0	9	0.00	Number	168 Line
				TOTAL CONTRACT CONTRA	TO THE REAL PROPERTY OF THE PARTY OF THE PAR	Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes		Total Depreciation and Amortization		Amortization	Depreciation		Total Operations and Maintenance		Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	Labor	Description	
						0							0					3,188			\$3,188														Expense	CAS-15 p24 AAO Security
						0							0					94			\$94														Expense	Schedule CAS-15 p25 Relocation
						8		\$8				,	0					0																	Expense	Schedule CAS-15 p26 Franchise tax
						0							0					0																	Expense	Schedule
						0							0					0																	Expense	Schedule
																																			Expense	Schedule
						0							0					0																	Expense	Schedule
						2.031		103	0	(130)	2,058		4 773		0	4.773		28,555		3,142	2,771	(651)	3,354	(118)	476	(266)	9.946	4.858	4.851	(464)	773	(135)	0	\$18	Adjustments	Present
						20.644		455	803	6.355	13.031	.0,000	48 009	,	0	48.009		220,710		32.572	19,559	4.480	3,681	7.573	3.556	273	11.925	20.594		3,050	1	10.84	0	\$83,769	Expense	Total Present

Case No. WR-2003-XXX Schedule CAS-11-BRU Page 4 of 4

	rron
	orma
	State
For th	and
ie Tes	reder
For the Test Year Ended December 31, 2002	al inc
rEnd	ome i
ed De	axes
čemb	at Pr
ĕ 31	esent
2001	and
~	Proforma State and Federal Income Taxes at Present and Proposed Rates
	Rates

MISSOURI Public Service Commission	Case No. WR-2003-XXX
Company: Missouri-American Water Company	
Company: missoun-American water Company	Schedule CAS-12-BRU
District: Brunswick	Page 4 of 4

Line #

The Company's federal and state income taxes will be affected by all of the pro forma adjustments made at present and proposed rates.

Proforma adjustment	Per Books Amount / Present Rates	Proforma Income Tax at Present / Proposed Rates	Effective Tax Rate (1)	Taxable Income	Total Addbacks (Deducts)	Addback (Deducts): Tax over Book Depreciation Non-deductible Meals Amortization Preferred Stock Expense Non-deductible Reserve Deficiency	Income Before Addbacks (Deducts)	Interest Expense Deduction	Utility Operating Income Before Income Taxes	
(\$44,891)	6,561	(38,330)	33.1754%	(115,539)	8,354	8,283 70 1 0	(123,893)	39,509	(\$84,384)	At Present Rates Federal Stat
(\$8,820)	2,797	(6,023)	5.2133%	(115,539)	8,354	8,283 70 1	(123,893)	39,509	(\$84,384)	t Rates State
\$70,245	(38,330)	31,915	33.1754%	96,201	8,354	8,283 70 1 0	87,847	39,509	\$127,356	At Proposed Rates Federal State
\$11,038	(6,023)	5,015	5.2133%	96,201	8,354	8,283 70 1	87,847	39,509	\$127,356	ed Rates State

⁽¹⁾ Based on a 6.25% statutory rate for SIT and 35% for FIT

## Class/ Class/ Sales Total Sales Total Monthly Billing: Total Revenue Monthly Billing: Total Revenue Monthly Billing: Total Sales Total Miscellaneous Guide Total Miscellaneous Other Revenue Total Miscellaneous Other Revenue Total Miscellaneous Other Revenue Total Miscellaneous Other Revenue Total Total Sales Total Total Sales Total Total Sales Total Total Total Total	Class	Class/ Description Present Pro Forma Rates Proposed Pro Forma Rates Description Sales (000 Gal) Total Revenue Sales (000 Gal) Froposed Pro Forma Rates Monthly Billing: 17,277 S97,163 17,277 Seles (000 Gal) Froposed Pro Forma Rates Residential Commercial Soles (000 Gal) 17,277 S97,163 17,277 S97,273 17,277 17,277 17,277 17,277 17,277 17,277 17,277 17,277 17,277 17,277 17,277 17,277 17,277 17,277 17,277 17,
Class/ Description Sales Sales (000 Gal) Proposed Pro Forma Rates Total Revenue Proposed Pro Forma Rates Sales Total (000 Gal) Proposed Pro Forma Rates Total Revenue Monthly Billing: 17,277 \$91,63 17,277 \$94,582 Commercial Commercial Other Public Authority 5,064 24,126 5,054 24,271 Other Vater Utilities Of Protection Free Public Fire 0 5,071 578 3,144 Miscellaneous Revenues: 0 5,071 0 5,071 Reconnect Charges Application Fee Application Fee App	Class/ Description Present Pro Forma Rates Proposed Pro Forma Rates Class/ Description Sales (000 Gal) Total Revenue Sales (000 Gal) Total Revenue Monthly Billing: 17,277 \$97, 163 5,094 \$1,277 4,141 \$91 5,094 Revenue Commercial Other Public Authority 672 672 3,544 4,571 91 5,094 4,271 4,271 Other Public Authority 15,812 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Class/ Description Sales (000 Gal) Total Residential TOTAL (000 Gal) Proposed Pro Forma Rates Proposed Pro Forma Rates Monthly Billing: Sales (000 Gal) Total Revenue Sales (000 Gal) Features Commercial Industrial Other Public Authority 17,277 672 \$97,163 24,126 31 17,277 41 17,277 91 Other Valaer Utilities Private Fire Public Fire 15,812 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Description Sales Total Sales Total (000 Gal) Revenue (000 Gal) Revenu	Description Sales Total Sales Total Revenue (000 Gal) Revenue (000 Gal	Description Sales Sales Revenue (000 Gal) Revenue (000 Gal) F.
Monthly Billing:	Residential 17,277 \$97,163 17,277 \$94,582 Commercial 5,064 24,126 5,064 24,571 Industrial 91 74,141 91 74,141 91 74,141 91 74,141 91 74,141 91 74,141 91 75,182 75,183 74,193	Monthly Billing: November N
Residential Commercial 5,054 24,128 17,277 Commercial 5,054 24,128 5,054 Industrial 91 741 91 Other Public Authority 672 3,544 672 Other Water Utilities 15,812 64,770 15,812 Other Water Industrial 15,812 64,770 0 15,812 Private Fire 0 5,071 0 0 17,812 Public Fire 0 5,071 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Residential 17.277 \$97,163 17.277 Commercial 5,054 24,126 5,054 Industrial 91 741 91 Other Public Authority 672 3,444 672 Other Water Utilities 15,812 64,770 0 0 Private Fire 0 0 5,071 0 0 Public Fire 0 0 5,071 0 0 Total 38,905 195,415 38,905 Miscellaneous Revenues: Reconnect Charges Returned Check Charge 4,000 Application Fee 6,000 Miscellaneous Other Revenue 7,314 Rents from Water Property 9 \$204,989	Residential 17,277 \$97,163 17,277 Commercial 5,054 24,126 5,054 Industrial 91 741 91 Other Public Authority 672 3,544 672 Other Water Utilities 15,812 64,770 0 0 Private Fire 0 0 5,071 0 0 Public Fire 0 0 5,071 0 0 Total 38,905 195,415 39,905 Miscellaneous Revenues: Reconnect Charges Returned Check Charge Application Fee Revenue Office 7,314 Rents from Water Property 0 Miscellaneous Other Revenue 7,314 Rents from Water Property 0 \$204,989
Commercial Industrial Industrial Industrial Industrial Other Public Authority 5,054 24,126 5,054 Other Public Authority 672 3,544 672 Other Water Utilities 15,812 64,770 15,812 Miscellaneous 0 0 0 Public Fire 0 0 0 Total 38,905 195,415 38,905 Miscellaneous Revenues: Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue Miscellaneous Other Revenue 7,314 Rents from Water Property S204,989 S204,989 S204,989 S204,989 S204,989 S204,989 S204,989 S205	Commercial Industrial 5,054 24,125 5,054 Industrial Other Public Authority 672 3,44 672 Other Water Utilities 15,812 3,44 672 Miscellaneous 0 0 0 Private Fire 0 0 0 Public Fire 0 0 0 Public Fire 0 0 0 Total 38,905 195,415 38,905 Miscellaneous Revenues: Reconnect Charges Returned Charges Returned Charge Application Fee 2,000 Miscellaneous Other Revenue 7,314 Rents from Water Property \$2,04,989 \$2,04,98	Commercial 5,054 24,125 5,054 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Industrial 91 741 91 Other Public Authority 672 3,544 672 Other Water Utilities 15,812 64,770 15,812 Miscellaneous 0 0 0,0 Total 90 0 0 Miscellaneous Revenues: Miscellaneous Revenues: Reconnect Charges Returned Check Charge Application Fee 60 Application Fee 7,314 Rents from Water Property 0 S204,989 S204,989	Industrial Other Public Authority 672 3,544 672 Other Water Utilities 15,812 64,770 15,812 Miscellaneous 0 0 5,071 0 0 Total Fire 0 0 5,071 0 0 Total Reconnect Charges Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue 7,314 Rents from Water Property 9 \$204,989	Industrial 91 741 91 Other Public Authority 672 3,544 672 Other Water Utilities 15,812 64,770 15,812 Miscellaneous 0 0 5,071 0 0 Total Tire 0 0 0 5,071 0 0 Total Revenues: Reconnect Charges Returned Check Charge Application Fee 2,000 Miscellaneous Other Revenue 7,314 Rents from Water Property 9 \$204,989
Other Public Authority 672 3,544 672 Other Water Utilities 15,812 64,770 15,812 Miscellaneous 0 0 0 Private Fire 0 0 0 Public Fire 0 0 0 Total 0 0 0 Miscellaneous Revenues: 200 Reconnect Charges 60 Returned Check Charge 60 Application Fee 2,000 Miscellaneous Other Revenue 7,314 Rents from Water Property 0 3504,770 15,812 16,812 16,912 16,913 16,	Other Public Authority 672 3,544 672 Other Water Utilities 15,812 64,770 15,812 Miscellaneous 0 0 0 Public Fire 0 5,071 0 Public Fire 0 0 0 Total 0 0 0 Miscellaneous Revenues: 200 Returned Charges 60 Application Fee 60 Miscellaneous Other Revenue 7,314 Miscellaneous Other Property 0 S204,989 S204,989	Ofter Water Utilities 15,812 64,770 15,812 Other Water Utilities 15,812 64,770 15,812 Miscellaneous Fire 0 5,071 0 0 Total 38,905 195,415 38,905 Miscellaneous Revenues: Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue 7,314 Rents from Water Property 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Cuter Value Value Value	Salar Sala	Miscellaneous Property 15,812 64,70 15,812 70 70 70 70 70 70 70 7
Miscellaneous Pervate Fire 0 </td <td>Miscellaneous Revenues: Miscellaneous Revenues: Reconnect Charges</td> <td>Miscellaneous Revenues: Miscellaneous Revenues: Reconnect Charges Returned Check Charge Application Fee Miscellaneous Cither Revenue Miscellaneous There Revenue 7,314 Rents from Water Property</td>	Miscellaneous Revenues: Miscellaneous Revenues: Reconnect Charges	Miscellaneous Revenues: Miscellaneous Revenues: Reconnect Charges Returned Check Charge Application Fee Miscellaneous Cither Revenue Miscellaneous There Revenue 7,314 Rents from Water Property
Public Fire	Miscellaneous Revenues:	Dilic Fire
Miscellaneous Revenues: 200 Reconnect Charges 200 Returned Check Charge 200 Application Fee 2,000 Miscellaneous Other Revenue 7,314 Rents from Water Property 0 \$204,989	Miscellaneous Revenues: 200 Reconnect Charges 200 Returned Check Charge 60 Application Fee 2,000 Miscellaneous Other Revenue 7,314 Rents from Water Property 0 \$204,988	Miscellaneous Revenues: Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue Rents from Water Property 38,905 200 200 2,000 3,314 Rents from Water Property 3204,989 \$204,989
Miscellaneous Revenues: Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue Rents from Water Property \$200 \$200 \$200 \$200 \$204,989	Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue Rents from Water Property \$200 \$200 \$2,000 7,314 Rents from Water Property \$204,989	Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue Rents from Water Property \$200 \$200 7,314 \$204,989
Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue Rents from Water Property 3204,989	Reconnect Charges Returned Check Charge Application Fee Miscellaneous Offier Revenue Rents from Water Property \$200 \$200 \$200 \$204,989	Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue Rents from Water Property \$200 \$200 \$200 \$204,989
Reconnect Charges 200 Returned Check Charge 2,000 Application Fee 2,000 Miscellaneous Other Revenue 7,314 Rents from Water Property 0 \$204,989	Reconnect Charges Returned Check Charge Application Fee Application Fee Miscellaneous Other Revenue Rents from Water Property \$204,989	Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue Rents from Water Property \$204,989
Application Fee 2,000 Miscellaneous Other Revenue 7,314 Rents from Water Property 0 \$204,989	Application Fee 2,000 Miscellaneous Other Revenue 7,314 Rents from Water Property 0 \$204,989	Application Fee 2,000 Algorithments of 7,314 Rents from Water Property 0 \$204,989
Miscellaneous Other Revenue 7,314 Rents from Water Property 3204,989	Miscellaneous Other Revenue 7,314 Rents from Water Property 0 \$204,989	Miscellaneous Other Revenue 7,314 Rents from Water Property 0 \$204,989
\$204,989	\$204,989	\$204,989
\$204,989	\$204,989	\$204,989
Φ.Δ.Ψ., 209		AV.4, 303
26 27 28 29 30 31 31 32 33 34	26 27 28 29 30 31 31 31 32 33 33 34 35	26 27 28 29 30 31 31 32 32 33 34 34 35 36 36
28 29 30 31 31 32 33 34	28 29 30 31 31 32 33 34 35	28 29 30 31 31 32 32 33 34 34 35 36 37
30 31 31 32 33 34 35	30 31 31 32 33 34 35	30 31 32 33 34 35 36 37 38
31 32 33 34 35	31 32 33 34 35 36 37	31 32 33 34 35 36 37 38
33 33 33 33 34 35 35 36 36 36 36 36 36 36 36 36 36 36 36 36	33 34 35 36 37	32 33 34 35 36 37 38 39
34 35 36	33 34 35 36 37 38	33 34 35 36 37 38 39
35 4	35 36 37 38	34 35 36 37 37 38 39
36	36 37 38	36 37 38 39
	38	3/ 38 39 40

			12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	ember 31, 2002	2			
Missouri Public Service Commission Company: Missouri-American Water Company	Commission rican Water	Company							Case No. Schedul	Case No. WR-2003-XXX Schedule CAS-14-BRU
		Present Pro Forma Rates	orma Rates			Prop	posed Pro Forma Rates	a Rates		Page 1 or /
1	Customer				Customer					
	Billings	('000 Gal)	Rate	Revenue	Rillings	V000 Gal)	Proposed	Pevenie	Dollar	Percentage
2 Residential:	9	(000 001)		100401100		(ooo Gar)	Nato	Naverida	Cilalige	Change
3 Minimum Charge:										
	4,449		\$7.08	\$31,500	4,449		\$8.50	\$37.817	\$6.317	20.05%
5 3/4" Monthly	0		9.06	0	0		10.90	0	0	0.00%
	4		12.84	50	4		15.40	e (10 0	20.00%
7 1-1/2" Monthly	0		22.33	0	0		26.80	0 ;	o (0.00%
8 2" Monthly	35		33.71	1,180	35		40.50	1.418	238	20.17%
	0		60.24	0	0 !		72 00		001 000	%00 0 0 00 0
Ŭ	0		98.15	0 (0 (118.00	0 0	5 0	0.00%
	0		192.93	0	0		232.00	0 (0 (0.00%
	0		306.65	0	0		368.00	o (o (0.00%
	0		520.92	0	0		625.00	0	0	0.00%
14 12" Monthly	0		859.27	0	0		1,032.00	0	0	0.00%
5 5										
17 Volumetric Charges:	•									
	•	17,236	\$3,7333	64,348		17.236	\$3.2000	55 156	(9 192)	-14 28%
		41	2.0914	85		. j=00 41	3 2000	131	(0, 10E)	54 12%
		0	1.6140	0		o :	3.2000	o :	o d	0.00%
		0	1.0869	0		0	3.2000	0 (0 (0.00%
22 FAL's and Credits		0		0		0		0	0	0.00%
			l					•	0 (0.00%
24 Total		17,277		\$97,163		17,277		\$94.582	(\$2.581)	-2 66%
25			11				il			
26										
27										
29										
30										
31										
32										
33										
34										
35										
36										
37										
သူ <u>မ</u>										
40										

			12 1ear 0	12 Month Test Period Ended December 31, 2002	iod Ended Dec	Rates vs Propo ember 31, 200	Sed Rates			
Missouri Public Service Commission Company: Missouri-American Water Company District: Brunswick	ce Commissio merican Wate	n r Company							Case No Schedu	Case No. WR-2003-XXX Schedule CAS-14-BRU
		Present Pro Forma Rates	orma Rates			Prop	posed Pro Forma Rates	a Rates		raye 2 01 /
Line # Class/	Customer	Silos	Current	T 245	Customer		-		! :	!
ı	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Percentage Change
2 Commercial:									d	d
4 5/8" Monthly	بت 807		\$7.08	\$5 716	807		₩ 0	e 0 0 0	91.17	200
	0		906	0	- G		10.00	0,000	\$1,1 \$	20.07%
	56		12.84	719	56 56		15.40	862	143	19.89%
7 1-1/2" Monthly	0		22.33	0	0		26.80	0 [0 0	0.00%
	25		33.71	843	25		40.50	1.013	170	20.17%
9 3" Monthly	0		60.24	0	0		72.00	0		0 00%
	0		98.15	0	0		118.00	0 (0 (0.00%
	0		192.93	0	0		232.00	0	0	0.00%
13 10" Monthly	o c		306.65 530.03	o c	0		368.00	0	0	0.00%
	0 0		859 27	-	.		625.00	o c	. 0	0.00%
	,		į	ć	ć		1,002.00	c	c	0.00%
17 Volumetric Charges:	ges:									
		4,677	\$3.4466	16,121		4.677	\$3.2000	14.967	(1 154)	-7 16%
		377	1.9308	727		377	2.3000	856 856	139	19 12%
		0	1.4901	0		0	2.3000	0	0 9	0.00%
21 Fourth Block	5	0	1.0034	00		0	2.3000	0	0	0.00%
23 Reconcile to Books	oks ?	c		c		c		c	o c	0.00%
		7 O 2	•	604 400		200				0.00%
25 Coal		3,U3 4	11	\$24,126		5,054	u u	\$24,571	\$445	1.84%
26 27										ALUELER
28										
29										
ა ა ა										
32										
2 23										
35 ±										
36										
37										
38										
40										
										_

Missouri Public Service Company Missouri Public Service Company Missouri Public Service Company Missouri Public Service Company Missouri Public Service Missouri Public Missouri Public Service Missouri Public Missouri Public Service Missouri Public Service Missouri Public Service Missouri Public Missouri Pu						The motion react ender Finen Pereimber 31, 2002	Titood Door	ייים ווועפו יין ביייו				
Description	Compar	ny: Missouri-Ar	e Commissio nerican Wate	n r Company							Case No Schedu	. WR-2003-XXX le CAS-14-BRU
Class Customer Chunge				Present Pro F	orma Rates			Prop	osed Pro Form	na Rates		Page 3 of /
Description	ine#	Class/	Customer	. 100011.10	Of Figure 2			7100	Osed Pio Foili	Rates		
Industrial: Billings (7000 Gal) Rate Revenue Cliange Change Sti7 2 50° Monthly 12 \$1,02	. ā	Description	Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
Maintain Charles Maintain Ch			Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Sign Monthly 12 \$7.06 \$95 12 \$8.50 \$102 \$17 \$347 Monthly 12 \$1.24 15.44 15.4 12 15.40 16.5 31 17.1127 Monthly 12 12.24 15.4 12 15.40 16.5 31 17.1127 Monthly 12 12.24 15.4 12 15.40 16.5 31 17.1127 Monthly 12 12.24 15.4 15.4 15.4 15.5 31 17.1127 Monthly 12.233 10 10 28.00 10 10 10 10 10 10 10		ndustrial: //inimum Charge	-									
# Monthly 12 12.64 15.4 12 15.40 18.5 31 1.1.2 11.2 16.40 18.5 31 1.1.2 16.40 18.5 31 1.2 16.40 18.5 3		/8" Monthly			\$7 08	7 X	3		e o 51	9	9	200
Thornthy 12 1234 154 12 1540 185 31 1541 12 1540 185 31 1541 12 1540 185 31 1541 12 1540 185 31 1541 1541 1540 1640		/4" Monthly	0		90.6	o 6	ı c		10.00	\$ 100	÷ .	20.00%
2" Monthly 0 22.33 0 0 28.80 10 0 27.00 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		" Monthly	12 12		12.84	154	3 c		15.40	1000	<u>،</u> د	20.00%
2º Monthly 0 033.71 0 0 40.50 0 0 3		-1/2" Monthly	0		22.33	o :	i c		08.3C	5	<u>د</u> د	20.13%
A" Monthly 0 60,24 0 72,00 0 72,00 0 0 60,24 0 72,00 0 0 72,00 0 0 67 67 67 67 67 67 67 67 67 67 67 67 67		" Monthly	0		33.71	0 •	0 (40.50	-	.	0.00%
# Monthly 0 98.15 0 0 115.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		" Monthly	0		60.24	.	o (72 00	> 6	0 0	0.00%
8" Monthly 0 192.93 0 0 232.00 0 0 0 100 100 100 100 100 100 100 10		" Monthly	0		98.15	0 (0 (118.00	-	> C	0.00%
10" Monthly 0 306.65 0 0 368.00 0 0 12" Monthly 0 859.27 0 0 1.032.00 0 0 1.032.00 0 0 12" Monthly 0 859.27 0 0 1.032.00 0 0 0 1.032.00 0 0 1.032.00 0 0 1.032.00 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 0 1.032.00 0 0 0 0 0 1.032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		" Monthly	0		192.93	0	0		232 00	> (-	0.00%
10" Monthly 0 520.92 0 0 625.00 0 0 12" Monthly 0 859.27 0 0 0 1.032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		" Monthly	0		306.65	0	o (368.00	-	.	0.00%
12" Monthly 0 859.27 0 0 1,032.00 0 0 Volumetic Charges: First Block 92 \$5.5215 505 92 \$3.2000 293 (212) Second Block 0 3.0931 0 0 2.3000 0 0 2.3000 0 0 Fourth Block 0 2.3870 0 0 2.3000 0 0 0 0 FAL's and Credits (1) 1.6075 0 0 0 0 0 0 0 Reconcile to Books 91 \$741 91 \$578 (\$163) 3 Total 91 \$578 (\$163) 3		0" Monthly	0		520.92	0 (0 (625.00	-	> C	0.00%
Volumetric Charges:		2" Monthly	0		859.27	0	0 (1 032 00	> 0	>	0.00%
Volumetric Charges: Volumetric Charges: 92 \$5.5215 505 92 \$3.2000 293 (212) 4-7 First Block 0 3.0931 0 0 2.3000 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>,</td> <td></td> <td></td> <td>¢</td> <td>ć</td> <td>0.00</td>							,			¢	ć	0.00
First Block 92 \$5.5215 505 92 \$3.200 293 (212) 2.5 Second Block 0 3.0931 0 0 0 2.3000 0 0 0 0 Third Block 0 1.8075 0 0 2.3000 0 0 0 0 FAL's and Credits (1) (3) (3) (1) 2.0000 0 (2) 1 1 3.5 Total 91 \$7/41 91 \$578 (\$163) 3.20000 3.200000 3.20000 3.20000 3.20000 3.200000 3.200000 3.20000 3.200000 3		olumetric Charo	les:									
Second Block 0 3.0931 0 0 0 2.3000 0 0 0 1.000		irst Block		92	\$5.5215	505		9	\$3 2000) 03	(212)	A1 090/
Third Block Fourth Block 0 2,3870 0 0 2,3000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		econd Block		0	3.0931	0		i c	2 3000	0	(2.2)	// 000 0 // 000 1 1-
Fourth Block 0 1.6075 0 0 2.0000 0 0 FALs and Credits (1) (3) (1) (2) 1 2.0000 1 Total 91 \$774 91 \$578 (\$163) 2.2000 2.20		hird Block		0	2.3870	0 (o (2 3000	-	>	0.00%
FAL's and Credits (1) (3) (1) (2) 1 Reconcile to Books 91 \$741 91 \$578 (\$163)		ourth Block		0	1.6075	0		0 (2,000	> 0	> 6	0.00%
Reconcile to Books		AL's and Credits	o,	(1		(3)		3	!	ું હ	۰ د	-33 33%
Total 91 \$578 (\$163)		Reconcile to Boo	ks	,		1 -		3		Ţ	o -	0.00%
		otal		91		\$741		91		\$578	(\$163)	33 000%
26 27 28 29 30 31 31 32 33 34 35 36 36 37 38	25						u			60.0	(#100)	-22.0070
27 28 29 30 31 31 32 33 33 34 34 35 36 37	26											
28 29 30 31 31 32 33 33 34 34 35 36 37	27											
29 30 31 31 32 33 34 35 36 36 37 38	28											
30 31 32 33 34 35 36 36 37 38	29											
31 32 33 34 34 35 36 37 37	30											
32 33 34 35 36 37 38 39	<u> </u>											
33 34 35 36 36 37 38 39	32											
35 36 37 38 39	သ ပ											
36 37 38 39	2 C											
37 38 39 40	s 6											
38 39 40	37 0											
39	ي د											
40	8 &											
+0	3 6											·
	[

			72	12 Month Test Period Ended December 31, 2002	lod Ended Dece	mber 31, 2002	2			
Missouri Public Service Commission Company: Missouri-American Water Company	Commissior Prican Water	1 Company							Case No Schedu	Case No. WR-2003-XXX Schedule CAS-14-BRU
		Present Pro Forma Rates	orma Rates			Prop	posed Pro Forma Rates	a Rates		Page 4 of /
Line # Class/ — Description	Customer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
2 Other Bublic Authority:	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
3 Minimum Charge:	9.									
	<u>ඉ</u>		\$7.08	\$425	5 0		\$ 8.50	\$ 510		%00 0c
	0		9.06	0	0		10.90	0	0	0.00%
	0		12.84	0	0 (15.40	0 (0 (0.00%
	0		22.33	0	0		26.80	o (o (0.00%
8 2" Monthly	12		33.71	405	12		40.50	486	81 (20.00%
	0		60.24	0	o i		72 00	0 6	o :	0.00%
	0		98.15	0 '	0 (118.00	0 (0 0	0.00%
	0		192.93	0	0		232.00	0	0	0.00%
	0		306.65	0	0		368.00	0	0	0.00%
	0		520.92	0	0		625.00	0	0	0.00%
14 12" Monthly	0		859.27	0	0		1,032.00	0	0	0.00%
150										
17 Volumetric Charges:	,,									
	ŀ	674	\$4.0402	2,723		674	\$3.2000	2.156	(567)	-20.82%
19 Second Block		0	2.2633	0		0	2.3000	0	0	0.00%
		0	1.7467	0		0	2.3000	0 (0 (0.00%
_		0	1.1762	0		0	2.3000	0	0 (0.00%
22 FAL's and Credits		(2)		(9)		(2)		(8)	٠ ــــــــــــــــــــــــــــــــــــ	-11.11%
	-	,		,		1		3	0 -	0.00%
		672		\$3,544		672		\$3.144	(\$400)	-11 29%
	ti		11		11		li		(4:40)	
26										
27										
28										
30										
31										
32										
2 33										
35 4										
36										
37										
38										
3 66										
2										

Company Comp					12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	ember 31, 2002				
Description Present Pro Forms Rates Proposed Pro Forms Rates Description Description Description Maler Sales Customer Custo	Compa	rı Public Servic ny: Missouri-An	e Commissio nerican Watei	n r Company							Case No Schedu	. WR-2003-XXX le CAS-14-BRU
Classoppion Median Sales Current Total Culstomer Control Culstomer Control Culstomer Control Culstomer Control Control Charge Coltange Colt				Present Pro F	orma Rates			Prop	osed Pro Form	a Rates		rage o oi /
Other Water Utilities: Indiges (VOIG Gal) Revenue Billings (VOIG Gal) Revenue Billings (VOIG Gal) Raise HODIS Minimum Claraces. 12 \$7.08 \$855 12 \$825 Revenue Change Chan	Line #	Class/	Customer	Calas): IFFOR	Tatal	Customer	2-1-1		4 - 1 -) : :	
Milminum Charact S57 Nonthity 12 \$3.5 12 \$3.5 \$1.2 \$3.5 \$1.2 \$3.5 \$1.2 \$3.5 \$1.0 \$1.7 \$3.7<		•	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Sdr Monthly 12 \$7.08 \$85 12 \$8.50 \$102 \$17 \$17 \$100 <		Other Water Util	ities:				9	(000 000)				Charles
Self-Monthly 12 \$7.08 \$85 12 \$85.0 \$102 \$17 2 \$1.00 \$100 \$100 \$100 \$100 \$100 \$100 \$10		Minimum Charge	J- '-									
1-Monthly 0 9.06 0 0 15.00 0 0 17.00 0 0 17.00 0 0 0 17.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5/8" Monthly			\$7.08	\$85	12		\$8.50	\$102	\$17	20.00%
1-1/2 12.84 154 12 154 154 12 154 15		3/4" Monthly	0		9.06	0	0		10.90	0	0	0.00%
2-Monthly 0 2233 0 0 0 286.00 0 0 2 20000 0 0 4 4 4 5 5 6 6 4 6 5 6 1 4 5 6 2 4 4 5 6 2 4 6 6 2 4 6 5 6 2 4 6 2 4 6 6 4 6 4		l" Monthly	12		12.84	154	12		15.40	185	3,	20.13%
2º Monthly 36 33.71 1.214 36 40.50 1.458 2.44 23 40.00thly 0 98.15 0 0 0 232.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		I-1/2" Monthly	0		22.33	0	0		26.80	0	0	0.00%
2" Monthly 0 60,24 0 0 72,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		?" Monthly	36		33.71	1,214	36		40.50	1,458	244	20.10%
4" Monthly 0 98.15 0 0 118.00 0 0 6" Monthly 0 306.65 0 0 322.00 0 0 10" Monthly 0 520.92 0 0 368.00 0 0 0 12" Monthly 0 520.92 0 0 250.00 0 0 0 12" Monthly 0 520.92 0 0 1,000 368.00 0 0 0 12" Monthly 0 520.92 0 0 1,200 368.00 0 0 0 12" Monthly 0 857.558 8,107 1,200 33.200 0 0 0 18 Inst Block 1,642 3,7845 55,413 14,642 3,2000 3,840 (4,267) 4.57 18 Block 0 2,9207 0 0 2,2000 0 0 0 0 10 Total 1,5812 3,200 46,854 (8,559) -7 10 Total 1,5812 3,200 46,854 (8,559) -7 10 Total 1,5812 3,200 4,257 3,200 4,257 3,200 3,200 3,200 3,2		3" Monthly	0		60.24	0	0		72.00	0	0	0.00%
8° Monthly 0 192.93 0 0 232.00 0 0 0 100 Monthly 0 306.85 0 0 0 250.92 0 0 0 250.00 0 0 0 100 Monthly 0 520.92 0 0 0 625.00 0 0 0 120 Monthly 0 859.27 0 0 0 1235.00 0 0 0 122 Monthly 0 859.27 0 0 0 1235.00 0 0 0 122 Monthly 0 859.27 0 0 0 1,032.00 0 0 0 122 Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 122 Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 0 1,032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		I" Monthly	0		98.15	0	0		118.00	0	0	0.00%
12" Monthly 0 520,52 0 0 0 685,00 0 0 0 12" Monthly 0 889,27 0 0 0 1,032,00 0 0 0 0 12" Monthly 0 889,27 0 0 0 1,032,00 0 0 0 0 12" Monthly 0 889,27 0 0 1,032,00 0 0 0 0 0 12" Monthly 0 889,27 0 0 1,032,00 0 0 0 0 0 0 12" Monthly 0 889,27 0 0 1,032,00 0 0 0 0 0 0 0 0 12" Monthly 0 889,27 0 0 \$3,200 3,840 (4,267) 4.5		o" Monthly	0		192.93	0	0		232.00	0	0	0.00%
Volumetric Charges: Frist Block Second Block Third Block Fourth Block Fourth Block FAL's and Credits FAL's and Credits Total 15.812 Volumetric Charges: 1,200 85.7558 8,107 1,200 \$5.413 1,200 \$3,2000 3,840 (4,267) 4,642 3,7846 55,413 14,642 3,2000 46,854 (8,559) 15.812 \$64,770 15.812 \$64,770 15.812 \$64,770 15.812 \$64,770 15.812 \$64,770 15.812 \$64,770 15.812 \$64,770 15.812 \$64,770 15.812		IO" Monthly	-		#30 o3	> <	o c		368.00	o	o	0.00%
Volumetric Charges: 1,200 \$6.7558 8,107 1,200 \$3.2000 3,840 (4,287) -1,207 Second Block 14,642 3,7846 55,413 14,642 3,2000 3,840 (4,287) -1,207 Total Block 0 2,9207 0 0 2,3000 0 0 0 FAL's and Credits (30) 1,9668 (203) (30) 2,0000 0 0 0 Reconcile to Books 15,812 \$64,770 15,812 \$52,275 (\$12,495) -1,000 Total 15,812 \$64,770 15,812 \$62,275 (\$12,495) -1,000		12" Monthly	0 (859 27	-	- -		1 032 00	o c	o	0.00%
Volumetric Charges: 1,200 \$6,7558 8,107 1,200 \$3,2000 3,840 (4,267) -1,200 Second Block 14,642 3,7846 55,413 14,642 3,2000 46,854 (8,559) -1,200 Tourth Block 0 2,9207 0 0 2,3000 0 0 0 0 FAL's and Credits (30) (30) (203) (203) (30) (164) 39 -1,200 Reconcile to Books 15,812 \$64,770 15,812 \$52,275 (312,485) -1,200 Total 15,812 \$64,770 15,812 \$52,275 (312,485) -1,200		•	,		į	ć	ć		1,002.00	c	c	0.00
First Block Second Block 14,642 3,7646 Third Block Third Block Third Block Fourth Block Fourth Block Fourth Block Fourth Block Total 15,812 15,812 10 10 10 1,200 \$3,200 3,840 4,854 (8,559) -4 14,642 3,2000 46,854 (8,559) -7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		/olumetric Charg	les:									
Second Block 14,642 3.7846 55,413 14,642 3.2000 46,854 (8,559) Third Block Fourth Block 0 1.9668 0 0 2.3000 0 0 0 FAL's and Creditis Reconcile to Books Total 15,812 \$64,770 15,812 \$64,770 15,812 \$62,275 \$62,2455		irst Block	ĺ	1,200	\$6.7558	8,107		1.200	\$3.2000	3.840	(4.267)	-52.63%
Third Block 0 2,9207 0 0 2,3000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Second Block		14,642	3.7846	55,413		14,642	3.2000	46.854	(8.559)	-15.45%
Fourth Block (30) 1.9668 (203) (203) 2.0000 0 0 0 0 FAL's and Credits (30) (203) (30) (164) 39 -7 (15.812) (15.		Third Block		0	2.9207	0		0 i	2.3000	0	0	0.00%
Reconcile to Books (30) (203) (30) (164) 39 (15,812 (\$12,495) (\$12		ourth Block		0	1.9668	0		0	2.0000	0	0	0.00%
Total 15,812 \$64,770 15,812 \$52,275 (\$12,495)		Peroncile to Boo	5	(30)		(203)		(30)		(164)	39	-19.21%
(CR4716) (C177706 T10171		teconcile to Boo	ξ.	15,819		077 N3\$		15 013	1	\$50 07E	0	0.00%
26 27 28 29 30 31 31 32 33 33 34 34 36 37					п	+0.,		10,014	11	#06,610	(\$12,750)	- 13.23/0
27 28 29 30 31 31 32 33 33 34 35 36 37	26											
28 29 30 31 31 32 33 33 34 34 35	27											
30 31 31 32 32 33 34 34 35 36 37	26											,
31 32 33 34 35 36 37 38	္ မ											
32 33 34 35 36 37 38	31											
34 35 36 37 38	32											
35 36 37 38 39	2 33 2 33											
36 37 38 39	္ဌာ ၎											
37 38 39	36											
38 39 40	37											
39	မ္တ											
40	39											
	40											

Company Missouri-Information Water Company	Missouri Public Service Commission	Commissio	, =		12 moint 1931 Glou Linea Decellipe 31, 2002	Tilded Dec	Silber of, Lov			Case No.	Case No. WR-2003-XXX
Class Culstomer Resent Pro Forma Rates Culstomer Culstomer Sales Current Total Meler Sales Current Total Meler Sales Proposed Total Dollar Perox Perox Miscallanous: Miscallanous: 87.08 \$0.00 48.00 \$0.00 </th <th>District: Brunswick</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>ocileda</th> <th>Page 6 of 7</th>	District: Brunswick									ocileda	Page 6 of 7
Class Customer Description Customer Miscellamoous: Current Plantings Total Percentage (Customer Customer Customer) Customer Customer Customer Customer Customer Customer) Customer Cust			Present Pro F	orma Rates			Prop	osed Pro Form	na Rates		
Minimum Characters Minimum Characters Minimum Characters ST.08 St.08 St.09		Customer Meter	Sales	Current	Total	Customer		Dropped	T cto	7	
Millianum Characus: Minimum Characus \$7.08 \$0 \$3.50 \$0 \$0 \$0.50 \$0<		Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Second Block ST.06 St.											
# Monthly 12.24 0 0 10.000 0 1				\$7.08	#	- -		e 0 50	Ŝ	•	
**Monthly		0 (906	o 6	-		10.00	o &	o 6	0.00%
2" Monthly 0 22.33 0 26.85 0 26.87 0 27.20 0 27.20 0 0 27.20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0		12.84	0 (5		15.40	-	> c	0.00%
2º Monthly 0 33.71 0 72 Monthly 0 23.71 0 72 Monthly 0 24.75 0 72 Monthly 0 25.72 0 72 Monthl		0		22.33	0 (၁ (26.80 26.80	-	> 0	0.00%
2" Monthly 0 60,24 0 72.00 0 115.00 0 0 60.24 0 72.00 0 0 67 Monthly 0 182.95 0 0 115.00 0 0 115.00 0 0 0 67 Monthly 0 182.95 0 0 222.00 0 0 122.00 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 0 122.00 0 122		0		33.71	0	0 (40.50	o (o 0	0.00%
At Monthly 0 198.5 0 118.00 0 23.00 0 0 17.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0		60.24	0	0		72 00	o ()	0.00%
8° Monthly 0 192,93 0 0 232,00 0 0 10 10 10 10 10 10 10 10 10 10 10		0		98.15	0	0 (118.00	o (o 0	0.00%
10" Morthly 0 306.65 0 0 285.00 0 0 12" Morthly 0 520.92 0 0 525.00 0 0 0 12" Morthly 0 550.92 0 0 1,082.00 0 0 0 12" Morthly 0 859.27 0 0 1,082.00 0 0 0 1 1,082.00 0 0 0 1 1,082.00 0 0 0 0 1,082.00 0 0 0 0 1,082.00 0 0 0 0 0 1,082.00 0 0 0 0 0 0 1,082.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0		192.93	0	0		232.00	0	0	0.00%
10° Monthly 0 520.92 0 0 12° Monthly 0 520.92 0 0 1,032.00 0 0 0 1 1,032.00 0 0 0 1 1,032.00 0 0 0 0 1 1,032.00 0 0 0 0 0 1 1,032.00 0 0 0 0 0 0 1 1,032.00 0 0 0 0 0 0 1 1,032.00 0 0 0 0 0 1,032.00 0 0 0 0 0 0 1,032.00 0 0 0 0 0 0 1 1,032.00 0 0 0 0 0 0 1,032.00 0 0 0 0 0 0 1,032.00 0 0 0 0 0 0 1,032.00 0 0 0 0 0 0 1,032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0		306.65	0	0		368.00	0	0	0.00%
Volumetric Charges: First Block 0 \$0,0000 0 1,032.00 0 0 First Block 0 \$0,0000 0 0 \$0,0000 0 </td <td></td> <td>0</td> <td></td> <td>520.92</td> <td>0</td> <td>0</td> <td></td> <td>625.00</td> <td>0</td> <td>0</td> <td>0.00%</td>		0		520.92	0	0		625.00	0	0	0.00%
Volumetric Charges: 0 \$0,0000 0 \$0,0000 0 0 Second Block 0 0,0000 0 0 0,0000 0 0 Fourth Block 0 0,0000 0 0 0,0000 0 0 0 FAL's and Credits 0 0 0 0 0 0 0 0 Reconcile to Books 0 0 0 0 0 0 0 0 Total 0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		c		77.609	c	c		1,032.00	0	0	0.00%
Volumetric Charges: Volumetric Charges: 0 \$0.0000 0 0 0.0000 0 0 Second Block 0 0.0000 0 0.0000 0 0.0000 0 0 0 0 Fourth Block 0 0.0000 0 0 0.0000 0	16 G										
First Block 0 \$0,0000 0 0 \$0,0000 0 0 0 Second Block 0 0,0000 0 0 0 0 0 0 Sind Block 0 0,0000 0 0 0 0 0 0 Sind Block 0 0,0000 0 0 0 0 0 0 Sind Block Fourth Block 0 0,0000 0 0 0 0 0 0 Sind Block Sind Credits 0 0 0 0,0000 0 0 0 0 0 Sind Block Sind Green Sind Block 0 0 0,0000 0 0 0 0 Sind Block Sind Green Sind Block 0 0 0,0000 0 0 0 0 Sind Block Sind Green Sind Block Sind Green Sind Sind Sind Sind Sind Sind Sind Sin		es:									
Second Block 0 0.0000 0 0 0.0000 0 0 0 0.0000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0	\$0.0000	0		0	\$0.0000	0	o	0 00%
Third Block Fourth Block Fourth Block FAL's and Credits O O O O O O O O O O O O O O O O O O O			0	0.0000	0		0	0.0000	0 (o (0.00%
Fourth Block 0 0.0000 0 0 0.0000 0 0 0 FAL's and Credits 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0	0.0000	0		0	0.0000	0 (0 (0.00%
FAL's and Credits 0 0 0 0 0 0 Reconcile to Books			0	0.0000	0		0	0.0000	0	0 (0.00%
Total 0 \$0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0		0		0		0	0	0.00%
Total		SS.		ı						0	0.00%
			0		\$0		0		\$0	\$0	0.00%
27 28 28 29 30 31 31 31 32 33 34 35	25			I							
228 29 30 31 31 31 32 33 33 34 34 35	20										
20 20 31 31 32 33 34 35 36 37 38	28 !										
31 31 31 31 31 31 31 31 31 31 31 31 31 3	29										
31 32 33 33 34 34 35 36	30										
33 34 34 35 36 37	<u> </u>										
34 35 36 37	3 2										
35 36 37 38	34										
36 37 38	35										
37 38 39	36										
38	37										
	38										
	39										

souri Public Service Commission Inpany: Missouri-American Water Company Present Enunswick Connections \$1,252.68 4" 0.00 308.52 308.52 6" 1.31 1,003.80 489.48 10.00 2,654.88 12.727.16 12" 0.00 3,785.40 FAL's and Credits Total 4 4 Public Fire Protection: 4 Public Fire Hydrants 58 0.00			12	Month Test Period	12 Month Test Period Ended December 31, 2002			
Connection Size Number Of Example Annual Annual Februse Fragosad Review Proposad Review Pr	Missouri Public Service Commis Company: Missouri-American W District: Brunswick	sion ater Company					Case No Schedu	o. WR-2003-XXX ile CAS-14-BRU
Connection Size of Size			Present	Rates	Proposed	Rates		rageror
Private Fire Service: Note Includes Interest (Change) Include Interest (Change) Change (Cha		Number of	Annual	Total	Annual	Total	Dollar	Percentage
Private Fire Hydrant 3.00 \$1,252.68 \$3,758 1,252.68 \$3,758 \$0 2" 0.00 179.52 0 308.52 0 0 0 4" 0.00 489.48 0 489.48 0 0 0 6" 1.31 1.003.80 1.313 1,003.80 1,313 0 0 10" 0.00 1,727.16 0 2,854.88 0 0 0 12" 0.00 3,765.40 0 3,785.40 0 0 0 FAL's and Creditis 4 \$5,071 \$5,071 \$5,071 0 0 0 Public Fire Protection: 58 0.00 0 263.16 15,283 <td< th=""><th></th><th>Concession</th><th>1 600</th><th>I VON CITAGO</th><th>Nate</th><th>Neverlue</th><th>change</th><th>Change</th></td<>		Concession	1 600	I VON CITAGO	Nate	Neverlue	change	Change
2" 0.00 179.52 0 179.52 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3.00	\$1,252.68	\$3,758	1,252.68	\$3,758	\$0	0.00%
3" 0.00 308.52 0 308.52 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0.00	179.52	0	179.52	0	0	0.00%
4° 0.00 489.48 0 499.48 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0.00	308.52	0	308.52	0	0	0.00%
6" 1.31 1,003.80 1,313 1,003.80 1,313 0 8" 0.00 1,727.16 0 1,727.16 0 0 10" 0.00 2,654.88 0 2,654.88 0 0 0 FAL's and Credits 0 3,785.40 0 0 0 0 0 0 Total 4 55,071 \$5,071 \$5,071 \$5,071 \$5,071 \$5 0		0.00	489.48	0	489.48	0	0	0.00%
8" 0.00 1,727.16 0 1,727.16 0		1.31	1,003.80	1,313	1,003.80	1,313	0	0.00%
10" 0.00 2,854.88 0 0 0 12" 0.00 3,785.40 0 3,785.40 0 0 FAL's and Credits 0 0 0 0 0 0 0 Total 4 \$5,071 \$5,071 \$5,071 \$0 Public Fire Protection: Public Fire Hydrants 58 0.00 0 263.16 15,263 15,263		0.00	1,727.16	0	1,727.16	0	0	0.00%
12" 0.00 3,785.40 0 0 0 0 FAL's and Creditis 0 0 0 0 0 Total 4 \$5,071 \$5,071 \$0		0.00	2,654.88	0	2,654.88	0	0	0.00%
FAL's and Credits 0 0 0 Total 4 \$5,071 \$0 50 Public Fire Protection: Public Fire Hydrants 58 0.00 0 263.16 15,263 15,263 15,263 15,263		0.00	3,785.40	0	3,785.40	0	_ 0	0.00%
Public Fire Protection: 4 \$5,071 \$0 \$0 Public Fire Hydrants 58 0.00 0 263.16 15,263 15,26				0		0	0	0.00%
Public Fire Protection: 58 0.00 0 263.16 15,263 15,263		4	# 1	\$5,071	11 1	\$5,071	\$0	0.00%
		58	0.00	0	263.16 		15,263	0.00%

For the Test Year Ended December 31, 2002	ì	
		Case No. WR-2003-XXX Schedule CAS-2-JFC
		- 880
Supporting Schedule	Amount	
CAS-3-JFC	\$11,829,628	
Operating Income at Present Rates CAS-8-JFC	720,132	
	6.09%	
Grubb Testimony	8.30%	
	981,859	
	261,727	
Gross Revenue Conversion Factor	1.63937	
	429,068	
CAS-8-JFC		
	4,065,029	
Gross Revenue Conversion Factor Revenue Uncollectibles 0.99420% 9.942	4,065,029 \$4,494,097	
000 059	4,065,029 \$4,494,097	
5.21327% 51.674 33.17536% 328.455 390.011 \$609.989	4,065,029 \$4,494,097	
	, and the second	Supporting Schedule CAS-3-JFC CAS-8-JFC 7 Grubb Testimony 9

			Test Year Ended December 31, 2002	1, 2002	
Misso Comp Distric	Missouri Public Service Commission Company: Missouri-American Water Company District: Jefferson City				Case No. WR-2003-XXX Schedule CAS-3-JFC Page 1 of 1
Line #					
· 0 N -	Rate Base Component	Supporting Reference	Per Books <u>12/31/02</u>	Adjustments	Pro Forma Rate Base
4 r) a	Utility Plant in Service	CAS-4-JFC	17,795,859	1,224,861	19,020,720
0 7 0	Accumulated Provision for Depreciation	CAS-5-JFC	(3,697,965)	(277,517)	(3,975,482)
င်္ဂ လ	Accumulated Amortization	W/P's	0	0	0
; ≒ ह	Utility Plant Acquisition Adjustments	W/P's	0	25,515	25,515
1 2 2 4 1	Net Utility Plant		14,097,894	972,859	15,070,753
2	Less: Customer Advances Contributions in Aid of Construction	CAS-6-JFC	31,830 2 260 365	393,840 (27,765)	425,670
3 6 8	Contributions in Aid of Construction Accumulated Deferred ITC (3%)	CAS-6-JFC W/P's	2,260,365 0	(27,765) 0	2,232,600 0
222	Deferred Income Taxes Pension Liability	W/P's	903,813 114,731	60,037 111,327	963,850 226,058
2 4 2 8	Subtotal		3,310,739	537,439	3,848,178
33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Add: Cash Working Capital Materials and Supplies Prepayments OPEB's Contributed to External Fund Premature Retirement Regulatory Deferrals	CAS-7-JFC W/P's W/P's W/P's W/P's	49,000 196,425 12,443 0 0 308,048	41 0 0 0 0 137	49,000 196,425 12,443 0 0 0
2 23 4 4 73 66	Subtotal		565,916	41,137	607,053
38 37	Total Original Cost Rate Base		11,353,071	476,557	11,829,628

		For th	Utility Plant in Service For the Test Year Ended December 31, 200	er 31, 2002		
Missour Compan District:	Missouri Public Service Company: Missouri-Arr District: Jefferson City	erican Water Company			Cas	Case No. WR-2003-XXX Schedule CAS-4-JFC Page 1 of 2
Line #	•		Per Books	Pro Forma	Pro Forma	
 v -	ACCL NO	Account Description	12/31/02	Adjustments	<u>UPIS</u>	
ω ν	301	Organization	\$772	\$12 235	\$13 OO7	
4	302	Franchise & Consents	: o i	0	# C;CC;	
. U1	303	Miscellaneous Intangible Plant Studies	0	9,136	9,136	
7 6		Subtotal Subtotal	772	21,371	22,143	
· ·	310	Land & Land Rights	o	Þ	o	
ဖ	311	Structures & Improvements	3.755	-	3 755	
10	312	Collection & Impound Resevoirs	0	0 (0	
; =	313	Lake, River, & Other Intakes	85,460	0	85,460	
12	314	Wells & Springs	0	0	0	
7 2	316	Supply Mains Subtotal	89 215	0	80 245	
ते उ	3	Pumping Plant				
ìō	320	Fumping Land & Land Rights	944	0	944	
18	322 322	Pumping Structures & Improvements Boiler Plant Equipment	609,548	19,341	628,889	-
3 19	323	Force Mains	0	0 (0 (
2 2	324	Steam Pumping Equipment		13,815	13,815	
22 -	326	Diesel Pumping Equipment	1,115,926	15,196 0	1,131,122	
23	327	Pump Equip Hydraulic	0 (-	ာ (
24	328	Other Pumping Equipment	0 6	00	0 0	
 225 56		Subtotal Treatment Plant	1,726,418	48,352	1,774,770	
27	330	Water Treatment Land & land Rights	50.782	o	EO 763	
28	331	Water Treatment Structures & Improvements	1,923,592	299,320	2.222.912	
29	332	Water Treatment Equipment	2,803,199	0	2,803,199	
بر م	332.4	Water I reatment Equipment - Filter Plant	0	0	0	
32 <u>-</u>		Transmission & Distribution Plant	4,777,333	299,320	5,076,873	
33	340	Transmission & Distribution Land	45,514	0	45.514	
34	341	Transmission & Distribution Structures & Improvements		0	39,239	
35	342	Distribution Reservoirs & Standpipes	m	12,894	967,509	
36	343	Transmission & Distribution Mains Conv	6,102,740		6,102,740	
37	343.1	Transmission & Distribution Mains < 4"	11,535	0	11,535	
 8 &	343.2	Transmission & Distribution Mains 6" - 8"	143,075	300,701	443,776	
40	343.3	ransmission & Distribution Mains > 10" Subtotal	913,686	313 505	913,686	
					o o o o o o o o o o o o o o o o o o o	

Missou Compa District	ri Public Ser ny: Missouri	Missouri Public Service Commission	For the Te	For the Test Year Ended December 31, 2002	r 31, 2002		Case No. WR-2003-XXX
Compa District	ny: Missouri	American Weter Comment					
	District: Jefferson City	District: Jefferson City					Schedule CAS-4-JFC Page 2 of 2
Line #							
,				Per Books	Pro Forma	Pro Forma	
2 -	Acct No	<u>Account Description</u> Transmission & Distribution Plant	Bal Fwd	<u>12/31/02</u> 8.210.404	Adjustments 313 595	8 523 000	
ω	344	Fire mains		0	0	0,000	
4 1	345	Services		236,876	23,946	260,822	
ກ ປາ	346.1	Meters - Bronze Case		0	152,883	152,883	
10	346.2	Meters - Plastic Case		0	0	0	
∞ ~	347	Meter Installation		757,901 083	. 0	757,901	
ဖ	348	Hydrants		936 059	-	036 050	
5	349	Other Transmission & Distribution Plant		0	0 (0	
3 =		Subtotal Conord Blood		10,142,223	490,424	10,632,647	
ವ ಸ	389	General Land & Land Rights		7 181	>	7 404	000 DOLYTTO
4	390	Stores Shops Equipment Structures		0	0 (0	AL 20. VIII 2 F. 1
ร ซ	390.1	Office Structures		224,797	4,099	228,896	- Constitution of the Cons
17	390.3	General Structures - HVAC		0	00	0	1161 - MAN
18	391	Office Furniture and Equipment		31,957	233,985	265.942	
3 6	391.2	Computers & Peripheral Equipment		320,403	19,473	339,876	
2 2	391.25 301.26	Computer Software		0 0	15,119	15,119	
22 !	391.3	Other Office Equipment		o c	3,744	3,744	
23	392.11	Transportation Equipment - Light Trucks		90.781	21 005	342 111 786	
24	392.12	Transportation Equipment - Heavy Trucks		0	0	0	
25	392.2	Transportation Equipment - Cars		20,483	4,200	24,683	
27	392.3	I ransportation Equipment - Other			. 0	. 0	
28 i	394	Tools Shon & Garage Equipment		131 077	200	1,524	
29	395	Laboratory Equipment		43.364	0 0	43 364	
8	396	Power Operated Equipemnt		85,052	0	85.052	
<u> </u>	397	Communication Equipment (non telephone)		61,783	50,824	112,607	
3 6	397.2	Telephone Equipment		0	700	700	
ა <u>ც</u>	398 398	Other Tangable Branch,		40,376	1,744	42,120	
သူ ည	;	Subtotal		1,059,678	365,394	1,425,072	
37		Total Plant in Service		\$17,795,859	\$1.224.861	\$19.020.720	
ა ა							
40							

Test Ye	Accumulated
Test Year Ended December 31	ed Deprecia
ecember 3)	ciation and A
1, 2002	Amortization

Case No. WR-2003-XXX

Missouri Public Service Commission

Company: Missouri-American Water Company District: Jefferson City Acct No 340 341 342 343 343.1 343.2 343.3 330 331 332 332.4 302 302 303 320 321 322 323 324 325 326 326 328 Pumping Structures & Improvements Boiler Plant Equipment Pumping Plant
Pumping Land & Land Rights Supply Mains Distribution Reservoirs & Standpipes Pump Equip Hydraulic Electric Pumping Equipment Steam Pumping Equipment Franchise & Consents Organization Water Treatment Equipment
Water Treatment Equipment - Filter Plant Other Pumping Equipment Diesel Pumping Equipment Wells & Springs Collection & Impound Resevoirs Structures & Improvements Source of Supply Plant Miscellaneous Intangible Plant Studies ntangible Plant Transmission & Distribution Mains < 4"

Transmission & Distribution Mains 6" - 8" Transmission & Distribution Structures & Improvements Water Treatment Structures & Improvements Nater Treatment Land & land Rights Force Mains ake, River, & Other Intakes and & Land Rights Fransmission & Distribution Mains > 10" Fransmission & Distribution Mains Conv Fransmission & Distribution Land ransmission & Distribution Plant reatment Plant Subtotal Subtotal Subtotal Subtotal Account Description Subtota Per Books 12/31/02 0 1,259,756 245,555 997,594 279,568 328,923 31,190 49,354 28,773 2,604 <u>Adjustments</u> Pro Forma 0 49,628 23,381 0 0 74,962 16,175 77,088 16,916 (1,140)1,057 0 69 2,460 0 Pro Forma 1,332,114 1,074,682 (23,054) 11,223 1,340,261 (1,140) 306,956 0 378,551 262,471 16,175 72,735 0 0 31,233 3,661 Schedule CAS-5-JFC Page 1 of 2

	7	J		Line#
Page 2 of 2				DISTRICT: Jefferson City
Schedule CAS-5-JFC				Company: wissouri-American Water Company
Case No. WR-2003-XXX				Missouri Public Service Commission
		r 31, 2002	For the Test Year Ended December 31, 200	
		nortization	Accumulated Depreciation and Amortization	

37	ა ავ ავ	 2 2 3 4	8 88	34	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	4 1	13	12	=	10	ဖ	σ.	7	<u></u>	υı	4	- ω	· N		Line #
	1	398 399	397.2	397	396	395	394	393	392.3	392.2	392.12	392.11	391.3	391.26	391.25	391.2	391	390.3	390	390.1	390	389			349	348	347	346.3	346.2	346.1	345	344	,	Acct No	
Total Plant in Service	Subtotal	Miscellaneous Equipment Other Tangable Property	Telephone Equipment	Communication Equipment (non telephone)	Power Operated Equipemnt	Laboratory Equipment	Tools, Shop, & Garage Equipment	Stores Equipment	Transportation Equipment - Other	Transportation Equipment - Cars	Transportation Equipment - Heavy Trucks	Transportation Equipment - Light Trucks	Other Office Equipment	Personal Computer Software	Computer Software	Computers & Peripheral Equipment	Office Furniture and Equipment	Miscellaneous Structures	General Structures - HVAC	Office Structures	Stores Shops Equipment Structures	General Land & Land Rights	General Plant	Subtotal	Other Transmission & Distribution Plant	Hydrants	Meter Installation	Meters - Not Class By Type	Meters - Plastic Case	Meters - Bronze Case	Services	Fire mains	Transmission & Distribution Plant	Account Description	
																																	Bal Fwd		
\$3,697,965	436,337	5,189 0	0	28,373	99,879	9,498	76,499	434	0	0		39,884	0	0	0	0	89,758	0		86,824	0	0		1,658,367	0	282,673	80	112.424	0	0	3,433	0	1,259,756	Per Books 12/31/02	
\$277,517	21,051	1,566	0	(1,020)	7,602	1,805	5,511	70	0	1,480	0	4.999	0	0	0	9,898	(18,094)	0	0	7.233	0	0		110.495		18.277	29	22.649	O	(12,615)	1,651	0	80,505	Pro Forma Adiustments	
\$3,975,482	457,388	6,755	0	27.353	107.481	11.303	82.010	504	0	1.480		44 883	0	0 (0	9,898	71.664	0	0	94.057	0	0		1.768.862	0	300.950	109	135 073	0	(12.615)	5.084	0	1,340,261	Pro Forma Reserve	

Customer Advances and Contributions in Aid of Construction For the Test Year Ended December 31, 2002 Case No. WR-2003-XXX Schedule CAS-5-JFC Per Books 12/31/0/2 Adjustments Pro Forma 12/31/0/2 Adjustments Balance Pro Forma Balance Page 1 of 1 Page 1 of 2 Page 1 of 31, 330 383,840 425,670 0 10 10 10 10 10 10 10 10 1	26 27 28 29 30 31 31	271.71 271.12 271.27 271.27 271.37 271.47 Various	8 9 10 Contributions in Aid of Construction 11 271.11 Contributions in Aid - NT Mains 12 271.12 Contributions in Aid - NT Extension Deposit 14 271.21 Contributions in Aid - NT Services 15 271.30 Contributions in Aid - NT Meters 16 Contributions in Aid - NT Hydrants	3 Customer Advances 4 252.11 Advances for Construction - Extensions 5 252.71 Advances for Construction - Taxable Extensions 6 Total Customer Advances 7	Line # 1 Acct No Account Description 2	Missouri Public Service Commission Company: Missouri-American Water Company District: Jefferson City	
Pro Forma Balance 425,670 0 425,670 0 0 2,260,365 0 0 0 (27,765) 2,232,600		p 2			Per Books <u>12/31/02</u>	O HIG 1631 FAME FINER DECENIES	ustomer Advances and Contributions in
୍ବର ପ୍ରତ୍ୟୁ ପ		27,765) (27,765)	0000	393,840 0 393,840	Pro Forma <u>Adjustments</u>	GI 31, 2002	Aid of Construction
		2,260,365 0 0 0 0 0 0 0 (27,765) 2,232,600	0000	425,670 0 425,670	Pro Forma <u>Balance</u>	Case No. WR-200 Schedule CAS Page	

For the	Working Capital For the Test Year Ended December 31, 200	ital ecember 31, 20)02			
Missouri Public Service Commission Company: Missouri-American Water Company District: Jefferson City						Case No. WR-2003-XXX Schedule CAS-7-JFC Page 1 of 1
Line#						
, , ,	Proforma	Average	ſ			
	Expense	Expense	Lag Lag	(l ead)/l ac	(lead)/lac	Casn
4 Base Payroll	520,419	1.426	38.41	13.38	25.03	35 688
	247,274	677	38.41	18.68	19.73	13 366
	232,342	637	38.41	31.66	6.75	4.297
	172,202	472	38.41	21.41	17.00	8,020
o Fuicilaseu water	0 0	20	38.41	31.66	6.75	o
10 Group Insurance	297, 127 113 235	310	38.41	35.58 33.30	(7.77)	(5,837) 4,740
	85,972	236	38.41	20.56	17.85	4,718 4204
	118,837	326	38.41	15.21	23.20	7,553
	16,370	45	38.41	20.56	17.85	801
15 Uncollectables	68,530 40 174	110	38.41 38.41	15.21 20.56	23.20 17.85	4,356
	50,858	139	38.41	20.56	17.85	2 487
	97,085	266	38.41	20.56	17.85	4,748
19 Total O&M Expenses	505,242 2,565,667	1,384	38.41		38.41 _	53,168 139,535
20 21 Depreciation Amortization Expense	400 A04	<u>.</u> 333))	2	0	
	220,864	50.5	38.41	182.50	30.4 I	/87 100)
	17,799	49	38.41	30.50	7.91	(87,190) 386
24 Franchise and Environment Tax	(3,376)	(9)	38.41	(78.00)	116.41	(1,077)
26 FUTA Taxes	57 113	1 m C	38.41	18.68	19.73	53
	0, 13 11	0	38.41	74.63	(36.73	3,087 (1)
28 Federal Income Tax - Current	44,359	122	38.41	60.25	(21.84)	(2,654)
	6,971	19	38.41	62.17	(23.76)	(454)
31 Interest Expense	138,566	1 380	38.41	0.00	38.41	14,582
	5.915	16	38.41	45.63	(7 22)	(39,994)
33 Total Working Capital Requirement 34	3,879,469	i	!	į	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	49,239
Total Cash and Working Capital Requirement Used					1	49,000
۵ د د د د د د د د د د د د د د د د د د د						
39						
40						

Reference Refe	Missouri Public Service Commission Company: Missouri-American Water Company District: Jefferson City	For the Test Year Ended December 31, 2002	nded December 31,	2002			Case No. WR-2003-XXX Schedule CAS-8-JFC Page 1 of 1
Test year Pro Forma Pro							
CAS-9-JFC CAS-10-JFC C		Schedule Reference	Test year Ended 12/31/02	Adjustments	Pro Forma Present Rates	Adjustments	Pro Forma Proposed Rates
Pannice CAS-10-JFC 2.198.843 253.369 2.452.212 4.266 2.4 CAS-10-JFC 377.344 32.060 409.404 409.404 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operating Revenues	CAS-9-JFC	\$3,965,799	\$99,230	\$4,065,029	\$429,068	\$4,494,097
CAS-10-JFC	Operating Expenses Operating and Maintenance	CAS-10-JFC	2 198 843	253 360	2 452 212	A >>	2 456 478
CAS-10-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC S3,886 S3,886 S3,886 S30,151) S3,886 S3,886 S49,824) S769,956 S769,956 S49,824) S720,132 S261,727 S9	Depreciation Expense	CAS-10-JFC	377,344	32,060	409,404	1,200	409,404
Taxes CAS-10-JFC 174,230 46,634 220,864 2 20,864 CAS-10-JFC 57,968 130 58,098 CAS-10-JFC 19,271 0 19,2	Alloluzatori Experise	CAS-10-JFC	O	0	0		0
CAS-10-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC CAS-12-JFC S33,645 CAS-12-JFC CAS-12-JFC S33,645 CAS-12-JFC S33,645 CAS-12-JFC S33,645 S769,956	Taxes other Than Income Taxes						
Eefore Income Taxes CAS-10-JFC CAS-10-JFC CAS-10-JFC CAS-10-JFC CAS-10-JFC (3,555) (1,293) (4,848) (1,293) (4,848) (4,	Property Taxes	CAS-10-JFC	174,230	46,634	220,864		220,864
EAS-10-JFC (3,555) (1,293) (4,848) Before Income Taxes 1,141,698 (231,671) 910,027 424,802 1,3 CAS-12-JFC (110,060) 154,419 44,359 140,929 1 CAS-12-JFC (46,915) 53,886 6,971 22,146 533,645 (390,151) 143,494 0 1 ment Tax Credit \$769,956 (\$49,824) \$720,132 \$261,727 \$9	PSC Fees	CAS-10-JFC	57,968 19,271	130 0	58,098 19,371	o	58,098 46,274
Before Income Taxes 1,141,698 (231,671) 910,027 424,802 1,3 CAS-12-JFC CAS-12-JFC (110,060) 154,419 44,359 140,929 1 CAS-12-JFC CAS-12-JFC 533,645 (390,151) 143,494 0 1 sement Tax Credit 4,928) (4,928) (4,928) (4,928) 4,928) 1 \$769,956 (\$49,824) \$720,132 \$261,727 \$9	Other	CAS-10-JFC	(3,555)	(1,293)	(4,848)	c	(4,848)
CAS-12-JFC (110,060) 154,419 44,359 140,929 1 (AS-12-JFC (46,915) 53,886 6,971 22,146 533,645 (390,151) 143,494 0 1 ment Tax Credit (4,928) (4,928) (4,928) (4,928) \$769,956 (\$49,824) \$720,132 \$261,727 \$9	Utility Operating Income Before Income	Taxes	1,141,698	(231,671)	910,027	424,802	1,334,829
CAS-12-JFC (110,000) 134,419 44,359 140,929 1 (46,915) 53,886 6,971 22,146	Income Taxes	3 10	(440				
\$769,956 (\$49,824) \$720,132 \$261,727	State Income Tax Deferred Income Taxes Amortization of Investment Tax Credit	CAS-12-JFC	(46,915) (46,915) 533,645 (4,928)	53,886 (390,151)	14,339 6,971 143,494 (4,928)	22,146 0	143,494 (4,928)
	Utility Operating Income		\$769,956	(\$49,824)	\$720,132	\$261,727	\$981,859

		For the Test Year Ended December 31, 2002	For the Test Year Ended December 31, 2002	December 31.	2002			
Missouri Public Service Commission Company: Missouri-American Water Company District: Jefferson City	on er Company							Case No. WR-2003-XXX Schedule CAS-9-JFC Page 1 of 1
Line#								
_		Test year	Eliminate	Bill Analysis	Bii	Normalizaton		Pro Forma
ω ₍ 2		Ending 12/31/02	Unbilled	And Other	Analysis	& Annual	Other	Present Rate
4		110	- NO VOI LOC	, wjaonii on w	at Nates	Adjustilia	Adjustilietits	Veverine
5 Sales of Water6 Metered Sales								
7 Residential		\$2,076,687	\$3.544	(\$4.660)	\$2 075 571			\$2 120 715
		1,535,305	15	(1,360)	1,533,960	51,164		1.585.124
		181,523	2,129	(40)	183,612			183,612
11 Sales for Resale		38,979 (1,035)	2,692 1 035	(1,400)	40,271			40,271
		0	0	0 0	00			00
14 Total Metered Sales15		3,831,458	9,416	(7,460)	3,833,413	96,308	0	3,929,721
17 Sewer Service		0	0	0	0			0
10 19 Fire Service 20 Private Fire Service		110 191		# 200 200	110 720		201	
							•	
22 Total Fire Service		110,191	0	529	110,720	0	437	111,157
24 Total Sales of Water		3,941,649	9,416	(6,931)	3,944,134	96,308	437	4,040,879
26 Other Operating Revenues								
		4,582			4,582			13,220 4.582
					0			0
31 Rents from Water Property	ē	6,205 0			6,205			6,205
	ales	144			144			.1 44 0
_	les	24,150	0	0	24,150	0	0	24,150
36 Total Operating Revenues 37		\$3,965,799	\$9,416	(\$6,931)	\$3,968,284	\$96,308	\$437	\$4,065,029

Summary of Operations and maintenance Expenses and General Laxes
For the Test Year Ended December 31, 2002
Company: Missouri-American Water Company Schedule CAS-10-JFC
Page 1 of 1
Line #

28 30 31 32 33 34 35 36 37	2766542322120913116543321109	3ω4πογω
Property Taxes Payroll Taxes PSC Fees Other General Taxes Total Taxes Other Than Income Taxes	Fuel and Power Chemicals Waste Disposal Management Fees Group Insurance Pensions Regulatory Expense Insurance, Other than Group Customer Accounting Rents General Office Expense Miscellaneous Maintenance - Other Total Operations and Maintenance Depreciation Amortization Total Depreciation and Amortization	Each pro forma adjustment is keyed to a schedule as shown on Schedule CAS-11-JFC which provides additional detail and support. Schedule Expense Description Reference Expense CAS-11-JFC Purchased Water CAS-11-JFC CAS-11-
CAS-11-JFC CAS-11-JFC CAS-11-JFC CAS-11-JFC	CAS-11-JFC	schedule as shown on Schedule Schedule Reference CAS-11-JFC CAS-11-JFC
174,230 57,968 19,271 (3,555) 247,914	233,712 160,351 0 180,653 199,207 35,320 12,938 79,201 59,745 39,926 83,693 230,594 143,117 2,198,843 377,344 0 377,344	ule CAS-11-JFC which provic Test Year Expense 740,386
46,634 130 0 (1,293) 45,471	(1,370) 11,851 0 116,474 (24,223) 83,517 (6,387) (10,671) 1,862 10,932 167 24,291 19,619 253,369 32,060 32,060	wides additional detail and support. Pro forma Adjustment Present Rai 27,308 767,68
220,864 58,098 19,271 (4,848) 293,385	232,342 172,202 0 297,127 174,984 118,837 6,551 68,530 61,607 50,858 83,860 254,885 162,736 2,452,212 409,404 0 409,404	Pres

Missouri Public Service Commission Company: Missouri-American Water Company Division: Jefferson City

6	39	8	37	36	წ	34	ၓ	8	뜨	8	29	28	27	26	25	24	23	23	2	20	19	1 8	17	<u>6</u>	5	14	<u>ა</u>	12	1	6	9	_ 	7	<u>ი</u>	υn .	N ω 4
								29d	29c	29b	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	1	ð	9	8	Number	168
				Andrew Control of the		Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes		Total Depreciation and Amortization		Amortization	Depreciation		Total Operations and Maintenance		Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water		Description	
						247,914		(3,555)	19,271	57,968	174,230		377,344		•	377,344		2,198,843		143 117	230,594	83,693	39,926	59,745	79,201	12,938	35,320	199,207	180,653	-	160,351	233,712	•	740,386	31-Dec-02	Test Year
						0							0					27,308																\$27,308	Expense	Schedule CAS-15 p1
						0							0					(24,223)										(24,223)							Expense	Schedule CAS-15 p2
						0							0					83,517									83,517								Expense	Schedule CAS-15 p3
						0							0					(1,119)			(1,119)														Expense	Schedule CAS-15 p4
						130				130			0					0																	Expense	Schedule CAS-15 p5
						0							0					(1,370)														(1,370)			Expense	Schedule CAS-15 p6
						0							0					11,851													11,851				Expense	Schedule CAS-15 p7
						0							0					0															0		Expense	Schedule CAS-15 p8

Case No. WR-2003-XXX Schedule CAS-11-JFC Page 1 of 2

Case No. WR-2003-XXX Schedule CAS-11-JFC Page 2 of 4

Missouri Public Service Commission
Company: Missouri-American Water Company
Division: Jefferson City

					29d	290	296	29a		28	27				25	21	20	19	18	17	16	15	14	13	12	11	10	9	œ	Number	168
			Total Taxes other than income	The state of the s	Other General Taxes	L	L		Total Depreciation and Amortization	Amortization	Depreciation		Total Operations and Maintenance	THE PROPERTY OF THE PROPERTY O	Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water		er Description	
			0						0				0												0					Expense	Schedule CAS-15 p9
			0						0				(6,387)								(6,387)									Expense	Schedule CAS-15 p10
			0						0				(10,671)							(10,671)										Expense	Schedule CAS-15 p11
			0						0				116,474											116,474						Expense	Schedule CAS-15 p12
			0						0				10,932				ļ	10,932												Expense	Schedule CAS-15 p13
		-	0						0				(3.256)				(3.256)													Expense	Schedule CAS-15 p13
			0						0				(12.809)		(1-1,000)	(12,809)														Expense	Schedule CAS-15 p13
			0						0				0	c	0															Expense	Schedule CAS-15 p14
			0						0			9,120	3.423				3 423													Expense	Schedule CAS-15 p15

Missouri Public Service Commission Company: Missouri-American Water Company Division: Jefferson City

			1	29d	29c	29Ь	29a			28	27			25	21	20	19	18	17	16	15	14	3	12	⇉	10	9	<u>∞</u>	168 Line Number
		Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes	i cai pepieciandi alio Alioinzandi	Total Depresiation and Americation	Amortization	Depreciation	Total Operations and Maintenance		Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	Labor	Description
		0							,			0			0														CAS-15 p16 Transpo. Expense
		46,634					46.634					0																	CAS-15 p17 Property Taxes Expense
		(1,472)	(1,7/2)	(1 479)				c	>			0																	CAS-15 p18 PSC Assess Expense
		0						c	,			19,619	10,010	19 619															CAS-15 p19 Tank Painting Expense
		0						c		0		0																	CAS-15 p20 Amortization Expense
		0						c				1.862					, , ,	1.862											CAS-15 p21 Uncollectable Expense
		0						c				0						0										•	CAS-15 p21 Uncollectable Expense
		0						32,060			32,060	0																	CAS-15 p22 Depreciation Expense
		0						0				12.350		\$ 12,000	\$12 350														CAS-15 p23 One Call Expense

Case No. WR-2003-XXX Schedule CAS-11-JFC Page 3 of 4

Case No. WR-2003-XXX Schedule CAS-11-JFC Page 4 of 4

6 ≨	<u>ფ</u>	1 83 T	37	1 6: T	8 8	¥	: 63 T	3 £	3 <u>-</u>	3 E	3 6 T	3 8 T	27	26	25 	24	ζ. Τ	3 X T	2	2 22 T	<i>1</i> 6	_ ₩	; 1	i 6	<u></u>	4	<u>ت</u>	13	; <u></u>	: 6	, ₍₀	· α	7	6	o T	4	N
								290	282	202	70c 20c	3			28	27				25	21	20	19	188	17	6	5	14	13	12	=	10	9	8	Number	Line	3
						Total Taxes other than income		Other General Laxes	GIUSS Receipts Taxes	Cross Bossint Town	Property laxes		Total Depreciation and Amortization		Amortization	Depreciation		Total Operations and Maintenance	THE PARTY OF THE P	Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	ı	Description		
						0							0					33,164			\$33,164														Expense	AAO Security	Schedule
						0							0					(7,295)			(\$7,295)														Expense	CAS-15 p25 Relocation	Schedule
						179		\$179					0					0																	Expense	CAS-15 p26 Franchise tax	Schedule
						0							0					0																	Expense		Schedule
						0							0					0																	Expense		Schedule
																																			Expense		Schedule
						0							0					0																	Expense		Schedule
						45,471		(1,293)	0	130	46,634		32,060		0	32,060		253,369		19,619	24,291	167	10,932	1,862	(10,671)	(6,387)	83,517	(24,223	116,474	0	11,851	(1,370)	0	\$27,308	Adjustments	Present	
						293,385) (4,848)	19,271		.,	П	409,404		1	409,404		2,452,212	T	T	254,885		50,858					- 1	297,12) 232,342	ᅥ	\$767,694	Expense	Total Present	

Missouri Public Service Commission
Company: Missouri-American Water Company
District: Jefferson City Case No. WR-2003-XXX Schedule CAS-12-JFC Page 1 of 1

Line #

The Company's federal and state income taxes will be affected by all of the pro forma adjustments made at present and proposed rates.

Per Books Amount / Present Rates		Proforma Income Tax at Present / Proposed Rates	Effective Tax Rate (1)	Taxable Income	Total Addbacks (Deducts)	Addback (Deducts): Tax over Book Depreciation Non-deductible Meals Amortization Preferred Stock Expense Non-deductible Reserve Deficiency	Taxable Income	Interest Expense Deduction	Utility Operating Income Before Income Taxes	
	(110,060)	3 44,359	33.1754%	133,709	(361,098)	(362,805) 1,677 30 0	494,807	415,220	\$910,027	At Present Rates Federal Stat
	(46,915)	6,971	5.2133%	133,709	(361,098)	(362,805) 1,677 30 0	494,807	415,220	\$910,027	nt Rates State
	44,359	185,288	33.1754%	558,511	(361,098)	(362,805) 1,677 30 0	919,609	415,220	\$1,334,829	At Proposed Rates Federal State
	6,971	29,117	5.2133%	558,511	(361,098)	(362,805) 1,677 30 0	919,609	415,220	\$1,334,829 \$1,334,829	sed Rates State

(1) Based on a 6.25% statutory rate for SIT and 35% for FIT

Missouri Public Service Commiss		12 Month Test Period Ended December 31, 2002	ded December 31, 2002	les		
Missouri Public Service Commission Company: Missouri-American Water Company District: Jefferson City	ion ter Company			:	Case No Schedi	Case No. WR-2003-XXX Schedule CAS-13-JFC Page 1 of 1
line# Class/	Present Pro	Present Pro Forma Rates	Proposed Pro Forma Rates	orma Rates		- agv - v:
ō	Sales	Total	Sales	Total	Dollar	Percentage
2 Monthly Billing:	(occ Gai)	Neveride	(DUO Gal)	Revenue	Change	Change
	535,712	\$2,120,708	535,712	\$2.239.489	\$118.781	5 60%
5 Commercial 6 Industrial	549,045	1,585,113	549,045	1,644,132	59,019	3.72%
	13,079	40,271	99,660 13,079	198,780 43.575	15,168 3.304	8.26% 8.20%
	0	0	0	0	0	0.00%
9 Wiscellaneous 10 Private Fire	- 0	111 156	0 0	0	0 0	0.00%
	0 0	0	0 0	111,156 232.727	0 232.727	0.00%
13 lotal	1,197,496	4,040,860	1,197,496	4,469,859	\$428,999	10.62%
15 Miscellaneous Revenues:						
17 Reconnect Charges		1000		· · · · · · · · · · · · · · · · · · ·	1	1
		4,582		4,582	00	0.00%
20 Miscellaneous Other Revenue	(D)	6.205		ก งาก 0	o 0	0.00%
	الما	144		0,200	. 0 0	0.00%
				144		0.00%
25		\$ 1 ,000,010		\$4,494,009	428,999	10.55%
26 27						
28 29						
30						
32						
33						
36						
37						
39						*
40						

			12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	mber 31, 2002				
Missouri Public Service Commission Company: Missouri-American Water Company	e Commissio nerican Wate	n r Company							Case No. Schedu	Case No. WR-2003-XXX Schedule CAS-14-JFC
		Present Pro Forma Rates	orma Rates			Prop	Proposed Pro Forma Rates	a Rates		Page 1 of 8
Line # Class/	Customer	•			Customer					
Description	Meter Billings	Sales	Current	Total	Meter	Sales	Proposed	Total	Dollar	Percentage
2 Residential:	i i	1 2 2 2 1				(000 Cal)	l Kaito	Novellae	Citalige	Cilalige
3 Minimum Charge:	!• •									
	104,861		\$7.76	\$813,721	104,861		\$8.50	\$891,319	\$77.598	9.54%
5 3/4" Monthly	12		8.49	103	12		10.90	132	29	28.16%
	1,112		9.96	11,074	1,112		15.40	17.122	6.048	54.61%
7 1-1/2" Monthly	31		13.63	428	<u>3</u>		26.80	842	414	96.73%
8 2" Monthly	64		18.02	1,148	64		40.50	2.580	1.432	124.74%
9 3" Monthly	0		28.30	0	0		72.00	0	0	0.00%
	0		42.97	0	0		118.00	0	0 (0.00%
			79.63	0	0		232.00	0	0	0.00%
13 10" Monthly			0.00	o c	o c		368.00	o C		0.00%
	.		0.00	o c	o c		625.00	o C	. 0	0.00%
	c		Ċ	c	c		0.00	c	c	0.00%
17 Volumetric Charges:	es:									
		78,536	\$0.0000	0		78.536	\$2,4780	194 612	194 612	0 00%
19 Second Block		456,578	2.8324	1.293.210		456.578	2.4780	1 131 399	(161.811)	-12 51%
20 Third Block		598	1.7118	1,024		598	2.4780	1,483	459	44 82%
21 Fourth Block		0	0.0000	0		0	2.4780	0	0 .00	0.00%
22 FAL's and Credits	.	0		0		0	!	o (> (0.00%
	Ŝ							(0 (0.00%
24 Total		535,712	ſ	\$2,120,708		535.712	1	\$2 239 489	\$118 781	5 60%
25			11				11	1 - 0 - 0	4	0.00%
26										
27										
28										
30										
31 8										
32										
33										
34										
3										
36										
37										
38										
30										
39										

## Case No. WR-200 Schedule CAS- Proposed Total Dollar Perce Rate Revenue Change Chan					12	12 Month Test Period Ended December 31, 2002	iod Ended Dece	mber 31, 2002				
Description Meler Sales Current Total Customer Custo	Missou Compa	ıri Public Servic ıny: Missouri-Aı ır. Infforcas Cir.	e Commission merican Water	1 · Company							Case No Schedu). WR-2003-XXX ule CAS-14-JFC
Classory Customers Commercial Customers Customers <t< th=""><th></th><th></th><th></th><th>Present Pro Fo</th><th>orma Rates</th><th></th><th></th><th>Propo</th><th>osed Pro Form</th><th>a Rates</th><th></th><th>rage z or d</th></t<>				Present Pro Fo	orma Rates			Propo	osed Pro Form	a Rates		rage z or d
Description Parity Color Sale Color	Line#	Class/	Customer	2		1	Customer					
Milliam Claims Sept Menthly 12,225 \$776 \$96,173 12,285 \$8,50 \$104,248 \$9,075 34" Monthly 1,225 849 41,085 4,125 10,90 0.02 0.075 1" Monthly 1,229 13,03 40,888 4,125 22,440 10,90 0.00 0.00 1-1/2" Monthly 1,239 15,02 44,088 2,477 40,50 103,312 58,817 2" Monthly 2,477 16,02 44,088 2,477 40,50 103,312 58,817 2" Monthly 9 42,97 42,97 41,888 27 71,00 10,200 33,205 16,317 2" Monthly 9 79,63 40,882 225 72,00 16,200 33,205 16,317 2" Monthly 0 0,00 0 0 322,00 0 9,822 1" Monthly 0 0,00 0 0 32,500 10 9,822 1" Monthly 0	_		Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Soft Monthly 12,265 \$7,76 \$85,173 12,265 \$9,50 \$104,248 \$9,075 1*Monthly 4,125 9,96 41,085 4,125 154,0 63,525 22,440 1*Monthly 1,235 13,63 16,386 1,229 26,00 33,205 16,317 2*Monthly 2,477 16,02 44,686 2,477 40,50 10,300 55,683 4 Monthly 2,77 42,97 4,168 2,77 40,50 10,300 55,683 4 Monthly 0 0,00 0 0 232,00 10,0319 55,683 4 Monthly 0 0,00 0 0 385,00 10,0319 55,683 4 Monthly 0 0,00 0 0 385,00 10,0319 55,683 4 Monthly 0 0,00 0 0 0 385,00 0 0 10 Monthly 0 0 0 0 0 0 0 0		Commercial:										
Sof Monthly (12,265 S776 S85,173 12,265 S85,0 \$104,248 S9,075 S4 Monthly (12,29 S4,125 S4,125 S4,126 S4,126 S4,126 S4,125		Minimum Charge	אַן									
3/4" Monthly 0 3.49 0 0 0 1" Monthly 4.125 9.66 4.105 4.125 15.40 63.525 22.440 1-1/2" Monthly 2.477 18.23 4.1886 2.2477 40.53 33.255 16.387 2" Monthly 2.477 18.02 4.4686 2.477 40.50 100.319 55.683 4" Monthly 2.77 2.83 6.388 2.25 72.00 40.50 100.319 55.683 4" Monthly 2.77 2.83 4.688 2.25 72.00 12.00 9.832 4" Monthly 0 79.33 4.168 2.27 118.00 11.446 7.278 5" Monthly 0 0.00 0 0 0 388.00 0 0 10" Monthly 0 0.00 0 0 0 0 0 0 0 12" Monthly 0 0 0 0 0 0 0 0		5/8" Monthly			\$7.76	\$95,173	12,265		\$8.50	\$104,248	\$9,075	9.54%
Thornthy		3/4" Monthly	0		8.49	0	0		10.90	0	0	0.00%
2 Monthly 2.417 2 Monthly 2.477 3 Monthly 2.477 3 Monthly 2.477 3 Monthly 2.477 4 Monthly 2.55 4 Monthly 2.57 4 Monthly 97 4 Monthly 97 4 Monthly 0 0,000 6 Monthly 0 0,000 10 Monthly 0 0,000 12 Monthly 0 0,000 13 Monthly 0 0,000 14 Monthly 0 0,000 15 Monthly 0 0,000 16 Monthly 0 0,000 17 Monthly 0 0,000 18 Monthly 0 0,000 19 Monthly 0 0,000 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1" Monthly	4,125		9.96	41,085	4,125		15.40	63,525	22,440	54.62%
2º Monthly 2,477 18.02 44,636 247 40,50 10,0319 55,683 3		1-1/2" Monthly	1,239		13.63	16,888	1,239		26.80	33,205	16,317	96.62%
4 Monthly 97 225 28.30 6.388 225 72.00 16.200 9.832 4 Monthly 97 42.97 4.638 97 18.00 11.46 72.78 87 Monthly 90 79.63 4.638 97 232.00 11.46 72.78 87 Monthly 0 0.00 0 0 0 0 232.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2" Monthly	2,477		18.02	44,636	2,477		40.50	100,319	55,683	124.75%
Critically 0 79 42.97 4.106 97 118.00 11.446 7.278 6. Monthly 0 70.00 0 0 0 388.00 0 0 0 825.00 0 0 12.000		4" Monthly	225		28.30	6,368	225		72.00	16,200	9,832	154.40%
8' Monthly 0 0 0.00 0 0 0 288.00 0 0 0 10' Monthly 0 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5" Monthly	- ²		70.63	‡, I 00	o «		33.00	11,446	7,2/8	1/4.62%
10° Monthly 0 0.00 0 0 625.00 0 0 12° Monthly 0 0.00 <		B" Monthly	0 (0.00)	-		368 00	> C	>	0.00%
12" Monthly 0 0.00 0 0 0 0 0 0 0		10" Monthly	0		0.00	0 (0 (625.00	5 (-	0.00%
Volumetric Charges: 15,030 \$0,0000 0 15,030 \$2,4780 37,244 37,244 Second Block 406,852 2,8324 1,152,369 406,852 2,4780 1,008,180 (144,189) Third Block 121,285 1,7118 207,615 121,285 2,1000 254,688 47,083 Fourth Block 4,088) 0,0000 0 0 0 0 0 0 FAL's and Credits (4,088) (4,088) (7,337) (4,088) 2,1000 0 0 Reconcile to Books 539,079 \$1,560,965 \$31,560,965 539,079 \$1,621,444 \$60,479		12" Monthly	0		0.00	0	0		0.00	0 (0 (0.00%
Volumetric Charges: 15,030 \$0,0000 0 15,030 \$2,4780 37,244 37,244 Second Block 406,852 2.8324 1,152,369 406,852 2.4780 1,008,180 (144,189) Third Block 121,285 1,7118 207,615 121,285 2,1000 254,698 47,083 Fourth Block 0 0.0000 0	5 J											
First Block 15,030 \$0,0000 0 15,030 \$2,4780 37,244 37,244 Second Block 406,852 2,8324 1,152,399 406,852 2,4780 1,008,180 (144,189) Third Block 0 0,0000 0 0 2,4,698 47,083 Fourth Block 0 0,0000 0 0 0 2,4,698 47,083 Fourth Block 0 0,0000 0 0 0 0 0,000 0 0 0 0 0 0 0 0		Volumetric Char	jes:									
Second Block 406,852 2.8324 1,152,369 406,852 2.4780 1,008,180 (144,189) Third Block 121,285 1.7118 207,615 121,285 2.1000 254,698 47,083 Fourth Block 0 0 0 0 0 2.1000 254,698 47,083 FAL's and Credits (4,088) (4,088) (7,337) (4,088) 2.1000 0 (7,621) (294) Reconcile to Books 539,079 \$1,560,965 \$39,079 \$1,621,444 \$60,479 0		First Block		15,030	\$0.0000	0		15,030	\$2.4780	37.244	37.244	0.00%
Third Block		Second Block		406,852	2.8324	1,152,369		406,852	2.4780	1,008,180	(144,189)	-12.51%
Fourth Block (4,086) (7,337) (4,088) 2.1000 0 0 0 0 FAL's and Credits (4,086) (7,337) (4,088) (7,621) (284) (7,621) (284) (7,621) (284) (7,621) (284) (7,621) (284) (7,621) (284) (7,621) (284) (7,621) (284) (7,621) (284) (7,621) (284) (7,621) (7,6		Third Block		121,285	1.7118	207,615		121,285	2.1000	254,698	47,083	22.68%
FAL's and Credits (4,088) (7,337) (4,088) (7,621) (284) Reconcile to Books 539,079 \$1,560,965 539,079 51,621,444 \$60,479 50,479		Fourth Block		0	0.0000	0		0	2.1000		0	0.00%
Total \$1,560,965 \$1,560,965 \$1,621,444 \$60,479		-AL's and Credit	· Vo	(4,088)		(7,337)		(4,088)		(7,621)	(284)	3.87%
1021 \$1,560,965 \$1,621,444 \$60,479 \$1,621,444		Reconcile to Boo	KS		ı				ı		0	0.00%
		lotal		539,079	Ī	\$1,560,965		539,079		\$1,621,444	\$60,479	3.87%
26 27 28 29 30 31 31 32 33 33 34 35 36 37			n		11		ı		II		400	0.00
28 29 30 31 31 32 33 34 34 36 37	26 27											
29 30 31 32 33 34 35 36 37	28											
31 32 33 34 35 36 37 38	3 29											
32 33 34 35 36 37 38	ع يد											
33 34 35 36 37 38 39	32											
34 35 36 37 38 38 40	ည္သ											
36 37 38 38 40	2 β											
37 38 39 40	ය ය											
38 39 40	37											
40	<u>ა</u>											
	40											

Class Class Class Claster Foresent Pro Forma Rates Customer Cus	Missour Compar District:	Missouri Public Service Commission Company: Missouri-American Water Company District: Jefferson City	e Commissior nerican Water	Company							Case No. WR-2003-XXX Schedule CAS-14-JFC
Clast Clastomer Coutomer	0000000	. vellelson ony		Present Pro F	orma Rates			Prop	osed Pro Form	a Rates	
Description Meller Sales Currert Troial Mellings (2000 Gal) Rate Revenue State Proposed Troial Chands Sales Proposed Troial Chands Sales Proposed Troial Chands Sales Proposed Troial Sales Proposed Troial Sales Proposed Rate Revenue Sales Sales Rate Revenue Sales Sales Rate Revenue Sales Sale	Line#	Class/	Customer				Customer		0000	a Naico	
State Penitentiary (interruptible Rate): Name (interruptible Rate): Rate (interruptible Rate): Cohamina (interruptible Rate): According (interruptible Rate): Ser (interruptible Rate): According (interruptible Rate): Ser (interr	•	Description	Meter	Sales	Current	Total	Meter	Sales	Proposed	Total	Dollar
Minimum Chance. 34" Monthly 1-12"		itate Penitentia	rv (Interruntib	(000 Gal)	Kate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change
### Monthly 0 \$7.78 \$0 0 \$8.50 \$0 15.40 \$0 11.40 \$0.40		Minimum Charge	I y (III.com apus	ie Nate).							
T. Monthily		/8" Monthly			\$7 76	∌	o o		€α πΩ	e O	P
**Monthly		/4" Monthly	0		8.49	o t	o (10 00	- (o €
1-1/2" Monthly		" Monthly	0 (9.96	ɔ (o (15.40	> c	> c
2º Monthly 0 1802 0 0 2000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 4 1000 0 6		-1/2" Monthly	0		13.63) (o (08 8C	>	> c
3* Monthly 0 22,30 0 0 72,00 0 0 74 Monthly 12 42,97 516 12 118,00 1,416 12 170 10 10 10 10 10 10 10 10 10 10 10 10 10		" Monthly	0		18.00)	o (40.00 00.00	> c	> c
4 Monthly 12 42.30 0 72.00 1 18.00 1 72.00 1 4 18.00 1 1 1 18.00 1 1 1 18.00 1 1 1 18.		" Monthly	>		20.00	, c	o c		40.00	· c	· c
Continuity 12 12 118.00 1,416 1,41		" Monthly	.		28.30	i 0	; c		72.00	0	0
Capital Complex (Interruptible Rate):		Worlding	1		42.97	516	12		118.00	1,416	900
Complete Charges: 1,355 \$3,0133 4,084 1,355 \$2,4780 3,358 \$5,001 \$1,046 1,7200 1,798 1,046 1,4500 1,516 \$1,516 \$1,046 1,4500 1,516 \$1,046 1,4500 1,516 \$1,046 1,4500 1,516 \$1,046 1,4500 1,516 \$1,046 1,4500 1,516 \$1,048 1,4500 1,516 \$1,048 1,4500 1,516 \$1,048 1,4500 1,516 \$1,048 1,4500 1,516 \$1,048 1,4500 1,516 \$1,048 1,4500 1,516 \$1,048 1,4500 1,516 \$1,048 1,4500 1,516 \$1,048 1,248 \$1,737 \$1,048 1,4500 1,516 \$1,048 1,048 1		Monthly	o c		/9.63	. 0	0		232.00	0	0
Volumetric Charges: 1,355 \$3,0133 4,084 1,355 \$2,4780 3,358 \$2,500 1,516 \$2,4780 3,358 \$2,4780 1,516 \$2,4780 1,516 \$3,358 \$3,503 \$4,088 \$1,046 1,516 \$1,516 <t< td=""><td></td><td>Wiching</td><td>c</td><td></td><td>0.00</td><td>c</td><td>c</td><td></td><td>368.00</td><td>C</td><td>0</td></t<>		Wiching	c		0.00	c	c		368.00	C	0
First Block Second Block Second Block FAL's and Credits 1,355 4,084 1,720 1,798 1,798 1,046 1,450 1,516 1,046 1,720 1,798 1,735 1,046 1,450 1,516		olumetric Charc	jes:								
Second Block FAL's and Credits 1,046 4,088 1,7200 1,798 7,337 1,046 4,088 1,4500 1,516 1,516 7,213 FAL's and Credits Reconcile to Books 6,489 \$13,735 4,088 7,213 1,516 7,213 Capital Complex (Interruptible Rate): Minimum Charge: Sig" Monthly \$7.76 \$0 0 \$8.50 \$0 Minimum Charge: Sig" Monthly \$7.76 \$0 0 \$8.50 \$0 1"Monthly 0 8.49 0 0 \$8.50 \$0 2" Monthly 0 9.96 0 0 15.40 0 2" Monthly 0 18.02 0 0 26.80 0 2" Monthly 12 28.30 0 0 26.80 0 2" Monthly 12 42.97 516 12 118.00 0 3" Monthly 12 42.97 516 12 118.00 0 4" Monthly 10 20 0 0 232.00 0		irst Block		1,355	\$3.0133	4,084		1.355	\$2,4780	3.358	(726)
FAL's and Credits 4,088 7,337 4,088 7,213 (213) Reconcile to Books 6,489 \$13,735 6,489 \$13,503 (213) Capital Complex (Interruptible Rate): Minimum Charge: 5/8" Monthly 0 \$13,735 \$0 \$8.50 \$0 3/4" Monthly 0 8.49 0 0 15.40 0 1" Monthly 0 8.49 0 0 15.40 0 2" Monthly 0 13.63 0 0 40.50 0 2" Monthly 0 28.30 0 0 40.50 0 2" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 0 0 0 232.00 0 0 8" Monthly 0 0 0 232.00 0 0 9" Monthly		econd Block		1.046	1.7200	1.798		1 046	1 4500	1 516	(282)
Reconcile to Books		AL's and Credit	S	4,088		7,337		4,088		7,213	(124)
Capital Complex (Interruptible Rate): \$13,735 6,489 \$13,503 Allimimum Charge: 5/8" Monthly \$7.76 \$0 0 \$8.50 \$0 1" Monthly 0 8.49 0 0 10.90 0 2" Monthly 0 9.96 0 0 10.90 0 2" Monthly 0 18.02 0 0 15.40 0 2" Monthly 0 18.02 0 0 15.40 0 2" Monthly 0 28.30 0 0 40.50 0 4" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 0 79.63 0 0 232.00 0 8" Monthly 0 79.63 0 0 388.00 0 9" Monthly 0 3.4670 5,305 1,530 \$2,4780 3,791 <td></td> <td>Reconcile to Boo</td> <td>KS.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>, o (</td>		Reconcile to Boo	KS.								, o (
Capital Complex (Interruptible Rate): Minimum Charge: \$7.76 \$0 \$8.50 \$0 5/8" Monthly 0 8.49 0 0 11.90 0 1" Monthly 0 9.96 0 0 11.90 0 1" Monthly 0 13.63 0 0 26.80 0 2" Monthly 0 18.02 0 0 40.50 0 2" Monthly 12 28.30 0 0 77.00 0 4" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 0 0.00 0 232.00 0 1,416 6" Monthly 0 0.00 0 0 368.00 0 8" Monthly 0 0.00 0 0 368.00 0 9" Monthly 0 0 0 0		otal		6,489	H 1	\$13,735		6,489		\$13,503	(\$232)
Minimum Charge: 5/8" Monthly 0 \$7.76 \$0 0 \$8.50 \$0 3/4" Monthly 0 8.49 0 0 10.90 0 1" Monthly 0 9.96 0 0 15.40 0 2" Monthly 0 18.02 0 0 28.30 0 28.30 0 4" Monthly 0 28.30 0 0 72.00 0 4" Monthly 0 79.63 0 0 72.00 0 8" Monthly 0 79.63 0 0 0 232.00 0 8" Monthly 0 79.63 0 0 0 232.00 0 Yolumetric Charges: First Block 1,124 \$2.8267 3,176 FAL's and Credits 0 1,124 \$1.7200 1,416 Reconcile to Books 3,477 \$10,413 3,477 \$9,185		anital Complex	k (Interruptible	Rato).							
String Monthly 0		Ainimum Charge	r Vinterrabusie	, Nate).							
3/4" Monthly 0 8.49 0 10.30 1" Monthly 0 9.96 0 10.30 10.30 1" Monthly 0 9.96 0 0 15.40 0 2" Monthly 0 18.02 0 0 26.80 0 3" Monthly 0 28.30 0 0 40.50 0 4" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 0 79.63 0 0 232.00 0 8" Monthly 0 0.00 0 0 368.00 0 Volumetric Charges: 1,530 \$3.4670 5,305 1,530 \$2.4780 3,791 Second Block 1,124 \$2.8267 3,176 1,124 \$2.4780 2,784 Third block 1,24 \$1.7200 1,416 824 \$1.4500 1,194 FAL's and Credits 0 0 0 3,477 \$9,185 Total 3,477 \$9,185 \$9,185	e- 1-	/8" Monthly	•		\$7 76	*	5		# 0 71 0	e S	9
1" Monthly 0 9.96 0 10.90 1-1/2" Monthly 0 13.63 0 0 15.40 0 2" Monthly 0 18.02 0 0 26.80 0 2" Monthly 0 28.30 0 0 40.50 0 4" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 0 79.63 0 0 232.00 0 8" Monthly 0 79.63 0 0 232.00 0 8" Monthly 0 79.63 0 0 232.00 0 Volumetric Charges: 1,530 \$3.4670 5,305 1,530 368.00 0 First Block 1,124 \$2.8267 3,176 1,124 \$2.4780 3,791 Second Block 1,124 \$2.8267 3,176 1,124 \$2.4780 2,784 Third block 824 \$1.7200 1,416 824 \$1.4500 1,194 FAL's and Credits 0 0 0 0 3,477 \$9,185 Reconcile to Books 3,477 \$9,185 \$1,413 3,477 \$9,185		/4" Monthly	0 (8 40	o 6	-		10.00	o 6	o 6
1-1/2" Monthly 0 13.63 0 0 26.80 0 2 2 2 2 2 2 0 0 0 40.50 0 0 2 2 3 2 0 0 0 40.50 0 0 2 2 3 2 0 0 0 40.50 0 0 2 2 3 2 0 0 0 40.50 0 0 2 2 3 2 0 0 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 40.50 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 0 40.50 0 40.50 0 40.50 0		" Monthly	0		99,96	ɔ (-		15.40	>	o c
2" Monthly 0 18.02 0 40.50 0 3" Monthly 0 28.30 0 0 72.00 0 4" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 0 79.63 0 0 232.00 0 8" Monthly 0 79.63 0 0 232.00 0 8" Monthly 0 79.63 0 0 368.00 0 Volumetric Charges: 1,530 \$3.4670 5,305 1,530 \$2.4780 3,791 Second Block 1,124 \$2.8267 3,176 1,124 \$2.4780 3,791 First Block 1,124 \$2.8267 3,176 1,124 \$2.4780 2,784 Third block 824 \$1.7200 1,416 824 \$1.4500 1,194 FAL's and Credits 0 0 0 0 0 0 Reconcile to Books 3,477 \$9,185 3,477 \$9,185		-1/2" Monthly	0		13.63)	o (26.70	> (-
3" Monthly 0 28.30 0 72.00 0 4" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 0 79.63 0 0 232.00 0 8" Monthly 0 79.63 0 0 232.00 0 8" Monthly 0 0.00 0 0 368.00 0 Volumetric Charges: 1,530 \$3.4670 5,305 1,530 \$2.4780 3,791 Second Block 1,124 \$2.8267 3,176 1,124 \$2.4780 3,791 Third block 824 \$1.7200 1,416 824 \$1.4500 1,194 FAL's and Credits 0 0 0 0 3,477 \$9,185 Total 3,477 \$9,185 3,477 \$9,185		" Monthly	0		18.02	0	0		40 50	o (o (
4" Monthly 12 42.97 516 12 118.00 1,416 6" Monthly 0 79.63 0 0 232.00 0 8" Monthly 0 0.00 0 0 368.00 0 Volumetric Charges: 1,530 \$3.4670 5,305 1,530 \$2.4780 3,791 First Block 1,124 \$2.8267 3,176 1,124 \$2.4780 3,791 Third block 824 \$1.7200 1,416 824 \$1.4500 1,194 FAL's and Credits 0 0 0 0 3,477 \$9,185		" Monthly	0		28.30	0	0		72 00)	- (
6" Monthly 0 79.63 0 0 232.00 0 8" Monthly 0 0.00 0 0 368.00 0 0 368.00 0 0 0 368.00 0 0 0 368.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		" Monthly	12		42.97	516	12		118.00	1 416	900
8" Monthly 0 0.00 0 0 368.00 0 Volumetric Charges: First Block 1,530 \$3.4670 5,305 Second Block 1,124 \$2.8267 3,176 Third block 824 \$1.7200 1,416 824 \$1.4500 1,194 FAL's and Credits 0 0 0 0 368.00 0 Reconcile to Books 3,477 \$1,240 3,791 Total 3,477 \$3,477 \$9,185		" Monthly	0		79.63	0	o i		232.00	, ,	0 6
Volumetric Charges: 1,530 \$3.4670 5,305 1,530 \$2.4780 3,791 First Block 1,124 \$2.8267 3,176 1,124 \$2.4780 2,784 Third block 824 \$1.7200 1,416 824 \$1.4500 1,194 FAL's and Credits 0 0 0 0 0 Reconcile to Books 3,477 \$9,185 \$9,185		" Monthly	0		0.00	0 (0 (368.00)	5 6
Volumetric Charges: Volumetric Charges: 1,530 \$3.4670 5,305 1,530 \$2.4780 3,791 First Block 1,124 \$2.8267 3,176 1,124 \$2.4780 2,784 Second Block 1,124 \$2.8267 3,176 1,124 \$2.4780 2,784 Third block 824 \$1.7200 1,416 824 \$1.4500 1,194 FAL's and Credits 0 0 0 0 0 Reconcile to Books 3,477 \$9,185 \$9,185							,			((
First Block 1,530 \$3.4670 5,305 1,530 \$2.4780 3,791 Second Block 1,124 \$2.8267 3,176 1,124 \$2.4780 2,784 Third block 824 \$1.7200 1,416 824 \$1.4500 1,194 FAL's and Credits 0 0 0 0 0 Reconcile to Books 3,477 \$10,413 3,477 \$9,185		olumetric Charg	es:								
Second Block 1,124 \$2,8267 3,176 1,124 \$2,4780 2,784 Third block 824 \$1,7200 1,416 824 \$1,4500 1,194 FAL's and Credits 0 0 0 0 0 Reconcile to Books 3,477 \$10,413 3,477 \$9,185		irst Block		1,530	\$3.4670	5,305		1,530	\$2.4780	3,791	(1,514)
Third block 824 \$1.7200 1,416 824 \$1.4500 1,194 FAL's and Credits 0 0 0 0 0 Reconcile to Books 3,477 \$10,413 3,477 \$9,185		econd Block		1,124	\$2.8267	3,176		1,124	\$2.4780	2.784	(392)
FAL's and Credits 0 0 0 0 Reconcile to Books 3,477 \$10,413 3,477 \$9,185		hird block		824	\$1.7200	1.416		824	\$1 4500	1 194	(222)
Reconcile to Books 3,477 \$10,413 3,477 \$9,185		AL's and Credits	S	0	•	0		0		.;.;	0 (1
Total 3,477 \$10,413 3,477 \$9,185		Reconcile to Boo	ks							,	0 (
		otal		3,477	: I	\$10,413		3,477		\$9,185	(\$1,228)
	40		11		ŧ				1	÷0,:00	(41,14)

				12 rear	12 Month Test Period Ended December 31, 2002	Operating Revenues at Present Rates vs Propos 12 Month Test Period Ended December 31, 2002	ates vs Propo mber 31, 2002	sed Rates			
Missou Compa District	Missouri Public Service Commission Company: Missouri-American Water Company District: Jefferson Citv	Commission erican Water	n r Company							Case No. Schedu	Case No. WR-2003-XXX Schedule CAS-14-JFC
			Present Pro Forma Rates	orma Rates			Prop	Proposed Pro Forma Rates	na Rates		rage 4 or 6
Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
_	1	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
2	Industrial:										
	Minimum Charge:										
	5/8" Monthly	36		\$7.76	\$279	36		\$8.50	\$306	\$27	9.68%
	3/4" Monthly	0		8.49	\$0	0		10.90	0	0	0.00%
ი -	1" Monthly	24		9.96	\$239	24		15.40	370	131	54.81%
7 1	1-1/2" Monthly	0		13.63	\$ 0	0		26.80	.	0	0 00%
_∞	2" Monthly	36		18.02	\$ 649	36 36		40.50	1.458	809	124 65%
	3" Monthly	36		28.30	\$1.019	36.		70 00	う FD3	4 572	15/ 270/
_	4" Monthly	12		42.97	\$516	13 8		118.00	1,332	900	174.37%
	6" Monthly	0		79.63	\$ 0	o i		232 00	,,	o 6	%00 0 % 3 +.+.
	8" Monthly	0		0.00	9)		368.00	.	-	0.00%
	10" Monthly	0		0.00	0 1	o (0.00	o (-	0.00%
	12" Monthly	0		0.00	0 (0 (0.00	o (o 0	0.00%
	,				,	•		0	ć	ć	0.00
	Volumetric Charges:	S:									
17	First Block		85	\$0.0000	0		85	\$2.4780	210	210	0.00%
	Second Block		8,824	2.8324	24,993		8,824	2.4780	21,865	(3,128)	-12.52%
19 1	Third Block		6,069	1.7118	10,389		6,069	2.1000	12.745	2.356	22.68%
	Fourth Block		0	0.0000	0		0	2.1000	j 0 č	<u>1</u> 0	0.00%
	FAL's and Credits		(77)		(257)		(77)	!	(276)	(19)	7.39%
	Reconcile to Books	ĊΩ							1	0 (0.00%
	Total		14.901	1	\$37.827	1	14 901	•	\$40 686	\$2 850	7 560/
				Н	40.	ı	1,00		\$+0,000	⊕ C,000	7.30%
_	Large Industrial:										
	Minimum Charge:										
	2" Monthly	12		\$787.01	\$9.444	12		\$1,155,60	\$13.867	\$4 423	46 83%
	3" Monthly	0		797.29	0	0		1.187.10	0	0 0	0.00%
	4" Monthly	12		811.96	9.744	12		1.233.10	14 797	5 053	51.86%
	6" Monthly	0		848.63	0	o i		1.347.10	0	0,000	0.00%
		•		0	Ó	(1,047.10	c	c	0.00
	Volumetric Charges:	S:									
	First Block		10,800	0.00	0		10,800	0.0000	0	0	0.00%
	Second Block		73,960	1.71	126,597		73,960	1.7500	129,430	2,833	2.24%
35	FAL's and Credits		0		0		0		0	0	0.00%
	Reconcile to Books	S								•	
	Total		84,760		145.785	1	84.760		158 094	12 309	8 44%
				I		11					0.1.70
39											
40											
											_

	•			Test Year O	Test Year Operating Revenues at Present Rates vs Proposed Rates 12 Month Test Period Ended December 31, 2002	es at Present R od Ended Dece	ates vs Propo mber 31, 2002	sed Rates			
Missou	Missouri Public Service Commission Company: Missouri-American Water Company	e Commissio merican Wate	r Company							Case No Schedu	Case No. WR-2003-XXX Schedule CAS-14-JFC
			Present Pro Forma Rates	orma Rates			Drop	and Dro Corm	י סיי		Page 5 of 8
Line #	Class/	Customer	- 1030111 10 1	OIIId Naico		Customer	riup	Froposed Fro Forma Kates	a Kates		
_	Description	Meter Billings	Sales ('000 Gal)	Current Rate	Total Revenue	Meter Billings	Sales	Proposed	Total	Dollar	Percentage
	Other Public Authority:	thority:	(555 551)	- 6			(000 Cal)	Nate	Navellue	Cilalige	Criange
	Minimum Charge:	, Pr									
	5/8" Monthly	120		\$7.76	\$931	120		\$8.50	\$1,020	\$89	9.56%
	3/4" Monthly	0		8.49	0	0		10.90	O	0	0.00%
၂ တ	1" Monthly	72		9.96	717	72		15.40	1,109	392	54.67%
	1-1/2" Monthly	48		13.63	654	48		26.80	1,286	632	96.64%
	2" Monthly	224 22		18.02	4,036	224		40.50	9,072	5,036	124.78%
7 °	4" Monthly	10		28.30 42.07	566	1 20		72.00	1,440	874	154.42%
	6" Monthly	i c		79.63	ء ر	o <u>r</u>		333.00	1,416	900	1/4.42%
	8" Monthly	0		0.00	0 (.		368.00	- C	o c	0.00%
	10" Monthly	0		0.00	0	0		0.00	0 (0 (0.00%
	i wominy	c		0.00	c	_		0.00	0	0	0.00%
17 0	Volumetric Charges:	æs.									
	First Block		882	\$0.0000	0		882	\$2 4780	2 186	3 186	0 00%
	Second Block		10,900	2.8324	30,873		10.900	2.4780	27.010	(3.863)	-12.51%
	Third Block		8,808	1.7118	15,078		8,808	1.5000	13,212	(1,866)	-12.38%
	Fourth Block	•	7 7 0	0.0000	0		0	1.5000	0	, 0,	0.00%
23	Reconcile to Books	Š	(1,511)		(13,100)		(7,511)		(14,176)	(1,076)	8.21%
	Total		13.079		\$40 271	1	13 070	1	¢42 575	63 304	0.00%
	į		10,010	H	17,C+0	11	13,079	81	\$43,575	\$3,304	8.20%
26											
27											
2 28											
<u>ა</u> ც											
3 43											
3 23											
သ 4											
35											
36											
37											
2 X											
40											

			Test Year O _l 12	Test Year Operating Revenues at Present Rates vs Proposed Rates 12 Month Test Period Ended December 31, 2002	ies at Present F iod Ended Dec	tates vs Propo ember 31. 200	osed Rates			
Missouri Public Service Commission Company: Missouri-American Water Company	e Commissio nerican Wate	n r Company							Case No Schedu	Case No. WR-2003-XXX Schedule CAS-14-JFC
District. Jenerson City		Present Pro Forma Rates	orma Rates			ם ס	Sond Dro Form	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Page 6 of 8
Line # Class/	Customer	1 10301111 10 1	OHIIG INGROO		Ouetomer	F104	rioposed Pio Forma Kates	Rates		
ō	Meter	Sales	Current	Total	Meter	Sales	Proposed	Total	Dollar	Percentage
	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
2 Other Water Utility:	ity:								c	C
			\$7.76	*	0		₹ α πΟ	Ê	ē,	2000
	0 (8.49	o 6	.		10.00	o 6	o &	0.00%
6 1" Monthly	0		9.96	0 (0 (15.40	5 0	> c	0.00%
	0		13.63	0	0		26.80)	> (0.00%
	0		18.02	0	0		40.50	0 (0 (0.00%
	0		28.30	0	0		72.00	o ()	0.00%
	0		42.97	0	0		118.00	0 (0 (0.00%
11 6" Monthly	00		79.63	» o	0		232.00	0	0	0.00%
	.		0.00	> C	o c		368.00	o c	o C	0.00%
	0 (0.00	-	-		0.00	> C	o c	0.00%
					•			c	c	0.00
17 Volumetric Charges:	es:									
		0	\$0.0000	0		0	\$2.4780	0	0	0.00%
		0	2.8324	0		0	2.4780	0 (0 (0.00%
		0	1.7118	0		0	2.1000	0 (0 (0.00%
		0	0.0000	0		0	2.1000	0	0	0.00%
	- 0,	0		0		0		0	0	0.00%
	Ŝ	,							0	0.00%
24 otal		0	ı.	\$0		0		\$0	\$0	0.00%
25										
27										
28										
29										
30										
<u> </u>										
33 6										
34										
35										
36										
37										
38										
40										

				12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	mber 31, 200	2			
Misso	Missouri Public Service Commission	e Commissio	, 3							Case No	Case No. WR-2003-XXX
Distric	Company: missourl-American Water Company District: Jefferson City	nerican wate	r Company							Sched	Schedule CAS-14-JFC
			Present Pro Forma Rates	orma Rates			Prop	Proposed Pro Forma Rates	na Rates		
Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
Ν-	Miscellaneous:	Dilli ya	(ooo Gai)	Nate	Revenue	Billings	(000 Gal)	Kate	Revenue	Change	Change
ω	Minimum Charge:	**									
4	5/8" Monthly			\$7.76	\$0	0		\$8.50	#	ŝ	0.00%
Çī	3/4" Monthly	0		8.49	0 7	o (10 90	o 6	. 6	0.00%
<u>ი</u>	1" Monthly	0		9.96	0 (o (15.40	>	-	0.00%
7	1-1/2" Monthly	0		13.63	0 (0 (26.80	O 0	>	0.00%
<u>∞</u>	2" Monthly	0		18.02	0 (0 (40 50	> 0	-	0.00%
	3" Monthly	0		28.30	o •)		72 00	-	> 0	0.00%
_	4" Monthly	0		42.97	0 (0 6		118.00	-	-	0.00%
	6" Monthly	0		79.63	0	0		232.00	0	0 (0.00%
12	8" Monthly	0		0.00	0	0		368.00	0	0 (0.00%
13	10" Monthly	0		0.00	0	0		0.00	၁	5 (0.00%
	12" Monthly	0		0.00	0	0		0.00	0 (0 (0.00%
ත් ත්									,	,	
	Volumetric Charges:	ies:									
	First Block	,	0	\$0.0000	0		0	\$0.0000	0	5	0.00%
19	Second Block		0	0.0000	0		0	0.0000	o (o (0.00%
	Third Block		0	0.0000	0		0	0.0000	0 (o (0.00%
	Fourth Block		0	0.0000	0		0	0.0000	0 (0 (0.00%
	FAL's and Credits	S	0		0		0		0	5	0.00%
	Reconcile to Books	ks					,		,	0 (0.00%
	Total		0	1	\$0		0		\$ 0	\$00	0.00%
				Н					40	40	0.00%
26											
27											
28											
29											
30											
3 5											
3 K											
34											
င္ဟ											
<u>အ</u>											
37											
38											
39											
40											

0.0		12 12	lest real Operating Revenues at Present Rates vs Proposed Rates 12 Month Test Period Ended December 31, 2002	12 Month Test Period Ended December 31, 2002	2		
Missouri Public Service Commission Company: Missouri-American Water Company District: Jefferson City	sion ater Company					Case No Sched	Case No. WR-2003-XXX Schedule CAS-14-JFC
		Present Rates	Rates	Proposed Rates	d Rates		- 490
Line # Connection Size	Number	Annual	Total	Annual	Total	Dollar	Percentage
2 Private Fire Service:				incomp	I VO A CLICAC	Clarige	Citaliga
4 Private Fire Hydrant	38	\$786.49	\$29,887	\$786.49	\$29,887	\$0	0.00%
7 0 0	14	87.35	1,223	87.35	1,223	0	0.00%
၀ ထ ·	_	196.66	197	196.66	197	0	0.00%
10 4"	25	349.57	8,739	349.57	8,739	0	0.00%
13 12 G ₁	48	786.49	37,752	786.49	37,752	0	0.00%
14 8"	17	1,398.11	23,768	1,398.11	23,768	0	0.00%
16 10" 17	C 1	2,184.60	10,923	2,184.60	10,923	0	0.00%
18 12" 19	0	0.00	0	0.00	0	0	0.00%
20 FAL's and Credits			(1,333)		(1,333)	0	0.00%
22 Total 23 24	148		\$111,156		\$111,156	\$0	0.00%
24 25 26 Public Fire Protection:							
28 Public Fire Hydrants 29 30	777	0.00	0	299.52	232,727	232,727	0.00%
32							
35							
36 37							
38 39							
40							

Missouri Public Service Commission Case No. WR-2003-XXX Company: Missouri-American Water Company Schedule CAS-2-JOP District: Joplin Page 1 of 1
Line
No.
3 Description Schedule Amount
Rate Base CAS-3-JOP \$2
8 Operating Income at Present Rates CAS-8-JOP 1,771,208
Earned Rate of return
12 Requested Rate of Return Grubb Testimony 8.30%
16 Required Operating Income 2,248,240
16 Operating Income Deficency 477,032
18 Gross Revenue Conversion Factor 1.64940
20 Revenue Deficiency 786,817
Adjusted Operating Revenues CAS-8-JOP 8,060,300
24 Total Revenue Requirement \$8,847,117 25 26 27
Gross Revenue Conversion Factor \$1,000.000 Revenue 1.59570% 15.957 1.5957 1.5957 PSC Assessment 0.0000% 0.000 Before Tax Amount 984.043 State Income Taxes 5.21327% 51.301 Federal Income Taxes 33.17536% 326.460 Total Taxes and Expenses 393.718 Net Amount \$806.282
38 Conversion Factor 1.64940 39 40

			Test Year Ended December 31, 2002	1. 2002	
Misso Compa Distric	Missouri Public Service Commission Company: Missouri-American Water Company District: Joplin				Case No. WR-2003-XXX Schedule CAS-3-JOP Page 1 of 1
Line #					
·ω N -	Rate Base Component	Supporting Reference	Per Books <u>12/31/02</u>	Adjustments	Pro Forma Rate Base
4 rO 0	Utility Plant in Service	CAS-4-JOP	38,862,455	5,492,057	44,354,512
0 7 0	Accumulated Provision for Depreciation	CAS-5-JOP	(9,150,996)	(723,260)	(9,874,256)
5 w c	Accumulated Amortization	W/P's	(71,296)	0	(71,296)
3 = 5	Utility Plant Acquisition Adjustments	W/P's	0	54,752	54,752
7 2 4	Net Utility Plant		29,640,163	4,823,549	34,463,712
15 16 17 19 20	Less: Customer Advances Contributions in Aid of Construction Accumulated Deferred ITC (3%) Deferred Income Taxes	CAS-6-JOP CAS-6-JOP W/P's W/P's	1,673,164 3,390,055 13,433 1,841,737	631,964 (53,269) 0 343,466	2,305,128 3,336,786 13,433 2,185,203
23 24 25	Subtotal		7,164,582	1,161,050	8,325,632
26 28 28	Add: Cash Working Capital Metarials and Supplies	CAS-7-JOP	136,000	00	136,000
2 2 2 2 2 2	Prepayments OPEB's Contributed to External Fund Premature Retirement Regulatory Deferrals	W/P's W/P's W/P's	26,700 246,153 0 264,038	0 (6,519) 0 71,664	26,700 239,634 0 335,702
သူ လူ န	Subtotal		884,001	65,145	949,146
38 37 8	Total Original Cost Rate Base		23,359,583	3,727,643	27,087,226

Utility Plant in Service For the Test Year Ended December 31, 2002

			For the Test Year Ended December 31, 2002	1, 2002		
Company: Miss District: Joplin	ı Public Ser y: Missouri Joplin	wissouri Public Service Commissior Company: Missouri-American Water Company District: Joplin			Cas S	Case No. WR-2003-XXX Schedule CAS-4-JOP Page 1 of 2
Line #			Per Books	Pro Forma	Pro Forma	
	Acct No	Account Description	12/31/02	Adjustments	UPIS	
ω N	ਔ 1	Intangible Plant	Ŝ	9000	9000	
4	302	Franchise & Consents	20.740	#20,200 O	20,233 20,740	
σı	303	Miscellaneous Intangible Plant Studies	0	14.664	14.664	***************************************
7 6		Subtotal Source of Supply Plant	20,740	40,919	61,659	
- ∞	310	Land & Land Rights	96,342	0	96,342	
<u></u>	3 1	Structures & Improvements	17,876	2,763	20,639	
<u> </u>	3 C	Collection & Impound Resevoirs	110,883	o 0	110,883	
	312 412	Wells & Springs	1 00/ 016	2 F08 337	3 403 4F3	
1 3 i	316	Supply Mains	343,054	0	343.054	
14		Subtotal	2,525,725	1,591,000	4,116,725	
ते जे	3	Pumping Plant	1	•		
7 6	321	Pumping Structures & Improvements	499 927	6 447	506,374 12,561	
1 8	322	Boiler Plant Equipment	348	0	348	
19	323	Force Mains	65,836	0	65,836	
2 20	324	Steam Pumping Equipment	6,907	0	6,907	
	328	Diesel Dimping Equipment	2,158,844	31,//4	2,190,618	
23	327	Pump Equip Hydraulic	0	0 0	0	
24	328	Other Pumping Equipment	224,224	0	224,224	
2 2		Subtotal	3,101,234	38,221	3,139,455	MARKATURA SALVER
	220	Water Treatment I and & land Rights	11 715	Þ	11 715	
28	331	Water Treatment Structures & Improvements	257,097	314,977	572,074	
29	332	Water Treatment Equipment	2,540,990	20,262	2,561,252	***************************************
<u></u> 8	332.4	Water Treatment Equipment - Filter Plant	3,073	0	3,073	
ઝુ બ		Transmission & Distribution Diam	2,812,875	335,239	3,148,114	
33	340	Transmission & Distribution Land	27.039	o	27 039	18-18-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-
34	341	Transmission & Distribution Structures & Improvements	356,988	0	356,988	200000000000000000000000000000000000000
35	342	Distribution Reservoirs & Standpipes	2,597,965	1,498,726	4,096,691	
36	343	Transmission & Distribution Mains Conv		0		
37	343.1	Transmission & Distribution Mains < 4'	637,616	0	637,616	
 8 8	343.2	Transmission & Distribution Mains 6" - 8'	10,631,947	419,582	11,051,529	
- G	343.3	Transmission & Distribution Mains > 10'	5,990,540	322,344	6,312,884	
ŧ		Subtotal	20,242,095	2,240,652	22,482,747	

	Line #	Į,	5 6) =			
	e #	nistrict: Johin	Company: Missouri-American Water Company	MISSOUTH PUBLIC SELVICE COMMISSION			
		ulidor	/: MISS	ייייייייייייייייייייייייייייייייייייייי	D. F.		
			-inno	OEI V			
			\meric	. 6			
			an wa				
			iter Co				
			mpan				
			~				
					-		
						For	
						the Te	
<u> </u>						For the Test Year Ended December 31, 2002	Utility
Per Books						r Ende	Utility Plant in Service
•						d Dec	in Ser
					-	ember	vice
					ŀ	31, 20	
ם כיייייייייייייייייייייייייייייייייייי						2	
Forms							
ם ק							
Dro Forms							
ช							
			တ္တ	Cas			
			hedul	9 No. 1			
		Pago	e CAS	VR-20			
		Page 2 of 2	Schedule CAS-4-JOP	Case No. WR-2003-XXX			
	,	<u>N</u>	U	×	L		

40 40	38	ა აგ ა	- 4 4		32	<u> </u>	3	29	28	27	26	25	24	23	22	21	20	19	18	17	6	5	14	ವ	13	;	10	9	o	7	တ	Çī	4	ω	2		Line #
			399	398	397.2	397	396	395	394	393	392.3	392.2	392.12	392.11	391.3	391.26	391.25	391.2	391	390.3	390	390.1	390	389		•	349	348	347	346.3	346.2	346.1	345	344		Acct No	
	Total Plant in Service	Subtotal	Other Tangable Property	Miscellaneous Equipment	Telephone Equipment	Communication Equipment (non telephone)	Power Operated Equipemnt	Laboratory Equipment	Tools, Shop, & Garage Equipment	Stores Equipment	Transportation Equipment - Other	Transportation Equipment - Cars	Transportation Equipment - Heavy Trucks	Transportation Equipment - Light Trucks	Other Office Equipment	Personal Computer Software	Computer Software	Computers & Peripheral Equipment	Office Furniture and Equipment	Miscellaneous Structures	General Structures - HVAC	Office Structures	Stores Shops Equipment Structures	General Land & Land Rights	General Plant	Subtotal	Other Transmission & Distribution Plant	Hydrants	Meter Installation	Meters - Not Class By Type	Meters - Plastic Case	Meters - Bronze Case	Services	Fire mains	Transmission & Distribution Plant	Account Description	
																																			Bal Fwd		
	\$38,862,455	1,327,334	0	48,504	0	49,946	177,464	41,557	276,186	7,447	63.739	35,737	14.220	284,607	27,453	5,646	O	131,763	38,289	81.089	0	13.682	29,288	717	10,0,1,01,	29 074 547	000,000	600.356	1 817 687	171.556	13.992	616,970	5.611.891	0	20,242,095	Per Books 12/31/02	! !
	\$5,492,057	548,778	0	780	1,502	364	0	36,287	5,620	0	o i	9.012	0	43.240	734	8,035	44,415	52.193	337.800	0 (0	8.796	0	0	2,307,300	3 937 900	.	0	215 612	0 (0	214.419	267.217		2,240,652	Pro Forma Adiustments	
	\$44,354,512	1,876,112	0	49,284	1,502	50,310	177,464	77,844	281.806	7.447	63 739	44.749	14 220	327.847	28.187	13.681	44.415	183.956	376.089	81 089	0	22.478	29.288	717	32,012,447	33 013 117	000,300	600 356	2 033 200 2 033 200	171 556	13,992	831.389	5 879 108	0	22,482,747	Pro Forma	

	AC
Test Year Ended I	Accumulated
ĕ	are
ar E	_
ä	epr
ed	eci:
ě	allo
严	na
ĕ	7
34,	á
December 31, 2002	Depreciation and Amortization
N	atic
	ĭ

<u> </u>		Test	Test Year Ended December 31, 2002	002		
Missouri Public Company: Miss District: Joplin	Public Ser y: Missouri Joplin	Missouri Public Service Commission Company: Missouri-American Water Company District: Joplin	The state of the s		C	Case No. WR-2003-XXX Schedule CAS-5-JOP Page 1 of 2
Line #			Per Books	Pro Forma	Pro Forma	
N <u>¬</u>	Acct No	Account Description Intangible Plant	12/31/02	<u>Adjustments</u>	Reserve	
ω	301	Organization	\$0	\$ 0	\$	
4-	302	Franchise & Consents	0	0	0	
တ ပ	3 U3	Miscellaneous Intangible Plant Studies Subtotal	0 0	77,788	77,788	
7	2	Source of Supply Plant				
> œ	310	Land & Land Rights	0	0	0	
 10 «	312 -	Collection & Improvements Collection & Improvements	3,314 77 461	317 1 880	3,631 70,371	
<u></u>	313	Lake, River, & Other Intakes	32,241	1,501	33,742	
3 73	314	Wells & Springs	167,483	(89,469)	78,014	
14 3	310	Subtotal	226,649 507.147	(80.204)	232,215 426,943	
5 5		Pumping Plant		Territory and Associates		
17 6	320 320	Pumping Land & Land Rights Pumping Structures & Improvements	200	0	0	
18	322	Boiler Plant Equipment	0	9,00Z	1/3,000 0	
19	323	Force Mains	0	1,279	1,279	
2 20	324 325	Steam Pumping Equipment	0	0	0	
2 2	326	Diesel Pumping Equipment	/59,36/ 27,376	72,020 2,771	831,387	
23	327	Pump Equip Hydraulic	0	0	, , ,	
24 25	328	Other Pumping Equipment Subtotal	100,584	4,645 90.548	105,229	***************************************
26	3	Treatment Plant		, and the second		
28	331	Water Treatment Structures & Improvements	144.478	0 (17.932)	126 546 0	
29	332	Water Treatment Equipment	968,150	67,063	1,035,213	
သ မ	332.4	Water Treatment Equipment - Filter Plant Subtotal	1 112 628	0 131	0	
 3 %	5	Transmission & Distribution Plant		i,	1,101,100	
 လ လ	34 <u>4</u>	Transmission & Distribution Land	, o	0	0	
္မှ	342 -	Transmission & Distribution Structures & Improvements Distribution Reservoirs & Standnines	527 313	18,194 (75,080)	18,194	
36	343	Transmission & Distribution Mains Conv	3,456,141	5,657	3.461.798	
37	343.1	Transmission & Distribution Mains < 4"		8,826	8,826	
<u>အ</u>	343.2 343.3	Transmission & Distribution Mains 6" - 8" Transmission & Distribution Mains > 10"	00	113,010	113,010 56,680	
40		Subtotal	3,983,454	127,287	4,110,741	

	Pro Forma	Pro Forma	Per Books	Line#
Page 2 of 2				District: Joplin
Schedule CAS-5-JOP				Company: Missouri-American Water Company
Case No. WR-2003-XXX				Missouri Public Service Commission
		າer 31, 2002	For the Test Year Ended December 31, 2002	
		mortization	Accumulated Depreciation and Amortization	

Line # Accal No																																				
Account Description Per Books Pro Forma 1231/02 Adjustments Transmission & Distribution Plant 1231/02 Adjustments 1231/02 Adjustments 1231/02 Adjustments 1231/02 Adjustments 1231/02 Adjustments 1231/02 Adjustments 1235/05 Adjustments Adjustment Adjustm	37	& &	34 S	3 83	<u> </u>	ဗ	29	28	27	26	25	24	23	23	2	20	19	8	17	6	슔	14	13	12	=	6	9	œ	7	တ	5	4	ယ	2	>	Line #
bution Plant Bal Fwd 12/31/02 12/31/02 12/32/35 Pro Forma Adiustments 12/31/02 12/7,287 bution Plant Bal Fwd 3,983,454 127,287 0 1,215,295 113,542 113,542 0 14,444 723 14,444 0 429,666 20,940 16,736 16,840 113,956 8,869 20,940 16,736 16,840 113,956 8,869 20,940 16,840 16,840 113,956 8,869 429,044 16,736 16,840 16,840 0 113,956 18,869 20,940 16,840 16,840 16,840 16,840 16,840 16,840 16,840 17,910			398 399	397.2	397	396	395	394	393	392.3	392.2	392.12	392.11	391.3	391.26	391.25	391.2	391	390.3	3 90	390.1	390	389			349	348	347	346.3	346.2	346.1	345	344		Acct No	
Per Books 12/31/02 12/31/02 3,983,454 12/32/02 1,215,295 113,556 12,966 113,956 429,066 116,736 16,840 116,736 16,840 116,736 16,840 16,940 116,736 16,940 116,736 16,940 116,736 16,940 16,940 16,940 16,940 16,940 16,940 16,940 16,940 16,940 16,940 16,940 16,940 16,941 16,944 16,944 16,948 16,948 17,944 17,948 17,943 18,726 13,340 12,395 12,395 13,340 12,395 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 13,340 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 12,280 13,340 13,340 14,270 15,948 13,340 14,270 15,948 13,340 14,270 15,948 13,340 14,270 15,948 15,948 15,948 16,948 17,921 18,948	Total Plant in Service	Subtotal	Miscellaneous Equipment Other Tangable Property	Telephone Equipment	Communication Equipment (non telephone)	Power Operated Equipemnt	Laboratory Equipment	Tools, Shop, & Garage Equipment	Stores Equipment	Transportation Equipment - Other	Transportation Equipment - Cars	Transportation Equipment - Heavy Trucks	Transportation Equipment - Light Trucks	Other Office Equipment	Personal Computer Software	Computer Software	Computers & Peripheral Equipment	Office Furniture and Equipment	Miscellaneous Structures	General Structures - HVAC	Office Structures	Stores Shops Equipment Structures	General Land & Land Rights	General Plant	Subtotal	Other Transmission & Distribution Plant	Hydrants	Meter Installation	Meters - Not Class By Type	Meters - Plastic Case	Meters - Bronze Case	Services	Fire mains	Transmission & Distribution Plant	Account Description	
Pro Forma Adjustments 127,287 0 113,542 14,444 723 8,869 20,940 16,840 0 1,910 0 1,910 0 1,910 0 1,910 101,796 70,144 15,948 3,914 43,222 1,520 13,340 6,813 60 13,340 6,813 60 13,340 7,021 2,206 2,371 0 283,353																																		Bal Fwd		
	\$9,150,996	620,686	12,280 0	32,591	0	76,943	(3,449)	123,956	8,726	0	0	0	298,920	0	0	0	0	48,004	0	- •	22.716	0	0		5 859 376	868	116.736	429,066	113,956	0	0	1,215,295	0	3,983,454	Per Books 12/31/02	
Pro Forma Reserve 4,110,741 0 1,328,837 14,444 723 122,825 450,006 133,576 868 6,162,020 0 1,910 37,093 101,796 70,144 15,948 3,914 342,142 1,520 13,340 6,813 8,786 137,296 (4,719) 85,191 7,021 34,797 14,651 0 904,039 \$9,874,256	\$723,260	283,353	2,371 0	2,206	7,021	8,248	(1.270)	13.340	60	6.813	13,340	1.520	43,222	3.914	15.948	70.144	101.796	(10.911)	1.910	0	2.990	690	0	001,011	302 644	(0)	16.840	20 940	8.869	723	14,444	113.542	0	127,287	Pro Forma	
	\$9,874,256	904,039	14,651 0	34,797	7,021	85,191	(4.719)	137.296	8.786	6.813	13,340	1.520	342.142	3.914	15.948	70.144	101.796	37.093	1 910	0	25 706	690	o	0,102,020	6 162 020	868	133 576	450 006	122.825	723	14 444	1.328.837		4,110,741	Pro Forma	

Missouri Public Company: Miss District: Joplin	blic Servi lissouri- <i>A</i> lin	Customer Adv: For th Wissouri Public Service Commission Company: Missouri-American Water Company District: Joplin	Customer Advances and Contributions in Aid of Construction For the Test Year Ended December 31, 2002	Aid of Construction er 31, 2002	
Line#			Der Booke	Dro Floring	
1 <u>Ac</u>	Acct No	Account Description	12/31/02	Adjustments	Balance
4 25		Customer Advances Advances for Construction - Extensions	1,484,469	631,964	2,116,433
5 6 7 25	252.71	Advances for Construction - Taxable Extensions Total Customer Advances	188,695 1,673,164	0 631,964	188,695 2,305,128

26 27 30 31 32 33 34 35 36 37 38	22 23 24 25	20 1 8	16 17	15 12	3 2	11008	1 O Oi .	7 W 4	o → ē
	271.37 271.47 Various	271.71 271.12 271.27	<u> </u>	271.21 271.30	271.11 271.12	!	252.71	252.11	Acct No
	Contributions in Aid - Laxable Meters Contributions in Aid - Taxable Hydrants Accumulated Amortization - CIAC Total Contributions in Aid of Construction	Contributions in Aid - Taxable Mains Contributions in Aid - Taxable Extension Deposit Contributions in Aid - Taxable Services	Contributions in Aid - NT Hydrants Contributions in Aid - NT Other	Contributions in Aid - NT Services Contributions in Aid - NT Meters	Contributions in Aid - NT Mains Contributions in Aid - NT Extension Deposit	Contributions in Aid of Construction	Advances for Construction - Taxable Extensions Total Customer Advances	Customer Advances Advances for Construction - Extensions	Account Description
	0 0 (426,362) 3,390,055	2,382,908 885,123 3,777	13,130 0	3,541 4,810	274,081 249,047		1,673,164	1 484 460	Per Books <u>12/31/02</u>
	0 0 (53,269) (53,269)	000	00	00	00		631,964	631 064	Pro Forma <u>Adjustments</u>
	0 0 (479,631) 3,336,786	2,382,908 885,123 3,777	13,130 0	3,541 4,810	274,081 249,047		2,10,433 188,695 2,305,128	0 116 422	Pro Forma <u>Balance</u>

For the T	Working Capital For the Test Year Ended December 31, 200	ital ecember 31, 20)02			
Missouri Public Service Commission Company: Missouri-American Water Company District: Joplin						Case No. WR-2003-XXX Schedule CAS-7-JOP Page 1 of 1
Line #						
,	Proforma	Average				
3 Expense Category	Proposed	Lally	Revenue	Expense	Net	Cash
4 Base Payroll	947,552	2,596	38.64	10.23	28.41	73.753
	450,224	1,233	38.64	17.39	21.25	26,212
6 Fuel and Power	510,297	1,398	38.64	37.22	1.42	1,985
	97,076	266	38.64	38.64	0.00	0
9 Service Company Charges	637 585	1 7/7 0	38.54 38.64	03.15	(14.51) 42.77	74.74
•	200,184	548	38.64	(8,54)	47.18	25.876
	87,726	240	38.64	(0.04)	38.68	9,297
12 Pensions	226,275	620	38.64	38.64	0.00	0
	118 299	30 20	38.64	38.64	0.0	> C
	125,972	345	38.64	38.64	0.00	0 0
	86,517	237	38.64	24.37	14.27	3,382
18 Office O.M.	175,224	480	38.64	48.80	(10.16)	(4,877)
	4,461,709	2,133	00.0 4	20.07	76.71	249,032
21 Depreciation Amortization Expense	1.006.117	2 756	38 64	0 00	38 64	106 511
	341.340	935	38.64	182.50	(143.86)	(134 535)
	35,292	97	38.64	38.64	0.00	0
24 Franchise and Environment Tax	13,655	3 <u>7</u>	38.64	38.64	0.00	0
	1,770) 	38.64	13.44	25.20	122
27 SUTA Taxes	103,626	284 0	38.64 64	62.05 05	(23.41) (23.41)	(6,646) (1)
	(22,873)	(63)	38.64	60.25	(21.61)	1.354
	(3,594)	(10)	38.64	62.17	(23.53)	232
	540,107	1,480	38.64	0.00	38.64	57,177
32 Preferred Dividends	13.548	2,006	30.04 30.64	91.13 45.63	(52.51)	(136,825)
	7,441,798	٤	0.01	5.00	(6,89)	136,162
35 Total Cash and Working Capital Requirement Used						136.000
					11	
37						
39						
40						

		The state of the s				
	Schedule Reference	Test year Ended 12/31/02	Adjustments	Pro Forma Present Rates	Adjustments	Pro Forma Proposed Rates
Operating Revenues	CAS-9-JOP	\$7,863,156	\$197,144	\$8,060,300	\$786,817	\$8,847,117
Operating Expenses Operating and Maintenance Depreciation Expense Amortization Expense	CAS-10-JOP CAS-10-JOP CAS-10-JOP	3,960,716 829,105 0	312,917 177,012 0	4,273,633 1,006,117 0	12,555	4,286,188 1,006,117 0
Taxes other Than Income Taxes Property Taxes Payroll Taxes PSC Fees Other	CAS-10-JOP CAS-10-JOP CAS-10-JOP CAS-10-JOP	270,159 101,744 41,352 13,271	71,181 3,671 0 (5,676)	341,340 105,415 41,352 7,595	0	341,340 105,415 41,352 7,595
Utility Operating Income Before Income Taxes	Taxes	2,646,809	(361,961)	2,284,848	774,262	3,059,110
Income Taxes Federal Income Tax State Income Tax Deferred Income Taxes Amortization of Investment Tax Credit	CAS-12-JOP CAS-12-JOP	142,717 60,836 524,146 (8,838)	(165,590) (64,430) 24,799	(22,873) (3,594) 548,945 (8,838)	256,864 40,364 0	233,991 36,770 548,945 (8,838)
Utility Operating Income		\$1,927,948	(\$156,740)	\$1,771,208	\$477,034	\$2,248,242

Missouri Public Service Commission Company: Missouri-American Water Company District: Joplin	For the Test Year Ended December 31, 2002	Year Ended	December 31,	2002	, a consequence		Case No. WR-2003-XXX Schedule CAS-9-JOP Page 1 of 1
	Toot			2	<u>.</u>) -
	Test year Ending 12/31/02	Eliminate Unbilled Revenue	Bill Analysis And Other Adjustments	Bill Analysis at Rates	Normalizaton & Annual Adjustments	Other Adjustments	Pro Forma Present Rate Revenue
Sales of Water Metered Sales Pacidental)))))))			
Commercial	34,011,562 1,736,642	\$21,036 12,668	\$2,185 659	\$4,034,883 1,749,969	\$128,962 (125,320)		\$4,163,845 1.624.649
Industrial Other Public Authority	1,192,154 206.048	(88,406) 918	16,942 35	1,120,689 207,001		137,609	1,258,298
Sales for Resale Miscellaneous	352,963 935	30,175 0	6,368 0	389,506 935		53,784	443,290 935
Total Metered Sales	7,500,403	(23,610)	26,189	7,502,983	3,642	191,393	7,698,018
Sewer Service	0	0	0	0	0	0	0
Fire Service Private Fire Service	196,906		(470)	196,436		0	196,436
Total Fire Service	196,906	0	(470)	196,436	0	0	196,436
Total Sales of Water	7,697,309	(23,610)	25,719	7,699,419	3,642	191,393	7,894,454
Other Operating Revenues Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue Rents from Water Property	12,720 4,683 148,840 (397)			12,720 4,683 148,840 (397) 0			12,720 4,683 148,840 (397) 0
Total Other Operating Revenues	165,846	0	0	165,846	0	0	165,846
Total Operating Revenues	\$7,863,156	(\$23,610)	\$25,719	\$7,865,265	\$3,642	\$191,393	\$8,060,300

t: Joplin Page 1 of 1	District: Joplin
Company: Missouri-American Water Company Schedule CAS-10-JOP	Compai
Missouri Public Service Commission Case No. WR-2003-XXX	Missou
For the Test Year Ended December 31, 2002	•
Summary of Operations and Maintenance Expenses and General Taxes	

Line #

28 28 38 38 38 38 38 38 38 38 38 38 38 38 38	25 26 27	16 17 19 20 21 22	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 w 4 rv c
Property Taxes Payroll Taxes PSC Fees Other General Taxes Total Taxes Other Than Income Taxes	Depreciation Amortization Total Depreciation and Amortization	Insurance, Other than Group Customer Accounting Rents General Office Expense Miscellaneous Maintenance - Other Total Operations and Maintenance	Labor Purchased Water Fuel and Power Chemicals Waste Disposal Management Fees Group Insurance Pensions Regulatory Expense	Each pro forma adjustment is keyed to a schedule as shown on Schedule CAS-11-JOP which provides additional detail and support. Schedule Test Year Expense Description Reference Expense Adjustment
CAS-11-JOP CAS-11-JOP CAS-11-JOP CAS-11-JOP	CAS-11-JOP CAS-11-JOP	CAS-11-JOP CAS-11-JOP CAS-11-JOP CAS-11-JOP CAS-11-JOP CAS-11-JOP	CAS-11-JOP CAS-11-JOP CAS-11-JOP CAS-11-JOP CAS-11-JOP CAS-11-JOP CAS-11-JOP	schedule as shown on Schedule Schedule Reference
270,159 101,744 41,352 13,271 426,526	829,105 0 829,105	138,936 188,476 49,104 100,585 387,779 450,280 3,960,716	\$1,313,687 0 455,684 96,091 410 387,654 287,910 76,357 27,763	edule CAS-11-JOP which prov Test Year Expense
71,181 3,671 0 (5,676) 69,176	177,012 0 177,012	(20,637) 8,570 37,413 (1,262) 22,390 (292,721) 312,917	\$84,090 0 54,613 985 (410) 249,931 33,743 149,918 (13,706)	ovides additional detail and support. Pro forma Adjustment Present Ra
341,340 105,415 41,352 7,595 495,702	1,006,117 0 1,006,117	118,299 197,046 86,517 99,323 410,169 4,273,633	\$1,397,777 0 510,297 97,076 0 637,585 321,653 226,275 14,057	ort. Pro forma Present Rates

For the Tes

Missouri Public Service Commission
Company: Missouri-American Water Company
Division: Joplin
Line
No.

41	6	39	8 8	<u>ء</u> د	37	ၓ	35	34	33	32	3	8	29	28	27	26	25	24	23	22	21	20	19	18	17	16	5	4	ಪ	13	=	5	9		7	ισ) თ	4	o N
										29d	29c	29b	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	1	10	9	\ \	Number	Line	200
								Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes		Total Depreciation and Amortization		Amortization	Depreciation		Total Operations and Maintenance		Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	Labor	Description		
								426,526		13,271	41,352	101,744	270,159		829,105		•	829,105		3,960,716		450,280	387,779	100,585	49,104	188,476	138,936	27,763	76,357	287,910	387,654	410	96,091	455,684	-	1,313,687	31-Dec-02	Ended	
								0							0					84,090																\$84,090	Expense	CAS-15 p1 Labor	Schedule
								0							0					33,743										33,743							Expense	Group Ins	Schedule
								0	-						0					149,918									149,918								Expense	CAS-15 p3 Pension	Schedule
								0							0					(4,240)			(4,240)														Ехрепѕе	CAS-15 p4 401K/EIP	Schedule
	-							3,671				3,671			0					0																	Expense	CAS-15 p5 Payroll Taxes	Schedule
								0							0					54,613														54,613			Expense	CAS-15 p6 Fuel & Power	Schedule
								0							0					985													985				Expense	CAS-15 p7 Chemical	Schedule
								0							0					0															0		Expense	CAS-15 p8 Purch Water	Schedule

Case No. WR-2003-XXX Schedule CAS-11-JOP Page 1 of 4

Case No. WR-2003-XXX Schedule CAS-11-JOP Page 2 of 4

No.

Missouri Public Service Commission Company: Missouri-American Water Company Division: Joplin

4 6	39	8	3	3 6	당	34	: S	2	3 2	2 6	<u>ප</u>	29	28	27	26	25	24	23	22	21	20	19	8	17	6	访	4	ದ	12	=	6	ဖ	α	7	· σ	· 01	1 & 4
								29d	282	200	305	29a				28	27				25	21	20	19	18	17	16	5	14	13	12	=	10	9		Number	168 Line
						Total Taxes other than income		Other General Taxes	Gioss Receipts Taxes	Cast Desired T	Dayroll tayon	Property Taxes	Town a de domination of a tributation	Total Depreciation and Amortization		Amortization	Depreciation		Total Operations and Maintenance		Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	Labor	Description	
						0				-				0					(410)												(410)					Expense	CAS-15 p9 Waste Disp.
						0							c						(13,706)								(13,706)									Expense	CAS-15 p10
						0							c						(20,637)							(20,637)										Expense	CAS-15 p11
						0							c						249,931											249,931						Expense	CAS-15 p12
						0							c						37,413					37,413												Expense	CAS-15 p13
						0							c						(5,717)				(5,717)													Expense	CAS-15 p13
						0							0						(21,408)			(21,408)														Expense	Schedule CAS-15 p13
						0								,					0		0															Expense	CAS-15 p14
						0													4,455				4,455													Expense	CAS-15 p15

Missouri Public Service Commission

Company: Missouri-American Water Company Division: Joplin

41	40	39	38	37	36	ၾ	42	జ	8	<u>~</u>	8	29	28	27	26	25	24	23	23	21	20	19	8	17	6	5	14	13	12	=	6	9	∞	7	6	cn ·	c ω 4
									29d	29c	29b	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	= 1	10	9	8	Number	168 Line
							Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes		Total Depreciation and Amortization		Amortization	Depreciation		Total Operations and Maintenance		Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	ı	Description	
							0							0					0			0														Expense	Schedule CAS-15 p16 Transno
							71,181					71,181		0					0																	Expense	Schedule CAS-15 p17 Property Taxes
							(6,060)		(6,060)					0					0																	Expense	Schedule CAS-15 p18
							0							0					(292,721)		(292,721)															Expense	Schedule CAS-15 p19 Tank Painting
							0							0		0			0																	Expense	Schedule CAS-15 p20
							0							0					8,570						8,570											Expense	Schedule CAS-15 p21
							0							0					0						0											Expense	Schedule CAS-15 p21
							0							177,012			177,012		0													,				Expense	Schedule CAS-15 p22
							0							0					12,731			\$12,731														Expense	Schedule CAS-15 p23

Case No. WR-2003-XXX Schedule CAS-11-JOP Page 3 of 4

2 Case No. WR-2003-XXX Schedule CAS-11-JOP Page 4 of 4

Missouri Public Service Commission Company: Missouri-American Water Company Division: Joplin

<u></u>	3	8 8	37	36	ၾ	34	<u> </u>	32	<u> </u>	2 2	26	28	27	26	25	24	23	22	22	20	19	6	17	6	5	14	ಪ	12	: =	: 10	ဖ	0	7	1 0	. cn	4	ω ν
								29d	290	290	298	3			28	27				25	21	20	19	18	17	16	15	14	3	12	1	10	9	0	Number	Line	168
						Total Taxes other than income	THE PARTY OF THE P	Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes		Total Depreciation and Amortization		Amortization	Depreciation		Total Operations and Maintenance		Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	Labor	Description		
						0							0					30,489			\$30,489														Expense	AAO Security	CAS-15 p24
						0							0					4,818			\$4,818														Expense	Relocation	Schedule CAS-15 n25
						384		\$384					0					0																	Expense	Franchise tax	Schedule CAS-15 n26
						0							0					0																	Expense		Schedule
						0							0					0																	Expense		Schedule
																																			Expense		Schedule
						0							0					0																	Expense		Schedule
						69.176		(5,676)	0	3,671	71,181		177,012		0	177.012		312,917		(292,721)	22,390	(1.262)	37,413	8,570	(20,637)	(13,706)	149,918	33,743	249,931	(410)	985	54,613	0	\$84,090	Adjustments	Pata	Drocont
						495.702		Ì	41,352	105,415	341,340		1.006.117		0	1.006.117		4,273,633		Ī	\prod	99.323	86,517	197,046	╗	14,057	226,275	321,653			97,076	510,297	0	\$1,397,777	Expense	Dates	Total Dragget

		For the Test Year Ended December 31, 2002	Proforma State and Federal Income Taxes at Present and Proposed Rates
--	--	---	---

Page 1 of 1	District: Johin
Schedule CAS-12-JOP	Company: Missouri-American Water Company
Case No. WR-2003-XXX	Missouri Public Service Commission

Œ
#
• • •

The Company's federal and state income taxes will be affected by all of the pro forma adjustments made at present and proposed rates.

Proforma adjustment	Per Books Amount / Present Rates	Proforma Income Tax at Present / Proposed Rates	Effective Tax Rate (1)	Taxable Income	Total Addbacks (Deducts)	Addback (Deducts): Tax over Book Depreciation Non-deductible Meals Amortization Preferred Stock Expense Non-deductible Reserve Deficiency	Taxable Income	Interest Expense Deduction	Utility Operating Income Before Income Taxes	
(\$165,590)	142,717	(22,873)	33.1754%	(68,946)	(1,403,032)	(1,406,695) 3,598 65 0	1,334,086	950,762	\$2,284,848	At Present Rates Federal Stat
(\$64,430)	60,836	(3,594)	5.2133%	(68,946)	(1,403,032)	(1,406,695) 3,598 65 0	1,334,086	950,762	\$2,284,848	nt Rates State
\$256,8	(22,873)	233,991	33.1754%	705,316	(1,403,032)	(1,406,695) 3,598 65 0	2,108,3	950,762	\$3,059,1	At Pro Federal
\$256,864 \$40,364	373) (3,594)	991 36,770	5.2133%	316 705,316)32) (1,403,032)	395) (1,406,695) 3,598 3,598 65 65 0	2,108,348 2,108,348	762 950,762	\$3,059,110 \$3,059,110	At Proposed Rates ederal State

⁽¹⁾ Based on a 6.25% statutory rate for SIT and 35% for FIT

Missouri Public Service Commission Company: Missouri-American Water Company District: Joplin Pr Line # Class/ Sales 1 ('000 Gal	Compa	Present Pro Forma Rates Total	Rates Proposed Pro Forma Rates Total Sales To	orma Rates	Case No Schedu	Case No. WR-2003-XXX Schedule CAS-13-JOP Page 1 of 1
	Preser Sales	nt Pro Forma Rates Total	Proposed Pro F Sales	orma Rates		Fage 1 of 1
	Sales	Total	Sales			
	(non 0.5)	ı		Total	Dollar	Percentage
2 Monthly Billing:	(occ Cai)	Revenue	('000 Gal)	Revenue	Change	Change
4 Residential	1,410,932	\$4.163.828	1.410.932	\$4 375 899	\$212 071	5 09%
5 Commercial	947,530	1,624,671	947,530	1,689,161	64,490	3.97%
6 Industrial	1,354,285	1,258,298	1,354,285	1,362,960	104,662	8.32%
7 Other Public Authority		207,001	113,880	199,078	(7.923)	-3.83%
		443,290	334,856	408,036	(35,254)	-7.95%
	333	935	333	935	0	0.00%
	0	196,436	0	196,436	0	0.00%
	0	0	0	448,733	448,733	0.00%
13	4,161,815	7,894,459	4,161,815	8,681,238	\$786,779	9.97%
15 Miscellaneous Revenues:	venues:					
18 Returned Check Charge	harge	1 <i>2,12</i> 0 4.683		12,720 4 683	0	0.00%
	,	148,840		148.840	0 (0.00%
	er Revenue	(397)		(397)	5 6	0.00%
	roperty	0		0	0 (0.00%
23						
24		\$8.060.305		\$8 847 084	796 770	0.760
25		\$0,000,000		\$0,047,00 4	100,119	9.70%
26						
27						
28						
30						
31						
32						
ω ω 4 ω						
35						
36						
37 38						
39						
40						

				12 12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	ember 31, 2002	sed Kates			
Missou	Missouri Public Service Commission Company: Missouri-American Water Company	e Commissio merican Wate	n r Company							Case No. Schedu	Case No. WR-2003-XXX Schedule CAS-14-JOP
			Present Pro Forma Rates	orma Rates			Prop	Proposed Pro Forma Rates	a Rates		rage 1 of /
Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
» N	Residential:	i i	(000 001)		1040100		(ood Cal)	Taic	Neverine	Cilalige	Change
	5/8" Monthly	209.790		\$7.08	\$1 485 316	200 790		\$ 50	¢1 783 918	\$307 aa3	30 06%
	3/4" Monthly	198		9.06	1,791	198		10.90	2.155	364	20.32%
	1" Monthly	24,154		12.84	310,135	24,154		15.40	371,969	61.834	19.94%
	1-1/2" Monthly	17		22.33	375	17		26.80	450	75	20.00%
	2" Monthly	177		33.71	5,973	177		40.50	7,177	1.204	20.16%
	3" Monthly	0		60.24	0	0		72.00	0	0	0.00%
	4" Monthly	0		98.15	0	0		118.00	0	0	0.00%
3 = 3 8 0	6" Monthly	00		192.93	0	0		232.00	0	0	0.00%
	10" Monthly	.		730.03	- -	-		308.UU	o c	o c	0.00%
	12" Monthly	0 (859.27	0 0	5 (1 032 00	-	> C	0.00%
ते जे					,	,			(¢	0.00
	Volumetric Charges:	jes:									
	First Block		1,363,606	\$1.7029	2,322,085		1,363,606	\$1.5670	2.136.771	(185.314)	-7.98%
	Second Block		25,601	0.9540	24,424		25,601	1.5670	40,117	15,693	64.25%
	I hird Block		12,303	0.7363	9,059		12,303	1.5670	19,279	10,220	112.82%
) ²	Fourth Block FAI 's and Credits	o	9,421	0.4957	4,670		9,421	1.5670	14,763	10,093	216.12%
	Reconcile to Books	iks '	(ď		c		c	- -	0.00%
	Total		1,410,932		\$4,163,828		1.410.932	ı	\$4 375 899	\$212 071	5,00%
				H		_		H		11,00	0.007
27											
28											
29											
. 8											
₩ <u>-</u>											
33											
34											
3 S											
2 တိ											
37											
သူ မွ											
2 6											
											_

Missouri Public Service Communy: Nationary Marchany Mar					12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	12 Month Test Period Ended December 31, 2002)			
Description Present Pro Forma Rales Dollar Proposed Total Dollar Percentals Dollar Percental	Missou	ıri Public Servic ıny: Missouri-Aı ı- Lonlio	e Commissic merican Wate	on Pr Company							Case No Schedu	WR-2003-XXX
Classory Customer				Present Pro F	orma Rates			Prop	osed Pro Form	a Rates		Page 2 of /
Commercial: Color Gal) Favernue Commercial: Commercial: Color Gal) Favernue Commercial: Color Gal) Favernue Commercial: Commercial: Color Gal) Favernue Color Gal) F	Line #	Class/	Customer	2)	4	Customer					
Minimum Chamby 55145 \$7.06 \$185,103 25,145 \$8.50 \$222,228 \$37,125 36° Monthly 162 9.06 1,488 25,145 \$8.50 \$222,228 \$37,125 34° Monthly 6,223 12,84 79,903 6,223 14,498 15,991 1-1/2* Monthly 0 60,24 79,903 6,223 14,498 399 2 Monthly 10 0 60,24 74,498 3,396 40,50 135,838 39,93 2 Monthly 114 98,15 11,189 14 180,00 13,752 2,887 3 Monthly 10 98,15 11,189 14 180,00 13,752 2,983 2 Monthly 14 98,15 11,149 88 122,93 13,119 88 222,03 18,162 2,223 3 Monthly 4 306,65 1,227 4 380,00 1,577 2,587 5 Monthly 4 30,65 1,23,23 13,119	_	Description	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Proposed	l otal Revenie	Dollar	Percentage
Second Block Seco		Commercial:	- 1				o d	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				Cidigo
3d- Monthly 16,23 14 Monthly 16,23 14 Monthly 16,23 11 Monthly 16,23 11 Monthly 16,23 11 Monthly 16,23 11 Monthly 17 210 22 33 1,489 23 Monthly 210 22 Monthly 210 24 Monthly 210 27 Monthly 210 27 Monthly 210 28 Monthly 210 27 Monthly 210 28 Monthly 210 27 Monthly 210 28 Monthly 210 28 Monthly 210 29 Monthly 210 27 Monthly 210 28 Monthly 210	-					•						
Thornity 6.223 12.44 79.903 6.223 15.40 15.20 15.40 15.20 11.476 29.8 11.476 11.476 29.8 11.476 29.8 21.0 2.3 15.40 29.8 21.0 2.3 23.3 21.0 21.0 2.3 23.3 21.0 21.0 2.3 23.3 23.3 24.0 2.3 23.3 24.0 2.3 23.3 24.0 2.3 23.3 24.0 2.3 23.3 24.0 2.3 23.3 24.0 2.3 23.3 24.0 2.3 23.3 24.0 2.3 23.3 24.0 2.3 23.0 24.0 2.0 24.0 24.0 24.0 24.0 24.0 24.		5/8" Monthly	26,145		\$7.08	\$185,103	26,145		\$8.50	\$222,228	\$37,125	20.06%
Monthly 223 1284 79,903 6,223 15,40 95,834 15,931 1-1/27 Monthly 210 22,33 4,689 210 26,80 5,6228 93,939 27 Monthly 114 90 33,96 40,50 137,538 23,059 37 Monthly 114 98,15 11,189 114 116,00 13,452 22,263 27 Monthly 114 98,15 11,189 114 116,00 13,452 22,263 27 Monthly 114 192,233 13,119 68 22,200 13,472 24,571 12,479 12		o/4 Monthly	162		9.06	1,468	162		10.90	1,766	298	20.30%
2 Monthly 3,396 221, 14,469 210 210 20,800 30,228 399 27 Monthly 3,396 60,24 0,502 399 40,501 31,7538 23,058 42 Monthly 114 98.15 11,189 114 118,00 15,728 22,263 67 Monthly 68 192.83 13,119 68 223,00 15,776 2,657 67 Monthly 68 192.83 13,119 68 223,00 15,776 2,657 67 Monthly 0 859.27 0 0 0 10,032,00 0 0 14,772 245 12*Monthly 0 859.27 0 0 0 1,032,00 0 0 0 12*Monthly 0 859.27 0 0 0 1,032,00 0 0 0 1,032,00 0 0 0 1,032,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1" Monthly	6,223	•	12.84	79,903	6,223		15.40	95,834	15,931	19.94%
Z Monthly 3.96 33.71 114.479 3.96 40.50 127.538 23.059 3" Monthly 114 98.15 11.189 114 118.00 72.00 0 0 6" Monthly 64 198.15 11.189 114 118.00 13.452 2.263 6" Monthly 69 192.93 13.119 68 232.00 15.776 2.657 10" Monthly 4 306.65 1.227 4 368.00 1.472 245 10" Monthly 0 852.92 0 0 0 625.00 0 1.472 245 12" Monthly 0 852.92 0 0 1.032.00 0 0 0 12" Monthly 0 852.92 0 0 1.032.00 0 0 0 12" Monthly 0 852.92 72.00 0 1.032.00 0 0 0 12" Monthly 0 852.32 724.619 489.328 \$1.5670 735.437 (59.182) 12" Monthly 0 1.732.0 378.893 0.9620 354.495 5.115 12" Monthly 0 1.410 0.9620 53.106 5.165		1-1/2" Monthly	210		22.33	4,689	210		26.80	5,628	939	20.03%
A' Monthly 114 98.15 11.189 114 18.00 13.452 2.263 27 Monthly 114 98.15 11.189 114 18.00 13.452 2.263 27 Monthly 68 132.93 13.119 68 232.00 15.776 2.657 27 67 Monthly 0 520.92 0 0 225.00 10 15.776 2.657 10 Monthly 0 520.92 0 0 225.00 10 12.7 Monthly 0 859.27 0 0 0 225.00 0 0 12.7 Monthly 0 859.27 0 0 0 10.032.00 0 0 0 10.032.00 0 0 12.7 Monthly 0 859.27 0 0 0 10.032.00 0 0 0 10.032.00 0 0 0 12.7 Monthly 0 859.27 0 0 0 10.032.00 0 0 0 0 10.032.00 0 0 0 10.032.00 0 0 0 0 10.032.00 0 0 0 0 0 10.032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2" Monthly	3,396		33.71	114,479	3,396		40.50	137,538	23,059	20.14%
4" Monthly 114 98.15 11,189 114 118.00 13.452 22,263 6" Monthly 48 308.65 1,227 4 386.00 14.72 2,657 6" Monthly 4 308.65 1,227 4 380.00 14.72 2,45 10" Monthly 0 520.92 0 0 625.00 0 0 2245 10" Monthly 0 859.27 0 0 1,032.00 0 0 0 12" Monthly 0 859.27 0 0 1,032.00 0 0 0 12" Monthly 0 859.27 0 0 1,032.00 0 0 0 12" Monthly 0 859.27 0 0 1,032.00 0 0 0 12" Monthly 0 859.328 \$1,6831 794.619 489.328 \$1,5570 735,437 (59,182) 12" Monthly 489,328 \$1,6831 794.619 489,328 \$1,5570 735,437 (59,182) 12" Monthly 489,328 \$1,6831 794.619 489,328 \$1,5570 735,437 (59,182) 12" Monthly 489,328 \$1,6831 794.619 <		3" Monthly	0		60.24	0	0		72.00	0	0	0.00%
8° Monthly 68 192.93 13.119 68 232.00 15.776 2.657 8° Monthly 0 306.65 12.27 4 386.00 1.472 245 10° Monthly 0 520.92 0 0 625.00 10 1.472 245 10° Monthly 0 889.27 0 0 1,032.00 0 1,032.00 0 0 12° Monthly 0 889.27 0 0 1,032.00 0 0 1,032.00 0 0 12° Monthly 0 889.27 0 0 1,032.00 0 0 0 1,032.00 0 0 0 12° Monthly 0 889.27 0 0 0 1,032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4" Monthly	114		98.15	11,189	114		118.00	13,452	2,263	20.23%
10° Monthly 0 520,30 1,227 0 0 625,00 1,472 245 10° Monthly 0 859,27 0 0 0 1,032,00 0 0 12° Monthly 0 859,27 0 0 0 1,032,00 0 0 12° Monthly 0 859,27 0 0 0 1,032,00 0 0 12° Monthly 0 859,27 0 0 0 12° Monthly 0 859,27 0 0 0 12° Monthly 0 859,27 0		6" Monthly	68		192.93	13,119	68		232.00	15,776	2,657	20.25%
Volumetric Charges: Frist Block Second Block Third Block FAL's and Credits Total 947,530 947,530 Volumetric Charges: 469,328 \$1,6931 794,619 469,328 \$1,6931 794,619 469,328 \$1,5970 735,437 469,328 \$1,5970 735,437 794,619 469,328 \$1,5970 378,893		10" Monthly	4 C		500.00	1,227	4 (368.00	1,472	245	19.97%
Volumetric Charges: 469,328 \$1,6931 794,619 469,328 \$1,5670 735,437 (59,182) First Block 469,328 \$1,6931 794,619 469,328 \$1,5670 735,437 (59,182) Third Block 44,106 0,7320 32,885 44,106 0,9620 364,495 5,115 Fourth Block 55,203 0,4929 37,210 55,203 0,9620 34,249 10,144 FAL's and Credits 0		12" Monthly	-		26.032	o c	o c		625.00	0	. 0	0.00%
Volumetric Charges: 469,328 \$1,6931 794,619 469,328 \$1,5670 735,437 (59,182) First Block 378,893 0,9485 39,380 378,893 0,9620 394,495 5,115 Third Block 44,106 0,7320 32,285 44,106 0,9620 42,429 10,144 Fourth Block 55,203 0,4929 27,210 55,203 0,9620 53,106 25,896 FAL's and Credits 0 0 0 0 0 0 0 Reconcile to Books 947,530 \$1,624,671 947,530 \$1,689,161 \$64,490 \$64,490 \$64,490		•				ć	c		1,032.00	c	c	0.00%
First Block Second Block 378,938 0,9485 378,938 0,9820 378,893 0,9820 364,495 5,115 Third Block 44,106 0,7320 32,285 44,106 0,0820 42,425 10,144 Fourth Block 55,203 0,4929 27,210 55,203 0,9820 53,106 25,896 FAL's and Credits 0 Books 947,530 \$1,824,671 947,530 \$1,889,161 \$864,490 \$0 Total		Volumetric Char	des:									
Second Block 378,893 0.9485 359,380 378,893 0.9620 364,495 Third Block 44,106 0.7320 32,285 44,106 0.9620 42,429 10,144 Fourth Block 55,203 0.4929 27,210 55,203 0.9620 53,106 25,896 Reconcile to Books 947,530 \$1,624,671 947,530 \$1,689,161 \$864,490 \$1,044 \$1,060		First Block		469,328	\$1.6931	794,619		469.328	\$1.5670	735 437	(59 182)	-7 45%
Third Block Fourth Block Fourth Block Fourth Block FAL's and Credits FAL's and Credits Fourth Block FAL's and Credits FA		Second Block		378,893	0.9485	359,380		378,893	0.9620	364,495	5 115	1 42%
Fourth Block 55,203 0.4929 27,210 55,203 0.9620 53,106 25,896 PAL's and Credits 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Third Block		44,106	0.7320	32,285		44,106	0.9620	42,429	10.144	31.42%
FAL's and Credits 0 0 0 0 0 0 0 Reconcile to Books 947,530 \$1,624,671 947,530 \$1,689,161 \$64,490		Fourth Block		55,203	0.4929	27,210		55,203	0.9620	53,106	25,896	95.17%
Reconcile to Books 947,530 \$1,624,671 947,530 \$1,689,161 \$64,490 \$1,689,161		FAL's and Credit	Ċ	0		0		0		0	0	0.00%
Total 947,530 \$1,624,671 947,530 \$1,689,161 \$64,490		Reconcile to Boo	жs		ı					,	0 (0.00%
		Total		947,530		\$1,624,671		947,530	ı	\$1,689,161	\$64.490	3.97%
26 27 28 29 30 31 31 32 33 34 35 36 36 37	25								ı			
27 28 29 30 31 31 32 33 34 35 36 37 38	26											
28 29 30 30 31 31 32 33 34 34 35 36 37 38	27											
29 30 31 31 32 33 34 34 35 36 37 38	28											
31 32 33 34 35 36 36 37 38 39	3 6											
32 33 34 36 37 38 39	<u>ب</u> د											
33 34 35 36 37 38 39	3 3											
34 35 36 37 38 39 40	္တ											
35 36 37 38 39 40	<u>3</u> 2											
36 37 38 39 40	<u>ვ</u>											
37 38 39 40	36											
38 39 40	37											
39	38											
40	39											
	40											

Property Alliscont American Weber Company Proposed Pro	Missouri Public Servi	ce Commissio	3	16	iz monun lest renou Ended December 31, 2002	וסמ בוומפט ספט	eniber 31, zvvz				
Class/ Description Customer Meter Sales Sales Customer Customer Customer Sales Customer Proposed Pro Forma Rates Customer Meter Customer Sales Customer Proposed Pro Forma Rates Indial Meter Customer Sales Customer Proposed Total Indial Meter Customer Sales Customer Proposed Total Indial Indianum Customer Customer Sales Proposed Pro Forma Rates Indial Indianum Customer Indianum Customer Sales Customer Sales Proposed Total Indianum Customer 56° Monthly 24 27 12.84 2.94 22 15.40 3.111 2° Monthly 192 80.24 233 536 24 28.80 48.01 3.111 3° Monthly 192 80.24 233 536 24 28.80 48.02 28.80 68.81 3.111 4° Monthly 192 80.24 28.23 13.891 72 282.00 17.294 22.266 18.40 28.13 13.891 72 282.00 17.294 19.40 28.13 18.81 18.266 2.48	Company: Missouri-A	ce confinission merican Wate	r Company							Case No Schedi	Case No. WR-2003-XXX Schedule CAS-14-JOP
Class/ Customer Cu			Present Pro F	orma Rates			Prop	osed Pro Form	a Rates		- age o of a
Initigatirals: Initigation Charge: 58° Monthly 24 57.08 \$7.65 108 \$3.50 \$9.18 58° Monthly 24 9.06 277 24 10.90 282 1-1/2" Monthly 22 12.33 536 24 29.06 24 2" Monthly 42 22.33 536 24 29.05 17.294 2" Monthly 42 22.33 536 24 29.05 17.294 4" Monthly 192 98.15 18.945 192 116.00 22.656 6" Monthly 7 192.33 13.891 72 232.00 16.704 6" Monthly 8 306.55 2.433 8 386.00 2.944 10" Monthly 0 859.27 0 0 625.00 2.944 10" Monthly 0 859.27 0 0 625.00 2.944 10" Monthly 0 859.27 0 0 625.00 2.94		Customer Meter Billings	Sales ('000 Gal)	Current Rate	Total Revenue	Customer Meter Billings		Proposed	Total	Dollar	Percentage
58" Hundrithy 108 \$7.08 \$7.65 108 \$3.50 \$9.18 304" Monthly 24 9.06 217 24 10.90 282 1" Monthly 24 22.33 256 24 20.24 15.40 3.111 1-1/2" Monthly 427 33.71 14.394 427 40.50 17.294 4" Monthly 192 98.15 18.845 192 72.00 10.00 4" Monthly 7 38.15 18.845 192 72.00 10.00 4" Monthly 7 30.65 2.453 3.811 72 385.00 118.00 8" Monthly 7 30.65 2.453 1.881 72 385.00 2.246 10" Monthly 0 859.27 0 0 655.00 2.244 10" Monthly 0 859.27 0 0 1.032.00 0 12" Monthly 0 859.27 0 0 1.032.00 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>9</td><td>(000 Cai)</td><td>, and</td><td>Ivoverine</td><td>Ciaiga</td><td>Claige</td></t<>						9	(000 Cai)	, and	Ivoverine	Ciaiga	Claige
104" Monthly 202 12.84 203 204 10.90 204 10.90 205 2				80 23	e765	100		2 0	9	9 1	
Ti Monthly 202 1284 2.544 202 15.40 3.111 1-112 Monthly 24 2.233 536 24 202 15.40 3.111 1-112 Monthly 427 32.33 536 24 427 40.50 17.294 27 Monthly 427 40.50 17.294 27 40.001h) 427 427 40.50 17.294 27 40.001h) 427 427 40.50 17.294 27 40.001h) 427 427 42.20 42		24		97.00 0.08	\$/65 317	108 34		\$8.50	\$918	\$153	20.00%
1-1/2" Monthly		202 202		12.84	2 594	202		15.40	3 111	£45	20.74%
2º Monthly 427 33.71 14.394 427 40.50 17.294 3º Monthly 192 98.15 18.845 192 118.00 22.656 4º Monthly 72 98.15 18.845 192 118.00 22.656 6º Monthly 8 306.65 2.433 8 8 38.00 16.704 10º Monthly 0 520.92 2.433 8 8 38.00 2.944 10º Monthly 0 859.27 0 0 0 22.00 0 12º Monthly 0 859.27 0 0 0 1.032.00 0 12º Monthly 0 859.27 0 0 0 0 1.032.00 0 12º Monthly 0 859.27 0 0 0 0 1.032.00 0 12º Monthly 0 859.27 0 0 0 0 1.032.00 0 12º Monthly 0 859.27 0 0 0 0 1.032.00 0 12º Monthly 0 859.27 0 0 0 0 1.032.00 0 12º Monthly 0 859.27 0 0 0 0 1.032.00 0 12º Monthly 0 859.27 0 0 0 0 1.032.00 0 12º Monthly 0 859.27 0 0 0 0 0 0 1.032.00 0 12º Monthly 0 859.27 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		24		22.33	536 -	24		08.30	ر. د د	107	10 06%
3" Monthly 192 60.24 0 72.00 0 4" Monthly 192 98.15 18,945 192 182.00 16.704 172 192.93 13,891 72 282.00 16.704 10" Monthly 0 520.92 0 0 0 259.41 10" Monthly 0 6520.92 0 0 0 259.41 10" Monthly 0 6520.92 0 0 0 12" Monthly 0 659.27 0 0 0 12" Monthly 0 659.27 0 0 0 12" Monthly 0 659.27 0 0 0 1.032.00 0 12" Monthly 0 659.27 0 0 0 1.032.00 0 0 12" Monthly 0 659.27 0 0 0 1.032.00 0 0 12" Monthly 0 659.27 0 0 0 1.032.00 0 0 12" Monthly 0 659.27 0 0 0 1.032.00 0 0 12" Monthly 0 659.27 0 0 0 1.032.00 0 0 12" Monthly 0 659.27 0 0 0 1.032.00 0 0 12" Monthly 0 659.27 0 0 0 1.032.00 0 0 1.032.00 0 0 12" Monthly 0 659.27 102.579		427		33.71	14.394	427		40.50	17.294	2 900	20 15%
# Monthly 192 98.15 18,845 192 218.00 22,666 cm Monthly 72 192.00 13,891 72 232.00 16,704 8 Monthly 8 306.65 24,453 8 368.00 2,944 10° Monthly 0 859.92 0 0 0 625.00 0 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 12° Monthly		0		60.24	0	ə [!]		72 00	; ; ;	0 0	
or Monthly 8 (a) Monthly 8 (a) Monthly 10" Monthl		192		98.15	18.845	192		118.00	22 656	3 811	20.00% %00.00%
8° Monthly 8 306.65 2,433 8 368.00 2,944 10° Monthly 0 520.92 0 0 625.00 0 12° Monthly 0 859.27 0 0 625.00 0 12° Monthly 0 859.27 0 0 1,032.00 0 Volumetric Charges: 48,042 \$1.5670 0 1,032.00 0 First Block 48,042 \$1.5670 75.282 Scond Block 335,876 1.1961 401,741 335,876 1.4000 470,226 Fourth Block 771,496 0.6216 479,562 771,496 0.6660 513,816 Reconcile to Books 1,354,285 \$1,258,298 1,354,285 \$1,362,960 \$1,362,960 Total 1,354,285 \$1,258,298 1,354,285 \$1,362,960 \$1,362,960 \$1,362,960		72		192.93	13,891	72		232.00	16,704	2,813	20.25%
10 Monthly 0 520.92 0 0 0 625.00 0 0 1 1 1 1 1 1 1		8		306.65	2,453	8		368.00	2,944	491	20.02%
Volumetric Charges: 48,042 \$2,1352 102,579 48,042 \$1,5570 75,282 First Block 335,876 1,1961 401,741 335,876 1,4000 470,226 Furth Block 200,212 0,9231 184,816 200,212 1,0000 200,212 Furth Block 771,496 0,6216 479,562 771,496 0,660 513,816 FAL's and Credits (1,340) 35,905 (1,340) 38,892 Total 1,354,285 \$1,258,298 1,354,285 \$1,362,960 \$1,362,960		0		520.92	0	0		625.00	0	0	0.00%
Volumetric Charges: 48,042 \$2,1352 102,579 48,042 \$1,5670 75,282 Second Block 335,876 1.1961 401,741 335,876 1,4000 470,226 Third Block 200,212 0.9231 184,816 200,212 1,0000 200,212 Fourth Block 71,496 0.6216 479,562 771,496 0.6660 513,816 FAL's and Credits (1,340) 35,905 (1,340) 38,892 Total 1,354,285 \$1,258,298 1,354,285 \$1,362,960 \$1,362,960		c		859.27	c	0		1,032.00	0	0	0.00%
First Block 48,042 \$2.1352 102,579 48,042 \$1.5670 75,282 Second Block 335,876 1.1961 401,741 335,876 1.4000 470,226 Third Block 771,496 0.9231 184,816 200,212 1.0000 200,212 FAL's and Credits (1,340) 35,905 (1,340) 38,892 Total 1,354,285 1,354,285 31,35		des:									
Second Block 335,876 1.1961 401,741 335,876 1.4000 470,226 Third Block 700,212 0.9231 184,816 200,212 1.0000 200,212 Fourth Block 771,496 0.6216 479,562 771,496 0.6600 513,816 FAL's and Credits (1,340) 35,905 (1,340) 38,892 Reconcile to Books 1,354,285 \$1,258,298 1,354,285 \$1,362,960 \$1,362,960 Total 1,354,285 \$1,362,960 \$1,362,960 \$1,362,960 \$1,362,960			48,042	\$2.1352	102,579		48,042	\$1.5670	75.282	(27.297)	-26.61%
Third Block 7/1,496 0.9231 184,816 200,212 1.000 200,212 Fourth Block 7/1,496 0.6216 479,592 771,496 0.6660 513,816 FAL's and Credits (1,340) 35,905 (1,340) 38,892 Total 1,354,285 1,354,			335,876	1.1961	401,741		335,876	1.4000	470.226	68.485	17.05%
Fourth Block 771,496 0.6216 479,562 771,496 0.6660 513,816 FAL's and Credits (1,340) 35,905 (1,340) 38,892 Total 1,354,285 1,3			200,212	0.9231	184,816		200,212	1.0000	200,212	15,396	8.33%
Total (1,340) 35,905 (1,340) 38,892 Total (1,340) 35,905 (1,340) 38,892 \$1,354,285 \$1,362,960 \$10 \$10 Deciris (1,340) 38,892		5	771,496	0.6216	479,562		771,496	0.6660	513,816	34,254	7.14%
Total 1,354,285 \$1,362,960 \$1,362,960		oks T	(1,340)		35,905		(1,340)		38,892	2,987	8.32% 0.00%
\$1,302,960 \$1,302,960		Ö	1 267 126	ı	9 000		2000	1	*	0	0.00%
26 27 28 29 30 30 31 31 31 32 33 33 34 35 36 36 37			1,354,285	fi	\$1,258,298		1,354,285	II	\$1,362,960	\$104,662	8.32%
27 28 29 30 30 31 31 32 33 33 34 35 36 37	26										
28 29 30 31 31 32 33 34 35 36 37	27										
30 31 31 31 32 33 34 35 36 37	28 28										
31 32 33 34 34 35 36 37 37	3 E										
32 33 34 35 36 37 38	31										
33 34 35 36 37 37	32										
35 36 37 38	: ස :										
36 36 37 38	4 2										
37 38 39 39	3 G										
38	37										
39	38										
	39										

Case No. WR-20 Schedule CAS Proposed Total Dollar Page Schedule CAS Proposed Total Rate Revenue Change					12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	12 Month Test Period Ended December 31, 2002	2			
Classor Present Pro Forms Rates Proposed P	Missou	ıri Public Servic ıny: Missouri-Aı	e Commissio merican Water	n Company							Case No. Schedu	WR-2003-XXX
Classicy Description Customer Meter Color Sales Current Total Billings Customer Patric Authority Customer Patric Patr		: 007		Present Pro F	orma Rates			Prop	osed Pro Form	a Rafes		Page 4 or /
Cher Public Authority: Billings (7000 Ga) Rate Revenue Billings (7000 Ga) Rate Revenue Change Minimum Chranzes: 567 Monthly 34 9.08 33.151 445 \$8.50 \$3.783 \$852 347 Monthly 59 1.284 7.178 599 15.40 8.00 371 633 1-1.12 Monthly 612 22.33 804 599 15.40 8.009 965 161 2 Monthly 612 33.71 20.631 612 40.50 24.786 4.143 2 Monthly 48 98.15 4.711 48 118.00 5.664 983 2 Monthly 0 122.93 0 0 222.00 0 983 10 Monthly 0 520.92 14.719 48 118.00 5.664 983 2 Monthly 0 520.92 14.719 43 985.00 17.864 2.945 10 Monthly 0 520.9	Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar Tollar	Dercentage
Maintain Clarate Sign Marthly 445 \$7,08 \$3,151 445 \$82,50 \$3,783 \$632 3d° Monthly 559 445 9,06 3,08 34 10,90 371 63 1** Monthly 559 12,24 7,178 559 115,40 86,90 1,431 1-1/2 Monthly 612 22,33 804 36 26,80 98,51 14,31 2** Monthly 612 33,71 20,631 612 72,00 24,786 4,155 3** Monthly 40 98,15 4,711 48 172,00 50,4786 4,155 4** Monthly 40 98,15 4,711 48 172,00 50,4786 4,155 5** Monthly 40 98,15 4,711 48 172,00 50,4786 4,155 6** Monthly 40 98,15 4,719 48 368,00 17,664 9,53 6** Monthly 40 306,65 14,719 48 368,00 17,664 2,945 12* Monthly 40 52,90 0 625,00 17,664 2,945 12* Monthly 40 52,90 0 625,00 17,764 2,945 12* Mo			Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Soft Monthly 445 \$7.08 \$3.151 445 \$3.783 \$632 304* Monthly 34 39.06 30.8 33.151 445 \$3.50 \$3.783 \$632 1* Monthly 59 12.24 7.178 559 15.40 8.60 1.331 1* Monthly 36 22.33 80.4 35 25.80 26.80 965 161 2* Monthly 612 33.71 20.631 612 40.50 24.86 4,155 3** Monthly 48 96.15 4.711 48 72.00 5.64 963 4* Monthly 48 96.15 4.711 48 72.00 5.64 963 5* Monthly 48 96.15 4.719 48 232.00 7.64 2.945 10* Monthly 0 185.92 14.719 48 328.00 17.664 2.945 10* Monthly 0 850.92 10 0 10.220 0 0 <t< td=""><td></td><td>Other Public Au</td><td>thority:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		Other Public Au	thority:									
Soft Manthly 445 \$7,00 \$3,151 445 \$82,00 \$3,733 \$83,22 3" Monthly 559 12,64 7,178 559 15,40 80,91 15,40 80,91 15,40 86,99 1,431 15,20 15,40 86,99 1,431 15,20 15,40 86,99 1,431 15,20 27,20 86,99 1,431 15,20 27,200 15,40 86,99 1,431 12,20 10,20 20,21 20,00 10,20 20,20 20,00 10,20 20,20 20,00 20,00 40,00 20,00 20,00 40,00 20,00 40,00 20,00 40,00 20,00 40,00 20,00 40,00 20,00 40,00 20,00 40,00 20,00 40,00 20,00 40,00 20,00 40,00 20,00 40,00 20,00 40,00 20,00 40,00 20,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00 40,00		Minimum Charge	liv.									
304* Monthly 549 12,94 7,1718 559 12,94 7,1718 559 12,94 7,1718 559 12,94 7,1718 559 12,94 7,1718 559 12,94 7,1718 559 12,94 7,1718 559 12,94 7,1718 559 12,94 7,1718 559 12,94 7,1718 12,94 7,1718 12,94 7,1719 12,94 7,1719 12,94 7,1719 12,94 7,1719 12,94 7,1719 12,94 7,1719 12,94 7,1719 12,94 7,1719 12,94 7,1719 12,94 7,1719 12,94 7,1719 12,94 7,1719 12,94 7,1719 13,9		5/8" Monthly			\$7.08	\$3,151	445		\$8.50	\$3,783	\$632	20.06%
Total Twominy 559 12.84 7,178 559 15.40 8,699 1,431 1-1/27 Monthly 36 22.33 804 36 22.80 15.00 8,696 1,431 1-1/27 Monthly 612 33.71 20,681 612 40.50 24,786 4,155 3* Monthly 48 60.24 20,681 40.0 10 27,000 10 10 10 10 10 10 10 10 10 10 10 10		3/4" Monthly	34		9.06	308	34		10.90	371	63	20.45%
Tricz mortinity 612 23.33 804 36 22.40 965 161 2 33.74 contitity 612 33.71 20.831 612 40.50 965 41.76 41 40.72 40.75 41.		1" Monthly	559		12.84	7,178	559		15.40	8,609	1,431	19.94%
2 Monthly 012 33.71 20,631 612 40,50 24,786 4,155 are from the block 113,890 12,305 61,207,001 10,382 01 1	_	1-1/2 Monthly	30		22.33	804	36		26.80	965	161	20.02%
A monthly 4 9 90.24 0 0 72.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		z Monthly	612		33.71	20,631	612		40.50	24,786	4,155	20.14%
Friedrick 1900k Foundthly 48 306.65 14,719 48 388.00 17,864 2,945 10* Monthly 48 306.65 14,719 48 388.00 17,664 2,945 10* Monthly 0 859.27 0 0 0 1,052.00 0 0 12* Monthly 0 859.27 0 0 0 1,052.00 0 0 0 1,052.00 0 0 12* Monthly 0 859.27 0 0 0 1,052.00 0 0 0 1,052.00 0 0 0 1,052.00 0 0 0 0 1,052.00 0 0 0 0 0 1,052.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4" Monthly	48 c		60.24 00 45	, 7,1 C	, C		72.00	1 0) 0	0.00%
## Monthly 48 306.65 14.719 48 265.00 17,664 2.945 10" Monthly 0 859.27 0 0 0 1,032.00 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 1 1,032.00 0 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		6" Monthly	0 0		192 93		- t		333.00	3,00 4	933	0.23%
10° Monthly 0 520.92 0 0 625.00 0 1,000 12° Monthly 0 859.27 0 0 1,032.00 0 0 0 Volumetric Charges: 45,806 \$1,8663 85,487 45,806 \$1,5870 71,777 (13,710) 5800 First Block 45,806 \$1,0455 87,297 45,806 \$1,5870 71,777 (13,710) 77 Fourth Block 30,36 0.9620 2,449 3,036 0.9620 61,922 472 FAL's and Credits (149) (149) (179) (149) (149) (172) 7 Reconcile to Books 113,880 \$207,001 113,880 \$199,078 \$199,078 (\$7,923)		8" Monthly	48		306.65	14.719	48		368.00	17 864	٥ ماير	20.00%
Volumetric Charges: 45,806 \$1,8663 85,487 45,806 \$1,5670 71,777 (13,710) First Block 64,388 1,0455 67,297 64,388 0,9620 61,922 (5,375) Second Block 3,036 0,8068 2,449 3,036 0,9620 61,922 (5,375) Fourth Block 819 0,5433 445 819 0,9620 2,921 472 FAL's and Creditis (149) (179) (149) 0,9620 788 343 Reconcile to Books 113,880 \$207,001 113,880 \$199,078 (\$7,923) Total 113,880 \$199,078 (\$7,923) (\$7,923)		10" Monthly	0		520.92	0	0 :		625.00	0	0	0.00%
Volumetric Charges: 45,806 \$1,8683 85,487 45,806 \$1,5670 71,777 (13,710) -1,777 First Block 64,388 1,0455 67,297 64,388 0,9620 61,922 (5,375) Second Block 3,036 0,8086 2,449 3,036 0,9620 2,921 472 Fourth Block 819 0,5433 445 819 0,9620 788 343 FAL's and Credits (149) (179) (149) 0,9620 788 343 Fall Samuration of Palace of		12" Monthly	0		859.27	0	0		1,032.00	0	0	0.00%
Volumetric Charges: 45,806 \$1,8663 85,487 45,806 \$1,5670 71,777 (13,710) - First Block 64,368 1,0455 67,287 64,368 0.9620 61,922 (5,375) Third Block 3,036 0,8608 2,449 3,036 0,9620 2,921 472 Fourth Block 819 0,5433 445 819 0,9620 2,921 472 FAL's and Credits (149) (149) (149) (149) 0,9620 788 343 Reconcile to Books 113,880 \$207,001 113,880 \$199,078 (57,923) (57,923)	66											
First Block Scond Block St.8663 45,806 \$1,8663 85,487 45,806 \$1,5670 71,777 (13,710) - Second Block St.867 46,388 1,0455 67,297 64,368 0,9620 61,922 (5,375) - Fourth Block Fulls and Credits RAL's and Credits (149) (149) (179) (179) (149) (172) 7 Reconcile to Books Total 113,880 \$207,001 113,880 \$199,078 (172) 7 Total 113,880 113,880 \$199,078 (\$7,923) (\$7,923) (\$7,923)		Volumetric Charg	es:									
Second Block 64,368 1.0455 67,297 64,368 0.9620 61,922 (5,375) Third Block 3,036 0.8068 2,449 3,036 0.9620 2,921 472 Fourth Block 819 0.5433 445 819 0.9620 788 343 FAL's and Credits (149) (179) (149) (149) 70 Reconcile to Books 113,880 \$207,001 113,880 \$199,078 (\$7,923) (\$7,923)		First Block		45,806	\$1.8663	85,487		45,806	\$1.5670	71.777	(13.710)	-16.04%
Third Block 3,036 0,8068 2,449 3,036 0,9620 2,921 472 472 473 475 819 0,5433 445 819 0,9620 788 343 475 Reconcile to Books Total 113,880		Second Block		64,368	1.0455	67,297		64,368	0.9620	61,922	(5,375)	-7.99%
Fourth Block 819 0.5433 445 819 0.9620 788 343 FAL's and Creditis (149) (179) (149) (179) (149) 7 Reconcile to Books 113,880 \$207,001 113,880 \$199,078 (\$7,923)		I hird Block		3,036	0.8068	2,449		3,036	0.9620	2,921	472	19.27%
Total (149) (179) (149) (172) 7 Total (13,880) (\$207,001 113,880 (\$7,923) (\$7,923)		Fourth Block	i .	819	0.5433	445		819	0.9620	788	343	77.08%
Total 113,880 \$207,001 113,880 \$199,078 (\$7,923)		Reconcile to Boo	iks '	(641)		(611)		(6#1)		(271)	> ~	-3.91%
		Total		113,880	1	\$207.001		113.880		\$199.078	(\$7 923)	-3 83%
26 27 28 29 30 31 31 32 33 34 35 36 36 37	25				ı				n	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.000
27 28 29 30 31 31 32 33 34 35 36 38 39	26											
29 30 31 31 32 33 34 35 36 37	27											
30 31 32 33 34 35 36 37 38	2 6											
31 32 33 34 35 36 37 38	30											
32 33 34 35 36 37 37 38	3											
34 35 36 37 38 39	 8 %											
35 36 37 38 39	<u>ب</u>											
36 37 38 39	ည္ .											
37 38 39 40	36											
38 39 40	37											
39 40	38											
40	39											
	\$											

Scale No. WR-20 Schedule CAS Proposed Total Proposed Rate Revenue Change Chang	:				12 Month Test Period Ended December 31, 2002	12 Month Test Period Ended December 31, 2002	iod Ended Dec	ember 31, 2002				
Costomer Present Pro Forma Rates Customer Custome	Missour Compar District:	1 Public Service 1y: Missouri-Arr 1 Ionlin	e Commission nerican Water	n Company							Case No. Schedu	WR-2003-XXX
Classor Customert Condition Customert Condition Customert Condition Customert Condition				Present Pro F	orma Rates			Prop	osed Pro Form	a Rates		rage 5 of 7
Other Water Utilities: Color of Sal) Rate Revenue Billings (000 Gal) Rate Revenue Change Chang	Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter		Proposed	Total	Dollar	Percentage
Minimun Charace: Ser Monthly 13 12,94 167 17,90	_	ther Water Utili	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Sep* Monthly 0 \$7.08 \$0 0 \$8.50 \$0		linimum Charge:										
Monthly 0 0,05 0 0 0 0 0 0 0 0 0		/8" Monthly	•		\$7.08	\$0	0		\$8.50	* O	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 00%
"Monthly 13		/4" Monthly	0		9.06	0	0 '		10.90	o (o 6	0.00%
2" Monthly 129 22.33 0 0 0 22.680 0 0 24 Monthly 129 33.71 4,349 129 40.50 5,225 876 6 29 40.00thly 2 98.15 196 2 17.00 23 0 40.00thly 2 98.15 196 2 180.00 236 40 60 67 Monthly 2 98.65 7,053 23 23 28.00 10 18.00 236 40 127 Monthly 2 10 Monthly 0 859.27 0 0 0 1.032.00 0 0 1.032.00 0 0 12 Monthly 0 859.27 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 1.032.00 0 0 0 0 1.032.00 0 0 0 0 0 1.032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		" Monthly	13		12.84	167	13 (15.40	200 200	ట్ల ం	19.76%
2" Monthly 129 33.71 4.349 129 40.50 5.225 876 3" Monthly 0 60.24 0.0 0 72.00 2.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 1	-1/2" Monthly	0		22.33	0	0		26.80	0	0	0.00%
A* Monthly 0 60.24 0 0 72.00 0 0 4 Monthly 2 81.5 196 2 118.00 23 40 60 67 Monthly 22 182.93 4.244 22 232.00 5.104 880 87 Monthly 23 306.65 7,053 23 368.00 5.104 880 12* Monthly 23 306.65 7,053 23 368.00 8,464 1.411 10* Monthly 0 520.92 0 0 625.00 0 8.464 1.411 10* Monthly 0 859.27 0 0 0 1,032.00 0 0 0 12* Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 12* Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 1 1,032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		" Monthly	129		33.71	4,349	129		40.50	5.225	876	20.14%
4" Monthly 2 98.15 196 2 118.00 236 40 6" Monthly 23 192.00 4,244 22 232.00 5,104 860 31 10" Monthly 23 306.65 7,053 23 388.00 8,444 1,411 31 10" Monthly 0 859.27 0 0 0 625.00 0 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 0 16 Iris Block 143,115 1,4860 29,807 143,115 1,4000 20,361 (9,446) 1,500 16 Iris Block 16,178 15,128 67,106 0,7850 25,078 1,520 <td></td> <td>" Monthly</td> <td>0</td> <td></td> <td>60.24</td> <td>0</td> <td>0</td> <td></td> <td>72.00</td> <td>0</td> <td>0</td> <td>0.00%</td>		" Monthly	0		60.24	0	0		72.00	0	0	0.00%
8" Monthly 22 192.93 4.244 22 232.00 5.104 860 8" Monthly 2 3 306.55 7,053 23 363.00 9.404 1,411 10" Monthly 0 520.92 7 0 0 0 625.00 0 0 1.285.00 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 1.285.00 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 1.285.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		" Monthly	2		98.15	196	2		118.00	236	40	20.41%
10° Monthly 23 306.55 7,053 23 388.00 8,464 1,411 10° Monthly 0 859.27 0 0 0 625.00 0 0 0 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		" Monthly	22		192.93	4,244	22		232.00	5,104	860	20.26%
Volumetric Charges: 16,074 \$2,6169 42,064 16,074 \$1,5670 25,188 (16,876) - First Block 143,115 1,4660 209,807 143,115 1,4000 200,381 (9,448) - Fourth Block 92,383 1,1313 104,513 92,383 1,1000 92,383 (12,130) - FAL's and Credits 16,178 91,769 67,106 0,7850 52,678 1,560 - Reconcile to Books 334,856 334,856 334,856 334,856 334,856 334,856 334,856 334,856 (\$35,254) -		O" Monthly	. 2		306.65	7,053	23		368.00	8,464	1,411	20.01%
Volumetric Charges: 16,074 \$2,5169 42,064 16,074 \$1,5670 25,188 (16,876) - First Block 143,115 1,4860 209,807 143,115 1,4000 200,361 (9,446) - Third Block 97,106 0,7619 51,128 67,106 0,7819 51,288 (12,130) - FAL's and Credits 16,178 19,769 16,178 18,197 (1,572) 0 Total 334,856 \$443,290 334,856 \$408,036 (\$35,254) (\$35,254) -		2" Monthly	o c		850.9Z	> C	.		625.00	0	o 0	0.00%
Volumetric Charges: 16,074 \$2,6169 42,064 16,074 \$1,5670 25,188 (16,876) - Second Block 143,115 1,4908 20,381 1,4311 1,4000 20,381 (19,446) - Third Block 92,383 1,1313 104,513 92,383 10,000 92,383 (12,130) - FAL's and Credits 16,178 19,769 51,128 67,106 0,7850 52,678 1,550 - Reconcile to Books 334,856 \$443,290 334,856 \$408,036 \$408,036 \$35,254) -		•	,		i	ć	c		1,002.00	c	c	0.00%
First Block Second Block 143,115 1,4660 42,064 16,074 \$1,5670 25,188 (16,876) 51,074 Second Block 143,115 1,4600 92,0837 143,115 14000 200,361 (19,445) 51,178 57,106 0,7619 51,128 67,106 0,7619 51,128 67,106 0,7850 52,678 1,550 FAL's and Credits 16,178 19,769 16,178 19,769 16,178 18,197 (1,572) 0 Total 334,856 334,856 334,856 (335,254)		olumetric Charg	es:									
Second Block 143,115 1,4660 209,807 143,115 1,4000 200,361 (9,446) Third Block 92,383 1,1313 1,04513 92,383 1,0000 92,383 (12,130) - Fourth Block 67,106 0,7619 51,128 67,106 0,7850 52,678 1,550 FAL's and Credits 16,178 19,769 16,178 18,197 (1,572) Reconcile to Books 334,856 334,856 \$408,036 \$408,036 (\$35,254) Total 334,856 334,856 \$408,036 (\$35,254) (\$35,254)		irst Block		16,074	\$2.6169	42,064		16,074	\$1.5670	25.188	(16.876)	-40.12%
Third Block 92,383 1.1313 104,513 92,383 1.0000 92,383 (12,130) Fourth Block 67,106 0.7619 51,128 67,106 0.7850 52,678 1,550 FAL's and Credits 16,178 19,769 16,178 18,197 (1,572) Reconcile to Books 334,856 \$443,290 334,856 \$408,036 (\$35,254) Total (\$35,254)		econd Block		143,115	1.4660	209,807		143,115	1.4000	200,361	(9.446)	-4.50%
Fourth Block 67,106 0.7619 51,128 67,106 0.7850 52,678 1,550 FAL's and Credits 16,178 19,769 16,178 18,197 (1,572) Reconcile to Books 334,856 \$443,290 334,856 \$443,290 334,856 \$34,856 \$35,254)		hird Block		92,383	1.1313	104,513		92,383	1.0000	92.383	(12.130)	-11.61%
Reconcile to Books 334,856 \$443,290 334,856 \$408,036 (\$35,254)		ourth Block		67,106 16,178	0.7619	51,128		67,106	0.7850	52,678	1,550	3.03%
Total 334,856 \$408,036 (\$35,254)		econcile to Book	ω			10,700		10,170		10,197	(1,5/2)	-7.95%
(403,604) (403,604)		otal		334 856		\$443 290		33/ 856	1	950 0013	(#3E 3EA)	7,050/
26 27 28 29 30 31 31 32 33 34 35 36 36 37					11	\$ 1.00 1.00		, , , ,	11	\$ + 00,030	(\$35,254)	-7.93%
28 29 30 31 31 32 33 34 34 35 36 37 38	26											
29 30 31 31 32 33 34 34 36 37	28											
30 31 32 33 34 35 36 37 38	29											
32 33 34 35 36 37 38 39	. 8											
33 34 35 36 37 38 39	ა გ											
34 35 36 37 38 39	33 1											
35 36 37 38 39	34											
37 38 39 40	3 35											
38	37 %											
39	မွ (
40	39											
	40											

Company Marin Part Company		ri Dublic Comic	Commissio		12	12 Month Test Period Ended December 31, 2002	iod Ended Dece	mber 31, 2002	2			
Class Clast Clas	Missou Compa District	ırı Public Servic ıny: Missouri-An t: Joplin	e Commissio nerican Wate	n r Company							Case No Schedu	b. WR-2003-X) ule CAS-14-JC
Classor Customer Sales Current Total Customer Customer Customer Customer Customer Customer Customer Customer Customer Total Dollar Percondition Main Percondition Change				Present Pro F	orma Rates			Prop	osed Pro Form	na Rates		r age o or
Description Meter Sales Current Total Meter Sales Proposed Total Dollar Part Miscellaneous: Miscellaneous: Minima Cital Rate Revenue Change Chang	Line#	Class/	Customer				Customer		0000	101000		
Miscellaneous: Initiage (VOUCSI) Ivalue Revenue Change	.	Description	Meter	Sales	Current	Total	Meter	Sales	Proposed	Total	Dollar	Percentage
Millimum Charactes Sign Monthly O 12,34 0 0 10,50 0 10,50 0 10,50 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,50 0 0 10,5		Miscellaneous: -	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Sof Monthly 9,708 \$0 \$0.50 Monthly \$0.50 Monthly <t< td=""><td></td><td>Minimum Charge</td><td>·•</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		Minimum Charge	·•									
334" Monthly 0 12.44 0 1753 0 1753 0 1753 0 1754 0		5/8" Monthly			\$7.08	\$0	0		\$8.50	.	\$ 0	0 0
** Monthly 0 12.94 0 15.40 1-1/2" Monthly 0 22.33 0 26.80 0 2" Monthly 0 80.24 0 70.20 0 0 4" Monthly 0 80.24 0 17.20 0 0 4" Monthly 0 182.93 0 27.20 0 0 8" Monthly 0 182.93 0 222.00 0 0 8" Monthly 0 182.93 0 282.00 0 0 10" Monthly 0 520.92 0 0 398.00 0 0 10" Monthly 0 520.92 0 0 398.00 0 0 12" Monthly 0 520.92 0 0 1,022.00 0 0 12" Monthly 0 50.000 0 0 0 0 0 0 12" Monthly 0 50.000 0 0 0 0 0 0 0 12" Monthly 0 50.000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3/4" Monthly	0		9.06	0	0		10.90	o 6	o 6	0.0
2" Monthly 0 22.33 0 0 26.86 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1" Monthly	0		12.84	0 (0 (15.40	>	-	0.0
2º Monthly 0 33.71 0 0 72.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1-1/2" Monthly	0		22.33	0 (o (26.80	>	>	9.0
A" Monthly 0 60,24 0 72,00 0 72,00 0 0 72,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2" Monthly	0		33.71	0 (ɔ (40 50	>	-	0.0
4" Monthly 0 192.93 0 0 113.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3" Monthly	0		60.24	Э,	o (72 00	> 0	>	0.0
8° Monthly 0 192.93 0 0 232.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4" Monthly	0		98.15	0 (0 (118.00	-	-	0.0
8° Monthly 0 306.65 0 0 368.00 0 10 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 1 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 1 12" Monthly 0 859.27 0 0 1,032.00 0 0 0 1 1,032.00 0 0 0 1 1,032.00 0 0 0 1 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 1,032.00 0 0 0 1,032.00 0 0 1,032.00 0 0 1,032.00 0 0 1,032.00 0 0 1,032.00 0 0 1,032.00 0 0 1,032.00 0 1,032		6" Monthly	0		192.93	0	0		232.00	0 (0 0	0.0
10° Monthly 0 520.92 0 625.00 0 12° Monthly 0 859.27 0 0 1,032.00 0 Volumetric Charaes: Inst Block 0 \$0,0000 0 0 1,032.00 0 0 Second Block 0 0,0000 0 0 0,0000 0 0 0,0000 0 0 Fourth Block 0 0,0000 0 0 0,0000 0 0 0 0 FAL's and Credits 333 333 333 333 333 333 333 333 333 333 300 0 Total 333 333 333 333 333 333 333 300 333 300		8" Monthly	0		306.65	0	0		368.00	- (-	0.0
Volumetric Charges: Volumetric Charges: 0 1,032.00 0 <td></td> <td>10" Monthly</td> <td>0</td> <td></td> <td>520.92</td> <td>0</td> <td>0</td> <td></td> <td>625.00</td> <td>0 (</td> <td>0</td> <td>0.0</td>		10" Monthly	0		520.92	0	0		625.00	0 (0	0.0
Volumetric Charges: 0 \$0,0000 0 \$0,0000 0 0 First Block 0 0,0000 0 0 0,0000 0 0 Fourth Block 0 0,0000 0 0 0,0000 0 0 FAL's and Credits 333 935 333 935 0 Reconcile to Books 333 \$935 0 0 Total 333 \$935 \$935 \$9		12" Monthly	0		859.27	0	0		1 032 00	o •	> (0.0
Volumetric Charges: 0 \$0,0000 0 \$0,0000 0 0 \$0,0000 0 0 \$0,0000 0 0 \$0,0000 0 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>•</td><td>Ş</td></th<>											•	Ş
First Block 0 \$0,000 0 0 \$0,000 0 0 Second Block 0 0,0000 0 0 0 0 0,0000 0 0 0 Third Block 0 0,0000 0 0 0 0,0000 0 0 0 Second Block 0 0,0000 0 0 0 0,0000 0 0 0 0 Second Block 0 0,0000 0 0 0 0,0000 0 0 0 Second Block 0 0,0000 0 0 0 0 0 0 0 Second Block 0 0,0000 0 0 0 0 0 Second Block 0 0,0000 0 0 0 0 0 0 Second Block 0 0,0000 0 0 0 0 0 0 Second Block 0 0,0000 0 0 0 0 0 0 Second Block 0 0,0000 0 0 0 0 0 0 0 Second Block 0 0,0000 0 0 0 0 0 0 0 Second Block 0 0,0000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Volumetric Charo	es:									
Second Block 0 0.0000 0 0 0.0000 0 0 0.0000 0 0 0 0		First Block		0	\$0.0000	0		5	\$0 0000	>	5	2
Third Block 0 0.0000 0 0 0.0000 0 0 0 0 0 0 0 0 0		Second Block		0 (0.0000	o (>	0.000	> 0	> C	0.0
Fourth Block 0 0.0000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Third Block		0	0.0000	0 (0 0	0.000	-	-	0.0
FAL's and Credits 333 935 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Fourth Block		0	0.0000	0		0 (0,000	> (> 0	0 .0
Reconcile to Books 333 \$935 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		FAL's and Credits	"	333		935		33 33 3	0.00	935	>	0.0
Total 333 \$935 \$0 \$0		Reconcile to Bool	Ŝ	,		į				G	-	0.0
		Total		333		\$935		333		\$035	500	0.0
26 27 28 29 30 31 31 32 32 33 33 34 35 36 36					ı		e			4000	40	0.0
27 28 29 30 31 31 32 33 33 34 34 35 36	26											
28 29 30 31 31 32 33 34 35 36 37	27											
29 30 31 31 32 33 34 35 36 37	28											
30 31 31 32 33 34 35 36 37 38	29											
31 32 33 34 35 36 37 38	30											
32 33 34 35 36 37 38 39	<u> </u>											
33 34 35 36 37 38 39	32											
34 35 36 37 38 39	ၓ											
35 36 37 37 38 39	34											
36 37 38 38 40	35											
37 38 39	36											
38	37											
39	38											
40	39											
	40											

Missouri Public Service Commission Company: Missouri-American Water Company District: Joplin Line # Connection Number Size of 1 Size Connection 2 Private Fire Service: 3 4 Private Fire Hydrant 5 6 2" 7 8 3" 9 10 4"	nummission can Water Company Number of Connections 3 5 0	Present Rates Annual To Rate Rev \$669.24 \$ 95.88 164.76 261.48	Rates Total Revenue \$2,008 479 0 7,321	Present Rates Proposed Rates Annual Rate Total Revenue Annual Rate Total Revenue \$669.24 \$2,008 669.24 \$2,00 95.88 479 95.88 47 164.76 0 164.76 261.48 7,321 261.48 7,32	Total Revenue \$2,008 479 0 7,321	Case No Sched Dollar Change 0 0	Case No. WR-2003-XXX Schedule CAS-14-JOP Page 7 of 7 ar Percentage ge Change Change 0 0.00% 0 0.00% 0 0.00%
		Present Annual Rate \$669.24 95.88 164.76 261.48	Total Revenue \$2,008 479 0 7,321	Proposed Annual Rate 669.24 95.88 164.76	Total Revenue \$2,008 479 0 7,321	Dollar Change \$0 0	Percentage Change Change 0.00 0.00 0.00
		Annual Rate \$669.24 95.88 164.76	Total Revenue \$2,008 479 0 7,321	Annual Rate 669.24 95.88 164.76 261.48	Total Revenue \$2,008 479 0	Change \$0	Percentag Change 0.00 0.00 0.00
		\$669.24 95.88 164.76 261.48	\$2,008 479 0 7,321	Rate 669.24 95.88 164.76 261.48	\$2,008 479 0 7,321	Change \$0 0	Change 0.00 0.00 0.00
	28 0 5 3	\$669.24 95.88 164.76 261.48	\$2,008 479 0 7,321	669.24 95.88 164.76 261.48	\$2,008 479 0 7,321	0 0 0 \$0	0.00 0.00 0.00
	28 0 5	95.88 164.76 261.48	479 0 7,321	95.88 164.76 261.48	479 0 7,321	0 0 0	0.00 0.00 0.00
	28 0	164.76 261.48	0 7,321	164.76 261.48	0 7,321	0 0	0.0
	28	261.48	7,321	261.48	7,321	0	0.0
13 Og	157	536.28	84,196	536.28	84,196	0	0.00%
14 8"	102	922.68	94,113	922.68	94,113	0	0.00%
16 10"	O	1,418.28	8,510	1,418.28	8,510	0	0.00%
18 12"	0	2,022.24	0	2,022.24	0	0	0.00%
20 FAL's and Credits			(191)		(191)	0	0.00%
22 Total 23 24	301	# 1	\$196,436	II 1	\$196,436	\$0	0.00%
24 25 26 Public Fire Protection:	on:						
28 Public Fire Hydrants 29 30	1,469	0.00	0	305.47	448,733	448,733	0.00%
33							
35							
36							
38							
39 40							

		. C Cor . cor Fileson December of . Avok		
Missouri Public Service Commission Company: Missouri-American Water of District: Mexico	Missouri Public Service Commission Company: Missouri-American Water Company District: Mexico		·	Case No. WR-2003-XXX Schedule CAS-2-MEX Page 1 of 1
Line No.				
ω Ν ユ				
. 4 π	Description	Schedule	Amount	
7 6 6	Rate Base	CAS-3-MEX	\$12,065,229	
000	Operating Income at Present Rates	CAS-8-MEX	629,671	
110	Earned Rate of return		5.22%	
13 12 -	Requested Rate of Return	Grubb Testimony	8.30%	
1.4	Required Operating Income		1,001,414	
16 17	Operating Income Deficency		371,743	
10 10	Gross Revenue Conversion Factor		1.64017	
20	Revenue Deficiency		609,722	
23 2 !	Adjusted Operating Revenues	CAS-8-MEX	2,561,804	
25 25 26	Total Revenue Requirement		\$3,171,526	
28 29	ıe Conversion Facto	\$1,0		
3 S S	PSC Assessment 0.00	0.00000% 0.000 0.00000% 0.000		
33 34	es ·	5.21327% 51.589 33.17536% 328.295		
35 36	ises	390.308 \$609.692		
38 5	Conversion Factor	1.64017		

		Rate Base Summary Test Year Ended December 31, 2002	31. 2002	
Missouri Public Service Commission Company: Missouri-American Water Company District: Mexico	עי			Case No. WR-2003-XXX Schedule CAS-3-MEX Page 1 of 1
Line #				
2 -	Supporting	Per Rooks		Dr. Gorgo
Rate Base Component	Reference	12/31/02	Adjustments	Rate Base
5 Utility Plant in Service	CAS-4-MEX	15,327,116	617,798	15,944,914
7 Accumulated Provision for Depreciation	CAS-5-MEX	(1,941,038)	(328,611)	(2,269,649)
Accumulated Amortization	W/P's	0	0	0
11 Utility Plant Acquisition Adjustments	W/P's	0	11,695	11,695
13 Net Utility Plant 14		13,386,078	300,882	13,686,960
_	CAS-6-MEX	120,926 808,254	18,677 (15,720)	139,603 792,534
20 Deferred Income Taxes 21 Pension Liability 22	W/P's	713,208 52,585	18,792 51,025	732,000 103,610
24 Subtotal 25 26		1,694,973	72,774	1,767,747
 27 Add: 28 Cash Working Capital 29 Materials and Supplies 30 Prepayments 	CAS-7-MEX W/P's	23,004 5 703	000	23,004
30 Friedayments 31 OPEB's Contributed to External Fund 32 Premature Retirement 33 Regulatory Deferrals	W/P's W/P's W/P's	5,703 52,770 0 51,437	0 (1,398) 0 14,500	5,703 51,372 0 65,937
35 Subtotal		132,914	13,102	146,016
37 Total Original Cost Rate Base 38 39		11,824,018	241,210	12,065,229

Minne			For the Test Year Ended December 31, 2002	31, 2002		
Company: Miss District: Mexico	Missouri lexico	Company: Missouri-American Water Company District: Mexico			Ω	Case No. WR-2003-XXX Schedule CAS-4-MEX Page 1 of 2
Line #			Per Books	Pro Forma	Pro Forma	
	Acct No	Account Description	12/31/02	Adjustments	UPIS	
 N	2	Intangible Plant	}	•		
. د	307	Organization	\$0	\$5,608	\$5,608	
ω ‡	303	Miscellaneous Intangible Plant Studies	> C	သ 13 23 23	ນ ລີ ວິ	
1 6		Subtotal	0	8,740	8,740	
» ~	210 0	land 8. I and Bights	0)	0	
ဖ (31 d	Structures & Improvements	00000000000000000000000000000000000000	16 578	208 78	
10	312	Collection & Impound Resevoirs	183	0,00	183	
=======================================	313	Lake, River, & Other Intakes	0	0	0	
3 73	314	Wells & Springs	933,029	0	933,029	
7 5	č	Subtotal	1.890.633	16.578	1.907.211	
	8	Pumping Plant				
17 6	321 321	Pumping Land & Land Rights Pumping Land & Land Rights	58,808 73 206	12 80/	58,808 66,400	
	322	Boiler Plant Equipment	0	0	0	
3 6	323	Force Mains	0	0	0	
3 6	325 325	Steam Fumping Equipment	0 0	o 0	0 0	
2 !	326 6	Diesel Pumping Equipment	074,921	> C	6/4,821	
23	327	Pump Equip Hydraulic	0 0	00	0 0	
24	328	Other Pumping Equipment	28,055	0	28,055	
26 62		Treatment Plant	834,990	12,894	847,884	
27	330	Water Treatment Land & land Rights	13,920	0	13.920	
28	331	Water Treatment Structures & Improvements	3,175,973	141,832	3,317,805	
29	332	Water Treatment Equipment	2,496,586	5,526	2,502,112	
٠ <u>٠</u>	332.4	Water I reatment Equipment - Filter Plant	47,417	0 0 0	47,417	
32 :		Transmission & Distribution Plant	0,100,000	177,330	J,001,204	
33	340	Transmission & Distribution Land	13,336	0	13,336	
34	341	Transmission & Distribution Structures & Improvements	69,980	0	69,980	
 	342	Distribution Reservoirs & Standpipes	324,889	12,894	337,783	
37 6	343	Transmission & Distribution Mains Conv	2,730,625	0	2,730,625	
20 4	343.1	Transmission & Distribution Mains < 4'	72,162 655 71 1	0	72,162 72,162	
39	343.3	Transmission & Distribution Mains > 10'	273.781	/a,35# 0	773.781	
40		Subtotal	4,184,487	89,428	4,273,915	

				Utility Plant in Service			
Missour	i Public Ser	Missouri Public Service Commission	For the Te	For the Test Year Ended December 31, 2002	31, 2002		
Compar	ıy: Missouri	Company: Missouri-American Water Company					Schedule CAS-4-MEX
DISTRICT: MEXICO	Mexico						Page 2 of 2
Line #							
<u></u>	Acct No	Account Description		Per Books	Pro Forma	Pro Forma	
~ ~		Transmission & Distribution Plant	Bal Fwd	4,184,487	89,428	4.273.915	
. ω	344	Fire mains		30,970	0	30,970	
4 1	345	Services		1,198,904	127,418	1,326,322	
о ОТ	346.1	Meters - Bronze Case		89,500	0	89,500	4
ı တ	346.2	Meters - Plastic Case		0	0	0	
7	346.3	Meters - Not Class By Type		165,626	0	165,626	
α	34/	Meter Installation		509,284	90,029	599,313	
ေ	348	Hydrants		332,221	0	332,221	***************************************
1 10	349	Other Transmission & Distribution Plant		9,563	0	9,563	
		General Plant		6,520,555	306,875	6,827,430	
ಪ	389	General Land & Land Rights		2 057	Þ	2 057	
14	390	Stores Shops Equipment Structures		24,657	0 (24,657	
15	390.1	Office Structures		122.345	1.879	124 224	
6	390	General Structures - HVAC		0	0	0	
17	390.3	Miscellaneous Structures		0	0	0	
3 8	389	Office Furniture and Equipment		38,436	72,417	110,853	
<u>ه</u>	301 2F	Computers & Peripheral Equipment		5,473	8,925	14,398	
2 5	301.26	Personal Computer Software		o c	6,929	6,929	
2 2	391.3	Other Office Equipment		11 000	1,716	1,716	
23	392.11	Transportation Equipment - Light Trucks		42 347	18 933	61 280	
24	392.12	Transportation Equipment - Heavy Trucks		0	0	0	
25	392.2	Transportation Equipment - Cars		16,428	1,925	18,353	
26	392.3	Transportation Equipment - Other		0	0	0	
3 7	36.	Stores Equipment		11,065	0	11,065	
2 6	305 705	Laboraton, Equipment		30,738	6,841	37,579	
မှ ၂	396	Power Operated Equipment		6 301	5)05	16,759	anna e e-
ဣ	397	Communication Equipment (non telephone)		15 087	78 78	15 (C)	winerm
32	397.2	Telephone Equipment		2,772	321	3,093	
<u>ယ</u>	398	Miscellaneous Equipment		3,574	167	3,741	
د 4 رد 4	399	Other Tangable Property		0	0	0	
36 36		Subtotal		347,042	125,353	472,395	-
37		Total Plant in Service		\$15,327,116	\$617,798	\$15,944,914	
8 8							
40							

Test Year Ended December 31, 2002	Accumulated Depreciation and Amortization
-----------------------------------	---

		lest rear Enged December 31, 2002	2002		
Company: Mi	Missouri Public Service Commission Company: Missouri-American Water Company			Case No. W Schedule	Case No. WR-2003-XXX Schedule CAS-5-MEX
District: Mexico	ico				Page 1 of 2
Line #		Per Books	Pro Forma	Pro Forma	
1 <u>Ac</u>	Acct No Account Description	12/31/02	<u>Adjustments</u>	Reserve	
 ယ N	Intangible Plant Organization	?	3	?	
		~ 6	.	⇒ 6	
		0 (16.678	16 678	
		0	16 678	16.678	
7	Source of Supply Plant				
		0	0	0	
9	311 Structures & Improvements	20,787	(895)	19.892	
		131	ຜູ	134	
		0	0	0	
12		211,975	19,500	231,475	
	316 Supply Mains	98,060	14,013	112,073	
14	Subtotal	330,953	32,621	363,574	
	320 Dimping Land 8. Land Dights	Þ	·	•	
	321 Pumping Structures & Improvements	20 526 0	(788)	19 737	
		0	0	;;;;; ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	
19	323 Force Mains	0	0	0	
		0	0	0	
	326 Diosal Dumaina Farifament	(160,347)	23,324	(157,023)	
23 1		> C	O C		
		1.196	581	1 777	
		(158,625)	23,116	(135,509)	
26					
		0	0	0	
	332 Water Treatment Structures & Improvements	242,592 160 145	69,829	312,421	
		100, 140	00,321	234,000	
		410,737	136.350	547.087	
			THE STATE ST		
			o	0	
35 4 35 3	342 Distribution Reservoirs & Standaines		3,567 3,560	3,567	
		855 A56	30,000	90,465	
	_	000,400	999	94,465	
		0 ((4 005)	(4 005)	
	Transmission & Distribution Mains > 10"	ĺ	3,790	3,790	
40	<u>v</u>	Subtotal 942,757	46,920	989,677	

	Accumulated Depreciation and Amortization For the Test Year Ended December 31, 2003	Amortization ber 31, 2002		
Missouri Public Service Commission			Case	Case No. WR-2003-XXX
Company: Missouri-American Water Company			Sc	Schedule CAS-5-MEX
District: Mexico				Page 2 of 2
Line #				

37	<u>အ</u> ၾ	34	ည သ (3 20	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	1 3	12	<u></u>	10	9	œ	7	တ	ഗ	4	ω	2	<u> </u>	Line #
		399	398	397.2	397	396	395	394	393	392.3	392.2	392.12	392.11	391.3	391.26	391.25	391.2	391	390.3	390	390.1	390	389			349	348	347	346.3	346.2	346.1	345	344		Acct No	
Total Plant in Service	Subtotal	Other Tangable Property	Miscellaneous Equipment	Telephone Equipment	Communication Equipment (non telephone)	Power Operated Equipemnt	Laboratory Equipment	Tools, Shop, & Garage Equipment	Stores Equipment	Transportation Equipment - Other	Transportation Equipment - Cars	Transportation Equipment - Heavy Trucks	Transportation Equipment - Light Trucks	Other Office Equipment	Personal Computer Software	Computer Software	Computers & Peripheral Equipment	Office Furniture and Equipment	Miscellaneous Structures	General Structures - HVAC	Office Structures	Stores Shops Equipment Structures	General Land & Land Rights	General Plant	Subtotal	Other Transmission & Distribution Plant	Hydrants	Meter Installation	Meters - Not Class By Type	Meters - Plastic Case	Meters - Bronze Case	Services	Fire mains	Transmission & Distribution Plant	Account Description	
																																		Bal Fwd		
\$1,941,038	106,103	,, 0 0	10,000	16 603	0	9.108	(3,522)	14,474	1,543	0	0	0	19.873	0	0	0	0	25,129	0 +	0	21.683	0	0		1 251 870	3.387	99 927	(26.500)	143.784	0	0	82.204	6,310	942,757	Per Books 12/31/02	
\$328,611	48,955	0	346	5,000	1.800	432	(433)	399	89		3,797	0	4.734	1.274	3318	15.248	20.095	(6,738)	0 (0	3.454	581	0		70.891	258	9319	(5.320)	8.563)	4.627	6.111	414	46,920	Pro Forma	
\$2,269,649	155,058	0 0	17,202	17 262	1800	9.540	(3.955)	14,873	1,632	0	3.797	0 :	24.607	1 274	သ (သ (သ ()	15.248	20.095	18.391	0 () ()	25 137	581	0	1,022,70	1 322 761	3645	109 246	(31,820)	152.347	0	4.627	88.315	6.724	989,677	Pro Forma	

			Customer Advances and Contributions in Aid of Construction For the Test Year Ended December 31, 2002	Aid of Construction er 31, 2002		
Missouri Public Company: Misson District: Mexico	Public Ser /: Missouri Mexico	Missouri Public Service Commission Company: Missouri-American Water Company District: Mexico			Ca S	Case No. WR-2003-XXX Schedule CAS-6-MEX Page 1 of 1
Line #						
<i>∨</i>	Acct No	Account Description	Per Books <u>12/31/02</u>	Pro Forma <u>Adjustments</u>	Pro Forma <u>Balance</u>	
ω 4 τυ cc	252.11 252.71	<u>Customer Advances</u> Advances for Construction - Extensions Advances for Construction - Taxable Extensions Total Customer Advances	130,949 (10,023)	18,677	149,626 (10,023)	
7 9 10						
3 7 7	271.11	Contributions in Aid of Construction Contributions in Aid - NT Mains	88,384	0	88,384	
2 4	271.12 271.21	Contributions in Aid - NT Extension Deposit Contributions in Aid - NT Services	(333) 2,400	00	(333) 2,400	
7 6 5	271.30	Contributions in Aid - NT Weers Contributions in Aid - NT Other Contributions in Aid - NT Other	13,278 42,793	00	13,278 42,793	
18	271.71	Contributions in Aid - Taxable Mains	637,305	00	0 637,305	
3 6	271.12 271 27	Contributions in Aid - Taxable Extension Deposit	188,577	. 0	188,577	
21 5	271.37	Contributions in Aid - Taxable Meters	18.212	o c	7,650 18.212	
23 23	271.47 Various	Contributions in Aid - Taxable Hydrants Accumulated Amortization - CIAC	(190 040)	(45 720) 0	28	
	S C C C C	Total Contributions in Aid of Construction	808,254	(15,720) (15,720)	(205, /60) 792,534	
25 27 28						
31 329						
2 23 2						
ယ္က ယ္ဟ (တ ဟ -						
37 38						
39 40						

For the	Working Capital For the Test Year Ended December 31, 2002	ital ecember 31, 2	002			
Missouri Public Service Commission Company: Missouri-American Water Company District: Mexico						Case No. WR-2003-XXX Schedule CAS-7-MEX Page 1 of 1
Line #						
, -1	Proforma	Average	I	I		
	Expense	Expense	Lag	(Lead)/Lag	(Lead)/Lag	Cash Requirment
	235,022	644	38.03	10.23	27.80	17,900
6 Fuel and Power	111,669 166.710	306 457	38.03 03	17.39 37 22	20.64	6,315 370
	64,399	176	38.03	38.03	0.00	0
9 Service Company Charges	136 193	373	38.03	53.15	(15.12)	0
	55,663	153	38.03	(8.54)	46.57	7,102
17 CPEB'S	19,316	53	38.03	(0.04)	38.07	2,015
13 ESOP	1.620	4	38.03	38.03	0.00	> C
14 Insurance Other than Group	45,272	124	38.03	38.03	0.00	0
	17,505	48	38.03	24.37	13.66	655
	39,911	109	38.03	48.80	(10.77)	(1,178)
19 Total O&M Expenses	344,976 1,318,110	945	38.03	20.67	17.36 _	16,408 65,317
21 Depreciation Amortization Expense	348,940	956	38.03		38.03	36 357
	134,136	367	38.03	182.50	(144.47)	(53,092)
24 Franchise and Environment Tax	2,917	د 8 -	38.03	110.50	(72.47)	(579)
	479	→ (38.03	13.44	24.59	32
26 FUIA Taxes	25,762 4	o 7	38.03 03.03	62.05 05	(24.02)	(1,695)
	65,719	180 180	38.03	60.25	(22.22)	(4,001)
30 Deferred Income Taxes	10,327	1 ₅ 28	38.03	62.17	(24.14)	(683)
	423,567	1,160	38.03	91.15	(53.12)	(61,644)
32 Preferred Dividends 33 Total Working Capital Requirement	6,034 2,403,267	17	38.03	45.63	(7.60)_	(126) (14.274)
34 Total Cash and Working Castial Boardingsont I look					. 1	
36					II	U
37						
38						
40						
THE PARTY OF THE P						

					Case No. WR-2003-XXX Schedule CAS-8-MEX Page 1 of 1
Schedule Reference	Test year Ended 12/31/02	Adjustments	Pro Forma Present Rates	Adjustments	Pro Forma Proposed Rates
CAS-9-MEX	\$2,529,041	\$32,763	\$2,561,804	\$609,722	\$3,171,526
CAS-10-MEX CAS-10-MEX CAS-10-MEX	1,068,296 365,869 0	208,281 (16,929) 0	1,276,577 348,940 0	6,356	1,282,933 348,940 0
CAS-10-MEX CAS-10-MEX CAS-10-MEX CAS-10-MEX	125,208 20,833 8,833 2,835	8,928 5,412 0 2,466	134,136 26,245 8,833 5,301	0	134,136 26,245 8,833
Utility Operating Income Before Income Taxes	937,167	(175,395)	761,772	603,366	1,365,138
come Taxes Federal Income Tax State Income Tax CAS-12-MEX CAS-12-MEX Deferred Income Taxes Amortization of Investment Tax Credit	64,341 27,427 57,918 0	1,378 (17,100) (1,863)	65,719 10,327 56,055	200,168 31,455 0	265,887 41,782 56,055
	\$787,481	(\$157,810)	\$629,671	\$371,743	\$1,001,414
	** *** *** * _	** *** *** * _	Test year Ended December 31, 2002 Reference Reference Reference Reference Test year Ended 12/31/02 Adju 2,835-10-MEX 365,869 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Test year Ended Hereinber 31, 2002 Test year Ended Ended Reference 12/31/02 Adjustments AS-10-MEX \$2,529,041 \$32,763 \$ AS-10-MEX 365,869 (16,929) AS-10-MEX 20,833 5,412 AS-12-MEX 27,427 (17,100) 5787,481 (\$157,810)	Test year Pro Forma Ended Present Reference 12/31/02 Adjustments Rates Adjustments R

24 Total Sales of Water 2,494,232 25 25 26 Other Operating Revenues 27 Reconnect Charges 5,455 28 Returned Check Charge 720 29 Application Fee 22,800 30 Miscellaneous Other Revenue 5,835 31 Rents from Water Property 0 32 Total Other Operating Revenues 34,810	Total Sales of Water 2,4 Other Operating Revenues Reconnect Charges Returned Check Charge Application Fee Miscellaneous Other Revenue Rents from Water Property	Total Sales of Water		22 Total Fire Service 77,616	19 Fire Service 20 Private Fire Service 21	16 17 Sewer Service 0	14 Total Metered Sales 2,416,615	5 Sales of Water 6 Metered Sales 7 Residential \$1,143,788 8 Commercial 333,161 9 Industrial 422,682 10 Other Public Authority 194,402 11 Sales for Resale 321,934 12 Miscellaneous 648	Test year E Ending t 12/31/02 F	Company: Missouri-American Water Company District: Mexico Line #	For the Test Year Ended December 31, 2002	Adjustment to Reveneus Per Books and Pro Forma
	0		20,392	0		0	20,392	\$20,592 1,054 (1,019) (1,286) 1,051	Eliminate Unbilled Revenue		ear Ended [veneris Per
\$2,725	0		2,725	(85)	(85)	0	2,810	\$1,683 524 653 (52) 2	Bill Analysis And Other Adjustments		December 31,	Rooke and Pr
\$2,552,159	34,810	5,455 720 22,800 5,835	2,517,349	77,531	77,531	0	2,439,818	\$1,166,062 334,740 422,317 193,065 322,987 648	Bill Analysis at Rates		2002	o Flormy
\$69,630	0		69,630	0		0	69,630	\$63,402 6,228	Normalizaton & Annual Adjustments			
(\$59,984)	0		(59,984)	0	0	0	(59,984)	(59,984)	Other Adjustments			
\$2,561,805	34,810	5,455 720 22,800 5,835	2,526,995	77,531	77,531	0	2,449,464	\$1,229,464 340,968 362,333 193,065 322,987 648	Pro Forma Present Rate Revenue	Schedule CAS-9-MEX Page 1 of 1	Casa No	

Caninal of Oberations and maintenance Expenses and General Taxes	
For the Test Year Ended December 31, 2002	
	Case No. WR-2003-XXX
ıri-American Water Company	Schedule CAS-10-MEX
District: Mexico	Page 1 of 1
Tipe#	

28 28 29 29 29 29 29 29 29 29 29 29 29 29 29	24 25 26 27	222138716514312110987654321 222138716544321210987654321	
Property Taxes Payroll Taxes PSC Fees Other General Taxes Total Taxes Other Than Income Taxes	Depreciation Amortization Total Depreciation and Amortization	The schedule below provides a summary list of the operating and maintenance expenses for the test year and pro forma at present rate and pro forma adjustment is keyed to a schedule as shown on Schedule CAS-11-MEX which provides additional detail and support. Cas	
CAS-11-MEX CAS-11-MEX CAS-11-MEX CAS-11-MEX	CAS-11-MEX CAS-11-MEX	ry list of the operating and m a schedule as shown on Sch Schedule Reference CAS-11-MEX	
125,208 20,833 8,833 2,835 157,709	365,869 0 365,869	aintenance expenses for the test adule CAS-11-MEX which provided the CAS-11-MEX which provided t	
8,928 5,412 0 2,466 16,806	(16,929) 0 (16,929)	test year and pro forma at present rates as indicated ovides additional detail and support. Pro forma Adjustment 57,239 346,69 0 16,486 16,486 12,348 (6,957) 53,383 (6,957) 53,383 (7,346 36,362 (2,928) (2,928) (4,993) 11,247 212 3,333 22,494 208,281 1,276,5	
134,136 26,245 8,833 5,301 174,515	348,940 0 348,940	ort. Pro forma Present Rates 346,690 0 166,709 64,399 34,500 136,182 92,326 53,523 3,002 44,235 17,505 34,084 90,963 147,187 1,276,577	

Division: Mexico	Company: Missouri-American Water Company	Missouri Public Service Commission

					29d	29c	29b	29a			28	27			25	21	20	19	18	17	16	15	14	13	12	13	6	9	8	Line Number	168
			Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes	Total Depreciation and Amortization	Hara Tarana Tara	Amortization	Depreciation		Total Operations and Maintenance	Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	Labor	Description	:
			157,709	1,000	2.835	8.833	20,833	125.208	365,869		-	365,869		1.068.296	124,693	87,630	33,872	5,058	49,228	53,763	5,930	17,161	74,980	82,799	41,457	52,051	150,223	•	289,451	Ended 31-Dec-02	Test Year
			0						c				0.,-00	57 239															\$57,239	Labor Expense	Schedule
	1940		0						0					17 346									17,346							Group ins Expense	Schedule
			0						0				00,000	36 362								36.362								Pension	Schedule
			0						0				1,74	1 421		1,421														401K/EIP	Schedule
			5,412			0,116	5 412		0																J.M.					Payroll Taxes Expense	Schedule
			0						0				10,700														16.486				Schedule
			0						0				12,040	40 2/8											,0.0	12.348				Chemical Expense	Schedule
			0						0																			0	!!	Purch Water	Schedule

Case No. WR-2003-XXX Schedule CAS-11-MEX Page 1 of 4

Missouri Public Service Commission Company: Missouri-American Water Company Division: Mexico No.

440	39	ಜ	37	3	3 33	34	ၓ	32	<u>د.</u>	3	29	28	27	26	25	24	23	22	21	20	19	18	17	6	5	4	3	12	1	6	ဖ	<u></u>	7	თ	σı	0 W 4
			essent .					29d	290	296	29a				28	27				25	21	20	19	18	17	16	15	14	ಪ	12	=	5	9	8	Number	Line
		The state of the s		TOTAL	The second secon	Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes		Total Depreciation and Amortization	Manual Control of the	Amortization	Depreciation		Total Operations and Maintenance		Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	1	Description	
						0							0					(6,957)												(6,957)					Expense	Schedule CAS-15 p9 Waste Disp
				- American		0							0					(2,928)								(2,928)									Expense	Schedule CAS-15 p10
						0							0					(8,491)							(8,491)										Expense	Schedule CAS-15 p11
						0						-	0					53,383											53,383						Expense	Schedule CAS-15 p12
						0							0					12,447					12,447		-										Expense	Schedule CAS-15 p13
						0							0					(1,396)				(1,396)													Expense	Schedule CAS-15 p13
						0							0					(5,407)			(5,407)														Expense	Schedule CAS-15 p13
						0							0					0		0															Expense	Schedule CAS-15 p14
						0							0					1,608				1.608													Expense	Schedule CAS-15 p15

Case No. WR-2003-XXX Schedule CAS-11-MEX Page 2 of 4

Missouri Public Service Commission Company: Missouri-American Water Company Division: Mexico

Case No. WR-2003-XXX Schedule CAS-11-MEX Page 3 of 4

				29d	290	296	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	1	10	9	8	Number	168
			Total Taxes other than income	Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes		Total Depreciation and Amortization		Amortization	Depreciation		Total Operations and Maintenance	The state of the s	Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	1	Description	
			0						0					0			0														Expense	Schedule CAS-15 p16
			8,928				8,928		0					0																	Expense	Schedule CAS-15 p17
			2,384	2,384					0					0					-												Expense	Schedule CAS-15 p18
			0						0					22.494	44,707	22 404															Expense	Schedule CAS-15 p19
			0						0	ļ	0			0																	Expense	Schedule CAS-15 p20
			0						0				(1)	(4.993)						(4.993)											Expense	Schedule CAS-15 p21
			0						0					0						0										/	Expense	Schedule CAS-15 p21
			0					(1.4)	(16 929)		(10,020)	(16 929)		0																	Expense	Schedule CAS-15 p22
			0						0					0		ě	200			-											Expense	Schedule CAS-15 p23

r 31, 2002

Case No. WR-2003-XXX

Schedule CAS-11-MEX

Page 4 of 4

4	ų.	8 8	37	36	<u> </u>	2	జ	8	2	2 &	8 2	3 2	27	26	25	24	23	23	2	20	19	1 8	17	6	5	4	ಪ	12	; =	6	ဖ		7	σ.	O1	۵ 4	2.
								29d	290	982	298	3			28	27				25	21	20	19	18	17	16	15	14	13	12	1	10	9	0.00	Number	168 Line	
						Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Laxes		Total Depreciation and Amortization		Amortization	Depreciation		Total Operations and Maintenance	- characteristics	Maintenance - Other	Miscellaneous	General Office Expense	Rents	Customer Accounting	Insurance Other Than Group	Regulatory Expense	Pensions	Group Insurance	Management Fees	Waste Disposal	Chemicals	Fuel and Power	Purchased Water	Labor	Description		
						0							0					6,290			\$6,290														Expense	CAS-15 p24 AAO Security	Schedule
						0							0					1,029			\$1,029														Expense	CAS-15 p25 Relocation	Schedule
						82		\$82					0					0																	Expense	CAS-15 p26	Schedule
						0							0					0																	Expense		Schedule
						0							0					0																	Expense		Schedule
																																			Expense		Schedule
						0							0					0																	Expense		Schedule
						16,806		2,466	0	5,412	8,928		(16,929)		0	(16,929)		208,281		22.494	3.333	212	12,447	(4,993)	(8,491)	(2,928)	36,362	17,346	53,383	(6,957)	12,348	16,486	0	\$57,239	Adjustments	Present	
						174,515		5,301	8,833	26,245	134,136		348,940		0	348,940		1,276,577		147.187	90.963	34.084	1		45,272		53,523	92,326	136,182	34,500	64,399	166,709	0	\$346,690	Expense	Total Present	

Fage 1 of 1	PICKING THOMAS
	District: Mexico
Schedule CAS-12-MEX	Company: Missouri-American Water Company
Case No. YVN-2003-XXX	
5	Missouri Public Service Commission
# (C) # (C)	* * * * * * * * * * * * * * * * * * *

Line
#

The Company's federal and state income taxes will be affected by all of the pro forma adjustments made at present and proposed rates.

	At Present Rates Federal Stat	Rates State	At Proposed Rates Federal State	d Rates State
Utility Operating Income Before Income Taxes	\$761,772	\$761,772	\$1,365,138 \$1,365,138	\$1,365,138
Interest Expense Deduction	423,490	423,490	423,490	423,490
Taxable Income	338,282	338,282	941,648	941,648
Addback (Deducts): Tax over Book Depreciation Non-deductible Meals	(140,970) 768	(140,970) 768	(140,970) 768	(140,970) 768
Amortization Preferred Stock Expense Non-deductible Reserve Deficiency	14	0 4 6	14 0	14
Total Addbacks (Deducts)	(140,188)	(140,188)	(140,188)	(140,188)
Taxable Income	198,094	198,094	801,460	801,460
Effective Tax Rate (1)	33.1754%	5.2133%	33.1754%	5.2133%
Proforma Income Tax at Present / Proposed Rates	65,719	10,327	265,887	41,782
Per Books Amount / Present Rates	64,341	27,427	65,719	10,327
Proforma adjustment	\$1,378	(\$17,100)	\$200,168	\$31,455

⁽¹⁾ Based on a 6.25% statutory rate for SIT and 35% for FIT

an Water Com	Total Revenue \$1,229,456 340,989 362.333	Proposed Pro Forma Rates Sales ('000 Gal) 251,641 99,993 136 131 3	Total Revenue \$1,446,608 413,157	Case No Schedu Dollar Change \$217,152 72,168	Schedule CAS-13-MEX Schedule CAS-13-MEX Page 1 of 1 ar Percentage ge Change 17.66%
Class/ Description Monthly Billing: Residential Commercial Industrial Other Public Authority Class/ Sale (1000 C	Total Revenue \$1,229,456 340,989 362.333	Proposed Pro Fo Sales ('000 Gal) 251,641 99,993	Total Revenue \$1,446,608 413,157	Dollar Change \$217,152 72,168	Percentage Change 17.66
Class/ Description Sale ('000 C Monthly Billing: Monthly Billing: Monthly Billing: 251 Commercial Commercial Industrial 136 Other Public Authority 137	Total Revenue \$1,229,456 340,989 362.333	Sales ('000 Gal) 251,641 99,993	Total Revenue \$1,446,608 \$13,157	Dollar Change \$217,152 72,168	Percentage Change
Monthly Billing: Residential Commercial Industrial Other Public Authority	\$1,229,456 340,989 362.333	(000 Gal) 251,641 99,993 136 131	\$1,446,608 413,157	Change \$217,152 72,168	Change 17.669
Residential Commercial Industrial Other Public Authority	\$1,229,456 340,989 362.333	251,641 99,993 136 131	\$1,446,608 413,157	\$217,152 72,168	17.66
Commercial Industrial Commercial	340,989 362.333	99,993 136 131	413,157	72,168	01.10
Other Public Authority	362.333	126 131	100 004		21.16%
Other Dublic Authority		100,101	382,007	19,674	5.43%
8 Other Water Utilities 113 080	193,065 322 087	63,060	218,573	25,508 370	13.21%
Miscellaneous	648	130	323,337	3/0	0.11%
Private Fire	77 531	0 0	77 531	.	0.00%
Public Fire	0	0 (164,669	164,669	0.00%
12 Iotal 664,025	2,527,009	664,025	3,026,550	\$499,541	19.77%
15 Miscellaneous Revenues:					
17 Reconnect Charges	5,455		5,455	0	0.00%
19 Application Fee	22,800		22.800 22.800	> C	0.00%
	5,835		5,835	0 (0.00%
21 Rents from Water Property 22	C		0	0	0.00%
23					
14 14	\$2,561,819		\$3,061,360	499,541	19.50%
i Gr					
20 27					
28 29					
30					
3 C					
33 6					
34 35					
36					
37 38					
39 40					

Classor Service Commission Classor Company Proposed Pro Forms Rates Classor Rates Proposed Total Dollar Page Rates Current Total Meter Sales Proposed Pro Forms Rates Page Page Page All Michael Sales 1.000 Class Proposed Total Dollar Page Page Meter Sales Proposed Total Dollar Page All Michaels \$3.50 \$3.51 1.00 All Michaels \$3.50 \$4.33.488 \$7					12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	ember 31, 2002				
Customer	Company District: N	Public Service 7: Missouri-An Mexico	e Commission nerican Water	Company							Case No Schedu	le CAS-14-MEX
Classophiton Medical Political Description Customers Control Political Description Ratie Revienue Customers Proposed Total Description Dollar Ratie Percentage Residential: 51,000 \$7,088 \$381,0779 \$1,000 \$82.50 \$433,488 \$72,419 \$74.				Present Pro F	orma Rates			Propo	osed Pro Form	a Rates		rage i oi i
Residential: Billings (2000 Gal) Retis Revenue Billings (2000 Gal) Pairs Revenue Change Minimum Channes 51,000 \$7.08 \$361,079 51,000 \$8.50 \$433,498 \$72,419 Change		Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter		Proposed	Total	Dollar	Doronton
Melinam Chanch \$1,000 \$361,0079 \$1,000 \$85.0 \$433,498 \$72,419 3d" Monthly 12 9.06 \$361,079 \$1,000 \$85.0 \$433,498 \$72,419 3d" Monthly 12 9.06 109 12 10,90 \$433,498 \$72,419 2" Monthly 12 2.004 156 2.004 2			Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Serimenticol Color \$1,000 \$7,06 \$351,079 \$1,000 \$85.0 \$433,488 \$772,419 22 11 Amonthly 12 9.06 10.90 11.02 10.90 131 22 22 11 11 10.90 131 22 22 11 10.90 131 22 22 11 10.90 131 22 22 11 10.90 131 22 22 11 10.90 131 22 22 11 10.90 131 40 22 22 11 10.90 10.90 10.90 10.90 22.80 0 0 22.80 0		sidential:									d	
# Monthly 12		" Monthly			\$7.08	\$361 079	51 000		\$8 50 50	\$433 408	¢72 /10	20 06%
**Monthly		"Monthly	12		9.06	109	12		10 90	131	\$1.4.1 \$1.4	20.00%
2" Monthly 12 22.33 0 0 0 2.66.0 0 0 2.4 Monthly 12 33.71 405 12 40.50 486 81 3.2 3" Monthly 10 89.15 0 0 72.00 40 80 81 52 4" Monthly 0 192.33 0 0 72.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Monthly	156		12.84	2,004	156		15.40	2.404	400	19.96%
2º Monthly 12 33.71 405 12 40.50 486 81 2 3º Monthly 0 98.15 0 0 115.00 0 0 6° Monthly 0 182.93 0 0 232.00 0 0 6° Monthly 0 306.65 0 0 0 386.00 0 0 10° Monthly 0 520.92 0 0 625.00 0 0 12° Monthly 0 899.27 0 0 0 825.00 0 0 12° Monthly 0 899.27 0 0 0 825.00 0 0 12° Monthly 0 122.93 0 0 0 825.00 0 0 12° Monthly 0 122.93.50 122.93 0 0 0 10.032.00 0 0 12° Monthly 0 122.93 0 0 0 10.032.00 0 0 0 12° Monthly 0 122.93 0 0 0 10.032.00 0 0 0 12° Monthly 0 122.93 0 0 0 10.032.00 0 0 0 12° Monthly 0 122.93 0 0 0 10.032.00 0 0 0 12° Monthly 0 122.93 0 0 0 10.032.00 0 0 0 12° Monthly 0 122.93 0 0 0 10.032.00 0 0 0 12° Monthly 0 122.93 0 0 0 10.032.00 0 0 0 12° Monthly 0 122.93 0 0 0 10.032.00 0 0 0 12° Monthly 0 122.93 0 0 0 10.032.00 0 0 0 0 12° Monthly 0 122.93 0 0 0 0 0 0 0 0 12° Monthly 0 122.93 0 0 0 0 0 0 0 0 12° Monthly 0 122.93 0 0 0 0 0 0 0 0 12° Monthly 0 122.93 0 0 0 0 0 0 0 0 0 12° Monthly 0 122.93 0 0 0 0 0 0 0 0 0 0 12° Monthly 0 122.93 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12° Monthly 0 122.93 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		/2" Monthly	0		22.33	0	0		26.80	0	0	0.00%
4" Monthly 0 60.24 0 0 72.00 0 4" Monthly 0 192.93 0 0 118.00 0 0 8" Monthly 0 192.93 0 0 232.00 0 0 0 8" Monthly 0 50.965 0 0 232.00 0 0 0 10" Monthly 0 50.922 0 0 625.00 0 0 0 12" Monthly 0 859.27 0 0 625.00 0 0 0 12" Monthly 0 859.27 0 0 625.00 0 0 0 12" Monthly 0 859.27 0 0 625.00 0 0 0 12" Monthly 0 859.27 0 0 0 625.00 0 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 12" Monthly 0 83,350 \$3,557 84,014.0 948,709 105,625 1 18" Second Block 5,161 1,0385 5,360 5,161 4,014.0 20,717 15,382 1		Monthly	12		33.71	405	12		40.50	486	æ ,	20.00%
4" Monthly or another of the Monthly		Monthly	0		60.24	0	0		72.00	0	o :	0.00%
8" Monthly 0 182.93 0 0 282.00 0 0 0 100 monthly 0 182.93 0 0 0 386.00 0 0 0 100 monthly 0 185.27 0 0 0 386.00 0 0 0 120 monthly 0 1859.27 0 0 0 1,032.00 0 0 0 120 monthly 0 120 monthly 0 120 monthly 0 1859.27 0 0 1,032.00 0 0 0 1,032.00 0 0 0 120 monthly 0 120 monthl		Monthly	0		98.15	0	0		118.00	0 (0 (0.00%
10" Monthly 0 520,92 0 0 625,00 0 0 12" Monthly 0 859.27 0 0 0 1,032,00 0 0 0 12" Monthly 0 859.27 0 0 0 1,032,00 0 0 0 1,032,00 0 0 0 12" Monthly 0 859.27 0 0 0 1,032,00 0 0 0 0 12" Monthly 0 859.27 0 0 0 1,032,00 0 0 0 0 12" Monthly 0 859.27 0 0 0 1,032,00 0 0 0 0 0 12" Monthly 0 15,025 10 1,032,00 1,032,00 10 1,032,00 10 1,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 1,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,032,00 11,0		Monthly	0		192.93	0	0		232.00	0	0	0.00%
Volumetric Charges: First Block 236,350 \$3,5571 843,084 236,350 \$4,0140 948,709 105,625 117,152 Third Block 3,932 1,988 7,857 3,932 4,0140 948,709 105,625 117,783 7,926 117,783 7,926 117,783 7,926 117,783 117,783 7,926 117,783 117,782 117,715,782 117,7152 117,		Monthly	o c		306.65	o C	0		368.00	0	0	0.00%
Volumetric Charges: 236,350 \$3,5671 843,084 236,350 \$4,0140 948,709 105,625 7,926		Monthly	> C		26.032	o c	o C		625.00	. 0	0	0.00%
Volumetric Charges: 236,350 \$3.5671 843,084 236,350 \$4.0140 948,709 105,625 First Block 3,922 1,983 7,887 3,932 4,0140 15,783 7,926 110,796 Third Block 6,198 1,0421 9,558 6,198 4,0140 24,880 15,322 11 Fourth Block 5,161 1,0385 5,380 5,161 4,0140 20,717 15,322 11 FAL's and Credits 0 0 0 0 0 0 0 0 Total 251,641 \$1,229,456 251,641 \$1,446,808 \$217,182		į	•		000	c	c		1,032.00	c	c	0.00%
First Block 236,350 \$3.5671 843,084 236,350 \$4.0140 948,709 105,625 7.857 7.858 6.198 4.0140 215,783 7.926 110 7.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		lumetric Charo	es:									
Second Block 3,932 1,983 7,857 3,932 4,0140 15,783 7,926 10 Third Block 6,198 1,5421 9,558 6,198 4,0140 24,880 15,322 11 FAL's and Creditis 0 0 0 0 0 0 0 0 0 Reconcile to Books 251,641 \$1,229,456 251,641 \$1,446,608 \$217,152 0 Total 251,641 \$1,446,608 \$217,152 0		st Block		236,350	\$3.5671	843,084		236,350	\$4.0140	948,709	105,625	12.53%
Third Block Fourth Block Fourth Gredits Fourth Gred		cond Block		3,932	1.9983	7,857		3,932	4.0140	15,783	7,926	100.88%
Fourth Block 5,161 1.0385 5,360 5,161 4.0140 20,717 15,357 28 FAL's and Credits 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		rd Block		6,198	1.5421	9,558		6,198	4.0140	24,880	15,322	160.31%
Reconcile to Books 251,641 \$1,229,456 251,641 \$1,446,608 \$217,152		urth Block I 's and Credits	•	5,161 0	1.0385	5,360		5,161	4.0140	20,717	15,357	286.51%
Total <u>251,641</u> <u>\$1,229,456</u> <u>251,641</u> <u>\$1,446,608</u> <u>\$217,152</u>		concile to Bool	ŝ			(ć		c	o c	0.00%
		<u>a</u>		251,641	1	\$1,229,456		251.641		\$1.446.608	\$217 152	17 66%
27 7 7 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	25 25								п			
28 29 30 31 31 32 33 34 35 36 37 37	27											
37 38 38 39 39 30 30 30 30 30 30 30 30 30 30 30 30 30	2 & 2 &											
31 32 33 34 35 36 37 38	30											
32 33 34 35 36 37 38 39	3 23											
34 35 36 37 38 39	<u>ფ</u> ჯ											
35 36 37 37 38	34											
36 37 38 39	35											
38 39 40	း အ											
39	28 ×											
40	39 6											
	40											

Character Marcian Continue				12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	ember 31, 2002	2			
Customer Present Pro Forms Rates Customer Proposed Total Customer Customer Customer Sales Current Total Customer Sales Proposed Total Change Commercial: Milmum Customer Sales Proposed Total Change Cha	Missouri Publ Company: Mis	ic Service Commi souri-American \	ission Water Company			i				Case No. Schedul	. WR-2003-XXX le CAS-14-MEX
Classor Customert Customert Customert Customert Customert Customert Colsoner Customert Colsoner Customert Customert Colsoner Colsoner Proposed Total Dollar Percentage Commercial: Billings (2000 Gal) Rate Revenue Change Change <th></th> <th></th> <th>Present Pro F</th> <th>orma Rates</th> <th></th> <th></th> <th>Prop</th> <th>osed Pro Form</th> <th>a Rates</th> <th></th> <th>rage 4 OI -</th>			Present Pro F	orma Rates			Prop	osed Pro Form	a Rates		rage 4 OI -
Commercial: Billings (7000 Gal) Rate Revenue Billings (7000 Gal) Rate Revenue Change				Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
Minimal Claimes Minimal Claimes 4,144 \$7,08 \$29,388 4,144 \$9,50 \$35,222 \$5,884 36F Monthly 823 19,06 743 82 10,90 894 151 1* Monthly 923 12,84 11,861 123 10,90 894 151 2* Monthly 10 22,33 123 10 28,80 12,81 151 2* Monthly 10 23,37 15,709 496 40,50 18,873 3,164 3* Monthly 10 23,23 1,929 10 28,80 24,28 4* Monthly 10 98,15 904 15 70,00 18,873 3,164 4* Monthly 10 98,15 904 15 70 1,887 3,164 5* Monthly 10 30,65 1,920 10 232,00 2,320 391 6* Monthly 0 520,92 0 0 625,00 2,320 391				Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Size Monthly 4,144 \$7,08 \$29,338 4,144 \$85.0 \$35,222 \$5,884 3d* Monthly 82 9,06 7,743 82 10,90 894 151 1* Monthly 92 12,284 11,851 923 15,40 14,214 2,963 2* Monthly 10 23,33 22,33 22,33 12,24 12,923 12,243		n Charna.									
1* Monthly B2 0.06 743 82 10.00 743 82 10.00 894 10.51 10.51 10.51 10.52 10.00 894 10.51 10.51 10.51 10.52 10.50 10.54 14.214 2.363 11.40 14.214 2.363 12.41 14.214 2.363 12.42 14.214 2.363 12.42 14.214 2.363 12.42 14.214 2.363 12.42 14.214 2.363 12.23 12.23 12.23 12.23 14.65 22.33 12.28 2.23 14.65 42.50 18.873 3.164 3 Monthly 10 98.15 90.21 90.21 10 20.22 0 118.00 0		<u> </u>	.144	\$7.08	\$29.338	4.144		\$8.50	\$35 222	\$5 884	20 08%
11 Monthly 923 12.84 11.851 923 15.40 14.214 2.363 11.12** Monthly 15 69.24 69.4 15 72.00 14.50 18.873 3.164 3.371 15.709 466 46.50 18.873 3.164 3.371 15.709 466 46.50 18.873 3.164 3.371 15.709 466 46.50 18.873 3.164 3.371 4.5709 466 46.50 18.873 3.164 4.5709			82	9.06	743	82		10.90	894	151	20.32%
2" Monthly 10 22.33 223 10 2680 268 45 27 28 28 31 45 27 28 31 45 28 31 45 28 31 45 28 31 45 28 31 45		•	923	12.84	11,851	923		15.40	14,214	2,363	19.94%
2 Monthly 465 33.71 15,709 486 40.50 18,873 3,164 47 Monthly 15 60,24 50,0 15,709 486 40.50 18,873 3,164 47 Monthly 10 192,93 1,929 10 118,00 232,0 391 176 67 Monthly 10 192,93 1,929 10 0 368,00 0 0 12 Monthly 10 192,93 1,929 10 0 10 1,032,00 10 0 12 Monthly 10 192,93 1,929 12 Monthly 10 192,93 1,786 12,786 1		thly	3	22.33	223	10		26.80	268	45	20.18%
4 Monthly 10 98.15 10 10 118.00 10 176 or Monthly 10 182.93 1,929 10 182.00 232.00 2320 391 or Monthly 10 192.93 1,929 10 232.00 2320 391 or Monthly 10 192.92 0 0 232.00 0 0 192.90 10 10 10 10 10 10 10 10 10 10 10 10 10			466	33./1	15,709	466		40.50	18,873	3,164	20.14%
8° Monthly 10 192.93 1,929 10 222.00 2,320 391 10 10 10 10 10 10 10 10 10 10 10 10 10		DIV S	0 0	98.15	0 + 0	0 [118.00	000,1	0/1	0.00%
10* Monthly 0 306.65 0 0 388.00 0 0 10 10* Monthly 0 520.92 0 0 525.00 0 0 10* Monthly 0 859.27 0 0 0 1,032.00 0 0 0 1 1,032.00 0 0 0 12* Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 12* Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 0 12* Monthly 0 859.27 0 0 1,032.00 0 0 0 0 0 1 1,032.00 0 0 0 0 0 1 1,032.00 0 0 0 0 0 1 1,032.00 0 0 0 0 1 1,032.00 0 0 0 0 1 1,032.00 0 0 0 0 1 1,032.00 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Taly	10	192.93	1,929	10		232.00	2,320	391	20.27%
Volumetric Charges: 75,985 \$3,1385 237,568 75,985 \$4,0140 303,839 66,271 271 First Block 24,298 1,7583 42,724 24,298 1,5000 30,447 (6,277) 271 Fourth Block 0 1,3563 42,724 24,298 1,5000 36,447 (6,277) 271 FAL's and Credits 0 0,9137 0 0 1,5000 0 0 0 Reconcile to Books 99,993 \$340,999 99,993 \$413,157 \$72,168 372,168 372,168		#h/v	> <	500.60	> C	o c		368.00	o 0	, o	0.00%
Volumetric Charges: 75,695 \$3.1385 237,568 75,095 \$4.0140 303,839 66,271 24,298 Flist Block 24,298 1,7583 42,724 24,298 1,5000 36,447 (6,277) 24,298 1,5000 36,447 (6,277) 24,298 1,5000 0 <td></td> <td>ithiv</td> <td>> C</td> <td>859 27</td> <td>> c</td> <td>> c</td> <td></td> <td>1 023.00</td> <td>o c</td> <td>o c</td> <td>0.00%</td>		ithiv	> C	859 27	> c	> c		1 023.00	o c	o c	0.00%
Volumetric Charges: 75,695 \$3,1385 237,568 75,695 \$4,0140 303,839 66,271 27,768 Second Block 24,298 1,7563 42,774 24,298 1,5000 36,447 (6,277) -7,77 Third Block 0 1,563 42,774 24,298 1,5000 36,447 (6,277) -7,77 Fourth Block 0 0,9137 0 0 1,5000 0 0 0 0 FAL's and Credits 0 0,9137 0		į	•	i.	¢	Ç		1,002.00	c	c	0.00%
First Block 75,695 \$3.1385 237,568 75,695 \$4.0140 303,839 66,271 25 Second Block 24,298 1,7583 42,724 24,298 1,5000 36,447 (6,277) Fourth Block 0 0,9137 0 0 0 1,5000 0 0 0 0 FAL's and Credits 0 0 0,9137 0 0 0 1,5000 0 0 0 0 0 Total 99,993 \$340,989 99,993 \$430,989 99,993 \$413,157 \$72,168 2		ric Charges:									
Second Block 24,298 1,7683 42,724 24,298 1,5000 36,447 (6,277) Third Block 0 0 1,3568 0 0 1,5000 0		ck	75,695	\$3.1385	237,568		75,695	\$4.0140	303,839	66,271	27.90%
Fourth Block Fourt		Block	24,298	1.7583	42,724		24,298	1.5000	36,447	(6,277)	-14.69%
FAL's and Credits 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Block	0 (0 9137	> C		o c	1.5000) C	. c	0.00%
Total 99,993 \$340,989 99,993 \$413,157 \$72,168 2		nd Credits	0	,	0		0 (0 (0 (0.00%
Total 99,993 \$340,989 99,993 \$413,157 \$72,168 2		le to Books		ı					,	0 (0.00%
			99,993	i 1	\$340,989		99,993		\$413,157	\$72,168	21.16%
27 28 28 31 31 31 32 33 34 35 36 36 37	25			11				11			
28 29 30 31 32 33 34 35 36 37 38 39 40	27										
30 31 31 32 33 34 34 35 36 37 38	28 28										
31 32 33 34 35 36 37 38 39	30										
32 33 34 35 36 37 38 39	3 4										
34 35 36 37 38 39	 33 X										
35 36 37 38 39	34										
36 37 38 39	သ										
38 39 40	36										
39	37										
40	 သ										
	40										

Uri-American Water Company Present Pro Forma Rates Customer Customer Sales Current Total Meter Sales Billings ('000 Gal) Rate Revenue Billings ('000 Gal) Yharge: 12 \$7.08 \$85 12 Yh 0 9.06 0 0 Yh 0 12.84 758 59 1thly 0 22.33 0 0 24 60.24 1,446 24 47 98.15 4,613 47 46 192.93 8,875 46	Proposed Pro Forma Rates les Proposed Tota (Gal) Rate Rever 10.90 15.40 26.80 40.50 72.00 118.00 232.00 10 368.00 625.00 1,032.00	Forma Rates Total Revenue 50 \$102 90 0 40 909 80 2,916 00 1,728 00 10,672 00 0 00 0	Case NO. WR-2003-XXX Schedule CAS-14-MEX Page 3 of 7 Dollar Percentage Change Change \$17 20.00% 0 0.00% 151 19.92% 0 0.00% 489 20.15% 282 19.50% 933 20.23% 1,797 20.25% 0 0.00% 0 0.00% 0 0.00%
Class/ Customer Customer Customer Description Meter Sales Current Total Meter Sales Industrial: Billings ('000 Gal) Rate Revenue Billings ('000 Gal) Minimum Charge: 12 \$7.08 \$85 12 5/8" Monthly 12 \$7.08 \$85 12 3/4" Monthly 0 9.06 0 0 1" Monthly 59 12.84 758 59 1-1/2" Monthly 72 33.71 2,427 72 3" Monthly 24 60.24 1,446 24 4" Monthly 47 98.15 4,613 47 6" Monthly 46 192.93 8,875 46	Proposed Pro F les Proposed Gal) Rate 10.9 15.4 26.8 40.8 72.0 118.0 232.0 368.0 1,032.0	Torma Rates d Total Revenue 50 \$102 90 0 40 909 80 0 50 2,916 00 1,728 00 5,546 00 10,672 00 0	Dollar Change \$17 0 151 0 489 282 933 1,797 0
Class/ Customer Customer Description Meter Sales Current Total Meter Sales Industrial: Billings ('000 Gal) Rate Revenue Billings ('000 Gal) Minimum Charge: 12 \$7.08 \$85 12 5/8" Monthly 12 \$7.08 \$85 12 3/4" Monthly 0 9.06 0 0 1" Monthly 59 12.84 758 59 1-1/2" Monthly 0 22.33 0 0 2" Monthly 72 33.71 2,427 72 3" Monthly 24 60.24 1,446 24 4" Monthly 47 98.15 4,613 47 6" Monthly 46 192.93 8,875 46	les Proposee Gal) Rate \$8.5 10.9 15.4 26.8 40.5 72.0 118.0 232.0 368.0 625.0 1,032.0	Total Revenue \$102 90 0 40 90 80 0 2,916 00 1,728 00 5,546 00 10,672 00 00 00 00 00 00 00 00 00 00 00 00 00	Dollar Change \$17 0 151 0 489 282 933 1,797 0
harge: \$7.08 \$85 12 by 12 \$7.08 \$85 12 by 0 9.06 0 0 by 0 12.84 758 59 thly 0 22.33 0 0 thly 72 33.71 2,427 72 24 60.24 1,446 24 47 98.15 4,613 47 46 192.93 8,875 46		Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Change \$17 0 151 0 489 282 933 1,797 0
triarge: 12 \$7.08 \$85 19 0 9.06 0 12.84 758 159 12.84 758 1619 0 22.33 0 22.33 0 33.71 2,427 24 60.24 1,446 47 98.15 4,613 48 192.93 8,875	\$8.5 10.9 15.2 26.8 40.5 72.0 118.0 232.0 368.0 625.0 1,032.0		\$17 0 151 0 489 282 933 1,797 0 0
by 0 9.06 0 12.84 758 12.33 0 14.46 47 98.15 4,613 8,875	10.5 10.5 26.8 26.8 40.5 72.0 118.0 232.0 368.0 625.0 1,032.0		\$17 0 151 0 489 282 933 1,797 0 0
thly 0 12.84 758 thly 0 22.33 0 22.33 0 33.71 2,427 24 60.24 1,446 47 98.15 4,613 46 192.93 8,875	15.4 26.8 40.5 72.0 118.0 232.0 368.0 625.0 1,032.0		151 0 489 282 933 1,797 0 0
thly 0 22.33 0 72 33.71 2,427 24 60.24 1,446 47 98.15 4,613 46 192.93 8,875	26.8 40.5 72.0 118.0 232.0 368.0 625.0 1,032.0		1,797 0 0 1,797 0 0
72 33.71 2,427 24 60.24 1,446 47 98.15 4,613 46 192.93 8,875	40.5 72.0 118.0 232.0 368.0 625.0 1,032.0	,	489 282 933 1,797 0
24 60.24 1,446 47 98.15 4,613 46 192.93 8,875	72.0 118.0 232.0 368.0 625.0 1,032.0		282 933 1,797 0 0
47 98.15 4,613 46 192.93 8,875	118.0 232.0 368.0 625.0 1,032.0		933 1,797 0 0
46 192.93 8,875	232.0 368.0 625.0 1,032.0		1,797 0 0 0
•	368.0 625.0 1,032.0		000
0 306.65 0	625.0 1,032.0	00	0 0
520.92	1,032.0	00	0
0 77.659			
Volumetric Charges:			
12,124 \$4.6869 56,824	12.124 \$4.0140	40 48.666	(8 158)
ock 60,583 2.6256 159,066			52.973
61,412 2.0263 124,440			(29.251)
2,100 1.3645 2,865			390
Reconcile to Books (88) 934 ((88)	985	51
136 131	100 101	F00 000	2002
			4 : 0 0

Fig. Class Clastomer Present Pro Forma Rates Clastomer	Classic Customer Clastomer Clastom	Missouri Public Service Commission	ommission		12	12 Month Test Period Ended December 31, 2002	iod Ended Dece	mber 31, 2002	~		Case No. WR-2003-XXX	.≤
Class Customer Description Billings Fresent Pro Forma Rates Customer Description Billings Current From Description Billings Current From Description Billings Customer Formal Rates Customer Description Billings Customer Description Billings Customer Formal Rates Customer Description Billings Customer Description Billings Customer (000 Gal) Total Rate Dollar Proposed Total Total Dollar Dollar Change Indicates 667 Monthly Set Monthly 415 35 44 Monthly 415 40 40 40 40 40 40 40 40 40 40 40 40 40	Classic Customer Entrope Formal Rates Proposed Pro Formal Rates Customer Entrope Course Proposed Pro Formal Rates Colar Duble Total Rates Colar Revenue Colar Rate Rates Colar Rate Rates Colar Rat	strict: Mexico	ican water	company							Schedu	12 원
Class	Classor Customer bardption Customer ballings Cu			Present Pro Fo	orma Rates			Prop	osed Pro Form	a Rates		1 196 4 01 1
Other Public Authority: Ratie Revenue Billings (000 Ga) Rate Revenue Change SG** Monthly 415 \$7.08 \$2.938 415 \$3.50 \$3.528 \$5.90 1* Monthly 18 9.06 18.3 18 10.30 196 33 1* Monthly 28 12.84 2.928 22.8 10.30 196 33 2* Monthly 440 33.71 14.832 440 40.50 13.511 583 3 Monthly 12 60.24 2.189 36 72.80 12.80 12.80 12.80 12.80 22.80 22.80 22.80 33 14.80 14.81 22.80 17.20 2.983 34 440 40.90 14.82 42.80 440 40.90 14.82 42.98 440 40.90 14.82 42.98 440 40.90 14.82 42.98 440 40.90 14.82 42.98 42.98 42.98 42.98 42.98	Other Public Authority: CROO Gal) Raile Revenue Billings (2000 Gal) Raile Revenue Change 56° Monthly 415 \$7.06 \$2.938 415 \$3.50 \$3.528 \$590 34° Monthly 228 2.938 415 \$8.50 \$3.528 \$590 1 **Monthly 20 2.233 1.4822 240 26.80 3.511 563 2 Monthly 440 2.928 2.23 40 26.80 3.511 563 3 Monthly 12 60.24 2.169 36 72.00 1.2820 2.988 3 **Monthly 12 192.93 1,178 12 72.00 2.988 2.388 4 **Monthly 0 192.93 192.93 0 20.00 1.416 2.38 5 Monthly 0 206.55 0 0 3.880 1.416 2.38 6 Monthly 0 206.55 0 0 3.880 0 0	Class/ Description	ustomer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	70
Minimum Charges 5678 Monthly 1415 5678 Monthly 1415 5678 Monthly 1415 5678 Monthly 1415 11284 11294 12288 11294 12288 11294 12288 11294 12288 11294 12288 11294 12288 11294 12288 11294 12288 11294 12288 11294 12288 11294 12288 11294 12288 11294 12288 11294 1233 1240 1240 12582 1440 12582 125	Minimum Charge: 568* Monthly 56	Other Public Author	Billings rity:	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	1
Sper Monthly 415 \$7.08 \$2.938 415 \$8.50 \$3,528 3uf Monthly 18 9.06 163 18 10,50 196 11 1 Honthly 28 9.06 163 18 10,50 196 1 Honthly 20 22.33 20 20 26.80 30 2 Monthly 36 92.43 2,189 36 72.00 2,890 3 Monthly 12 98.15 1,178 12 118.00 1,460 3 Monthly 10 98.15 1,178 12 72.00 2,592 3 Monthly 10 98.15 1,178 12 118.00 1,416 4 Monthly 0 98.15 1,178 12 388.00 0 5 Monthly 0 98.15 1,178 0 388.00 0 10**Monthly 0 89.27 0 0 1,032.00 0 12**Monthly 0 89.27	SGE Monthly 415 \$7.08 \$2.938 415 \$8.50 \$3,528 3l/4" Monthly 28 1.9.6 163 1.8 10.90 196 1" Monthly 28 1.28 1.28 1.28 1.96 2" Monthly 40 22.33 20 0 28.60 17.820 2" Monthly 36 60.24 2.1692 36 12 28.60 17.820 2" Monthly 12 86.15 1.178 12 118.00 1,7820 2" Monthly 12 86.15 1.178 12 118.00 1,446 2" Monthly 0 306.65 0 0 32.800 0 10" Monthly 0 520.92 0 0 232.00 0 10" Monthly 0 89.27 0 0 22.800 0 10" Monthly 0 89.27 0 0 1.032.00 0 10" Monthly 0 32.830 \$3.380 </td <td></td>											
304" Monthly 228 12,34 2,928 228 15,30 196 11,11/21 Monthly 228 12,34 2,928 228 15,40 3,511 1-1/12 Monthly 440 22,33 4,92 228 15,40 3,511 1-1/12 Monthly 440 22,33 4,92 228 15,40 3,511 11,11/21 Monthly 36 60,24 2,169 36 72,00 2,582 24 Monthly 12 98.15 1,178 12 12 116,00 1,416 6° Monthly 0 10 192,93 0 0 232,00 0 1,416 10° Monthly 0 10 520,92 0 0 0 232,00 0 1,416 11,00 12 12° Monthly 0 10 520,92 0 0 0 520,92 0 0 1,00 0 1,00 0 12° Monthly 0 10 520,92 0 0 0 1,00 0 0 1,00 0 0 12° Monthly 0 10 689,27 0 0 0 1,00 0 0 0	304" Monthly 228 12.84 2.998 228 15.40 3.511 1-1/2" Monthly 228 12.84 2.998 228 15.40 3.511 1-1/2" Monthly 440 22.33 4.0 2.898 228 4" Monthly 36 60.24 2.169 36 72.00 2.592 4" Monthly 12 98.15 1.178 12 118.00 17.820 8" Monthly 0 306.65 0 0 0 28.800 0 10" Monthly 0 306.65 0 0 0 28.800 0 12" Monthly 0 850.92 0 0 0 255.00 0 12" Monthly 0 859.27 0 0 0 1.032.00 0 12" Monthly 0 859.27 0 0 0 1.032.00 0 12" Monthly 0 859.27 0 0 0 7.032.00 0 12" Monthly 0 859.27 0 0 0 0 7.032.00 0 12" Monthly 0 859.27 0 0 0 0 7.032.00 0 12" Monthly 0 859.27 0 0 0 0 7.032.00 0 12" Monthly 0 859.27 0 0 0 0 7.032.00 0 12" Mo		415		\$7.08	\$2.938	415		\$8.50	\$3.508	\$ 500	
**Monthly	**Monthly 228		≅ 8		9.06	163	18		10.90	196	33 33	
2: Monthly 440 22.33 0 0 2.800 7.00 2.800 0 2.	2-Monthly 440 33.71 14,832 440 25.80 7.00 22.30 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7		228		12.84	2,928	228		15.40	3.511	583	
2º Monthly 30 60.24 2.169 33.71 14.832 440 40.50 17.820 3° Monthly 12 98.15 1,178 12 18.00 19.80 19.20	2º Monthly 340 33.71 14,832 440 40.50 17,820 3° Monthly 36 60.24 2,169 36 72.00 2,592 4° Monthly 12 98.15 1,178 12 12 18.00 1,46 6° Monthly 0 36.65 1,1782 0 0 36.55 0 0 0 388.00 0 12.592 10 0 0 388.00 0 12.592 10 0 0 223.00 0 12° Monthly 0 859.27 0 0 0 2625.00 0 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 12° Monthly 0 10 859.27 0 0 0 1,032.00 0 0 1,032.00 0 0 12° Monthly 0 10 859.27 0 0 0 1,032.00 0 1,032.00 0 1,032.00 0 1,032.00 0 1,032.00 0 1,032.00 0 1,032.00 0 1,032.00 0 1,032.00 0 1,032.00 0 1,032.00 0 1,032.00 0 1		0		22.33	0	0		26.80 26.80	0,0 -	0 0	
37 Monthly 36 60.24 2,169 36 72.00 2,592 4* Monthly 12 98.15 1,178 12 118.00 1,416 6* Monthly 0 12.93 0 0 232.00 1,416 6* Monthly 0 0 36.65 0 0 0 368.00 0 10° Monthly 0 0 520.92 0 0 0 368.00 0 12° Monthly 0 0 859.27 0 0 0 100 232.00 0 0 12° Monthly 0 0 859.27 0 0 0 1,032.00 0 0 12° Monthly 0 12°	3" Monthly 36 60.24 2,169 36 72.00 2,592 4" Monthly 12 98.15 1,178 12 12.00 1.446 5" Monthly 0 98.15 1,178 12 232.00 1.446 5" Monthly 0 306.65 0 0 0 388.00 0 12" Monthly 0 859.27 0 0 0 388.00 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 1,032.00 0 12" Monthly 0 11,032.00 0 0 1,032.00 0 0 12" Monthly 0 12" Monthly 0 11,032.00 0 0 0 1,032.00 0 0 0 1,032.00 0 0 0 1,032.00 0 0 0 1,032.00 0 0 0 1,032.00 0 0 0 1,032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		440		33.71	14,832	440		40.50	17.820	2 988	
4* Monthly 12 98.15 1,178 12 118.00 7,416 197.00 10 192.93 0 0 0 232.00 0 0 100 Monthly 0 0 520.92 0 0 0 625.00 0 120 Monthly 0 0 859.27 0 0 0 625.00 0 120 Monthly 0 0 859.27 0 0 0 1,032.00 0 120 Monthly 0 120 859.27 0 0 0 1,032.00 0 120 Monthly 0 120 859.27 0 0 0 1,032.00 0 120 Monthly 0 120 859.27 0 0 0 1,032.00 0 120 Monthly 0 120 859.27 0 0 0 1,032.00 0 120 Monthly 0 120 859.27 0 0 0 1,032.00 0 1,032.00 0 120 Monthly 0 120 Monthly 0 1120 1120 Monthly 0 120 Monthly 0 1120 Monthl	4* Monthly 12 98.15 1,178 12 116.00 1,416 197.00 198.00 0 197.00 198.00 0 197.0		36		60.24	2.169	36 36		72.00	2.592	423	
8° Monthly 0 192.93 0 0 232.00 0 0 10 10 10 10 10 10 10 10 10 10 10	8" Monthly 0 192.93 0 0 232.00 0 0 10" Monthly 0 520.92 0 0 0 525.00 0 0 10" Monthly 0 520.92 0 0 0 525.00 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 12" Monthly 0 859.27 0 0 1,032.00 0 0 1,032.00 0 0 12" Monthly 0 12" Monthly 0 11,28		12		98.15	1,178	12		118.00	1,416	238	
Re Monthly 10" Monthly 10	er Monthly 0 306.65 0 0 388.00 0 10° Monthly 0 520.92 0 0 625.00 0 12° Monthly 0 859.27 0 0 465.00 0 12° Monthly 0 850.92 0 0 465.00 0 Volumetric Charges: First Block 32.830 \$3.380 111,228 32.830 \$4.0140 131,780 First Block 30.198 1.3890 57.375 30,198 1.9000 57.375 Total 14647 0 0 1.9000 57.375 Total 31.9000 0 0 0 57193.065 33.060 \$218.573 35		0		192.93	0	0		232.00	0	0	
10° Monthly 0 520.92 0 0 625.00 0 12° Monthly 0 859.27 0 0 1,032.00 0 Volumetric Charges: First Block 32,830 \$3.3880 111,228 32,830 \$4.0140 131,780 Second Block 30,198 1,8980 57,315 30,188 1,9000 57,375 Fourth Block 0 1,4647 0 0 1,9000 0 FAL's and Credits 32 314 32 1,9000 0 Reconcile to Books 63,060 \$193,065 63,060 \$218,573 35 Total 63,060 \$218,573 3	10° Monthly 0 520.92 0 0 625.00 0 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 1 1,032.00 0 0 0 1,032.00 0 0 0 1,032.00 0 0 0 1,032.00 0 0 1,032.00 0 0 1,032.00 0 0 1,032.00 0 0 1,032.00 0 0 1,032.00 0 0 1,032.00 0 0 1,032.00 0 0 0 1,032.00 0 0 0 1,032.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0		306.65	0	0		368.00	0 (0 (
12" Monthly 0 859.27 0 0 1,032.00 0 Volumetric Charges: First Block Second Block Third Block Fourth Block Fourth Block Fourth Block FAL's and Creditis 32,830 0 \$3,3880 1,8980 0 111,228 1,8980 0 32,830 1,9000 0 \$4,0140 1,9000 0 131,780 1,9000 0 57,375 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Volumetric Charges: Volumetric Charges: 4 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0		520.92	0	0		625.00	0	0	
Volumetric Charges: Volumetric Charges: First Block 32,830 \$3,3880 111,228 32,830 \$4,0140 131,790 Second Block 30,198 1,8980 57,315 30,198 1,9000 57,375 Third Block 0 1,4647 0 0 1,9000 0 0 Fourth Block 0 0,9864 0 0 0 1,9000 0 0 FAL's and Creditis 32 314 32 1,9000 0 0 0 Reconcile to Books 63,060 \$193,065 63,060 \$218,573 4	Volumetric Charges: 32,830 \$3,3880 111,228 32,830 \$4,0140 131,780 Second Block 30,198 1,9880 57,315 30,198 1,9000 57,375 Third Block 0 1,4647 0 0 1,9000 0 Fourth Block 0 0,9864 0 0 0 0 FAL's and Credits 32 314 32 1,9000 0 Reconcile to Books 63,060 \$193,065 63,060 \$218,573 355 Total 63,060 \$218,573 3		0		859.27	0	0		1.032.00	0	0 (
Volumetric Charges: 32,830 \$3,3880 111,228 32,830 \$4,0140 131,780 Second Block 30,198 1,8880 57,315 30,198 1,9000 57,375 Third Block 0 1,4647 0 0 1,9000 0 FAL's and Credits 32 314 32 1,9000 0 Facconcile to Books 63,060 \$193,065 63,060 \$218,573 355 Total 63,060 \$218,573 3	Volumetric Charges: 32,830 \$3,3880 111,228 32,830 \$4,0140 131,780 Second Block 30,198 1,8980 57,315 30,198 1,9000 57,375 Third Block 0 1,4647 0 0 0 1,9000 0 FAL's and Creditis 32 314 32 1,9000 0 0 Reconcile to Books 63,060 \$193,065 63,060 \$218,573 4											
First Block 32,830 \$3,3880 111,228 32,830 \$4,0140 131,780 Second Block 30,198 1.8980 57,315 30,198 1.9000 57,375 Third Block 0 1.4647 0 0 0 1.9000 0 FAL's and Credits 32 314 32 314 32 32 355 Total 63,060 63,060 \$\$133,065 \$\$ \$133,065 \$\$ \$3,060 \$\$ \$\$218,573 \$\$ \$\$3,060 \$\$ \$\$218,573 \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	First Block 32,830 \$3,3880 111,228 32,830 \$4,0140 131,780 Second Block 30,198 1.8980 57,315 30,198 1.9000 57,375 Third Block 0 1.4647 0 0 0 1.9000 0 0 FAL's and Credits 32 314 32 314 32 355 Total 63,060 63											
Second Block 30,198 1.8980 57,315 30,198 1.9000 57,375 Third Block 0 1.4647 0 0 0 1.9000 0 0 FAL's and Creditis 32 314 32 32 355 Reconcile to Books 63,060 \$\frac{\$\$\frac{\$\$}{\$\$\frac{{3},060}{{3}}\$}\$}{\$\$\frac{{\$\$\frac{{3},060}}{{3}}\$}{\$\$\frac{{\$\$\frac{{3},060}}{{3}}\$}{\$\$\frac{{\$\$\frac{{3},060}}{{3}}\$}{\$\$\frac{{\$\$\frac{{3},060}}{{3}}\$}{\$\$\frac{{\$\$\frac{{3},060}}{{3}}\$}{\$\$\frac{{\$\frac{{3},060}}}{{3}}\$}\$	Second Block 30,198 1.8980 57,315 30,198 1.9000 57,375 Third Block 0 1.4647 0 0 0 1.9000 0 Fourth Block 0 0.8864 0 0 0 1.9000 0 FAL's and Credits 32 314 32 355 Total 63,060 \$			32,830	\$3.3880	111,228		32,830	\$4.0140	131,780	20,552	
Fourth Block 0 1.4647 0 0 1.9000 0 Fourth Block 0 0.9864 0 0 1.9000 0 FAL's and Credits 32 314 32 355 Reconcile to Books 63,060 \$193,065 63,060 \$218,573	Third Block 0 1,4647 0 0 1,900 0 Fourth Block 0 0,9864 0 0 1,900 0 FAL's and Credits 32 314 32 355 Reconcile to Books 63,060 5193,065 63,060 5218,573			30,198	1.8980	57,315		30,198	1.9000	57,375	60	
Fourth Block 0 0,9864 0 0 1,9000 0 FAL's and Credits 32 314 32 355 Reconcile to Books 63,060 \$193,065 63,060 \$218,573	Fourth Block 0 0.9864 0 0 1.9000 0 FAL's and Credits 32 314 32 355 Reconcile to Books 63,060 \$193,065 63,060 \$218,573 63,060 \$218,573 63,060 \$218,573	-		0	1.4647	0		0	1.9000	0	0	
Reconcile to Books 63,060 \$193,065 63,060 \$218,573 63,060 \$218,573	Reconcile to Books 32 314 32 355 Total 63,060 \$193,065 63,060 \$218,573 63,060 \$218,573			0	0.9864	0		0	1.9000	0	0	
Total 63,060 \$193,065 63,060 \$218,573	Total 63,060 \$193,065 63,060 \$218,573			32		314		32		355	41	
10ial \$193,065 \$218,573 \$218,573	\$193,065 \$3,060 \$218,573 \$218,573		1		1						0	
			ı	63,060	1 :	\$193,065		63,060		\$218,573	\$25,508	
26 27 27 28 29 30 31 31 32 33 34 35	27 27 28 29 30 31 31 31 32 33 33 34 34 35 36 37		1		11	4.00,000		00,000		ψΛ IO, U I	\$2J,JU0	
27 28 29 30 31 31 32 33 34 35 36 37	27 28 29 30 31 31 32 33 34 35 36 36 37	26 2										
28 29 30 30 31 31 32 33 34 35 36 37	28 29 30 31 31 32 33 34 35 36 37	27										
29 30 31 31 32 33 34 34 35 36 37	29 30 31 31 32 33 34 34 35 36 37	28										
30 31 31 32 33 34 35 36 37	30 31 31 32 33 34 35 36 37	29 1										
31 32 33 34 35 36	31 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 G										
37 32 33 34 35 36 37	37 32 33 34 35 36 37	(8										
33 34 35 36 37	33 34 35 36 37 38	3 33										
33 34 35 36 37	33 34 35 36 37 38	83										
34 35 36 37 37	34 35 36 37 38	33 S										
35 36 37 37	35 36 37 38	3 2										
36 37 38	36 37 38 39	¥ ñ										
37	37 38 39 39 39 39 39 39 39 39 39 39 39 39 39	5 S										
38	38	i 8										
	33 8	77										
	200	•										

.

ri-American Water (Customer Meter Billings Utilities:	Present Pro Forma Rates Sales Current ('000 Gal) Rate	Total Revenue	Customer Meter Billings	Prop Sales ('000 Gal)	Proposed Pro Forma Rates Proposed Tota	a Rates Total	Case No. Schedul	Case No. WR-2003-XXX Schedule CAS-14-MEX Page 5 of 7
Class/ Customer Description Meter Billings Other Water Utilities: Minimum Charge: 5/8" Monthly 0	nt Pro Forma Rates s Current Gal) Rate		Customer Meter Billings	Prop Sales ('000 Gal)	osed Pro Form Proposed Rate	a Rates Total		Page 5 of 7
Class/ Customer Description Meter Billings Other Water Utilities: Minimum Charge: 5/8" Monthly 0	Sal) Rate		Customer Meter Billings	Sales ('000 Gal)	Proposed Rate	Total		
Description Meter Billings Other Water Utilities: Minimum Charge: 5/8" Monthly 0	Cun Ra	Total Revenue	Meter Billings	Sales ('000 Gal)	Proposed Rate	Total		
Other Water Utilities: Minimum Charge: 5/8" Monthly 0		Keveride	Billings	(000 Gal)	Kate]	Dollar	Percentage
Minimum Charge: 5/8" Monthly	\$7 OS					Veverine	Cildilge	Change
5/8" Monthly	\$7 ∩s							
2/4" Monthly		8 \$0	0		\$8.50	≆	*	0 00%
3/4 MODULITY	9.06		0 (10.90	o 6	0 6	0.00%
1" Monthly	12.84		0 (15.40	0 (0 0	0.00%
1-1/2" Monthly	22.33		0		26.80	o (o (0.00%
	33.71	1.6.	48		40.50	1 944	336	20 15%
3" Monthly	60.24		24		72 00	1 728	380 030	10.50%
	98.15		o !		118.00	01:1:	0 1	0.00%
	192.93		0		232.00	0 (0 (0.00%
	306.65		0		368.00	o (.	0.00%
	520.92		0		625.00	ɔ (o (0.00%
14 12" Monthly 0	859.27		0		1 032 00	o (> (0.00%
10.00					,	•	•	
17 Volumetric Charges:								
First Block	2,412 \$5.8143	3 14.024		2.412	\$4 0140	9 682	(4 342)	-30 98%
Second Block				45.594	3 5000	159 579	11 070	7 45%
Third Block				57.544	2.1300	122.568	(22 074)	-15.26%
Fourth Block				34,675	2.1300	73,857	15,163	25.83%
22 FAL'S and CreditS (2)	(27,144)	(45,946)		(27,144)		(46,001)	(55)	0.12%
Tabel	200	200	1				c	0.00%
l otal	113,080	\$322,987		113,080	•	\$323,357	\$370	0.11%
	3		п		11			
27								
28								
29								
30								
32								
33								
34								
35								
36								
38								
39 40								

				12	12 Month Test Period Ended December 31, 2002	iod Ended Dece	mber 31, 2002				
Company: Misso	Missouri Public Service Commission Company: Missouri-American Water Company District: Maxico	e Commissio nerican Watei	n r Company							Case No Schedu	Case No. WR-2003-XXX Schedule CAS-14-MEX
			Present Pro Forma Rates	orma Rates			Prop	posed Pro Forma Rates	a Rates		rage o or /
Line #	Class/	Customer	Solo		-	Customer				l :	ı
	7	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Percentage Change
2 M	Miscellaneous:										
	Minimum Charge:										
	5/8" Monthly			\$7.08	\$0	0		\$8.50	\$0	\$0	0.00%
	3/4" Monthly	0		9.06	0	0		10.90	0	0	0.00%
	1" Monthly	0		12.84	0	0		15.40	0	0	0.00%
	1-1/2" Monthly	0		22.33	0	0		26.80	0	0	0.00%
	2" Monthly	0		33.71	0	0		40.50	0	0 •	0.00%
<u> </u>	3" Monthly	0		60.24	0	0		72.00	0	o (0 00%
	4" Monthly	0		98.15	0	0		118.00	0 (0 0	0.00%
	6" Monthly	0		192.93	0	0		232.00	0	0	0.00%
	8" Monthly			306.65	0	0		368.00	0	0	0.00%
1 0 1 0	10 Monthly	o c		520.92	· c	0		625.00	0	0	0.00%
	- Worlding	c		17.600	c	c		1,032.00	C	0	0.00%
17 o	Volumetric Charges:	Po.									
	First Block	ļ	0	\$0.0000	0		5	\$0,000	>	>	7900 0
	Second Block		0	0.0000	0 (5 6	0.000	> c	> c	0.00%
	Third Block		0	0.0000	0		0 (0.0000	၁ (> c	0.00%
	Fourth Block		0	0.0000	0		0	0.0000	0 (0 (0.00%
22 FA	FAL's and Credits	•	120		648		120		648	0	0.00%
	Reconcile to Books	€		i		ı				0 (0.00%
24 Total	<u>a</u>		120		\$648		120		\$648	\$0	0.00%
25				ı		11		II			0.000
3 6											
28 !											
29											
30											
<u> </u>											
<u>بر</u> در											
34											
္ဌ											
36											
37											
38											
3 6											
Ş											

mount Public Service Commission pany: Illisseuri-American Water Company: Index Medico Prospent Reales Consections Prospent Reales Proposed R			12	12 Month Test Period Ended December 31, 2002	12 Month Test Period Ended December 31, 2002			
Commedion Number Size Annual of Size Prosest Rates Proposed Rates </th <th>Missouri Public Service Commis Company: Missouri-American W: District: Mexico</th> <th>sion ater Company</th> <th></th> <th></th> <th></th> <th></th> <th>Case No Schedu</th> <th>o. WR-2003 ule CAS-14</th>	Missouri Public Service Commis Company: Missouri-American W: District: Mexico	sion ater Company					Case No Schedu	o. WR-2003 ule CAS-14
Connection Number Exercises Annual Connections Total Rate Annual Rate Annual Rate Total Rate Annual Rate Total Rate Connections Rate Revenue Rate Revenue Connections Rate Revenue Connections Rate Revenue Connections Rate Revenue Revenue Stoal Stoal <t< th=""><th></th><th></th><th>Present</th><th>Rates</th><th>Proposed</th><th>Rates</th><th></th><th>rage</th></t<>			Present	Rates	Proposed	Rates		rage
Private Fire Service: Indicator Institution (Private Fire Hydrant) Indicator (Private Fir		Number	Annual	Total	Annual	Total	Dollar	Percentage
Private Fire Hydrant 7, \$1,077.24 \$7,541 1,077.24 \$7,541 27				10000	, varo	NOVOLINO	Cialge	
2° 1 154.44 154 154.		7	\$1,077.24	\$7,541	1,077.24	\$7,541	\$0	-
3" 0 265.32 0 265.32 0 0 4" 10 420.84 4.208 420.84 420.80 0 6" 19 863.16 16,400 863.16 16,400 0 8" 11 1,485.36 16,339 1,485.36 16,339 1,485.36 16,339 0 10" 13 2,283.12 29,681 2,283.12 29,881 29,881 0 12" 1 3,285.36 3,255 3,255 3,255 3,255 0 FAL's and Credits (47) (47) (47) 0 0 Public Fire Protection: 62 \$77,531 \$77,531 \$77,531 \$9 104,689		<u> </u>	154.44	154	154.44	154	0	-
4° 10 420.94 4,208 420.84 4,208 0 6° 19 863.16 16,400 863.16 16,400 0 8° 11 1,485.38 16,339 1,485.36 16,339 0 10° 13 2,283.12 29,681 2,283.12 29,881 0 12° 1 3,255.38 3,255 3,255 3,255 3,255 0 FAL's and Credits (47) (47) (47) 0 0 Public Fire Protection: 62 \$77,531 \$77,531 \$77,531 \$90 0 Public Fire Hydrants 501 0.00 0 0 0 0 0 164,669 164,669 0 164,669 0 0		0	265.32	0	265.32	0	0	-
6° 19 863.16 16,400 863.16 16,400 0 6° 11 1,485.36 16,339 1,485.36 16,339 0 10° 13 2,283.12 29,681 2,283.12 29,681 0 12° 1 3,255.36 3,255 3,255.36 3,255.30 3,255.30 3,255.30 3,255.30 0 FAL's and Credits (47) (47) (47) 0 0 Public Fire Protection: Public Fire Hydrants 501 0.00 0 328.68 164,669 164,669 164,669 164,669		10	420.84	4,208	420.84	4,208	0	
8° 11 1,485.36 16,339 1,485.36 16,339 0 10° 13 2,283.12 29,681 2,283.12 29,681 0 12" 1 3,255.36 3,255 3,255 3,255 0 FAL's and Creditis (47) (47) (47) 0 Total 62 \$77.531 \$77.531 \$0 50 Public Fire Protection: Public Fire Hydrants 501 0.00 0 328.68 164.689 164.689 164.669 689		19	863.16	16,400	863.16	16,400	0	
10" 13 2,283.12 29,881 0 12" 1 3,255.36 3,255 3,255.36 3,255.36 0 FAL's and Credits (47) (47) (47) 0 Total 62 \$77,531 \$77,531 \$0 50 Public Fire Protection: 501 0.00 0 328.68 164,669 164,669 164,669 164,669		<u>-1</u>	1,485.36	16,339	1,485.36	16,339	0	0
12" 1 3,255.36 3,255 0 FAL's and Credits (47) (47) 0 Total 62 \$77,531 \$77,531 \$9 Public Fire Protection: Public Fire Hydrants 501 0.00 0 328.68 164,669 164,669 164,669 164,669 164,669		13	2,283.12	29,681	2,283.12	29,681	0	0
FAL's and Credits (47) (47) 0 Total 62 \$77,531 \$1 \$0 Public Fire Protection: Public Fire Hydrants 501 0.00 0 328.68 164,669 164,669 164,669		_	3,255.36	3,255	3,255.36	3,255	0	0
Public Fire Protection: \$77,531 \$0 \$0 Public Fire Hydrants 501 0.00 0 328.68 164,669 <td< td=""><td></td><td></td><td></td><td>(47)</td><td></td><td>(47)</td><td>0</td><td>0</td></td<>				(47)		(47)	0	0
Public Fire Protection: 501 0.00 0 328.68 164,669		62	1 1 1	\$77,531	11 1	\$77,531	\$0	
Public Fire Hydrants 0.00 0 328.68 164,669 164,669								
		501	0.00	0	328.68 	164,669	164,669	