		Overall Revenue Requirement Summary For the Test Year Ended December 31, 2002		
Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Water (Platte County)	nission \ Water Company e County)			Case No. WR-2003-XXX Schedule CAS-2-PKW Page 1 of 1
Line No.				
ω 4 π	Description	Schedule	Amount	
700	Rate Base	CAS-3-PKW	\$11,102,062	
0 & ~	Operating Income at Present Rates	CAS-8-PKW	670,793	
10	Earned Rate of return		6.04%	
3 70	Requested Rate of Return	Grubb Testimony	8.30%	
5 4 7	Required Operating Income		921,471	
16	Operating Income Deficency		250,678	
20 00	Gross Revenue Conversion Factor		1.62944	
20 21	Revenue Deficiency		408,465	
22 23	Adjusted Operating Revenues	CAS-8-PKW	2,914,493	
24 25 25 26	Total Revenue Requirement		\$3,322,958	
	onversion Facto	\$1,00		
32 33 34	Before Tax Amount State Income Taxes Federal Income Taxes 23 17	5.21327% 51.929 5.2156V 220 167		
36 37	Net Amount	\$613.707		
39	Conversion Factor	1.62944		

			Rate Base Summary Test Year Ended December 31, 2002	2002		
Misso Comp Distric	Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Water (Platte County)				Case No. WR-2003-XXX Schedule CAS-3-PKW Page 1 of 1	R-2003-XXX CAS-3-PKW Page 1 of 1
Line #						
ων -	Rate Base Component	Supporting Reference	Per Books <u>12/31/02</u>	Adjustments	Pro Forma Rate Base	
4 73 6	Utility Plant in Service	CAS-4-PKW	16,743,518	2,751,700	19,495,218	
0 7 0	Accumulated Provision for Depreciation	CAS-5-PKW	(2,876,754)	(211,485)	(3,088,239)	
, ω ο	Accumulated Amortization	W/P's	0	0	0	
3 = 5	Utility Plant Acquisition Adjustments	W/P's	0	12,014	12,014	
7 to 4 f	Net Utility Plant		13,866,764	2,552,229	16,418,993	
22 1 1 1 1 6 2 2 2 1 1 8 1 7 1 6 2 2 2 1 8 1 7 1 6 2 2 2 2 1 8 1 7 1 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Less: Customer Advances Contributions in Aid of Construction Accumulated Deferred ITC (3%) Deferred Income Taxes Pension Liability	CAS-6-PKW CAS-6-PKW W/P's W/P's	1,620,721 2,267,904 0 776,747 54,019	513,100 (42,305) 0 276,701 52,416	2,133,821 2,225,599 0 1,053,448 106,435	
25 23	Subtotal		4,719,391	799,912	5,519,303	
33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Add: Cash Working Capital Cash Working Capital Materials and Supplies Prepayments OPEB's Contributed to External Fund Premature Retirement Regulatory Deferrals	CAS-7-PKW W/P's W/P's W/P's W/P's	0 44,583 5,859 53,943 0 66,378	0 0 0 (1,429) 0 33,038	0 44,583 5,859 52,514 0 99,416	
36 36	Subtotal		170,763	31,609	202,372	
37 38 39 40	Total Original Cost Rate Base		9,318,136	1,783,926	11,102,062	

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Test	c
Test Year E	LIII.
Ended	ridiit II
For the Test Year Ended December 31, 2002	Chilly Flant in Service
ember 31, 2002	7
1, 20	
2	

		The state of the s	For the Test Year Ended December 31, 2002	31, 2002		
Company District:	y: Missouri Parkville W	Company: Missouri-American Water Company District: Parkville Water (Platte County			G	Case No. WR-2003-XXX Schedule CAS-4-PKW Page 1 of 2
Line #			Per Books	Pro Forma	Pro Forma	
	Acct No	Account Description	12/31/02	Adjustments	UPIS	
» N	3	Intangible Plant	}			
٥ م	20 20 20 20 20 20 20 20 20 20 20 20 20 2	Croanization	, C	\$5,761	\$5,761	
ω 1	303 203	Miscellaneous Intangible Plant Studies	ت . ت	3) 18 C	د د د د د د د	
თ (Ċ	Subtotal	12	8 979	8 002	
7		Source of Supply Plant	Ī	0,878	266'0	
 o co	310	Land & Land Rights	1,735	0	1,735	
; «	<u>.</u>	Structures & Improvements	15,102	11,052	26,154	
1 7	312	Collection & Impound Resevoirs	0	0 0	0	
	ر د د	Land, Niver, & Office Intance	, , ,	· C	, , , ,	
ದ ೯	316 316	Supply Mains	184,195 187 905	1 410 861	184,195 1 587 766	
4 1		Subtotal	368,937	1,430,913	1,799,850	
5 5	<u>သ</u> ၁	Pumping Plant	·	o	•	
17	321	Pumping Structures & Improvements	15 881 0	32 234	48 115 0	
≅	322	Boiler Plant Equipment	0 .	0	, i	
19	323	Force Mains	0	0	0	
2 20	324 324	Steam Pumping Equipment	0	0	0	
22 !	326	Diesel Pumping Equipment	100, 17 1	4,03A	12 817	
23	327	Pump Equip Hydraulic	81.548	0	81.548	
25 25	328	Other Pumping Equipment Subtotal	23,818	36.086	23,818	
26		Treatment Plant	The state of the s	-		
2/	3 2	Water Treatment Carlotures & Improvement	432 470 307	163 014	432	
29 6	33 C	Water Treatment Equipment	2 188 602	81 047	033,411 0360 640	
30	332.4	Water Treatment Equipment - Filter Plant	0	73,679	73,679	
<u> </u>		Subtotal	2,659,431	317,740	2,977,171	
2 K	340	Transmission & Distribution Plant	2000	Þ	2000	
ــــ کا د	2 <u>7</u> 2	Transmission & Distribution Otrustures & Improvement	103 703	· C	12,930	
 မှ မို	342 -	Transmission & Distribution Structures & Improvement	1 065 894	១ ೩ ភភ.1 ()	1 094 445	
<u></u>	343	Transmission & Distribution Mains Conv	1,000,69 4	NO,00 -	3 540 707	
37 8	343 1	Transmission & Distribution Mains Conv	3,5'19,707 313 700	> C	3,519,707	
 ယ လ	343.	Transmission & Distribution Mains 6" - 8'	1 604 680	455 979	2 060 850	
39	343.3	Transmission & Distribution Mains > 10'	2,616,530	0	2,616,530	
40		Subtotal	9,136,178	484,530	9,620,708	

	:		For the Te	Utility Plant in Service For the Test Year Ended December 31, 200	31, 2002		
Missouri Compan District:	Public Ser y: Missouri Parkville W	Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Water (Platte County)					Case No. WR-2003-XXX Schedule CAS-4-PKW Page 2 of 2
Line #							90
_	Acct No	Account Description		Per Books <u>12/31/02</u>	Pro Forma Adjustments	Pro Forma UPIS	
» N	3	Transmission & Distribution Plant	Bal Fwd	9,136,178	484,530	9,620,708	
- C	344 74	Fire mains		63,735	0	63,735	-
Q1 4	346.1	Selvices Meters - Bronze Case		1,168,928	217,375	1,386,303	
တ	346.2	Meters - Plastic Case		0	#6,049 0	201,02	************
7	346.3	Meters - Not Class By Type		105,783	1.013	106.796	
- Φ	347	Meter Installation		527,960	58,114	586,074	***************************************
<u></u>	3 4 6 8	Hydrants Other Transmission & Distribution Plant		842,672	9,210	851,882	
<u> </u>	Ċ	Subtotal		12,005,342	816,291	12,821,633	
12		General Plant					
	389	General Land & Land Rights		142	0	142	
<u>.</u>	390 1	Office Structures		21,415		21,415	
ਰੰ	390	General Structures - HVAC		0,00	-, - 30	00,301	
17	390.3	Miscellaneous Structures		221,005	0	221.005	
; ಹ	391	Office Furniture and Equipment		50,890	75,121	126,011	
	391.2	Computers & Peripheral Equipment		5,484	9,169	14,653	
22 5	391.26	Personal Computer Software		7,860	7,118 4 763	14,978	
22	391.3	Other Office Equipment		167 451	161	167 613	
23	392.11	Transportation Equipment - Light Trucks		56,360	1.000	57,360	
24	392.12	Transportation Equipment - Heavy Trucks		0	34,997	34,997	
25	392.2	Transportation Equipment - Cars		15,537	1,977	17,514	•
3 6	392.3	I ransportation Equipment - Other			0	0	
1 8	304	Tools Shop & Carago Equipment		4,424	ī 0	4,424	
29	395 -	Laboratory Equipment		68.263	5,233 0	40,845 68 363	
30	396	Power Operated Equipemnt		438	0	438	
<u>~</u>	397	Communication Equipment (non telephone)		47,048	80 -	47.128	
 3 X	397.2	Telephone Equipment		0	330	330	
ද සු	398	Miscellaneous Equipment		51,030	2,612	53,642	
ω 4	399	Other Tangable Property		0	0	0	
—— မ္ဘ မ္ဘ		Subtotal		819,560	141,491	961,051	
37		Total Plant in Service		\$16,743,518	\$2,751,700	\$19,495,218	
2							

Test Year Ended December 31, 2002	n and Amo
2002	ortization

	Iest	est Year Ended December 31, 2002	02	
Company: Mi	Missouri Public Service Commission Company: Missouri-American Water Company			Case No. WR-2003-XXX Schedule CAS-5-PKW
	Civilian Franci (Liante County)			Page 1 of 2
Line #		Per Books	Pro Forma	Pro Forma
1 <u>Ac</u>	Acct No Account Description	12/31/02	Adjustments	Reserve
 ω κ	Intangible Plant Organization	e O	3)
		O (0 0	o 6
		0 (17.043	17 043
1 0	Subtotal	0	17,043	17,043
		•	1	
 ဖ (311 Structures & Improvements	ກ ລາ 	(438)	F 903
_		,;;; -	(+30)	2,092
	313 Lake, River, & Other Intakes	-	o c	.
		63,361	3,850	67,211
	316 Supply Mains	30,561	(112,428)	(81,867)
1 2 2	Subtotal Pumping Plant	100,253	(109,016)	(8,763)
		0	0	0
		6,185	(2,285)	3,900
	323 Force Mains	> C	o o	0
		0	0	0.0
	326 Diesel Pumping Equipment	190,937	25,803	1/6,/40
		0 0	0	288 0
24 25 3	328 Other Pumping Equipment	0	493	493
26	Treatment Plant	101,122	21,2,72	101,401
	330 Water Treatment Land & land Rights	0	0	0
	331 Water Treatment Structures & Improvements 332 Water Treatment Equipment	116,019	879	116,898
	_	0	(5,975)	431,155 (5.975)
<u></u>	Subtotal	494,563	47,515	542,078
	<u>I ransmission & Distribution Plant</u> 340 Transmission & Distribution I and	5	•)
34		3 910 3 910	カ ン 8 カ で	0 107
	342 Distribution Reservoirs & Standpipes	63.923	16.933	80 856 9, 190
36		1,143,018	49,958	1,192,976
		0	2,944	2,944
39 34	343.3 Transmission & Distribution Mains 5" - 8"	- 0	(14,770) 36 217	(14,770) 36,317
		1,210,851	96,567	1,307,418

	Pro Forma	Pro Forma	Per Books			Line #
Case No. WR-2003-XXX Schedule CAS-5-PKW Page 2 of 2				Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Water (Platte County)	any: Missouri-A	Compa
The second secon		d Amortization mber 31, 2002	Accumulated Depreciation and Amortization For the Test Year Ended December 31, 2002			

37	ယ္က ယ တ ၄	34	ا در	<u>ფ</u>	<u>ب</u>	ၓ	29	28	27	26	25	24	23	22	21	20	19	18	17	16	5	14	ಚ	12	=	6	ဖ	00	7	တ	Ŋ	4	. ω	N	_	Line #
		399	308	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	Telenhone 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		
\$2,876,754	168,063	3,085 0	ט זי כ	24,98U		376	18.991	15.148	2,473	17,258	0	0	0	0	0	0	0	54,377	0	0	30.77 6	0	o	1000	1 956 752	1.239	236.813	66 938	106.615	0	0	323,931	10,365	1,210,851	Per Books 12/31/02))
\$211,485	84,535	1,8/3 0	483	3,964 460	2000) 00 00 00	2.766	1.421	36	0	3,747	(2,839)	9.519	14.413	3.390	16.241	20,525	1,110	5.207	0	2 153	505	0	117,100	147 130	137	22 SQU	6.466	5.387	0	4.279	10,551	853	96,567	Pro Forma Adiustments	1
\$3,088,239	252,598	5,558 0	483	28,944	390	306	21 757	16.569	2.509	17.258	3.747	(2.839)	9.519	14 413	3.390	16.241	20.525	55.487	5.207		32 929	505	o	2,100,002	2 103 882	1 376	350 703 70, 101	73 404	112 002	; ; ;	4 279	334.482	11.218	1,307,418	Pro Forma	

For the Te	For the Test Year Ended December 31, 2002	2002		
	The state of the s		Case No. WR-2003-XXX	3-XX
Company: Missouri-American Water Company			Schedule CAS-6-PKW	-PKW
District: Parkville Water (Platte County)			Page	1 of 1
Line#				
		ייייייייייייייייייייייייייייייייייייי	7	

Minon	Duklin Co.		For the Test Year Ended December 31, 2002	er 31, 2002		
Compan District:	y: Missouri Parkville W	Company: Missouri-American Water Company District: Parkville Water (Platte County)				Schedule CAS-6-PKW Page 1 of '
Line #)) -) 	l I	
22 -	Acct No	Account Description	Per Books 12/31/02	Pro Forma Adjustments	Pro Forma <u>Balance</u>	
ω4τυ ο ι	252.11 252.71	<u>Customer Advances</u> Advances for Construction - Extensions Advances for Construction - Taxable Extensions Total Customer Advances	1,562,011 58,710 1,620,721	513,100 0 513,100	2,075,111 58,710 2,133,821	
10 8 7						
72 1	271.11	Contributions in Aid of Construction Contributions in Aid - NT Mains	97,451	0	97,451	
13	271.12 271.21	Contributions in Aid - NT Extension Deposit	39,842	» o (39,842	
5	271.30	Contributions in Aid - NT Meters	17,171	0 0	17,171	
17 6		Contributions in Aid - NT Hydrants Contributions in Aid - NT Other	236,482 0	00	236,482 0	
₫ 歳	271.71 271.12	Contributions in Aid - Taxable Mains Contributions in Aid - Taxable Extension Denosit	1,849,044	» o «	1,849,044	
20	271.27	Contributions in Aid - Taxable Services	189	000	497,009 189	
3 23	271.37	Contributions in Aid - Taxable Meters	7,683	00	7,683	
 23 K	Various	Contributions in Aid - Laxable Hydrants Accumulated Amortization - CIAC	0 (477 597)	(A) 305)	(£10 003)	
24 25		Total Contributions in Aid of Construction	2,267,904	(42,305)	2,225,599	
26 27 28 29 30						
2 23 23 24						
3 3 3 5						
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40						
	-					

1997 100	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: Parkville Water						Case No. WR-2003-XXX Schedule CAS-7-PKW Page 1 of 1
Line #						
_	Proforma	Average				
	Proposed	Daily	Revenue	Expense	Net	Cash
4 Rase Payroll	Expense	Expense	Lag 30 87	(Lead)/Lag	(Lead)/Lag	Requirment
	97 999)))))	30.87	17 30	29.64 22.48	5 728
6 Fuel and Power	138.302	379	39.87	37.22	265	1 004
	81,779	224	39.87	39.87	0.00	0
	102,995	282	39.87	53.15	(13.28)	(3,747)
10 Group Insurance	139,897	383	39.87	(4.13)	44.00	16,864
	19,920	55 - 25 -	39.87	(0.3 4)	30.4	3,001 2,178
	47,032	129	39.87	39.87	0.00	<u>;</u> 0 0
	2,846	œ	39.87	39.87	0.00	0
15 Incollectables	27,963 11,368	27	39.87	39.87	0.00	0 0
	18.945	5 -	39.87	24.37	15.50	20 20 20 20 20 20 20 20 20 20 20 20 20 2
	35,135	96	39.87	48.80	(8.93)	(860)
18 Other O&M 19 Total O&M Expenses	260,686 1 219 840	714	39.87	20.67	19.20 _	13,713
٦	301 000		30 97		3	4
	463 473	1,040	30.07	י נסי	(443.63)	41,707
23 Public Service Commission Fee	405,475 12.761	35	39.87	39.87	0.00	(181,110)
	3,567	10	39.87	110.50	(70.63)	(690)
	408		39.87	13.44	26.43	30
27 SUTA Taxes	20,791	57	39.87 30.87	62.05 63.05	(22.18)	(1,263)
	(131.091)	(359)	39.87	60.25	(24. 10)	7 320
	(20,600)	(56)	39.87	62.17	(22.30)	1,259
30 Deferred Income Taxes	330,362	905	39.87	0.00	39.87	36,086
32 Preferred Dividends	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1,000	39.07	45.13 45.63	(51.28)	(54, /63) (88)
	2,677,025	ā	0		(i, i, i	(94,073)
35 Total Cash and Working Capital Requirement Used					ı	0
					II	
38						
39 6						
40						

Schedule Forma Schedule Ended Present Reference 12/31/02 Adjustments Rates	Adjustments
Operating Revenues CAS-9-PKW \$2,986,736 (\$72,243) \$2,914,493	\$408,465
	1 50B
CAS-10-PKW CAS-10-PKW	
CAS-10-PKW CAS-10-PKW CAS-10-PKW	0
Utility Operating Income Before Income Taxes 1,182,071 (332,607) 849,464	406,869
Income Taxes CAS-12-PKW 22,297 (153,388) (131,091) Federal Income Tax CAS-12-PKW 9,504 (30,104) (20,600) Deferred Income Taxes 129,383 200,979 330,362 Amortization of Investment Tax Credit 0 0	134,980 21,211 0
\$1,020,887 (\$350,094) \$670,793	\$250,678

Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Water (Platte County)	For the Test Year Ended December 31, 2002	Year Ended	For the Test Year Ended December 31, 2002	2002			Case No. WR-2003-XXX Schedule CAS-9-PKW Page 1 of 1
Line#							
. ω N ユ	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
5 Sales of Water 6 Metered Sales 7 Residential	\$3.067.001	\$10 770	(\$227)	63 070 63 7	(†		
	\$2,067,997 470,797 14,591	\$10,770 9,380 183	(\$227) 533	\$2,078,534 480,710	(\$44,982) (48,569)		\$2,033,552 432,141
0	94,530 227,205	1,572 3,407	1 (2) -	14,763 96,101 230,613			14,783 96,101 230,613
13				1			1
15			1				# OF 0
17 Sewer Service	0	0	0	0	0	0	0
19 Fire Service 20 Private Fire Service 21	65,090		(4,319)	60,771		0	60,771
Total Fire Service	65,090	0	(4,319)	60,771	0	0	60,771
24 Total Sales of Water	2,956,422	25,321	(4,013)	2,977,730	(93,551)	0	2,884,179
26 Other Operating Revenues 27 Reconnect Charges	6,820			6.820			6.820
28 Returned Check Charge 29 Application Fee	90 340 20 340			30 636			636
	1.363			20,340 1 363			20,340 1 363
	1,155			1,155			1,155
33 Total Other Operating Revenues	30,314	0	0	30,314	0	0	30,314
	\$2,986,736	\$25,321	(\$4.013)	\$3,008,043	(\$93.551)	\$	\$2.914.492

	Summa	ry of Operations and Mair	Summary of Operations and Maintenance Expenses and General Taxes	eral Taxes	
Missouri Public Company: Miss District: Parkvi	Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Water (Platte County)	For the Test Year E	For the Test Year Ended December 31, 2002		Case No. WR-2003-XXX Schedule CAS-10-PKW Page 1 of 1
Line #					
ω N →	The schedule below provides a summary list of the operating and maintenance expenses for the test year and pro forma at present ra Each pro forma adjustment is keyed to a schedule as shown on Schedule CAS-11-PKW which provides additional detail and support.	ist of the operating and mai chedule as shown on Scheo	ntenance expenses for the test dule CAS-11-PKW which provi	test year and pro forma at present rates as indicated rovides additional detail and support.	rates as indicated. rt.
24 τυ σ	Expense Description	Schedule Reference	Test Year Expense	Adjustment	Pro forma Present Rates
7 0	Labor	CAS-11-PKW	\$295,707	(\$6,979)	\$288,728
	Purchased Water	CAS-11-PKW	107,353	(4,358)	102,995
10	ruei and rower Chemicals	CAS-11-PKW	144,134 86,432	(5,832) (4,653)	138,302 81 778
=======================================	Waste Disposal	CAS-11-PKW	0	(+,000) 0	0.777
2 2	Management Fees	CAS-11-PKW	85,059	54,838	139,897
14 3	Group Insurance Pensions	CAS-11-PKW	64,263 16,720	1,526	65,789 47,022
15	Regulatory Expense	CAS-11-PKW	6,092	(3,007)	3.085
16	Insurance, Other than Group	CAS-11-PKW	33,876	(5,913)	27,963
18	Rents	CAS-11-PKW	37,120 9.275	(3,671) 9,670	33,449 18,045
 19	General Office Expense	CAS-11-PKW	33,270	220	33,490
2 6	Maintenance - Other	CAS-11-PKW	76,297 83 110	10,645	86,942
2 2 !	Total Operations and Maintenance	(20-1-774	1,077,708	31,353 104,152	1,181,860
24	Depreciation	CAS-11-PKW	322,890	58,930	381.820
25 26	Amortization Total Depreciation and Amortization	CAS-11-PKW	322,890	58,930	0 381,820
28 ·	Property Taxes Pavroll Taxes	CAS-11-PKW	367,988 23.523	95,485 (4,075)	463,473
3 3	PSC Fees	CAS-11-PKW	9,073	0	9,073
33 22 <u>2</u>	Other General Laxes Total Taxes Other Than Income Taxes	CAS-11-PKW	3,483 404,067	3,772 97,282	7,255 501,349
35 36 37 36 37					
37 38 39					
40					The second secon

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

9	Schedule	Case N
9	_	o. WR-
Page 1 of	111-PKV	/R-2003-XX

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							29d	29c	29b	29a			į	28	3			25	21				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	Application of the second of t	Total Depreciation and Amortization) HIST HEADOIL	Amortization		l otal 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	
						404,067	3,483	9,073	23,523	367,988	3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	322.890	1	322,890		1,077,708		82,110	76,297	33,270	9,275	37,120	33,876	6,092	16,720	64,263	85,059		86,432	144,134	107,353	295,707	31-Dec-02	Test Year
						0						0				(6,979)																(\$6,979)	Expense	CAS-15 p1
						0					ا	0				1,526										1,526							Expense	CAS-15 p2
						0					ļ	0				30,312									30,312								Expense	Schedule CAS-15 p3
		******		and the second s		0						0				295			295														Expense	Schedule CAS-15 p4
					1.10.0	(1.975)			(1,975)			0				0																	Expense	Schedule CAS-15 p5
						0						0				(5,832)														(5,832)			Expense	Schedule CAS-15 p6
					J,	0										(4,653)													(4.653)				Chemical Expense	Schedule CAS-15 p7
						o										(4,358)		1													(4,358)		Purch Water Expense	Schedule CAS-15 p8

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

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								790	L		296					28	27					21			18			15		13		⇉			00	Number	168 Line	
						Total Laxes Office filed lifeOffice	Total Tayon other then income	Curei Gerierai Laxes	Other Connect Town	Orona Bossista Taura	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	Labor	Description		
														0					0												0					Expense	CAS-15 p9	Schedule
						0							ļ	0					(3,007)								(3,007)									Expense	CAS-15 p10	Schedule
						c							ļ	0					(5,913)							(5,913)										Expense	CAS-15 p11	Schedule
						0								0					54,838						- Constant				ļ	54.838						Expense	CAS-15 p12	Schedule
						C								0					9.670					9,670												Expense	CAS-15 p13	Schodula
						o								0				(1)200)	(1.398)				(1.398)													Expense	CAS-15 p13	Schodulo
						0								0					(5.457)		12, 121,	(5.457)														Expense	CAS-15 p13	Schodulo
						0													0		0															Expense	CAS-15 p14	Cohodudo
			773400			0												1,010	1 618			.,0.0	1 618													Expense	CAS-15 p15	Cohodulo

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

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

r Ended December 31, 2002	ue Requirement Summary

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

					29d	29c	29b	29a			20	27				25	21	20	19	18	17	16	15	14	13	12	11	10	9	8	Number	168
	111111111111111111111111111111111111111	TOTAL STATE OF THE	Total Taxes other than income	THE REAL PROPERTY AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS	Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes	Commence of the annual structure	Total Denreciation and Amortization	Amortization	Depreciation	THE PROPERTY OF THE PROPERTY O	Total Operations and Maintenance	Transition of the Control of the Con	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	l	Description	
			0											0			0	100													Expense	Schedule CAS-15 p16
			95,485					95,485						0																	Property Taxes Expense	Schedule CAS-15 p17
			3,688		3,688					>				0																	PSC Assess Expense	Schedule CAS-15 p18
			0											31,353	0.,000	31 353															Tank Painting Expense	Schedule CAS-15 p19
			0							>	0			0																	Amortization Expense	Schedule CAS-15 p20
			0						0					(3,671)						(3,671)											Uncollectable Expense	Schedule CAS-15 p21
			0						0					0						0											Uncollectable	Schedule CAS-15 p21
			0						26,930	2000		58,930		0																		Schedule CAS-15 p22
			0											8.500		\$0,000	\$8.500														One Call Expense	Schedule CAS-15 p23

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

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							29d	29c	29b	29a				28	27				25	22	20							3	12	=	õ	9	8	Number	168
					Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes	TOTAL CONTRACTOR CONTR	Total Depreciation and Amortization		Amortization	Depreciation	THE PROPERTY OF THE PROPERTY O	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					8,376			\$8,376														Expense	CAS-15 p24
					0						1000000	0					(1,069)			(\$1,069)														Expense	CAS-15 p25
					84	÷	\$84				. 1	0					0																	Expense	CAS-15 p26
					0							0					0																	Expense	Schedule
					0							0					0																	Expense	Schedule
																																		Expense	Schedule
					0						ļ	0					0																	Expense	Schedule
					97,282	3,772	2 772	0	(1 975)	95.485	00,000	58 930		0	58.930		104,152		31.353	10,645	220	9,670	(3,671)	(5,913)	(3,007)	30,312	1,526	54,838	0	(4,653)	(5,832)	(4,358)	(\$6,979)	Adjustments	Present
					501.349	7,200	7 255	2,0,2	21 548	463 473	020,020	381 820		0	381.820		1,181,860		113,463	86,942	33,490				3,085	47,032	65,789	139,897	0	81,779	138,302	102,995	\$288,728	Expense	Total Present

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

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For the Test Year Ended December 31, 2002	Income
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nber 31	Present
20 00	and
ิ	Protorma State and Federal Income Taxes at Present and Proposed Rates
	Rates

Page 1 of 1	District: Parkville water (Platte County)
achequie CA3-12-FAVI	
	Company: Missouri-American Water Company
Case No. WR-2003-XXX	misocarri apric cervice commission
	Missouri Dublic Service Commission

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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)	Amortization Preferred Stock Expense Non-deductible Reserve Deficiency	Addback (Deducts): Tax over Book Depreciation Non-deductible Meals	Taxable Income	Interest Expense Deduction	Utility Operating Income Before Income Taxes	
(\$153,388)	22,297	(131,091)	33.1754%	(395,145)	(854,927)	0 4	(855,730) 789	459,782	389,682	\$849,464	At Present Rates Federal Stat
(\$30,104)	9,504	(20,600)	5.2133%	(395,145)	(854,927)	0	(855,730) 789	459,782	389,682	\$849,464	t Rates State
\$134,980	(131,091)	3,889	33.1754%	11,724	(854,927)	14 0	(855,730) 789	866,651	389,682	\$1,256,333	At Proposed Rates Federal State
\$21,211	(20,600)	611	5.2133%	11,724	(854,927)	0	(855,730) 789	866,651	389,682	\$1,256,333	ed Rates State

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

Company Bissorin American Water (Patter Company Company Bissorin American Water (Patter Company Present Por Forma Rates Proposed Pro Forma Rates	discount Bublis Comitoe Comm		iz month lest renod En	12 Month Test Period Ended December 31, 2002			
Class/ Description Present Pro Forma Raties Proposed Pro Forma Raties Class/ Monthly Billing: Sales Total Sales Total Co00 Gal) Revenue C Residential Commercial 486,709 \$2,033,535 486,709 \$2,199,908 \$2,003,535 Commercial Industrial 135,489 432,141 135,489 439,011 135,489 439,011 Other Public Authority 27,299 96,101 96,101 27,209 82,297 Miscellameous 4,191 16,218 96,101 96,271 96,2297 Public Fire 0 0 80,771 0 96,271 96,771 </th <th>company: Missouri-American Sistrict: Parkville Water (Platt</th> <th>Water Company e County)</th> <th></th> <th></th> <th></th> <th>Case No Schedu</th> <th>Case No. WR-2003-XXX Schedule CAS-13-PKW</th>	company: Missouri-American Sistrict: Parkville Water (Platt	Water Company e County)				Case No Schedu	Case No. WR-2003-XXX Schedule CAS-13-PKW
Collegis/ Description Sales Total (000 Gal) Sales Total (000 Gal) Invalidation (000 Gal) Total Revenue Invalidation (000 Gal) Total Revenue Invalidation (000 Gal) Total Revenue Invalidation (000 Gal) Total Revenue Invalidation (000 Gal) Revenue Invalidation (000 Gal) Revenue (000 Gal)<			o Forma Rates	Proposed Pro	Forma Rates		i age i oi i
Monthly Billing: (WOU Gall) Revenue (000 Gal) Revenue Residential 496 709 \$2,033,535 486,709 \$2,199,908 \$ Commercial 135,489 432,141 135,489 438,901 \$ Other Valer Utilities 27,209 96,101 27,209 15,887 \$ Other Valer Utilities 44,324 20,013 32,599 438,901 \$ Private Frie 27,209 96,101 27,209 85,298 15,887 Private Frie 0 96,171 27,209 84,234 203,705 Miscellameous Revenues: 4,191 16,219 84,324 203,705 Reconnect Charges 6,820 2,884,162 743,880 3,225,886 \$ Reconnect Charges 6,820		Sales	Total	Sales	Total	Dollar	Percentage
Recidential 496,709 \$2,033,535 496,709 \$2,199,908 \$ Commercial 135,499 422,141 135,499 143,890 143,890 143,890 143,890 143,890 143,890 143,890 143,890 143,890 143,890 143,890 143,890 15,897 19,100 143,890 143,890 15,897 19,100 143,890 15,897 19,100 163,771 19,1		('000 Gai)	Revenue	('000 Gal)	Revenue	Change	Change
Commercial 135,489 432,141 135,489 438,001 Other Public Authority 27,209 96,101 27,209 85,287 Other Water Utilities 43,324 230,613 23,289 85,287 Miscellaneous 4,191 16,218 20,613 24,324 203,705 Private Fire 0 0 60,771 0 203,705 Public Fire 0 60,771 0 60,771 Public Fire 0 60,771 0 60,771 Public Fire 0 2,884,192 743,890 3,225,886 Miscellaneous Revenues: 6,820 8,820 6,820 Recommed Check Charge 6,820 6,820 6,820 Application Fee 20,340 1,383 1,363 Rents from Water Property 1,383 1,363 1,365 Rents from Water Property 52,914,476 \$3,256,200 \$3,256,200		486,709	\$2.033.535	486.709	\$2 199 908	\$166.373	8 18%
The Public Authority 27,209 96,101 27,209 96,101 27,209 96,101 27,209 96,101 27,209 96,101 27,209 96,101 27,209 96,101 27,209 96,101 27,209 96,101 27,209 96,101 27,209 96,101 27,209 96,201 220,613 94,324 203,705 94,324 203,705 94,324 94,324 203,705 94,324 94,32		135,489	432,141	135,489	438,901	6,760	1.56%
Other Water Utilities 34,324 20,173 84,324 20,773 84,324 203,705 84,324 203,705 84,324 203,705 84,324 203,705 84,324 203,705 96,271		27 209 27 209	96 101	37 300 896,0	15,68 <i>/</i>	904	6.12%
Miscellaneous 4,191 16,218 4,191 0,00,771 0 0,00,771 0 0,00,771 0 0,00,771 0 0,00,771 0 0,00,771 0 0,00,771 0 0,00,771 0 0,00,771 0 0,00,771 0 0,00,771 0 0,00,771 0 0,00,771		84,324	230,613	84,324	203.705	(26.908)	-11.67%
## Private Frie 0 60,771 0 60,771 Public Fire 0 0 0 0 0 0 205,3399 Total 743,890 2,884,162 743,890 3,225,886 \$ Miscellaneous Revenues:		4,191	16,218	4,191	16,218	0	0.00%
Miscellaneous Revenues:		0	60,771	0 0	60,771	0	0.00%
Reconnect Charges 6,820 Returned Check Charge 636 Application Fee 20,340 Miscellaneous Other Revenue 1,363 Rents from Water Property 1,155 \$2,914,476 \$3,256,200		743,890	2,884,162	743,890	3,225,886	\$341,724	11.85%
Reconnect Charges 6,820 Returned Check Charge 636 Application Fee 20,340 Miscellaneous Other Revenue 1,363 Rents from Water Property 1,155 \$2,914,476 \$2,914,476 \$3,256,200 \$3,256,200		.S.					
Application Fee 20,340 20,340 Application Fee 1,363 1,363 1,363 Rents from Water Property \$2,914,476 \$2,914,476 \$3,256,200			6,820		6,820	0	0.00%
Miscellaneous Other Revenue 1,363 1,363 1,363 1,363 1,363 1,363 1,363 1,155 1,363 1,363 1,155 1,363 1,			636 20.340		20 340 20 340	0	0.00%
\$2,914,476		∕enue rty	1,363 1,155		1,363 1,155	000	0.00%
32,26,200	23		93 04 4 470				
277 29 29 29 29 29 29 29 29 29 29 29 29 29	25 26		\$2,914,470		\$3,256,200	341,724	11.73%
20 30 31 31 32 33 34 35 36 37 38	20 27 28 28						
32 33 34 34 35 36 37 38	30						
34 35 36 37 37 38	32						
36 37 38 39	35 35						
38 39 40	36						
41)	39 38						

			7.1	12 Month Test Period Ended December 31, 2002	Jod Enged Dec	ember 31, 2002				
Missouri Public Service Commission Company: Missouri-American Water Company	e Commission nerican Water	n Company							Case No Schedul	Case No. WR-2003-XXX Schedule CAS-14-PKW
Pi		Present Pro Forma Rates	orma Rates			Prop	Proposed Pro Forma Rates	a Rates		rage i oi i
Line # Class/	Customer				Customer					
Description	Meter Billings	Sales ('000 Gal)	Current Rate	Total Revenue	Meter	Sales	Proposed	Total	Dollar	Percentage
2 Residential:										90
	53.299		\$7 08	\$377 354	£3 200		e 50 51 00	6 A 5 0 0 0 0	97n 004	30.00
	0		9.06	0	00,500		10.00	\$700,000 0	÷,004	0.00%
	1,966		12.84	25,237	1.966		15.40	30.269	5 032	19 94%
7 1-1/2" Monthly	443		22.33	9.890	443		26.80	11,870	1 980	20.02%
8 2" Monthly	92		33.71	3,098	92		40.50	3.722	624	20.32 % 20 14%
9 3" Monthly	13		60.24	759	13		72.00	907	148	19 50%
10 4" Monthly	13		98.15	1,237	13 7		118.00	1.487	250	20.21%
	0		192.93	0	0		232.00	0	0	0.00%
	· C		306.65	0	0		368.00	0	0	0.00%
14 19" Monthly	o c		520.92 850.92	0	0		625.00	0	0	0.00%
	(000	ć	c		1,002.00	c	c	0.00%
17 Volumetric Charges:	es:									
	İ	447,899	\$3.4685	1.553.538		447.899	\$3 4900	1 563 168	9 830	0 82%
		23,402	1.9430	45,470		23,402	3.4900	81.673	36.203	79.62%
		2,844	1.4995	4,265		2,844	3.4900	9,927	5,662	132.75%
		12,564	1.0098	12,687		12,564	3.4900	43,847	31,160	245.61%
	,	c		c		0		0	0	0.00%
		100 700	•						0	0.00%
24 Otal		486,709	11	\$2,033,535		486,709	11	\$2,199,908	\$166,373	8.18%
36.0										
27										
28										
29										
30										
31										
32										
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Missouri Public Service Commission Company: Missouri-American Water Company	12 M	rating Revenues at Ponth Test Period End	lest rear Operating Revenues at Present Rates vs Proposed Rates 12 Month Test Period Ended December 31, 2002	sed Rates			
Class/ Customer Description Meter Sales Current Billings (1000 Gal) Rate Rates Commercial: Minimum Charge: \$7.08 3/4" Monthly 687 12.33 2" Monthly 69 60.24 4" Monthly 135 22.33 2" Monthly 69 60.24 4" Monthly 69 60.24 4" Monthly 69 60.24 12.93 8" Monthly 69 60.24 12.93 1						Case No. V Schedule	Case No. WR-2003-XXX Schedule CAS-14-PKW
Class/ Description Customer Meter Sales ('000 Gal) Current Rate Rate R Commercial: Millings ('000 Gal) Rate R Millings 2,561 \$7.08 9.06 1" Monthly 0 9.06 112.84 1-1/2" Monthly 687 12.84 12.33 2" Monthly 69 33.71 369 33.71 3" Monthly 42 98.15 98.15 6" Monthly 0 98.15 98.15 6" Monthly 0 306.65 102.93 10" Monthly 0 306.65 192.93 8" Monthly 0 306.65 192.93 10" Monthly 0 306.65 192.93 10" Monthly 0 859.27 Volumetric Charges: 76,912 \$3.5187 First Block 7,468 1.5212 Fourth Block 5,560 1.0244 All	ent Pro Forma Rates		Prop	Proposed Pro Forma Rates	Rates		rayez oi /
Commercial: Minimum Charge: 5/8" Monthly 2,561 \$7.08 3/4" Monthly 687 12.84 1-1/2" Monthly 69 60.24 4" Monthly 69 60.24 4" Monthly 69 60.24 4" Monthly 0 98.15 6" Monthly 0 98.15 6" Monthly 0 98.15 First Block 76,912 \$3.5187 Second Block 7,468 1.5212 Fourth Block FAL's and Creditis Reconcile to Books Total Right Monthly 135,489 Total First Block 7,468 1.5212 Fourth Creditis 0 135,489 Total	lee Cirrent	Cus	er Calco	J.,	1-1-) :	,
Commercial: Minimum Charge: 5/8" Monthly 2,561 \$7.08 3/4" Monthly 687 12.84 1-1/2" Monthly 135 22.33 2" Monthly 69 33.71 3" Monthly 69 60.24 4" Monthly 0 98.15 6" Monthly 0 98.15 6" Monthly 0 306.65 10" Monthly 0 859.27 Yolumetric Charges: First Block First Block 76,912 \$3.5187 \$5.50 1.9712 Third Block 7,468 1.5212 Fourth Block 5,560 1.0244 FAL's and Credits 0 1.0244 FAL's and Credits 1.0244 FAL's and Credits 1.0244 Third Block 1.0244	Rate	ē	Billings ('000 Gal)	Rate	Revenue	Change	Change
## Monthly 2,561 \$7.08 ## Monthly 0 ## Monthly 135 ## Monthly 135 ## Monthly 369 ## Monthly 69 ## Monthly 69 ## Monthly 0							C
3/4" Monthly 0 9.06 1" Monthly 687 12.84 1-1/2" Monthly 135 22.33 2" Monthly 69 69.24 4" Monthly 69 69.24 4" Monthly 0 98.15 6" Monthly 0 98.15 10" Monthly 0 98.15 10" Monthly 0 98.15 10" Monthly 0 859.27 Volumetric Charges: First Block 7,468 1.5212 Fourth Block 7,468 1.5212 Fourth Block 7,468 1.5212 Fourth Block 7,468 1.5212 Fourth Block 7,468 1.5212 Total 135,489	\$7.08	\$18.134	2.561	\$8.50	\$21 771	\$ 3 637	30 08%
1" Monthly 687 12.84 1-1/2" Monthly 135 22.33 2" Monthly 69 60.24 4 Monthly 0 0 98.15 6" Monthly 0 0 98.15 10" Monthly 0 0 306.65 10" Monthly 0 0 520.92 12" Monthly 0 0 859.27 Volumetric Charges: First Block 76,912 \$3.5187 Second Block 745,550 1.9712 Fourth Block 7,468 1.5212 Fourth Block 7,468 1.5212 Fourth Block 7,468 1.5212 Fourth Block 7,468 1.5242	9.06	0	0	10.90	0	0	0 00%
1-1/2" Monthly 135 22.33 2" Monthly 69 60.24 4" Monthly 0 0 98.15 6" Monthly 42 192.93 8" Monthly 0 0 306.65 10" Monthly 0 0 520.92 12" Monthly 0 0 859.27 Volumetric Charges: First Block 76,912 \$3.5187 Second Block 7,468 1.5212 Fourth Block 5,560 1.0244 FAL's and Credits 0 Books Total 135,489	12.84	8,821	687	15.40	10,580	1,759	19.94%
2" Monthly 369 33.71 3" Monthly 69 60.24 4" Monthly 42 192.93 8" Monthly 0 0 306.65 10" Monthly 0 0 520.92 12" Monthly 0 0 859.27 Volumetric Charges: First Block 76,912 \$3.5187 Second Block 7,468 1.5212 Fourth Block 7,468 1.5212 Reconcile to Books Total 135,489	22.33	3,015	135	26.80	3,618	603	20.00%
4" Monthly 69 60.24 4" Monthly 192.93 8" Monthly 0 306.65 10" Monthly 0 520.92 12" Monthly 0 859.27 Volumetric Charges: First Block 76,912 \$3.5187 Second Block 7,468 1.5212 Fourth Block 7,468 1.5212 Fourth Block 5,560 1.0244 FAL's and Credits 0 135,489 Total 135,489	33.71	12,439	369	40.50	14,945	2,506	20.15%
4" Monthly 6" Monthly 6" Monthly 70 Monthly	60.24	4,157	69	72.00	4,968	811	19.51%
8" Monthly 0 306.65 10" Monthly 0 520.92 12" Monthly 0 859.27 Volumetric Charges: First Block 76,912 \$3.5187 Second Block 45,550 1.9712 Third Block 7,468 1.5212 Fourth Block 5,560 1.0244 FAL's and Credits 0 Reconcile to Books Total 135,489	98.15	0	0	118.00	0	0	0.00%
10" Monthly 0 520.92 12" Monthly 0 859.27 Volumetric Charges: First Block First Block First Block Fourth Block FAL's and Credits Reconcile to Books Total Total Total	306.65	8,103	42	232.00	9,744	1,641	20.25%
Volumetric Charges: First Block Second Block Third Block Fourth Block FAL's and Credits Reconcile to Books Total Volumetric Charges: 76,912 \$3.5187 83.5187 7468 1.9712 7,468 1.5212 7,468	520.92	0 0	-	625.00	> C	> C	0.00%
Volumetric Charges: 76,912 \$3.5187 First Block 45,550 1.9712 Third Block 7,468 1.5212 Fourth Block 5,560 1.0244 FAL's and Credits 0 1.0244 Reconcile to Books 135,489 3 Total 35,489 3	859.27	0 (0 (1 032 00	> 0	-	0.00%
Volumetric Charges: 76,912 \$3.5187 First Block 45,550 1.9712 Third Block 7,468 1.5212 Fourth Block 5,560 1.0244 FAL's and Credits 0 1.0244 Total 135,489 3			,	;	(•	3
First Block 76,912 \$3.5187 Second Block 45,550 1.9712 Third Block 7,468 1.5212 Fourth Block 5,560 1.0244 FAL's and Credits 0 Reconcile to Books Total 135,489							
Second Block 45,550 1.9712 Third Block 7,468 1.5212 Fourth Block 5,560 1.0244 FAL's and Credits 0 Reconcile to Books Total 135,489		270,629	76,912	\$3.4900	268.421	(2.208)	-0.82%
Third Block 7,468 1.5212 Fourth Block 5,560 1.0244 FAL's and Credits 0 Reconcile to Books Total 135,489 \$2		89,788	45,550	1.7900	81,534	(8.254)	-9.19%
Fourth Block FAL's and Credits Q Reconcile to Books Total 135,489		11,360	7,468	1.7900	13,368	2,008	17.68%
Reconcile to Books 135,489 ———————————————————————————————————		5,695	5,560	1.7900	9,952	4,257	74.75%
Total 135,489	•	•			c	-	0.00%
	35,489	\$432,141	135,489	1	\$438.901	\$6.760	1 56%
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Case No. WR-201 Schedule CAS-1 Page Schedule CAS-1 Page				12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	ember 31, 2007				
Percent Portine Proposed	Missouri Public Service Company: Missouri-Ame	Commissionerican Water	n r Company							Case No. Schedule	. WR-2003-XXX e CAS-14-PKW
Customer	District: Parkville Water	(Platte Cou	nty)								Page 3 of 7
Description			riesell rior	Offila Kates			Prop	osed Pro Form	a Kates		
Publication Patie		Customer Meter	Sales	Current	Total	Customer Meter		Proposed	Total	Dollar	Doroontogo
Infinitum Charact Maintant Charact 84 \$7.06 \$565 94 \$8.50 \$714 \$119 347 Monthly 0 10.90 \$109 \$119 348 \$119 347 Monthly 0 10.90 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$119 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348 \$147 348		Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Sign Morthly 84 \$7.08 \$5.95 84 \$8.50 \$7/4 \$119 3.4" Morthly 0 9.06 0 0 1.02 0 0 1.09 0										Q	C
34 Morthly 0 19.64 00 10.50 01		0		4	7	2) !) -	•	
T Monthly 24 12.43 50 0 10.50 0 0 17.40mthly 24 22.33 5.86 24 28.80 0 0 17.40mthly 24 22.33 5.86 24 28.80 15.40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		α 4 c		\$7.08	\$595	84		\$8.50	\$714	\$119	20.00%
Twomthy 1		· c		9.06	c	0		10.90	0	0	0.00%
2 Monthly 36 22,33 536 24 26,80 643 107 2 Monthly 36 62,24 1,214 36 40,50 1,488 244 40 40 40,50 1,488 244 41 36 40,50 1,488 244 41 36 40,50 1,488 244 41 36 40,50 1,488 244 41 36 40,50 1,488 244 41 36 40,50 1,488 244 41 36 40,50 1,488 244 41 36 40,50 1,488 244 41 36 40,50 1,488 244 41 36 40,50 1,488 244 41 36 40,50 1,489 24 40,50 1,489 24 40,50 1,489 24 40,50 1,489 24 40,50 1,489 24 40,50 1,489 24 40,50 1,489 24 40,50 1,489 24 40,50 1,50 1,50 1,50 1,50 1,50 1,50 1,50		2 0		12.84	0	0		15.40	0	0	0.00%
Z Monthly 36 33.71 1.214 36 40.50 1.458 244 3 Monthly 0 98.15 0 0 718.00 0 0 0 6" Monthly 0 98.15 0 0 232.00 0 0 0 6" Monthly 0 306.65 0 0 358.00 0 0 0 10" Monthly 0 852.92 0 0 358.00 0 0 0 12" Monthly 0 852.72 0 0 358.00 0 0 0 12" Monthly 0 852.72 0 0 358.00 0 0 0 12" Monthly 0 852.72 0 0 1,032.00 0 0 0 12" Monthly 0 852.72 0 0 1,032.00 0 0 0 12" Monthly 0 1,3749 2,818 3,940 \$2,500 1,032.00 0 0 10" Monthly 0 1,031 0 3,940 \$2,500 1,500 0 0 10" Monthly 0 1,031 0 0 1,500 0 0 0		24		22.33	536	24		26.80	643	107	19.96%
A' Monthly 0 80.24 0 0 72.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		36		33.71	1,214	36		40.50	1,458	244	20.10%
4" Monthly 0 98.15 0 0 118.00 0 6" Monthly 0 192.83 0 0 232.00 0 0 6" Monthly 0 520.92 0 0 388.00 0 0 10" Monthly 0 520.92 0 0 625.00 0 0 12" Monthly 0 859.27 0 0 1,032.00 0 0 Volumetric Charges: 1.3744 9.669 3,940 \$2.5000 9.849 180 First Block 2,050 1.3749 2,818 2,050 1.5000 9.849 180 Fourth Block 2,050 1.0611 0 0 1.5000 3,940 \$2.500 9.849 180 February Block 2,050 1.0611 0 0 1.5000 3,075 257 Fourth Block 0 0.7145 0 0 0 1.5000 3,075 257 Reconcile to Books 5,969 514,783 5,969 \$15,087 \$9.04		0		60.24	0	0		72.00	0	0	0.00%
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Volumetric Charges: 3,940 \$2,4544 9,669 3,940 \$2,500 9,849 180 Second Block 2,050 1,3749 2,818 2,050 1,5000 9,849 180 Fourth Block 0 1,0611 0 0 1,5000 0 0 0 FAL's and Credits (20) (20) 4(49) (20) 1,3000 0 0 0 Reconcile to Books 5,969 \$14,783 5,969 \$15,687 \$904 \$904		0 (859.27	-	.		1 032 00	.	o c	0.00%
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Infect Packville Water (Platter Courney) Maker (Platter Courney) Customer (Platter Courney) Customer (Platter Courney) Proposed Pro Forms Rates	any: Missouri-American Water Company It: Parkville Water (Platte County) Text Parkville Water (Platte County) Description Meter Sales Current Total Meter Sales Current Total Meter Sales Current Total Meter Soft Monthly Other Public Authority: Minimun Charge: 12" Monthly 84 12.13 213 213 214 Monthly 213 213 214 Monthly 32 215 216 Monthly 32 217 Monthly 33 217 Monthly 42 218 Monthly 42 219 Monthly 42 219 Monthly 42 219 Monthly 43 210 210" Monthly 44 211 212 213 214 215 216 217 Monthly 64 217 218 219 219 219 219 219 219 219	Missouri	i Public Service	e Commission		12	12 Month Test Period Ended December 31, 2002	riod Ended De	cember 31, 200	2			WD 2003
Class	Class/ Customer Customer Sales Customer Customer Description Meter Sales Current Total Meter Meter Sales Current Total Meter Meter S 5/8" Monthly 351 \$7.08 \$2,485 351 \$1 \$1 Meter \$1 \$1 Meter \$1 \$1 \$1 \$1 \$1 \$2 \$1 \$1 \$2 \$3 \$1	Compan District:	ny: Missouri-Am Parkville Wate	nerican Water r (Platte Cour	r Company ntv)							Case No Schedu	b. WR-2003- le CAS-14-I
Classor Customer Customer Customer Customer Customer Customer Total Customer Customer Total Customer Total Customer Customer Total Customer Customer Total Customer Customer <th>Class/ Description Customer Melter Customer Sales Current Current Total Total Customer Melter Customer Souther 5/8" Monthly 351 \$7.08 \$2,485 351 5/8" Monthly 34 213 9.06 0 1" Monthly 84 12.84 1,079 84 1-1/12" Monthly 12 33.71 7,180 213 2" Monthly 12 9.06 0 0 4" Monthly 12 9.06 0 0 10" Monthly 10 9.02 3 2,315 12 2" Monthly 0 520,92 0 0 0 10" Monthly 0 520,92 0 0 0 2" Monthly</th> <th></th> <th>ı</th> <th>1</th> <th>Present Pro F</th> <th>orma Rates</th> <th></th> <th></th> <th>Prop</th> <th>osed Pro Form</th> <th>na Rates</th> <th></th> <th>r age 4</th>	Class/ Description Customer Melter Customer Sales Current Current Total Total Customer Melter Customer Souther 5/8" Monthly 351 \$7.08 \$2,485 351 5/8" Monthly 34 213 9.06 0 1" Monthly 84 12.84 1,079 84 1-1/12" Monthly 12 33.71 7,180 213 2" Monthly 12 9.06 0 0 4" Monthly 12 9.06 0 0 10" Monthly 10 9.02 3 2,315 12 2" Monthly 0 520,92 0 0 0 10" Monthly 0 520,92 0 0 0 2" Monthly		ı	1	Present Pro F	orma Rates			Prop	osed Pro Form	na Rates		r age 4
Other Public Authority: CODIGN Rate Revenue Billings (DOS Ga) Fruity Code of the public Authority	Other Public Authority: Dillings (7000 Gal) Rate Revenue Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer		D	Tatal	7 } } }]	
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Second Block Third Block Fourth	Second Block Third Block Fourth Block FAL's and Credits Reconcile to Books Total		irst Block	ļ	10 849	\$4 0469	43 006		10 840	\$3 4000	27 064		<u> </u>
Third Block 0 1.7495 0 0 1.7900 0 1.7007 Fourth Block 0 1.1782 0 0 0 1.7900 0 0 0 0 FAL's and Credits (164) (494) (164) (164) (438) 56 Reconcile to Books 27,209 \$96,101 27,209 \$85,297 (\$10,804)	Third Block 0 1.7495 0 Fourth Block 0 1.1782 0 FAL's and Credits (164) (494) Reconcile to Books Total 27,209 \$96,101		econd Block		16,523	2.2671	37.460		16.523	\$3.4900 1 7900	37,00 4 29,577	(5,042) (7,883)	5 -i
Fourth Block 0 1.1782 0 0 0 1.7900 0 0 FAL's and Credits (164) (494) (494) (164) (438) 56 Reconcile to Books 27,209 \$96,101 27,209 \$85,297 (\$10,804) Total \$1.7900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Fourth Block 0 1.1782 0 FAL's and Credits (164) (494) Reconcile to Books Total 27,209 \$96,101		hird Block		0	1.7495	0		0	1.7900	0.01	(,,000)	o .
FAL's and Credits (164) (494) (164) (438) 56 Reconcile to Books 27,209 \$96,101 27,209 \$85,297 (\$10,804)	FAL's and Credits Reconcile to Books Total 27,209 \$96,101		ourth Block		0	1.1782	0		0	1.7900	0	0 (o :
Total 27,209 \$96,101 27,209 \$85,297 (\$10,804)	Total \$96,101		AL's and Credits	6	(164)		(494)		(164)		(438)	56	-11.34%
\$85,297 (\$10,804) ————————————————————————————————————	27,209 \$96,101		econone to poor		2	ı						0	0.00%
	26 27 28 29 30 31 31 32 33 34 35 36 37		otal	_	27,209	# I	\$96,101		27,209		\$85,297	(\$10,804)	-11.24%
27 28 29 30 31 31 32 33 34 35 36	28 29 30 31 31 32 33 34 35 36 36 37) S				1							
29 30 31 31 32 33 34 35 36 37	29 30 31 32 33 33 34 33 34 35 36 36 37	27											
30 31 32 33 34 35 36 37	30 31 32 33 34 35 36 36 37	28											
31 32 33 34 35 36 37	31 30 31 30 31 31 32 31 31 31 31 31 31 31 31 31 31 31 31 31	29											
32 33 34 35 36 37 38	32 33 34 35 36 37 38 38	2 3											
33 34 35 36 37 38	33 34 35 36 37 38 39	ઝુ ડ											
3.5 3.5 3.6 3.7 3.8 3.8	34 35 36 37 38 38	3 &											
36 37 38	35 36 37 37 38	3 G											
36 37 38	36 37 37 38 38	<u>د</u> ک											
37 38 39	37 38 38 39	န္တ (
39	39	37											
	40	38											

			71.	12 Month Test Period Ended December 31, 2002	log Eliged Dec	ember 31, Zuuz				
Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Water (Platte County)	Commissio lerican Wate	n r Company ntv)							Case No. Schedul	Case No. WR-2003-XXX Schedule CAS-14-PKW
	1 14000	Present Pro Forma Rates	orma Rates			Prop	osed Pro Forma Rates	a Rates		rage 5 or /
Line # Class/	Customer	>	>	₹ -	Customer					
1	Billings	('000 Gal)	Rate	Revenue	Rillings	Sales	Proposed	Pevenie	Dollar	Percentage
2 Other Water Utilities:	ties:	(000 001)	. 000		Cillingo	(oo oai)	Valo	Neverine	Cildilge	Cilaliye
	0		\$7.08	\$ 0	0		\$8.50	\$0	\$ 0	0.00%
5 3/4" Monthly	0		9.06	0	0		10.90	o 1	o t	0.00%
	0		12.84	0	0 (15.40	0 (0 (0.00%
7 1-1/2" Monthly	0		22.33	0	0		26.80	0 (0 (0.00%
8 2" Monthly	0		33.71	0	0		40.50	0 (0 0	0.00%
9 3" Monthly	36		60.24	2,169	36		72.00	2.592	493	19.50%
Ŭ	12		98.15	1,178	12		118.00	1.416	238	20.20%
	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	C		859.27	0	0		1,032.00	0	0	0.00%
के छ										
17 Volumetric Charges:	S.									
		2,400	\$5.2769	12,665		2.400	\$3,4900	8.376	(4 289)	-33 86%
		45,350	2.9561	134,058		45.350	2.8000	126 979	(7,079)	-5.28%
		32,692	2.2813	74,579		32,692	1.7900	58.518	(16.061)	-21.54%
		3,883	1.5362	5,964		3,883	1.5000	5,824	(140)	-2.35%
		0		0		0		0	0	0.00%
	ίδ		1						0	0.00%
24 Total		84,324	,	\$230,613		84,324	ı	\$203.705	(\$26.908)	-11.67%
25			1				II			
26										
26										
29										
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31										
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Missouri Public Service Commission Company: Missouri-American Water Company	Commissio erican Wate	n r Company							Case No. Scheduli	Case No. WR-2003-XXX Schedule CAS-14-PKW
Pr		Present Pro Forma Rates	orma Rates			Propo	nosed Pro Forma Rates	a Rates		rage o or /
Line # Class/	Customer			1	Customer				l :	
1	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Dollar	Percentage Change
2 Miscellaneous:										0.00
	0		\$7.08	\$ 0	0		\$8.50	\$0	\$ 0	0.00%
5 3/4" Monthly	0		9.06	0	0		10.90	0	0 1	0.00%
	0		12.84	0	0		15.40	0 (0 (0.00%
	0		22.33	0	0		26.80	0 (0 (0.00%
8 2" Monthly	0		33.71	0	0		40.50	0 (0 (0.00%
9 3" Monthly	0		60.24	0	0		72.00	0	o (0.00%
10 4" Monthly	0		98.15	0	0 (118.00	0 (o (0.00%
	0		192.93	0	0		232.00	0	0	0.00%
	0		306.65	0	0		368.00	0 (0 (0.00%
13 10" Monthly	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:	.S.									
		0	\$0.0000	0		0	\$0.0000	၁	0	0 00%
		0	0.0000	0		0 •	0.0000	0 (o (0.00%
		0	0.0000	0		0	0.0000	0 (o (0.00%
		0	0.0000	0		0	0.0000	0	0	0.00%
22 FAL's and Credits		4,191		16,218		4,191		16,218	0	0.00%
23 Reconcile to Books	S		1					,	0	0.00%
24 Total		4,191	,	\$16,218		4,191	1	\$16.218	\$0	0.00%
25			II				II			
27										
28										
29										
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### Private Fire Hydrant 27 \$980.64 \$26,477 4	ivate Fire Hydrant L's and Credits tal blic Fire Protection: blic Fire Hydrants	Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Water (Platte County) Line # Connection Number of Size Connections	Present Rates Annual To Rate Rev	Present Rates 12 Month Test Period Ended December 31, 2002 Proposed Rates Present Rates Proposed Rates Annual Annual Rate Revenue Rate Revenue Revenue Revenue Revenue Revenue Revenue Revenue	led Dec	Propose Annual Rate	Proposed Rates Annual Total Rate Revenue
Private Fire Hydrant 27 \$980.64 \$25,477 980.64 2" 1 140.52 141 140.52 3" 0 241.44 0 241.44 4" 5 383.16 1,916 383.16 6" 25 785.76 19,644 785.76 8" 9 1,352.04 12,168 1,352.04 10" 3 2,078.16 6,234 2,078.16 FAL's and Credits (5,809) (5,809) Total 70 \$80,771 \$80,771 Public Fire Protection: 582 0.00 0 352.92 9 352.92 352.92 352.92 352.92	ivate Fire Hydrant " "L's and Credits ital iblic Fire Protection: iblic Fire Hydrants						İ
2" 1 140.52 141 140.52 3" 0 241.44 0 241.44 4" 5 383.16 1,916 383.16 6" 25 785.76 19,644 785.76 8" 9 1,352.04 12,168 1,352.04 10" 3 2,078.16 6,234 2,078.16 12" 0 2,963.16 6,234 2,078.16 FAL's and Credits Fotal 70 \$60,771 \$60,771 Public Fire Protection: 582 0.00 352.92 352.92	" " tal blic Fire Protection: blic Fire Hydrants		\$980.64	\$26,477	980.64	\$26,477	77
3" 0 241.44 0 241.44 4" 5 383.16 1,916 383.16 6" 25 785.76 19,644 785.76 8" 9 1,352.04 12,168 1,352.04 10" 3 2,078.16 6,234 2,078.16 12" 0 2,963.16 0 2,963.16 FAL's and Credits (5,809) Total 70 \$50,771 \$50,771 \$50,771 Public Fire Protection: Public Fire Hydrants 582 0.00 0 352.92 352.92	" tal blic Fire Protection: blic Fire Hydrants		140.52	141	140.52	141	7
4" 5 383.16 1,916 383.16 6" 25 785.76 19,644 785.76 8" 9 1,352.04 12,168 1,352.04 10" 3 2,078.16 6,234 2,078.16 12" 0 2,963.16 0 2,963.16 FAL's and Credits Total 70 \$60,771 \$60,771 Public Fire Protection: Public Fire Hydrants 582 0.00 0 352.92	" tal blic Fire Protection: blic Fire Hydrants	0	241.44	0	241.44		0
6" 25 785.76 19,644 785.76 8" 9 1,352.04 12,168 1,352.04 10" 3 2,078.16 6,234 2,078.16 12" 0 2,963.16 0 2,963.16 FAL's and Credits Total 70 \$80,771 (5,809) Public Fire Protection: Public Fire Hydrants 582 0.00 0 352.92 352.92	" L's and Credits Ital Iblic Fire Protection: Iblic Fire Hydrants	₀	383.16	1,916	383.16		1,916
8" 9 1,352.04 12,168 1,352.04 10" 3 2,078.16 6,234 2,078.16 12" 0 2,963.16 0 2,963.16 FAL's and Credits (5,809) Total 70 \$80,771 Public Fire Protection: Public Fire Hydrants 582 0.00 0 0 352.92	" tal blic Fire Protection: blic Fire Hydrants	25	785.76	19,644	785.76	19,	19,644
10" 3 2,078.16 6,234 2,078.16 12" 0 2,963.16 0 2,963.16 FAL's and Credits (5,809) (5,809)	" tal blic Fire Protection: blic Fire Hydrants	9	1,352.04	12,168	1,352.04	12,	12,168
12" 0 2,963.16 0 2,963.16 FAL's and Credits (5,809) (5,809)	"tal iblic Fire Protection: iblic Fire Hydrants	ω	2,078.16	6,234	2,078.16	<u>ق</u>	6,234
Total 70 \$60,771	tal iblic Fire Protection: iblic Fire Hydrants	0	2,963.16	0	2,963.16		0
Public Fire Protection: \$60,771 Public Fire Hydrants 582 0.00 0 352.92 352.92	tal iblic Fire Protection: iblic Fire Hydrants			(5,809)			(5,809)
Public Fire Protection: See 1.00 0 352.92 352.92	iblic Fire Protection:	70		\$60,771		88	\$60,771
Public Fire Hydrants 582 0.00 0 352.92	blic Fire Hydrants	ction:					
38			0.00	0	352.92		205,399

		For the Test Year Ended December 31, 2002		
Missouri Public Service Commission Company: Missouri-American Water Company District: St. Charles	mmission an Water Company			Case No. WR-2003-XXX Schedule CAS-2-SCH Page 1 of 1
Line				
o No → ₹				
ν 4- κ	Description	Schedule	Amount	
7 6 6	Rate Base	CAS-3-SCH	\$33,788,613	
о со -	Operating Income at Present Rates	CAS-8-SCH	2,526,101	
700	Earned Rate of return		7.48%	
ω Ν -	Requested Rate of Return	Grubb Testimony	8.30%	
Σ 4 π	Required Operating Income		2,804,455	
7 6	Operating Income Deficency		278,354	
ο ∞ -	Gross Revenue Conversion Factor		1.62742	
7.9	Revenue Deficiency		452,999	
ώ (Σ	Adjusted Operating Revenues	CAS-8-SCH	8,682,717	
3 65 65 44 6	Total Revenue Requirement		\$9,135,716	
Ö 16 6 -	Gross Revenue Conversion Factor Revenue Uncollectibles 0.26	r \$1,000.000 0.26720% 2,672		
3 3 4 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	nent nount Taxes e Taxes nd Expenses	\$61 33 35 461		
39 38	Conversion Factor	1.62742		

			Rate Base Summary Test Year Ended December 31, 2002	1. 2002		
Misso Comp Distric	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Charles				Case No. WR-2003-XXX Schedule CAS-3-SCH Page 1 of 1	ase No. WR-2003-XXX Schedule CAS-3-SCH Page 1 of 1
Line #						ļ
· ω Ν -	Rate Base Component	Supporting Reference	Per Books <u>12/31/02</u>	_Adjustments_	Pro Forma Rate Base	
4 ro a	Utility Plant in Service	CAS-4-SCH	60,762,253	4,412,193	65,174,446	
۰ ۷ ۵	Accumulated Provision for Depreciation	CAS-5-SCH	(11,037,165)	(1,132,470)	(12,169,635)	
ς 0 ο ο	Accumulated Amortization	W/P's	0	0	0	
3 = 2	Utility Plant Acquisition Adjustments	W/P's	0	66,340	66,340	
1 2 4	Net Utility Plant		49,725,088	3,346,063	53,071,151	
16 16 19 20 21 22	Less: Customer Advances Contributions in Aid of Construction Accumulated Deferred ITC (3%) Deferred Income Taxes Pension Liability	CAS-6-SCH CAS-6-SCH W/P's W/P's W/P's	1,931,719 13,559,689 0 2,820,888 298,300	977,168 (266,214) 0 339,944 289,450	2,908,887 13,293,475 0 3,160,832 587,750	
23 25	Subtotal		18,610,596	1,340,348	19,950,944	
26 27 28 30	Add: Cash Working Capital Materials and Supplies Prepayments	CAS-7-SCH W/P's W/P's	0 127,741 32,351	000	0 127,741 32,351	
2 22 23 23 25	OPEB's Contributed to External Fund Premature Retirement Regulatory Deferrals	W/P's	32,351 298,070 0 172,626	0 (7,894) 0 45,512	32,351 290,176 0 218,138	
2 33 4 2 6 6	Subtotal		630,788	37,618	668,406	
38 39 40	Total Original Cost Rate Base		31,745,279	2,043,334	33,788,613	

Utility Plant in Service For the Test Year Ended December 31, 2002
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Company: Missouri District: St. Charles	Missouri	Company: Missouri-American Water Company			(0)	Schedule CAS-4-SCH
	. Cildiles					Page 1 of 2
Line #			Per Books	Pro Forma	Pro Forma	
	Acct No	Account Description	12/31/02	Adjustments	UPIS	
ω N	201	Intangible Plant Organization)	2	2	
4	302	Franchise & Consents	12 572	\$0.;0;-	40 -,0	
OI .	303	Miscellaneous Intangible Plant Studies	, i, j, j, i	17.767	17.767	
1 თ		Subtotal	12,572	49,578	62,150	
• `	5	Source of Supply Plant				
တ	31 c	Structures & Improvements	5,372 0	0	5,372	
1	210	Collection & Impound Reservoirs	> 0	o (o (
<u> </u>	313 i	Lake, River, & Other Intakes	0	ဘ (၁	o c	
12	314	Wells & Springs	0	0	0 '	
13	316	Supply Mains	0	1,908,752	1,908,752	
1 1 1 4		Subtotal Subtotal	5,372	1,908,752	1,914,124	
1 66	320	Pumping Land & Land Rights	1 193	D.	1 103	
17	321	Pumping Structures & Improvements	1,345,557	34.997	1.380.554	
\$ ₴	322	Boiler Plant Equipment	0		0	
3 -	3 22	Porce Mails	250,577		250,571	
22.6	325 325	Steam Fumping Equipment	3 080 115 0	သ သ	3 003 330 0	
23	326	Diesel Pumping Equipment	0	() ()	r,000,000 0	
23	327	Pump Equip Hydraulic	0	0	0	
25 24	328	Other Pumping Equipment	5,613	38 220	5,613	
26		Treatment Plant				
27	330	Water Treatment Land & land Rights	5,372	0	5,372	
28	33	Water Treatment Structures & Improvements	0	0	0	
30	33.7	Water Treatment Equipment	16,283	, 0	16,283	
<u>~</u> 6	1.400	Subtotal	21 655		21 655	
32		Transmission & Distribution Plant	- ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1 3000	
္မယ္ထ	340	Transmission & Distribution Land	266,396	0	266,396	our some our
3 3 3 4	341 241	Transmission & Distribution Structures & Improvement		0	531,052	************
 	342	Distribution Reservoirs & Standpipes	1,726,137	24,867	1,751,004	
36	343	Transmission & Distribution Mains Conv	16,896,240	651,596	17,547,836	
3 4	343.	Transmission & Distribution Mains < 4'	474,395	0	474,395	
 ઝ &	343.2	Transmission & Distribution Mains 6" - 8'	5,363,251 17,267,020	38,681	5,401,932	
40		Subtotal	total 42,524,491	1,310,182	43,834,673	

		Utility Plant in Service	Service		
Missauri Bublis Cons		For the Test Year Ended December 31, 2002	ecember 31, 2002		
Company: Missouri-American Water	Missouri Fubile Service Commission Company: Missouri-American Water Company District: St. Charles				Case No. WR-2003-XXX Schedule CAS-4-SCH
- - - - - - - -				Andready the second second second second second second second second second second second second second second	raye z vi z
7		Per Books	Pro Forma	Pro Forma	
1 Acct No 2	Account Description Transmission & Distribution Plant	12/31/02 Bal Fwd 42 524 491	Adjustments	<u>UPIS</u> 43 834 673	folkoon mooney.
3 344	Fire mains		0	227 959	
4 345	Services	5,201,689	162,939	5.364,628	www.
	Meters - Bronze Case	712,579	86,112	798,691	
6 346.2	Meters - Plastic Case	0	0	0	
	Meters - Not Class By Type	323,170	0	323,170	
	Meter Installation	2,585,387	180,751	2,766,138	
	Hydrants Othor Tropominator 8 Distribution Distrib	3,578,318	13,815	3,592,133	
11 349	Subtotal	5,964 55 157 567	1 752 700	3,964	
	General Plant	00,101,001	1,700,700	JO, 811, JOO	
	General Land & Land Rights	0	0	0	
15 390.1	Stores Shops Equipment Structures Office Structures	316 030	10.658	326 688	
16 390	General Structures - HVAC	0	 0	320,088 0	
	Miscellaneous Structures	977	0	977	
19 391	Office Furniture and Equipment	93,300	409,102	502,402	
	Computer Software	11 476	39 308	50.784 50.784	
	Personal Computer Software	108,590	9,735	118.325	
22 391.3	Other Office Equipment	0	889	889	
	Transportation Equipment - Light Trucks	175,175	36,837	212,012	1010111000
25 392.12	Transportation Equipment - Heavy Trucks	0	61,706	61,706	
	Transportation Equipment - Other	860	- io; - io;	6.01	of process
27 393	Stores Equipment	907	0	907	
	Tools, Shop, & Garage Equipment	95,224	17,342	112,566	for sendido a s
	Laboratory Equipment	5,427	2,302	7,729	· constitution of the cons
31 397	Communication Equipment (non telephone)	20.202		83,202	secure for track
	Telephone Equipment	12 580	1 820	21,090 14.400	and a share
	Miscellaneous Equipment	91,558	945	92,503	6.7 h shows
34 399	Other Tangable Property	855,198	0	855,198	e d Mar en annual
36 S	Subtotal	1,882,048	661,844	2,543,892	A .1.
37	Total Plant in Service	\$60,762.253	\$4,412,193	\$65.174.446	
38					-
40					

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

Missouri Pu	hlic Serv	Missouri Public Service Commission	lest Year Ended December 31, 2002	002		אין החסף האין
Company: Missouri District: St. Charles	Missouri- Charles	Company: Missouri-American Water Company District: St. Charles				Schedule CAS-5-SCH Page 1 of 2
Line #			Per Books	Pro Forma	Pro Forma	
	Acct No	Account Description	12/31/02	Adjustments	Reserve	
» N	2	Intangible Plant				· Account to the
ى د	3 6	Criganization	\$0	\$0	\$0	
QJ 1	303 203	Miscellaneous Intangible Plant Studies	306 586 U	202 0	0 0	
<u></u>		Subtotal	306.586	94.207	400,793	
7		Source of Supply Plant		91,207	100,700	
	310	Land & Land Rights	0	0	0	
; «) -	oructures & improvements	0	0	0	
<u> </u>	21 21 21 22 21 22	Collection & Impound Resevoirs	0	0	. 0	
	314	Wells & Springs	.	o c	o C	
13	316	Supply Mains	0 0	(169 023)	(169 023)	
14 4		Subtotal	0	(169,023)	(169,023)	
के ज	390 0	Pumping Plant Pumping I and & I and Rights	>	Þ	•	
17	321 1	Pumping Structures & Improvements	209 078	24 776 2 778	333 85A	
18	322	Boiler Plant Equipment	0	0	0	
	323	Force Mains	29,181	4,869	34,050	
3 5	324	Steam Pumping Equipment	0	0	0	
22 :	326	Diesel Pumping Equipment	041,922 0	0	613,521	
23	327	Pump Equip Hydraulic	0	0 (0 (
25 25	328	Other Pumping Equipment Subtotal	4,727 784 908	101 360	4,843	
26	8	Treatment Plant				
28	33 S	Water Treatment Land & land Rights Water Treatment Structures & Improvements	0	0 0	0	
29	33 22	Water Treatment Equipment) 641	2	သ () ()	
30	332.4	Water Treatment Equipment - Filter Plant	0	0	0,00 0	
3 G		Subtotal	2,641	440	3,081	
33 K	340	Transmission & Distribution Flant	D)	o.	o	
34	341	Transmission & Distribution Structures & Improvements	254 734	27 088	281 800	no ti decembra
35	342	Distribution Reservoirs & Standpipes	525,268	28.970	554.238	
	343	Transmission & Distribution Mains Conv	5,425,526	183,024	5,608,550	
	343.1	Transmission & Distribution Mains < 4"	0	6,566	6,566	
	343.2	Transmission & Distribution Mains 6" - 8"	0	70,811	70,811	
40		Subtotal	6,205,529	186,313 502,749	186,313 6.708.278	

Ac Fc	Accumulated Depreciation and Amortization For the Test Year Ended December 31, 2002	mortization per 31, 2002		
				Case No. WR-2003-XXX
Company: Missouri-American Water Company				Schedule CAS-5-SCH
District: St. Charles				Page 2 of 2
Line#				
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37	36 36 36 36	జజ	32	31	30	29	28	27	26	25	24	23	22	21	20	19	8	17	6	5	14	3	12	그	6	ဖ	œ	7	တ	۲٦	4	ω	N -	`	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	3 90	390.1	390	389			349	348	347	346.3	346.2	346.1	345	344	7000	>	
Total Plant in Service	Other Tangable Property 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	Appropriation	
																																	Bal Fwd		
\$11,037,165	51,312 310,466	11,955	21.803	0	6.327	5.541	39.117	837	0	0	0	64,912	0	0	0	0	(6,206)	0	0	114.867	0	0		9.632.563	696	997 468	388.359	306.204	0	0	1,709,536	24,499	6,205,529	Per Books	
\$1,132,470	15,679 304,792	4,132	3.517	5.826	3.867	15	3.863	7	92	11,530	(5.464)	35.268	1.949	27.858	87.093	111,009	(12,147)	23	0	10.676	0	0		800.695	107	99 149	38.739	16.708	0	29.215	110,976	3,051	<u>Adjustments</u> 502,749	Pro Forma	
\$12,169,635	66,991 615,258	16,087	25.320	5.826	10 194	5.556	42.980	844	92	11,530	(5.464)	100.180	1.949	27.858	87.093	111.009	(18.353)	23 (0	125 543	0 (0	100	10 433 258	1,000,017	1 096 617	427 098	322.912	0	29.215	1.820.512	27,550	6.708.278	Pro Forma	

		Customer Adva	Customer Advances and Contributions in Aid of Construction	Aid of Construction		
Missouri Compan District:	Missouri Public Ser Company: Missouri District: St. Charles	vice Commission American Water Company			Ca	Case No. WR-2003-XXX Schedule CAS-6-SCH Page 1 of 1
Line #			:			
	Acct No	Account Description	Per Books <u>12/31/02</u>	Pro Forma <u>Adjustments</u>	Pro Forma <u>Balance</u>	
1ω4τυα	252.11 252.71	Customer Advances Advances for Construction - Extensions Advances for Construction - Taxable Extensions Total Customer Advances	1,717,312 214,407	977,168	2,694,480 214,407	
7 9 10						
2 1	271.11	Contributions in Aid of Construction Contributions in Aid - NT Mains	255,429	0	255,429	
1 3	271.12 271.21	Contributions in Aid - NT Extension Deposit Contributions in Aid - NT Services	300 8 720	5 0 (300 8 720	
1 5 5	271.30	Contributions in Aid - NT Meters Contributions in Aid - NT Hydrants	14,798 951,788	00	14,798 951,788	
18	774 74	Contributions in Aid Toyoble Maio	14,885	00	14,885	
19 0	271.12	Contributions in Aid - Taxable Mains Contributions in Aid - Taxable Extension Deposit	13,450,720 2,626,810	o o	13,450,720 2,626,810	
 22 28	271.27 271.37	Contributions in Aid - Taxable Services Contributions in Aid - Taxable Meters	1,412	000	1,412	
3 23 !	271.47	Contributions in Aid - Taxable Hydrants	230,397	00	236,397	
22.5	various	Accumulated Amortization - CIAC Total Contributions in Aid of Construction	(4,001,570) 13,559,689	(266,214) (266,214)	(4,267,784) 13,293,475	
25 26 27 28 29						
30 32						
34 33						
36 35 36 35						
37 38						

	For the	Working Capital For the Test Year Ended December 31, 2002	oital ecember 31, 2	002				
Missouri Public Ser Company: Missouri District: St. Charles	vice Commission -American Water Company						Case No. WR-2003-XXX Schedule CAS-7-SCH Page 1 of 1	R-2003-XXX CAS-7-SCH Page 1 of 1
Line#								
) <u></u>		Proforma	Average	ļ				
ယ ၊	Expense Category	Fxnense	Expense	Lag	(Lead)/J ac	Net Net	Casn	
4	Base Payroll	530,932	1.455	39.92	10.23	29.69	43 187	
ОП	Tax Withholding	252,269	691	39.92	17.39	22.53	15,572	
1 0	Fuel and Power	62,819	172	39.92	37.22	2.70	465	
œ ~	Ciletticals Purchased Water	050 050	, oe o	39.92	39.92	0.00	0	
9	Service Company Charges	772.529	2 117	39.92	(4 13)	44.05	03 233	
10	Group Insurance	115,758	317	39.92	(8.54)	48.46	15,369	
<u> </u>	CPEB's	110,564	303	39.92	(0.04)	39.96	12,104	
1 2 2 2	ESOP	147,628 6,919	404 19	39.92 39.92	39.92 39.92	0.00	0	
14	Insurance Other than Group	69,686	191 191	39.92	39.92	0.00	0 0	
3 5	Uncollectables	22,861	63	39.92	39.92	0.00	0	
17	401(k)	54,998 67,670	151	39.92	24.37	15.55	2,343	
18	Other O&M	486,980	1,334	39.92	20.67	19.25	25.683	
19 20	Total O&M Expenses	3,377,671				I	181,805	
21	Depreciation Amortization Expense	1,157,013	3,170	39.92	ı	39.92	126,542	
3 8	Property Taxes	728,397	1,996	39.92	182.50	(142.58)	(284,534)	
2 5	Franchise and Environment Tox	38,017	104	39.92	39.92	0.00	0	
25	FICA Taxes	16,828 865	ა 6 6	39.92 39.92	110.50	(70.58) 26.48	(3,254)	
26	FUTA Taxes	57.015	156	39.92	62.05	(22.40 (22.13)	(3.457)	
27	SUTA Taxes	7	0	39.92	62.05	(22.13)	(0, 10, 7	
22	Federal Income Tax - Current	224,438	615	39.92	60.25	(20.33)	(12,501)	
30	Deferred Income Taxes	35,269 505,683	1 632 1 632	39.92	62.1 <i>/</i>	(22.25)	(2,150)	
3	Interest Expense	1,185,743	3,249	39.92	91.15	39.92 (51.23)	(166,426)	
3 8	Preferred Dividends	16,891	46	39.92	45.63	(5.71)	(264)	
34	lotal working Capital Requirement	7,433,837				1	(99,026)	-
35	Total Cash and Working Capital Requirement Used					•	0	
36						1		
38								
39								· · · · · ·
[+c								

Schedule Ended Pro Forma	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Charles	For the Test Year Ended December 31, 2002	For the Test Year Ended December 31, 2002	2002			Case No. WR-2003-XXX Schedule CAS-8-SCH Page 1 of 1
Schedule Reference CAS-10-SCH Reference CAS-10-SCH Reference CAS-10-SCH Reference CAS-10-SCH Reference CAS-10-SCH Reference CAS-10-SCH CA			Toot your		П		7
CAS-9-SCH Pance CAS-10-SCH S1,798 S1,055,069 S1,887 CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH S1,798 S2,155,533 S370,568 S2,526,101 S278,353		Schedule Reference	Test year Ended 12/31/02	Adjustments	Pro Forma Present Rates	Adjustments	Pro Forma Proposed Rates
Panice CAS-10-SCH 3,906,108 (603,024) 3,303,084 1,210 (AS-10-SCH 915,581 241,432 1,157,013 (AS-10-SCH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operating Revenues	CAS-9-SCH	\$8,575,508	\$107,209	\$8,682,717	\$452,999	\$9,135,716
CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH S23,009 T2,674 S23,009 T2,674 S25,533 S370,568 S2,526,101 S278,353	Operating Expenses Operating and Maintenance Depreciation Expense	CAS-10-SCH	3,906,108 915,581	(603,024) 241,432	3,303,084 1,157,013	1,210	3,304,294 1,157,013
CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-12-SCH SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH SZ1,555,533 S370,568 S2,526,101 S278,353		0000		c	c		c
CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-10-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH S Thent Tax Credit S2.155,533 S370,568 S2.526,101 S278,353	Taxes other Than Income Taxes Property Taxes	CAS-10-SCH	610,131	118,266	728,397		728,397
CAS-10-SCH 16,363 (11,623) 4,740 3,025,422 356,069 3,381,491 451,789 CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH S23,009 T2,674 S2,155,533 S2,155,533 S2,155,533 S2,155,533 S2,155,533 S2,155,533 S2,155,533 S370,568 S2,526,101 S278,353	Payroll Taxes PSC Fees	CAS-10-SCH	51,798 50.105	6,089 0	57,887 50 105	o	57,887 50 105
Before Income Taxes 3,025,422 356,069 3,381,491 451,789 CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH CAS-12-SCH S23,009 72,674 595,683 0 \$2,155,533 \$370,568 \$2,526,101 \$278,353	Other	CAS-10-SCH	16,363	(11,623)	4,740		4,740
CAS-12-SCH 243,208 (18,770) 224,438 149,883 CAS-12-SCH 103,672 (68,403) 35,269 23,553 523,009 72,674 595,683 0 0	Utility Operating Income Before Income	axes	3,025,422	356,069	3,381,491	451,789	3,833,280
\$2,155,533 \$370,568 \$2,526,101 \$278,353	Income Taxes Federal Income Tax State Income Tax Deferred Income Taxes Amortization of Investment Tax Credit	CAS-12-SCH CAS-12-SCH	243,208 103,672 523,009 0	(18,770) (68,403) 72,674	224,438 35,269 595,683 0	149,883 23,553 0	374,321 58,822 595,683
	Utility Operating Income		\$2,155,533	\$370,568	\$2,526,101	\$278,353	\$2,804,454
					1	,	

	For the Test Year Ended December 31, 200	Year Ended I	For the Test Year Ended December 31, 2002	2002			
Missouri Public Service Commission Company: Missouri-American Water Company District: St. Charles							Case No. WR-2003-XXX Schedule CAS-9-SCH Page 1 of 1
Line#							
_	Test vear	Fliminate	Rill Analysis	₽	Normalizaton		Dro Forms
2	Ending	Unbilled	And Other	Analysis	& Annual	Other	Present Rate
υ 4	12/31/02	Revenue	Adjustments	at Rates	Adjustments	Adjustments	Revenue
5 Sales of Water							
6 Metered Sales							
	\$7,280,489	\$30,920	(\$3,106)	\$7,308,303	\$46,837		\$7,355,140
	892,557	2,165	1,105	895,827	26,384		922,211
10 Other Public Authority	4, IOS	1014	1070	4,132			4,132
) (F)	- - - -	, 0 0	0.701			800,701
	0	0 0	0 (0 0			0 0
14 lotal Metered Sales 15 16	8,331,806	34,966	(922)	8,365,850	73,221	0	8,439,071
17 Sewer Service	0	0	0	0	0	0	0
19 Fire Service							
	116,846		(56)	116,790		0	116,790
]		
22 Total Fire Service 23	116,846	0	(56)	116,790	0	0	116,790
24 Total Sales of Water 25	8,448,651	34,966	(978)	8,482,640	73,221	0	8,555,861
26 Other Operating Revenues							
	8,935			8.935			8.935
28 Returned Check Charge	2,086			2.086			2.086
	64,720			64,720			64,720
30 Miscellaneous Other Revenue	5,786			5,786			5.786
31 Rents from Water Property	16,300			16,300			16,300
_	20,020			620,62	<u></u>		620,62
34 35	126,856	C	0	126,856	C	C	126,856
36 Total Operating Revenues37	\$8,575,508	\$34,966	(\$978)	\$8,609,496	\$73,221	\$0	\$8,682,717

	t t
Page 1 of 1	District: St. Charles
Schedule CAS-10-SCH	Company: Missouri-American water Company
Case No. WR-2003-XXX	Missouri Public Service Commission
For the Test Year Ended December 31, 2002	
Summary of Operations and Maintenance Expenses and General Taxes	

33 33 33 33 33 33 33 33 33 33	28 29 30	25 26 27	21 22 23	19 20	i	16 17	15 15	: 3	12	10	ဖ ၀	0 7	4 ru o	ω Ν
Other General Laxes Total Taxes Other Than Income Taxes	Property Taxes Payroll Taxes PSC Fees	Depreciation Amortization Total Depreciation and Amortization	Maintenance - Other Total Operations and Maintenance	General Office Expense Miscellaneous	Rents	Insurance, Other than Group	Pensions Regulatory Expense	Group Insurance	Waste Disposal Management Fees	Chemicals	Fuel and Power	Labor	Expense Description	Each pro forma adjustment is keyed to a schedule as shown on Schedule CAS-11-SCH which provides additional detail and support.
CAS-11-SCH	CAS-11-SCH CAS-11-SCH CAS-11-SCH	CAS-11-SCH CAS-11-SCH	CAS-11-SCH	CAS-11-SCH	CAS-11-SCH CAS-11-SCH	CAS-11-SCH	CAS-11-SCH	CAS-11-SCH	CAS-11-SCH	CAS-11-SCH	CAS-11-SCH	CAS-11-SCH	Schedule Reference	chedule as shown on Sched
728,397	610,131 51,798 50,105	915,581 0 915,581	81,022 3,906,108	52,827 221 826	103,315 21,042	105,236	91,904 33,640	226,322	0 469 701	4,567	1,757,128	\$673,965	Test Year Expense	ule CAS-11-SCH which prov
(11,623) 112,732	118,266 6,089 0	241,432 0 241,432	40,955 (603,024)	3,285	(5,886) 33,956	(35,550)	55,724 (16,607)	(44,531)	300 808 0	(4,567)	(1,081,070)	\$109,237	Adjustment	ovides additional detail and support.
4,740 841,129	728,397 57,887 50,105	1,157,013 0 1,157,013	3,303,084	56,112 264 824	97,429 54.998	69,686	147,628	181,791	772 520	02,020	676,058	\$783,202	Pro forma Present Rates	ort.

Missouri Public Service Commission
Company: Missouri-American Water Company
Division: St. Charles

				290	290	29b	29a			15	27			22	2 -	2 2	36	ā	17	16	15	14	13	12	1	10	9	8	Line	168
			Total Taxes other than income	Other General Taxes		<u> </u>			Total Depreciation and Amortization	Circuitation	Depreciation		Total Operations and Maintenance	wallielialice - Offier	Miscellarieous	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	er Description	
			728,397	16,363	50,105	51,798	610,131		915.581		915,581		3,906,108	81,022	221,826	52,827	21,042	103,315	105,236	33,640	91,904	226,322	469,701	1	4,567	63,613	1,757,128	673,965	Ended 31-Dec-02	Test Year
			0					,	0				109,237													•		\$109,237	Labor Expense	Schedule CAS-15 p1
			0						0				(44,531)									(44,531)			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Group Ins Expense	Schedule CAS-15 p2
			0					ļ					55,724								55,724								Pension	Schedule CAS-15 p3
			0						0				1,986		1,986														401K/EIP Expense	Schedule CAS-15 p4
		0,000	6.089			6,089			0				0																Payroll Taxes Expense	Schedule CAS-15 p5
			0										(793)												1.22	(793)			Fuel & Power	Schedule CAS-15 p6
			0					c	D				(4,567)											11,001	(4.567)				Chemical	Schedule CAS-15 p7
												_	(1.081.070)														(1.081.070)		Purch Water	Schedule CAS-15 n8

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

Missouri Public Service Commission
Company: Missouri-American Water Company
Division: St. Charles

				29d	290	067	202			28	27			2	12	3 2	3 6	5 0	10	16	15	14	13	12	1	10	9	8	Number	 168
			Total Taxes other than income	Other General Taxes		L		<u> </u>	Total Depreciation and Amortization		Depreciation		Total Operations and Maintenance	Maillelaice - Ouler	╧	Ĺ	L		┸	L				Waste Disposal	Chemicals	Fuel and Power	L	1	<u>L</u>	
			0						0				0											0					Expense	CAS-15 p9
			0						0				(16.607)							(16,607)									Expense	Schedule CAS-15 p10
			0						0				(35.550)						(35,550)										Expense	Schedule CAS-15 p11
			0						0				302 828										302,828						Expense	Schedule CAS-15 p12
			0						0				33 956				33,956		-										Expense	Schedule CAS-15 p13
			0						0			(1)	(4 626)			(4,626)													Expense	Schedule CAS-15 p13
			0						0				(14 810)		(14,810)														Expense	Schedule CAS-15 p13
			0						0					0															Expense	Schedule CAS-15 p14
1			0						0			.,0	7 011			7,911													Expense	Schedule CAS-15 p15

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

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

Missouri Public Service Commission Company: Missouri-American Water Company Division: St. Charles

1 No.

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									29d	29c	29b	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	╡	6	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	Labor	Description	
							0							0					0			0														Expense	Schedule CAS-15 p16 Transpo.
							118,266					118,266		0					0																	Expense	Schedule CAS-15 p17 Property Taxes
							(12,088)		(12,088)					0					0																	Expense	Schedule CAS-15 p18 PSC Assess
							0							0					40,955		40,955															Expense	Schedule CAS-15 p19 Tank Painting
							0							0		0			0																	Expense	Schedule CAS-15 p20 Amortization
							0							0					(5,886)						(5,886)											Expense	Schedule CAS-15 p21 Uncollectable
the state of the s							0							0					0						0											Expense	Schedule CAS-15 p21 Uncollectable
							0							241.432			241,432		0																		Schedule CAS-15 p22
							0					-		0					27.141			\$27,141														Expense	Schedule CAS-15 p23

Missouri Public Service Commission
Company: Missouri-American Water Company
Division: St. Charles

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								29d	L	L	29a					27				25			19	≅	17	L	15				L	ਰ			٣	168 Ine
						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	
_						0							0					19,840			\$19,840														Expense	Schedule CAS-15 p24
						0							0					5,838			\$5,838														Expense	Schedule CAS-15 p25
						465		\$465					0					0																	Expense	Schedule CAS-15 p26
						0							0					0																	Expense	Schedule
						0							0			1000000		0																	Expense	Schedule
																																			Expense	Schedule
						0							0					0																	Expense	Schedule
						112,732		(11,623)	0	6,089	118,266		241.432		0	241,432		(603,024)	10,000	40 955	39 995	3 285	33.956	(5,886)	(35,550)	(16,607)	55,724	(44,531)	302,828	0	(4,567)	(793)	(1,081,070)	\$109,237	Adjustments	Present
						841.129			50,105	57,887	728,397		1.157.013		0	1.157.013	コ	3,303,084	12,01	1		56 112	54.998						772,52			Ī		\$783,202		Total Present

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

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Rate	Ra	_		Taxes at Present and Propos ded December 31, 2002	ne Taxes at Present and Propos Ended December 31, 2002	come Taxes at Present and Propos ar Ended December 31, 2002	Income Taxes at Present and Propos Year Ended December 31, 2002	ral Income Taxes at Present and Propos st Year Ended December 31, 2002	deral Income Taxes at Present and Propos Test Year Ended December 31, 2002	⊦ederal Income Taxes at Present and Propos he Test Year Ended December 31, 2002	nd Federal Income Taxes at Present and Propos r the Test Year Ended December 31, 2002) and Federal Income Taxes at Present and Propos For the Test Year Ended December 31, 2002	ate and Federal Income Taxes at Present and Propos For the Test Year Ended December 31, 2002		ed
ed Rate	ed Ra	ed F	e	Taxes at Present and Proposed December 31, 2002	ne Taxes at Present and Proposition	come Taxes at Present and Proposition	Income Taxes at Present and Propo Year Ended December 31, 2002	ral Income Taxes at Present and Propost St Year Ended December 31, 2002	deral Income Taxes at Present and Propo Test Year Ended December 31, 2002	Federal Income Taxes at Present and Propose The Test Year Ended December 31, 2002	nd Federal Income Taxes at Present and Propert the Test Year Ended December 31, 2002) and Federal Income Taxes at Present and Prop For the Test Year Ended December 31, 2002	ate and Federal Income Taxes at Present and Propertor the Test Year Ended December 31, 2002		S
osed Rate	osed Ra	osed F	osed	Taxes at Present and Proded Taxes at Present and Proded Proded Taxes at Present and Proded Taxes at Present at Proded Taxes at Present at Pres	ne Taxes at Present and Pro Ended December 31, 2002	come Taxes at Present and Pro ar Ended December 31, 2002	Income Taxes at Present and Pro Year Ended December 31, 2002	ral Income Taxes at Present and Pro st Year Ended December 31, 2002	deral Income Taxes at Present and Pro Test Year Ended December 31, 2002	Federal Income Taxes at Present and Proceed Federal Income Taxes at Present and Proceeding 1, 2002	nd Federal Income Taxes at Present and Pro r the Test Year Ended December 31, 2002) and Federal Income Taxes at Present and Pro For the Test Year Ended December 31, 2002	ate and Federal Income Taxes at Present and Profer the Test Year Ended December 31, 2002		ğ
posed Rate	posed Ra	posed F	posed	Taxes at Present and F ded December 31, 2002	ne Taxes at Present and F Ended December 31, 2002	come Taxes at Present and F ar Ended December 31, 2002	Income Taxes at Present and F Year Ended December 31, 2002	ral Income Taxes at Present and F st Year Ended December 31, 2002	deral Income Taxes at Present and F Test Year Ended December 31, 2002	Federal Income Taxes at Present and F he Test Year Ended December 31, 2002	nd Federal Income Taxes at Present and F r the Test Year Ended December 31, 2002) and Federal Income Taxes at Present and F For the Test Year Ended December 31, 2002	ate and Federal Income Taxes at Present and F For the Test Year Ended December 31, 2002	-	ี่
roposed Rate	roposed Ra	roposed F	roposed	Taxes at Present and ded December 31, 20	ne Taxes at Present and Ended December 31, 20	come Taxes at Present and ar Ended December 31, 20	Income Taxes at Present and Year Ended December 31, 20	ral Income Taxes at Present and st Year Ended December 31, 20	deral Income Taxes at Present and Test Year Ended December 31, 20	Federal Income Taxes at Present and he Test Year Ended December 31, 20	nd Federal Income Taxes at Present and r the Test Year Ended December 31, 20) and Federal Income Taxes at Present and For the Test Year Ended December 31, 20	ate and Federal Income Taxes at Present and For the Test Year Ended December 31, 20	ខ	7
l Proposed Rate	l Proposed Ra 02	l Proposed F 02	l Proposed 02	Taxes at Present a	ne Taxes at Present a Ended December 31.	come Taxes at Present a ar Ended December 31.	Income Taxes at Present a Year Ended December 31,	ral Income Taxes at Present a st Year Ended December 31.	deral Income Taxes at Present a Test Year Ended December 31,	Federal Income Taxes at Present a he Test Year Ended December 31.	nd Federal Income Taxes at Present a r the Test Year Ended December 31.) and Federal Income Taxes at Present a For the Test Year Ended December 31.	ate and Federal Income Taxes at Present a . For the Test Year Ended December 31.	8	ĭ
ınd Proposed Rate 2002	ınd Proposed Ra [.] 2002	ınd Proposed F 2002	ınd Proposed 2002	Taxes at Presen ded December 3	ne Taxes at Presen Ended December 3	come Taxes at Presen ₃r Ended December 3	Income Taxes at Presen Year Ended December 3	ral Income Taxes at Presen st Year Ended December 3 [,]	deral Income Taxes at Presen Test Year Ended December 3	Federal Income Taxes at Presen he Test Year Ended December 3	nd Federal Income Taxes at Presen r the Test Year Ended December 3 [,]) and Federal Income Taxes at Presen For the Test Year Ended December 3:	ate and Federal Income Taxes at Presen 3: For the Test Year Ended December	_	7
t and Proposed Rate 1, 2002	t and Proposed Ra 1, 2002	t and Proposed F 1, 2002	t and Proposed 1, 2002	Taxes at Pres ded December	ne Taxes at Pres Ended December	come Taxes at Pres ₃r Ended December	Income Taxes at Pres Year Ended December	ral Income Taxes at Pres st Year Ended December	deral Income Taxes at Pres Test Year Ended December	Federal Income Taxes at Pres he Test Year Ended December	nd Federal Income Taxes at Pres r the Test Year Ended December) and Federal Income Taxes at Pres For the Test Year Ended December	ate and Federal Income Taxes at Pres For the Test Year Ended December	ယ့်	en
ent and Proposed Rate	ent and Proposed Ra 31, 2002	and Proposed F	ent and Proposed	Taxes at Pr ded Decemb	ne Taxes at Pr Ended Decemt	come Taxes at Pr ar Ended Decemb	Income Taxes at Pr Year Ended Decemt	ral Income Taxes at Pr st Year Ended Decemb	deral Income Taxes at Pr Test Year Ended Decemk	Federal Income Taxes at Pr he Test Year Ended Decemk	nd Federal Income Taxes at Pr r the Test Year Ended Decemk) and Federal Income Taxes at Pr For the Test Year Ended Decemk	ate and Federal Income Taxes at Pr For the Test Year Ended Decemk	ğ	es
esent and Proposed Rate er 31, 2002	esent and Proposed Ra er 31, 2002	esent and Proposed F er 31, 2002	esent and Proposed er 31, 2002	Taxes at ded Decei	me Taxes at Ended Decei	come Taxes at ar Ended Decer	Income Taxes at Year Ended Decei	ral Income Taxes at st Year Ended Decer	deral Income Taxes at Test Year Ended Decei	Federal Income Taxes at he Test Year Ended Decer	nd Federal Income Taxes at r the Test Year Ended Decer) and Federal Income Taxes at For the Test Year Ended Decei	ate and Federal Income Taxes at For the Test Year Ended Dece	큵	P
Present and Proposed Rate mber 31, 2002	Present and Proposed Ra [,] mber 31, 2002	Present and Proposed F mber 31, 2002	Present and Proposed mber 31, 2002	Taxes	ne Taxes Ended De	come Taxes ar Ended Dec	Income Taxes Year Ended De	ral Income Taxes st Year Ended Dec	deral Income Taxes Test Year Ended Dec	Federal Income Taxes he Test Year Ended Dec	nd Federal Income Taxes r the Test Year Ended Dec) and Federal Income Taxes For the Test Year Ended Dec	ate and Federal Income Taxes For the Test Year Ended Dec	8	왐
at Present and Proposed Rate cember 31, 2002	at Present and Proposed Ra cember 31, 2002	at Present and Proposed F cember 31, 2002	at Present and Proposed cember 31, 2002	Taxe	ne Tax∈ Ended I	come Taxe r Ended I	Income Taxe Year Ended I	ral Income Taxe st Year Ended I	deral Income Taxe Test Year Ended I	Federal Income Taxone Test Test Year Ended I	nd Federal Income Taxe r the Test Year Ended I) and Federal Income Tax For the Test Year Ended I	ate and Federal Income Taxe For the Test Year Ended I	ĕ	Š
ષ્ક at Present and Proposed Rate Jecember 31, 2002	ષ્ક at Present and Proposed Ra Jecember 31, 2002	⊮s at Present and Proposed F December 31, 2002	s at Present and Proposed December 31, 2002	흑꼭	ne Τε Ende	come Ta r Ende	Income Ta Year Ende	ral Income Ta st Year Ende	deral Income Ta Test Year Ende	Federal Income Ta he Test Year Ende	nd Federal Income Ta r the Test Year Ende) and Federal Income Ta For the Test Year Ende	ate and Federal Income Ta For the Test Year Ende	ᅀ	×
ixes at Present and Proposed Rate did December 31, 2002	ixes at Present and Proposed Ra d December 31, 2002	ixes at Present and Proposed F d December 31, 2002	ixes at Present and Proposed d December 31, 2002		ᄪ	ome ar End	Income Year End	ral Income st Year End	deral Income Test Year End	Federal Income he Test Year End	nd Federal Income r the Test Year End) and Federal Income For the Test Year End	ate and Federal Income For the Test Year End	혅	2
State and Federal Income Taxes at Present and Proposed Rate For the Test Year Ended December 31, 2002	State and Federal Income Taxes at Present and Proposed Ra For the Test Year Ended December 31, 2002	State and Federal Income Taxes at Present and Proposed For the Test Year Ended December 31, 2002	State and Federal Income Taxes at Present and Proposed For the Test Year Ended December 31, 2002	State and Federal Incor For the Test Year I	State and Federal Inc For the Test Yea	State and Federal For the Test	State and Federal For the Termina Term	State and Fe For the	State and For the	State al	State	S			a
ma State and Federal Income Taxes at Present and Proposed Rate For the Test Year Ended December 31, 2002	na State and Federal Income Taxes at Present and Proposed Ra For the Test Year Ended December 31, 2002	na State and Federal Income Taxes at Present and Proposed F For the Test Year Ended December 31, 2002	na State and Federal Income Taxes at Present and Proposed For the Test Year Ended December 31, 2002	na State and Federal Incor For the Test Year I	na State and Federal Inc For the Test Yea	na State and Federal For the Test	na State and Fede For the Te	na State and Fe For the	na State and For tl	na State al Fo	na State	na St	na		9
orma State and Federal Income Taxes at Present and Proposed Rate For the Test Year Ended December 31, 2002	orma State and Federal Income Taxes at Present and Proposed Ra For the Test Year Ended December 31, 2002	orma State and Federal Income Taxes at Present and Proposed F For the Test Year Ended December 31, 2002	orma State and Federal Income Taxes at Present and Proposed For the Test Year Ended December 31, 2002	orma State and Federal Incor For the Test Year I	orma State and Federal Inc For the Test Yea	orma State and Federal For the Test	orma State and Fede For the Te	orma State and Fe For the	orma State and For tl	orma State al Fo	orma State	orma St	orma		3
rotorma State and Federal Income Taxes at Present and Proposed Rate: For the Test Year Ended December 31, 2002	rororma State and Federal Income Taxes at Present and Proposed Ra For the Test Year Ended December 31, 2002	rotorma State and Federal Income Taxes at Present and Proposed F For the Test Year Ended December 31, 2002	ororma State and Federal Income Taxes at Present and Proposed For the Test Year Ended December 31, 2002	rotorma State and Federal Incor For the Test Year I	rotorma State and Federal Inc For the Test Yea	rotorma State and Federal For the Test	rotorma State and Fedel For the Te	rororma State and Fe For the	roforma State and For tl	rotorma State al Fo	rotorma State	rotorma St	rotorma		I
Protorma State and Federal Income Taxes at Present and Proposed Rate For the Test Year Ended December 31, 2002	Protorma State and Federal Income Taxes at Present and Proposed Ra For the Test Year Ended December 31, 2002	Protorma State and Federal Income Taxes at Present and Proposed F	Protorma State and Federal Income Taxes at Present and Proposed For the Test Year Ended December 31, 2002	Protorma State and Federal Incor For the Test Year I	Protorma State and Federal Inc For the Test Yea	Protorma State and Federal For the Test	Protorma State and Fedel	Proforma State and Fe For the	Proforma State and For t	Protorma State al	Protorma State	Protorma St	Protorma		

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	District: St. Charles
Schedule CAS-12-SCH	Company: Missouri-American Water Company
Case No. WR-2003-XXX	Missouri Public Service Commission
For the Test Year Ended December 31, 2002	

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	Taxable Income	Interest Expense Deduction	Utility Operating Income Before Income Taxes	
(\$18,770)	243,208	224,438	33.1754%	676,521	(1,518,990)	(1,523,428) 4,359 79 0	2,195,511	1,185,980	\$3,381,491	At Present Rates Federal Stat
(\$68,403)	103,672	35,269	5.2133%	676,521	(1,518,990)	(1,523,428) 4,359 79 0	2,195,511	1,185,980	\$3,381,491	nt Rates State
\$149,883	224,438	374,321	33.1754%	1,128,31	(1,518,990)	(1,523,428) 4,359 79 0	2,647,30	1,185,980	\$3,833,28	At Prop Federal
\$23,553	35,269	58,822	% 5.2133%	1,128,310 1,128,310	0) (1,518,990)	28) (1,523,428) 89 4,359 79 79	2,647,300 2,647,300	1,185,980	\$3,833,280 \$3,833,280	At Proposed Rates

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

	les	Test Year Operating Revenues at Present Rates vs Proposed Rates 12 Month Test Period Ended December 31, 2002	esent Rates vs Proposed Rate ed December 31, 2002	95		
Missouri Public Service Commission Company: Missouri-American Water Company	on er Company	,			Case No Schedu	Case No. WR-2003-XXX Schedule CAS-13-SCH
District: St. Charles)					Page 1 of 1
Line # Class/	Present Pro	Present Pro Forma Rates	Proposed Pro Forma Rates	orma Rates		
ō	Sales	Total	Sales	Total	Dollar	Percentage
2 Monthly Billing:	(000 Gal)	Kevenue	('000 Gal)	Revenue	Change	Change
4 Residential	2,668,058	\$7,355,128	2.668.058	\$7.053.323	(\$301 805)	-4 10%
	423,900	922,270	423,900	824,241	(98,029)	-10.63%
7 Other Bublic Authority	2,429	4,132	2,429	4,222	90	2.18%
8 Other Water Utilities	01,420	0 68c7c	61,428 0	140,283	(17,306)	-10.98% 0.00%
9 Miscellaneous	0	0	0	0 (0 (0.00%
	0	116,790	0	116,790	0	0.00%
13 Total	0	0	0	869,438	869,438	0.00%
	0,100,010	8,333,909	3,133,615	9,008,297	\$452,388	5.29%
15 Miscellaneous Revenues:						
17 Personnet Charges		0		• • •	1	
18 Returned Check Charge		o,yss 2,086		8,935 2.086	o c	0.00%
		64,720		64,720	0	0.00%
21 Rents from Water Property		5,786 16 300		5,786 16,200	° 0	0.00%
	es	29,029		76,300 29,029	C	0.00%

)		\$8,682,765		\$9,135,153	452,388	5.21%
26			•			
27						
28						
30						
33						
34						
35						
36						
38						
39						
40						

								17 Volumetric Charges:	100	15		12 8 Monthly			3" Monthly		thly	1" Monthly 8,2	3/4" Monthly	4 5/8" Monthly 313 829		1 Billings	Ď	line# Class/	Company: Missouri-American Water Company District: St. Charles	Missouri Public Service Commission	
2,000,000	2.668.058		7,57	4 971	2 984	16.813	2 643 200			c	0 0	C	0	0	0	53	188	.78	12	200		('000 Gal)	Sales	Present Pro Forma Rates	later Company	sion	
			0.000	0.0.70	0.8170	1 0587	\$1 BB08			839.27	520.92	306.65	192.93	98.15	60.24	33.71	22.33	12.84	9.00	&O 2 ⊅		Rate	Current	orma Rates			Test Year 0
\$7,355,128	\$7 355 128	,	2,733 0	2725	3 438	4,550,250	A 005 200			c	0	0	0	0	0	1,800	4,194	108,851	109	¢3 331 044		Revenue	Total			iz mondi lest reliod Elided December 31, 2002	Test Year Operating Revenues at Present Rates vs Proposed Rates
	•									c	0	0	0	0	0	53	188	8.478	313,029	343		Billings	Meter			log Ellaeg Dece	ies at Present R
2,668,058	2 668 058	(+, 9/ -	4,904	3001	7,040,290	3 6 43 300															('000 Gal)	Sales	Prop		inber 31, 200	ates vs Propo
n			1.0110	1.01.0	1.01.0	41.0110	9			532.00	380.00	261.00	201.00	110.00	56.00	16.20	14.00	9.70	\$0.50 00.50)		Rate	Proposed	posed Pro Forma Rates			sed Rates
\$7,053,323	\$7 052 222	ć	1.10'8	4,010	27,096	4,260,027	1 200 007			0	0	0	0	0	0	865	2,629	82 232	\$2,667,549 104	20007		Revenue	Total	na Rates			
(\$301,805)	(\$204 805)	> c	5,2/6	2,3/2	9,220	(735,263)	(205 000)			0	0	0	0	0	0	(935)	(1 565)	(26 619)	\$445,638 (5)			Change	Dollar		Schedu	Casa No	
-4.10%	4 400/	0.00%	%16.76L	97.29%	52.22%	-14./2%	44 700			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-51.94%	-37 32%	-24.35%	20.06%	8	C	Change	Percentage		Schedule CAS-14-SCH Page 1 of 7	Casa No. M/D-2003-YYY	

				12	12 Month Test Period Ended December 31, 2002	riod Ended Dec	12 Month Test Period Ended December 31, 2002				
Missou Compa Distric	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Charles	æ Commissio merican Wate	n r Company						-	Case No. Schedul	Case No. WR-2003-XXX Schedule CAS-14-SCH
			Present Pro Forma Rates	orma Rates			Prop	Proposed Pro Forma Rates	a Rates		rayez or /
Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
		Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
ω Λ	Commercial: Minimum Charge:	įψ									
	5/8" Monthly	- 4,344		\$7.08	\$30,756	4,344		\$8.50	\$36,924	\$ 6.168	20.05%
Çī	3/4" Monthly	4		9.06	3 3 6	4		8.70	35	(1)	-2.78%
	1" Monthly	2,302		12.84	29,558	2,302		9.70	22,329	(7.229)	-24.46%
7	1-1/2" Monthly	2,024		22.33	45,196	2,024		14.00	28,336	(16.860)	-37.30%
8	2" Monthly	1,798		33.71	60,611	1,798		16.20	29,128	(31,483)	-51.94%
9	3" Monthly	84		60.24	5,060	84		56.00	4.704	(356)	-7.04%
1	4" Monthly	95		98.15	9,324	95		110.00	10.450	1.126	12.08%
	6" Monthly	30		192.93	5,788	30		201.00	6,030	242	4.18%
	o Month.	- - -		306.65	3,680	12		261.00	3,132	(548)	-14.89%
<u> </u>	12" Monthly	-		950.9Z	o c	o c		380.00	o 0	. 0	0.00%
		•		i	ć	c		000	c	c	0.00%
	Volumetric Charges:	ges:									
	First Block		295,038	\$1.9952	588,659		295.038	\$1.6116	475,494	(113,165)	-19.22%
	Second Block		127,189	1.1177	142,159		127,189	1.6116	204.982	62.823	44.19%
	Third Block		1,673	0.8625	1,443		1,673	1.6116	2,697	1,254	86.90%
	Fourth Block		0	0.5809	0		0	1.6116	0	0	0.00%
	FAL's and Credits	S	0		0		0		0	0	0.00%
	Tetal	SKS	2000	1	2000			1		0	0.00%
	lotal		423,900	1	\$922,270		423,900	1 :	\$824,241	(\$98,029)	-10.63%
25											
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Clastories Proposed Pro Forms Rales Clastories Clastories Clastories Clastories Proposed Pro Forms Rales Clastories Proposed Pro Forms Rales Legical Medical Sales Clastories Proposed Pro Forms Rales Legical Medical Sales Proposed Pro Forms Rales Legical Medical Sales Proposed Pro Forms Rales Legical Medical Sales Proposed Pro Forms Rales Legical Sales Clastories Proposed Pro Forms Rales Legical Sales Clastories Proposed Pro Forms Rales Proposed Pro Forms Rales Legical Sales Clastories Proposed Pro Forms Rales Proposed Pro Forms Rales Legical Sales Clastories Proposed Pro Forms Rales Clastories Proposed Pro Forms Rales Clastories Proposed Pro Forms Rales Clastories Clastories Proposed Pro Forms Rales Clastories Clastories Clastories Clastories Proposed I				12	12 Month Test Period Ended December 31, 2002	iod Ended Dece	ember 31, 2002				
Class Clasterier Present Pro Forma Rales Customer Custom	Missouri Public Service Company: Missouri-Am District: St. Charles) Commission lerican Water	n · Company							Case No. Schedul	WR-2003-XXX
Classoryition Maken of Expension (2000 Gal) Current (2000 Gal) C			Present Pro F	orma Rates			Prop	osed Pro Form	a Rates		rage 3 Of 7
Part Part		Customer Meter	Sales	Current	Total	Customer	Sales	Proposed	Total		Dercentage
Million Clears Million	<u> </u>	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Sof Monthly 0 \$7.03 \$0 \$8.50 \$0 \$0.50 \$0 \$0.50 \$0 \$0.50 \$0 \$0.50 \$0 \$0.70 \$0											
1*Monthly 0 9.06 0 0 9.70 0 0 1.1/2*Monthly 0 22.33 0 0 0 19.70 0 0 0 2. Monthly 19 33.71 640 19 16.20 308 (332) 2. Monthly 19 83.71 640 19 16.20 308 (332) 2. Monthly 0 98.15 0 0 0 56.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0		\$7.08	\$0	0		\$8.50	\$0	\$ 0	0.00%
11 Monthly		0		9.06	0	0		8.70	o [']	o †	0 00%
2" Monthly 19 22.33 0 0 14.00 0 2 20.30 (32) 2 2 3 2 2 3 2 0 0 0 14.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0		12.84	0	0		9.70	0 (0 (0.00%
2" Monthly 19 33.71 640 19 16.20 308 (332) 3" Monthly 0 60.24 0 0 0 56.00 0 0 0 4" Monthly 0 192.93 0 0 0 201.00 0 0 5" Monthly 0 306.65 0 0 0 201.00 0 0 10" Monthly 0 520.92 0 0 201.00 0 0 12" Monthly 0 520.92 0 0 380.00 0 0 12" Monthly 0 520.92 0 0 380.00 0 0 12" Monthly 0 520.92 0 0 520.00 0 0 12" Monthly 0 520.92 0 0 520.00 0 0 12" Monthly 0 520.92 0 0 520.00 0 0 12" Monthly 0 520.92 0 0 520.00 0 0 12" Monthly 0 101.04 10		0		22.33	0	0		14.00	0	0	0.00%
A' Monthly 0 60.24 0 0 156.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		19		33.71	640	19		16.20	308	(332)	-51.88%
Af Monthly 0 98.15 0 0 110.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0		60.24	0	0		56.00	0	•.	0.00%
8" Monthly 0 192.93 0 201.00 0 201.00 0 0 101.00 10		0		98.15	0	0		110.00	0	0 (0.00%
12" Monthly 0 306.65 0 0 281.00 0 0 10 10 10 10 10 10 10 10 10 10 10		0		192.93	0	0		201.00	0	0	0.00%
Yolumetric Charges: 1,171 \$1,8612 2,180 1,171 \$1,6116 1,887 (293) -7,171 1,171 \$1,6116 1,887 (293) -7,171 1,171		0		306.65	0	0		261.00	0	0	0.00%
Volumetric Charges: 1,171 \$1.8612 2,180 1,171 \$1.6116 1,887 (293) - First Block 1,258 1,0427 1,312 1,258 1,6116 2,027 715 715 Third Block 0 0,8449 0 0 1,6116 0 0 0 FAL's and Credits 0 0,5419 0 0 1,5116 0 0 0 Reconcile to Books 2,429 \$4,132 2,429 \$4,222 \$90		-		350.9Z	o c	o c		380.00	0	0	0.00%
Volumetric Charges: 1,171 \$1.8612 2,180 1,171 \$1.6116 1,887 (293)		·		;	c	c		332.00	c	c	0.00%
First Block Second Block 1,258 1,0427 1,312 1,258 1,0427 1,312 1,258 1,116 2,027 715 1017 Block Fourth Block Fourth Block FAL's and Credits Reconcile to Books Total 2,429 \$4,132 1,171 \$1.6116 2,027 715 0 0 1.6116 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Š.									
Second Block Third Block 0 0.8044 0 0.8044 0 0 1.5419 Fourth Block 0 0.5419 0 0 0 0 1.6116 Reconcile to Books Total 2,429 \$4,132 2,429 \$4,132 2,429 \$4,132 2,429 \$4,132 2,429 \$4,222 \$90 \$50 \$50 \$50 \$50 \$50 \$50 \$50		ļ	1.171	\$1.8612	2.180		1 171	\$1.6116	1 887	(202)	_13 //0/
Third Block Fourth Block Fourth Block FAL's and Credits FAL's and Credits FAL's and Credits Facconcile to Books Total 7			1,258	1.0427	1.312		1.258	1.6116	2027	715	54 50%
Fourth Block FAL's and Credits 0 0 0 0 1.6116 0 0 0 0 Reconcile to Books 2,429 Total 2,429 \$4,132 2,429 \$4,222 \$90 \$4,222 \$90 \$4,222			0	0.8044	0		0	1.6116	0 !!	0 0	0.00%
FAL's and Credits 0 0 0 0 0 0 0 Reconcile to Books 2,429 \$4,132 2,429 \$4,222 \$90			0	0.5419	0		0	1.6116	0	0	0.00%
Total 2,429 \$4,132 2,429 \$4,222 \$90 90		(A)	c		c		c		0	o 0	0.00%
477. 477. 477. 477. 477. 477. 477. 477.			2.429		\$4 139		2 420	í	A 333	600	0.00%
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Company: Missouri-American Water Company District: St. Charles					12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	12 Month Test Period Ended December 31, 2002				
Class/ Customer Sales Current Total Meter Sales Current Total Billings (1000 Gal) Rate Revenue Other Public Authority: Classing Customer Sales Current Total Billings (1000 Gal) Rate Revenue Other Public Authority: Step Monthly	lissouri Pu company: N	ublic Service Missouri-Am	erican Wate	n Company				ļ			Case No Schedu	Case No. WR-2003-XXX Schedule CAS-14-SCH
Class/ Description Customer Meter Sales (000 Gal) Current Rate Total Meter Custom Billings Other Public Authority: 57 Sales Current Total Meter 56" Monthly 57 \$7.08 \$404 \$404 1" Monthly 60 22.33 1.340 501 2" Monthly 168 98.15 11.876 24 3" Monthly 63 192.93 12.155 36 8" Monthly 0 306.65 11.876 1 8" Monthly 0 30.655 12.155 1 8" Monthly 0 520.92 0 1 10" Monthly 0 520.92 0 1 10" Monthly 0 889.27 0 1 10" Monthly 0 889.27 0 0 10" Monthly 0 889.27 0 0 10" Monthly 0 889.27 0 0 10" Monthly 0 0				Present Pro F	orma Rates			Prop	Proposed Pro Forma Rates	a Rates		Page 4 or /
Other Public Authority: Minimum Charge: 57 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08 \$4.04 \$4.07 \$7.08		Class/	Customer Meter	SaleS	Current	Total	Customer] 	4-4-1) =	J
Other Public Authority: Minimum Charge: \$7.08 \$404 5/8" Monthly 0 9.06 0 1" Monthly 39 12.84 501 1" Monthly 39 12.84 501 1" Monthly 247 33.71 8,326 3" Monthly 163 60.24 10,120 4" Monthly 121 98.15 11,876 6" Monthly 0 306.65 0 10" Monthly 0 306.65 0 10" Monthly 0 520.92 0 12" Monthly 0 520.92 0 12" Monthly 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 0 0 12" Monthly 0 0 0 0 12" Monthly 0	-	-	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenile	Change	Change
Minimum Charge: 57 \$7.08 \$404 3/4" Monthly 0 9.06 0 1" Monthly 60 12.84 501 1-1/2" Monthly 60 22.33 1,340 2" Monthly 168 60.24 10,120 4" Monthly 63 192.93 12,155 6" Monthly 0 98.15 11,876 6" Monthly 0 98.15 11,876 6" Monthly 0 98.29 12,155 8" Monthly 0 98.92 0 10" Monthly 0 98.92 0 12" Monthly 0 859.27 0 12" Monthly 0 859.27 0 12" Monthly 0 98.92 0 12" Monthly 12" 98.92 0 12" Monthly 12" 98.92 0 12" Monthly 12" 98.92 0 12" Monthly 12" 98.92 0 12" Monthly 12" 98.92 0 12" Monthly 12" 98.92 0 12"		r Public Aut	hority:				5	(000 001)	, dic	- Vovoling	Ciaige	Charge
5/8" Monthly 57 \$7.08 \$40.4 3/4" Monthly 39 12.84 50.1 1-1/12" Monthly 60 22.33 1,340 2" Monthly 168 60.24 10,120 4" Monthly 121 98.15 11,876 6" Monthly 63 192.93 12,155 8" Monthly 0 0 520.92 0 10" Monthly 0 0 520.92 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 12.3919 71,831 Second Block 2,170 1.0341 2,244 Fourth Block 2,170 1.0341 2,244 Fourth Block 0 0.8963 (2,052) Reconcile to Books 61,428 \$157,589		num Charge:	•									
3/4" Monthly 0 9.06 0 1" Monthly 39 12.84 501 1-1/2" Monthly 60 22.33 1,340 2" Monthly 168 60.24 10,120 4" Monthly 168 60.24 10,120 4" Monthly 121 98.15 11,876 6" Monthly 0 98.15 11,876 6" Monthly 0 306.65 0 10" Monthly 0 520.92 0 12" Monthly 0 859.27 0 Volumetric Charges: 30,031 \$2.3919 71,831 Second Block 30,483 1.3399 40,844 Third Block 2,170 1.0341 2,244 Fourth Block 0 0.8963 0 Reconcile to Books 61,428 \$157,589 Total \$1,428 \$157,589		Monthly			\$7.08	\$404	57		\$8.50	\$485	\$ 81	20.05%
1" Monthly 1-1/2" Monthly 247 2" Monthly 247 33.71 3.286 3" Monthly 4" Monthly 4" Monthly 60 60: Service of the first Block Fourth Block Fourth Block Fourth Block Total 1.284 501 1.340 22.33 1.340 22.33 1.340 22.33 1.340 22.33 1.340 22.33 1.340 22.33 1.326 23.24 10,120 28.15 11,876 29.81.5 11,876 20 28.15 11,876 20 28.15 11,876 20 28.15 11,876 20 28.15 11,876 20 28.15 11,876 20 28.15 11,876 20 28.15 11,876 20 28.15 11,876 20 28.15 29.29 20 20 20 20 20 21 Monthly 20 20 20 20 21 Monthly 20 20 20 21 Monthly 20 20 20 21 Monthly 20 20 21 Monthly 20 20 20 21 Monthly 20 20 21 Monthly 20 20 20 21 Monthly 20 22 Monthly 20 22 Monthly 22 Monthly 23 Monthly 24 Monthly 25 Monthly 26 Monthly 27 Monthly 28 Monthly 28 Monthly 28 Monthly 29 Monthly 20 Mo		Monthly	0		9.06	0	0		8 70	0) -	0.00%
1-1/2" Monthly 247 233 1,340 2" Monthly 168 60.24 10,120 33.71 8,336 3" Monthly 168 60.24 10,120 4" Monthly 121 98.15 11,876 6" Monthly 63 192.93 12,155 8" Monthly 0 0 530.92 0 12" Monthly 0 0 520.92 0 12" Monthly 0 0 859.27 0 12" Monthly 1 0 859.27 0 12" Monthly 1 0 0 859.27 0 12" Monthly 0 0 60.25 0 12" Monthly 0 0 60.25 0 12" Monthly 0 0 60.25 0 12" Monthly 0 0 60.25 0 12" Monthly 0 0 60.25 0 12" Monthly 0 0 60.25 0 12" Monthly 0 60 60 60 60 60 60 60 60 60 60 60 60 6		onthly	39		12.84	501	39		9.70	378	(123)	-24 55%
2" Monthly 247 33.71 8,326 3" Monthly 168 60.24 10,120 4" Monthly 121 98.15 11,876 6" Monthly 63 192.93 12,155 8" Monthly 0 36.65 10,1765 8" Monthly 0 0 520.92 0 12" Monthly 0 0 859.27 0 12" Month		?" Monthly	60		22.33	1,340	60		14.00	840	(500)	-37 31%
3" Monthly 4" Monthly 4" Monthly 63 8" Monthly 0 10" Monthly 0 10" Monthly 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 0 150.08 1		onthly	247		33.71	8,326	247		16.20	4.001	(4.325)	-51.95%
4" Monthly 63 6" Monthly 63 192.93 12,155 8" Monthly 0 0 306.65 0 10" Monthly 0 0 12" Monthly 0 0 12" Monthly 0 0 12" Monthly 0 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 859.27 0 12" Monthly 0 12" Monthly 0 0 859.27 0 12" Monthly 0 0 0 12" Monthly 0 0 0 13" Monthly 0 0 0 14" Monthly 0 0 0 0 14" Monthly 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		onthly	168		60.24	10.120	168		56.00	9 408	(712)	-7 04%
6" Monthly 63 192.93 12,155 8" Monthly 0 306.65 0 10" Monthly 0 520.92 0 12" Monthly 0 8520.92 0 12" Monthly 0 859.27 0 12" Monthly 0 859		onthly	121		98.15	11,876	121		110.00	13.310	1,434	12.07%
8" Monthly 0 306.65 0 10" Monthly 0 520.92 0 12" Monthly 0 859.27 0 Volumetric Charges: First Block 30,031 \$2.3919 71,831 Second Block 7,170 1.0341 2,244 Fourth Block 2,170 1.0341 2,244 Fourth Block 0 0 0.6963 0 FAL's and Credits (1,256) (2,052) Reconcile to Books 61,428 \$157,589		onthly	63		192.93	12,155	63		201.00	12,663	508	4.18%
10" Monthly 0 520.92 0 12" Monthly 0 859.27 0 Volumetric Charges: First Block 30,031 \$2.3919 71,831 Second Block 30,483 1.3399 40,844 Fourth Block 2,170 1.0341 2,244 Fourth Block 0 0.6963 0 FAL's and Credits Reconcile to Books Total 61,428 \$157,589		onthly	0		306.65	0	0		261.00	0	0	0.00%
Volumetric Charges: Volumetric Charges: First Block 30,031 \$2.3919 71,831 Second Block 30,483 1.3399 40,844 Third Block 2,170 1.0341 2,244 Fourth Block 0 0.6963 0 FAL's and Credits (1,256) (2,052) Reconcile to Books 61,428 \$157,589		/lonthly	0		520.92	0	0		380.00	0	0	0.00%
Volumetric Charges: 30,031 \$2.3919 First Block 30,483 1.3399 Third Block 2,170 1.0341 Fourth Block 0 0.6963 FAL's and Credits (1,256) Reconcile to Books 61,428 \$1 Total \$1		/lonthly	0		859.27	0	0		532.00	0	0	0.00%
Volumetric Charges: 30,031 \$2.3919 First Block 30,483 1.3399 Second Block 2,170 1.0341 Fourth Block 0 0.6963 FAL's and Credits (1,256) Reconcile to Books 61,428 \$1 Total \$1	के व											
First Block Second Block Third Block Tourth Block Fourth Block FAL's and Credits Reconcile to Books Total Second Block 2,170 0.08963 FAL's and Credits 61,428 \$1 \$1		metric Charge	es:									
Second Block 30,483 1,3399 Third Block 2,170 1.0341 Fourth Block 0 0.6963 FAL's and Credits Reconcile to Books Total 61,428 \$1		Block		30,031	\$2.3919	71,831		30.031	\$1,6116	48 399	(23 432)	-32 62%
Third Block 2,170 1.0341 Fourth Block 0 0.6963 FAL's and Credits Reconcile to Books Total 61,428 \$1		nd Block		30,483	1.3399	40,844		30,483	1.6116	49 128	8 284	20.32%
Fourth Block 0 0.6963 FAL's and Credits (1,256) Reconcile to Books Total 61,428 \$1		Block		2,170	1.0341	2,244		2.170	1.6116	3,498	1 254	55 88%
FAL's and Credits Reconcile to Books Total 61,428 \$1		th Block		0	0.6963	0		0	1.6116	0	0	0.00%
Reconcile to Books Total 61,428 \$1		s and Credits		(1,256)		(2,052)		(1,256)		(1.827)	225	-10.96%
Total 61,428		ncile to Book	S			•				() == ()	0	0.00%
				61,428		\$157,589		61.428	1	\$140 283	(\$17.306)	-10 98%
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27 28 29 30 31 31 32 33 34 34 35 36 37 37	26											
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31 32 33 34 35 36 37 38	မှ (
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36 37 38 39 40	35											
37 38 39 40	1 86 6											
39 40	37											
40	8 8											
40	39											

				Test Year O	Test Year Operating Revenues at Present Rates vs Proposed Rates 12 Month Test Period Ended December 31, 2002	ies at Present R	ates vs Propo mber 31, 200	osed Rates			
Missou	Missouri Public Service Commission Company: Missouri-American Water Company	e Commissio nerican Wate	n Company							Case No Schedu	Case No. WR-2003-XXX Schedule CAS-14-SCH
			Present Pro Forma Rates	orma Rates			Pror	oosed Pro Forma Rates	na Rates		Page 5 of /
Line #	Class/	Customer				Customer			1000		
	Description	Meter	Sales	Current	Total	Meter	Sales	Proposed	Total	Dollar	Percentage
_		Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
N	Other Water Utilities:	₩.									·
	Minimum Charge:	list.									
	5/8" Monthly			\$7.08	\$ 0	0		\$8.50	\$ 0	\$0	0.00%
	3/4" Monthly	0		9.06	0	0		8.70	0	0	0.00%
	1" Monthly	0		12.84	0	0		9.70	0	0	0.00%
7	1-1/2" Monthly	0		22.33	0	0		14.00	0	0	0.00%
œ	2" Monthly	0		33.71	0	0		16.20	0 (0 (0.00%
9	3" Monthly	0		60.24	0	0		56.00	o (> (0.00%
	4" Monthly	0		98.15	0 (0 (110.00	0 (-	0.00%
	6" Monthly	0		192.93	0	0		201.00	0	0 (0.00%
12	8" Monthly	0		306.65	0	0		261.00	0	o (0.00%
	10" Monthly	0		520.92	0	0		380.00	0 (0 (0.00%
14	12" Monthly	0		859.27	0	0		532.00	0	0	0.00%
5 5											1
	Volumetric Charges:	jes:									
	First Block		0	\$1.9548	0		0	\$1 2156	5	-	0 00%
	Second Block		0	1.0951	0 (0 (1.2156	0 0	5 6	0.00%
	Third Block		0	0.8451	0		0 (1.2156	o (5 6	0.00%
	Fourth Block		0	0.5691	0		0	1.2156	0 (o (0.00%
22	FAL's and Credits	S	0		0		0		o '	o (0.00%
23	Reconcile to Books	ks							,	0 (0.00%
24	Total		0		\$0		0		\$0	\$0	0 00%
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Missouri Fundament	I							v.,				
Colonier Present Pro Forma Ratus Proposed	Missou Compa District	ıri Public Servic ıny: Missouri-Ar r· St Charles	e Commissio nerican Wate	n Company							Case No Schedu	le CAS-14-SCH
Classifontion Material Sales Current (2000 Ga) Current Revenue Customer (2000 Ga) Total (2000 Ga) Customer (2000 Ga) Customer (2000 Ga) Customer (2000 Ga) Total (2000 Ga) Customer (2000 Ga) Customer (2000 Ga) Customer (2000 Ga) Customer (2000 Ga) Customer (2000 Ga) Customer (2000 Ga) Fragonased (2000 Ga) Total (2000 Ga) Proposed (2000 Ga) Customer (2000 Ga) Customer (2000 Ga) Reade (2000 Ga) Proposed (2000 Ga) Customer (2000 Ga) Association (2000 Ga)				Present Pro F	orma Rates			Prop	osed Pro Form	a Rates		raye o or ,
Millings (7000 Gal) Ratie Revenue Billings (7000 Gal) Ratie Revenue Change Change Scr Monthly 0 1,000 0 1,	Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter	l	Proposed	Total	Dollar	Percentage
Miniman Claimes Miniman Claimes S7.06 \$0 30.4* Monthly 0 \$1.06 \$0 1.12* Monthly 1.12* Monthly 2.2* Monthly 2.3* Monthly 3.3.71 \$0 3.3.71 \$0 3.3.71 \$0 3.3.71 \$0 4.100000 \$0 1.2* Monthly 3.3.71 \$0 4.4* Monthly 4.4* Monthly 5.5* Monthly 5.5* Monthly 6.5* Monthly 6.5* Monthly 7.5* Monthly 8.5* Monthly 8.5* Monthly 8.5* Monthly 8.5* Monthly 9.5* Monthly 10*		Miscollancous:	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Self-Monthly 97.08 \$0 95.50 \$0 \$0.50		Minimum Charge										
1" Monthly 0 12.84 0 8.70 0 8.70 0 1 1.1/2" Monthly 0 22.33 0 1 14.00 0 1 14.00 0 2 1.1/2" Monthly 0 22.33 0 0 14.00 0 0 1 14.00 0 1 14.00 0 0 1 14.00 0 0 1 14.00 0 1 14.		5/8" Monthly			\$7.08	\$ 0	0		\$8.50	\$	*	0 00%
11/2 Monthly		3/4" Monthly	0		9.06	0 7	0		8 70	o t	o 6	0.00%
2-Monthly 0 2233 0 1460 0 23 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1" Monthly	0		12.84	0	0 (9.70	0 (0 0	0.00%
2º Monthly 0 33.71 0 61.24 0 62.47 0 6		1-1/2" Monthly	0		22.33	0	0		14.00	o (> (0 00%
A" Monthly 0 60,24 0 0 5650 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2" Monthly	0		33.71	0	0		16.20	0	0 (0.00%
# Monthly 0 192.53 0 0 170.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3" Monthly	0		60.24	.	o (56.00	> (> (0.00%
8° Monthly 0 192.93 0 0 201.00 0 0 10 10 10 10 10 10 10 10 10 10 10		4" Monthly	0		98.15	0 (0 (110.00	o 0	>	0.00%
8º Monthly 0 306.65 0 261.00 0 261.00 0 10° Monthly 0 520.92 0 0 0 380.00 0 0 0 12° Monthly 0 859.27 0 0 520.92 0 0 0 12° Monthly 0 859.27 0 0 522.00 0 0 0 0 12° Monthly 0 859.27 0 0 522.00 0 0 0 0 0 12° Monthly 0 859.27 0 0 522.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		6" Monthly	0		192.93	0	0		201.00	o (-	0.00%
10° Monthly 0 520.92 0 0 380.00 0 0 0 12° Monthly 0 859.27 0 0 0 380.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		8" Monthly	0		306.65	0 (0 (261.00	> (-	0.00%
Volumetric Charaes: First Block Second Block Second Block Furth Block Furth Block FAL's and Credits Reconcile to Books Total 0 859.27 0 0 532.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		10" Monthly	0		520.92	0 (0 (380.00	> (-	0.00%
Volumetric Charges: 0 \$0,0000 0 0 \$0,0000 0		12" Monthly	0		859.27	o	o '		530 00	> (- (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 FAL's and Credits 0 0,0000 0 0 0 0 0 Total 0 \$0 0,0000 0 0 0 0										•	Ó	
First Block 0 \$0,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Volumetric Charc	les:									
Second Block Third Block Fourth Block Fourth Block Fourth Block Fourth Block Total Total O O O O O O O O O O O O O		First Block		0	\$0.0000	o,		0	\$0,000	o	o	0 00%
Third Block Fourth Block Fourth Block FAL's and Credits Reconcile to Books Total O S0 S0		Second Block		0	0.0000	0 (o (0.000	> (-	0.00%
Fourth Block 0 0.0000 0 0 0.0000 0 0 0 0 0 0 0 0 0		Third Block		0	0.0000	0 (0 (0.0000	o (-	0.00%
FAL's and Credits 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 (0.0000	o (0 (0.00%
Reconcile to Books		FAL's and Credit	G)	0		0		o (> (-	0.00%
Total		Reconcile to Boo	ks			,		(ć	0 0	0.00%
		Total		0		\$0		0		\$0	\$00	0.00%
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27 28 29 30 31 31 32 33 34 35 36 37	26											
28 29 30 31 31 32 33 34 35 36 36 38	27											
29 30 31 31 32 33 34 34 35 36 37 38	28											
30 31 31 32 33 34 35 36 37 38	29											
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Missouri Public Service Commission	Sion						
Company: Missouri-American Water Company District: St. Charles	Vater Company					Case No Schedu	Case No. WR-2003-XXX Schedule CAS-14-SCH
		Present Rates	Rates	Proposed Rates	d Rates		rage / Ol /
Line # Connection Size	Number of	Annual	Total	Annual	Total	Dollar	Percentage
2 Private Fire Service:				- 65	- ROYCHAG	Change	Cialige
4 Private Fire Hydrant	18	\$822.12	\$14,798	822.12	\$14,798	\$0	0.00%
7 0 0	13	117.84	1,532	117.84	1,532	0	0.00%
၀ ထ - ယူ	0	202.44	0	202.44	0	0	0.00%
10 4"	16	321.24	5,140	321.24	5,140	0	0.00%
13 6	57	658.80	37,552	658.80	37,552	0	0.00%
14 8 ₁	45	1,133.64	51,014	1,133.64	51,014	0	0.00%
16 10"	4	1,742.40	6,970	1,742.40	6,970	0	0.00%
18 12"	0	2,484.36	0	2,484.36	0	0	0.00%
20 FAL's and Credits			(216)		(216)	0	0.00%
22 Total 23 24	153		\$116,790		\$116,790	\$0	0.00%
25 26 Public Fire Protection: 27							
28 Public Fire Hydrants 29 30 31	2,762	0.00	0	314.79	869,438	869,438	0.00%
33							
36							
37							
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		Case No. WR-2003-XXX Schedule CAS-2-SJO Page 1 of 1
Schedule	Amount	
CAS-3-SJO	\$81,733,019	
nt Rates CAS-8-SJO	5,433,842	
	6.65%	
Grubb Testimony	8.30%	
	6,783,841	
,	1,349,999	
Factor	1.63431	
	2,206,317	
es CAS-8-SJO	16,875,711	
	\$19,082,028	
Factor \$1,000.000 0.68740% 6.874 0.00000% 0.000 993.126 5.21327% 51.774 33.17536% 329.473 388.121 \$611.879		
1.63431		
Description Rate Base Operating Income at Presen Requested Rate of return Required Operating Income Operating Income Deficency Gross Revenue Conversion Revenue Peficiency Adjusted Operating Revenue Total Revenue Requirement Total Revenue Taxes Federal Income Taxes Federal Income Taxes Total Taxes and Expenses Net Amount Conversion Factor	Factor Factor 5.2132 33.1753	Schedule CAS-3-SJO Faltes CAS-8-SJO 5,4: Grubb Testimony 6,7: 1,3: Factor \$1,000,000 0.68740% 5,1774 0.00000% 993,1766 5,21327% 51,774 388,17191 \$611,179 1,33431 1,33431

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Missouri Public Service Commission Company: Missouri-American Water Company District: St. Joseph				Case No. WR-2003-XXX Schedule CAS-3-SJO Page 1 of 1
Line#				
1 2 3 Rate Base Component	Supporting Reference	Per Books 12/31/02	Adjustments	Pro Forma
5 Utility Plant in Service	CAS-4-SJO	102,372,484	3,393,344	105,765,828
7 Accumulated Provision for Depreciation	CAS-5-SJO	(12,319,516)	(2,680,148)	(14,999,664)
Accumulated Amortization	W/P's	(386,257)	0	(386,257)
10 11 Utility Plant Acquisition Adjustments	W/P's	0	75,802	75,802
12 13 Net Utility Plant 14		89,666,711	788,998	90,455,709
16 Less: 16 Less: 17 Customer Advances 18 Contributions in Aid of Construction 19 Accumulated Deferred ITC (3%) 20 Deferred Income Taxes 21 Pension Liability 22	CAS-6-SJO CAS-6-SJO W//P's W//P's	975,937 2,545,161 32,693 4,784,336 340,846	359,851 (41,213) 0 335,227 330,733	1,335,788 2,503,948 32,693 5,119,563 671,579
23 24 Subtotal 25		8,678,973	984,598	9,663,571
26 27 Add: 28 Cash Working Capital 29 Materials and Supplies 30 Prepayments 31 OPEB's Contributed to External Fund 32 Premature Retirement 33 Regulatory Deferrals	CAS-7-SJO W//P's W//P's W//P's W//P's	0 142,633 36,965 340,499 0 368,884	0 0 0 (9,018) 0 60,918	0 142,633 36,965 331,481 0 429,802
35 Subtotal 36 37 Total Original Cost Rate Base 38 39		888,981 81,876,719	51,900 (143,700)	940,881 81,733,019

1		
	For the	
	Test Yea	Office
	r Ended	Other Plant in Service
	For the Test Year Ended December 31, 2002	Service
	er 31, 20	
	23	

	-		For the Test Year Ended December 31, 2002	31, 2002		
Company: Missouri District: St. Joseph	Missouri Joseph	Company: Missouri-American Water Company District: St. Joseph			Ç	Case No. WK-2003-XXX Schedule CAS-4-SJO Page 1 of 2
Line #			Per Books	Pro Forma	Pro Forma	
_	Acct No	Account Description	12/31/02	Adjustments	UPIS	
ω κ	301	Intangible Plant Organization	Ê	\$36 3/D	e36 340	
4	302	Franchise & Consents	0	,,, O	0,000 0	
ΟΊ	303	Miscellaneous Intangible Plant Studies	0 (20.302	20.302	
တ		Subtotal	0	56,651	56,651	
7		Source of Supply Plant				
00	310	Land & Land Rights	1,221,221	0	1,221,221	
 : «c	311	Structures & Improvements	0	8,289	8,289	
10	312	Collection & Impound Resevoirs	0	0	0	
	313	Lake, River, & Other Intakes	6,326	0	6,326	
5 73	314	Wells & Springs	27,952	2,763	30,715	
3	316	Supply Mains	9,298,467	0	9,298,467	
1 1 4 R		Subtotal Birmaina Blast	10,553,966	11,052	10,565,018	
16	320	Pumping Land & Land Rights	8.921	o	8 921	
17	321	Pumping Structures & Improvements	4.586.268	38.681	4.624.949	
18	322	Boiler Plant Equipment	0	0		
- G	323	Force Mains	0	0	0	
2 2	324	Steam Pumping Equipment	0 0	o 0	0	
 ;;	33 (Diesel Primping Equipment	4,132,002	> 0	4,752,002	
23	327	Pump Equip Hydraulic	0	ɔ (O	
24	328	Other Pumping Equipment	0	0	0	
25		Subtotal	9,347,871	38,681	9,386,552	
 27	320	Water Treatment I and 8 land Bights	Þ	o	Þ	
28 ·	331	Water Treatment Structures & Improvements	22.933.491	1.842	22.935.333	
29	332	Water Treatment Equipment	21.914.045	1.648.723	23.562.768	
30	332.4	Water Treatment Equipment - Filter Plant	0	0	0	
		Subtotal	44,847,536	1,650,565	46,498,101	
 23 K	340	Transmission & Distribution Fland	37 700	-	37 700	
သ (2 C	Transmission & Distribution Structures & Improvement	130 307	.	430 307	
 မ မ မ	342 -	Distribution Reservoirs & Standnines & Improvements	1821085	77 363 U	1 898 448	
36	343 343	Transmission & Distribution Mains Conv	0		,,,,,,,	
37	343.1	Transmission & Distribution Mains < 4'	669.160	45.525	714.685	
38	343.2	Transmission & Distribution Mains 6" - 8'	8,349,443	151,390	8,500,833	
39	343.3		13,885,349	34,497	13,919,846	
ţ		Sabolal	24,802,143	300,773	23,210,310	

			U: For the Test	Utility Plant in Service For the Test Year Ended December 31, 200	11, 2002		
Missour Compan District:	Missouri Public Ser Company: Missouri District: St. Joseph	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Joseph					Case No. WR-2003-XXX Schedule CAS-4-SJO Page 2 of 2
Line #							
<u> </u>	^ ^ ^ NO			Per Books	Pro Forma	Pro Forma	
2 -	7001	Transmission & Distribution Plant	Bal Fwd	24.902.143	<u>Adjustments</u> 308.775	<u>UPIS</u> 25 210 918	
ယ	344	Fire mains		0	0	0	
4 1	345	Services		1,776,564	202,887	1,979,451	
ກປາ	346.1	Meters - Bronze Case		990,537	174,227	1,164,764	
10	240.6	Meters - Flastic Case		80,870	C	80,870	
	340.3 347	Meter Installation		284,805	0	284,805	
9	348	Hydrants		2 269 156	78 563	2,493,019 3,247,710	
-	349	Other Transmission & Distribution Plant		0	, c,	د,ن47,7 اع 0	
		Subtotal	1 1	32,666,500	895,046	33,561,546	
ಪ i	389	General I and & I and Rights		106 E6E	o	1	
14	390 390	Stores Shops Equipment Structures		178 983	38 681	217 664	
5	390.1	Office Structures		682,442	12.178	694,620	***************************************
i ਨੇ	390	General Structures - HVAC		0	0	0	
1 1	390.3	Miscellaneous Structures		921,985	0	921,985	
के दे	391 >	Computers & Derinberal Equipment		3U2,418	468,526	770,944	
20	391.25	Computer Software		86 203	97,001 44 915	131 118	
2	391.26	Personal Computer Software		40,937	11,124	52.061	
28	391.3	Other Office Equipment		216,281	1,016	217.297	
2 23	392.11	Transportation Equipment - Light Trucks		387,945	37,846	425,791	
2 4	392.12	Transportation Equipment - Heavy Trucks		82,175	36,416	118,591	
26 26	392.Z	Transportation Equipment - Cars		72,770	12,477	85,247	
27	393	Stores Equipment		173 339	.	173 330	
28	394	Tools, Shop, & Garage Equipment		639,581	8.182	647 763	
29	395	Laboratory Equipment		334,199	0	334,199	
2 2	390	Power Operated Equipemnt		232,611	0	232,611	AL ADDR N
ა <u>ა</u>	307.5	Communication Equipment (non telephone)		105,960	1,885	107,845	
3 8	300	l elephone Equipment		27,901	2,080	29,981	
 ડ યુ	399 8	Wiscellaneous Equipment		103,102	8,172	111,274	
35	,	Subtotal	1 1	4,956,611	741,349	5,697,960	
37		Total Plant in Service	 ()	\$102,372,484	\$3,393,344	\$105,765,828	
အ အ			ı				

Test Year Ended December 31, 2002	Accumulated Depreciation and Amortiz
1, 2002	mortization

Case No. WR-2003-XXX		9F 3T, 2002	lest rear Ended December 31, 2002	Missouri Public Service Commission	ri Public Ser	Missou
Schedule CAS-5-SJO Page 1 of 2				Company: Missouri-American Water Company District: St. Joseph	Company: Missouri District: St. Joseph	Compa District
	Pro Forma	Pro Forma	Per Books			Line #
	Reserve	Adjustments	12/31/02	Account Description	Acct No) <u> </u>
)	3	3	Intangible Plant	301	ω N
	~ č	o €	- 6	Franchise & Consents	302 -	4
	107 619	107 619	0 0	Miscellaneous Intangible Plant Studies	303	C)
	107,619	107,619	0	Subtotal		7 6
	•	•	•	Land 8. Land Dights	310	DO -
	13 15 C	(686)	14 139	Structures & Improvements	311	φ (
	+ + 0 + 0 +	0 0	.;.0	Collection & Impound Resevoirs	312	-
	(680.017)	180	(680,197)	Lake, River, & Other Intakes	313	⇉
	(32,121)	356	(32,477)	Wells & Springs	314 6	1 2
	(299, 118	150,868	(450.284)	Subtotal	Č	1 6
	(500,000)			Pumping Plant		5
	0	200	0	Pumping Structures & Improvements	3 32 3 20	17
	76,97	91,010	0 (140,41)	Boiler Plant Equipment	322	2
	0	0	0	Force Mains	323	19
	0	200	277 777 000	Steam Pumping Equipment Electric Pumping Equipment	324 325	 2
	394,992	0 0	0	Diesel Pumping Equipment	326	23
	0 (0 (0 (Pump Equip Hydraulic	327	23
	0	0	217 002	Other Pumping Equipment	328	25 25
100°-200	4/3,904	230,00	1,000	Treatment Plant		26
-	0	0	0	Water Treatment Land & land Rights	330	27
are and an article	2,364,823	687,279	1,677,544	Water Treatment Structures & Improvements	3 23	 2 28
	3,234,698	456,267	2,778,431	Water Treatment Equipment Eller Blast	335 A	ب ا د
	5 599 521	1.143.546	4.455.975	Subtotal	1.100	3 8
				Transmission & Distribution Plant	3 2 0	
	(741,641)	i 2	(/41,641)	Transmission & Distribution Structures & Improvements	341 341	ب د
	10,947 753 325	7,105 26,496	3,842 726,729	Distribution Reservoirs & Standpipes	342	35
	4 304 021	7.827	4.296.194	Transmission & Distribution Mains Conv	343	36
	5.501	5.501	0	Transmission & Distribution Mains < 4"	343.1	37
	103,063	103,063	0	Transmission & Distribution Mains 6" - 8"	343.2	3 8
	189,347 4 624 463	189,347 339,340	4,285,123	Tansinission & Distribution Mains > 10: Subtotal	040.0	40

Missouri Public Ser Company: Missouri District: St. Joseph	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Joseph	FOI the les	For the Test Year Enged December 31, 2002	31, 2002	Case Sc	Case No. WR-2003-XXX Schedule CAS-5-SJO
Line #						
1 Acct No	Account Description		Per Books <u>12/31/02</u>	Pro Forma <u>Adjustments</u>	Pro Forma <u>R</u> eserve	
3 344	Transmission & Distribution Plant Fire mains	Bal Fwd	4,285,123	339,340	4,624,463	

37	မ္ မ မ မ မ မ မ မ မ မ မ မ မ မ မ မ မ မ မ	34	జ	32	<u> </u>	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	햐	14	13	12	<u> </u>	6	9	<u></u>	7	တ	51	4	ယ	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 Equipernt	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		
\$12,319,516	1,374,187	0,027	16.627	2 045	86.931	56.738	5,530	101,523	14,903	242,443	0	0	0	0	0	0	0	456,656	76,312	0	305.592	8.888	0	B	6 721 735	0	762 169	550 802	1.036.201	0	0	87.440		4,285,123	Per Books 12/31/02	
\$2,680,148	504,715	,,,,, O	4,920 4,076	4 928	12 075	10.811	13.541	30.595	1,398		20,949	5.775	60.927	20.387	24.845	105,628	141,075	5,196	21,720	0	19.768	1.021	0	017,100	517 480	0	57 122	30 236	14 724	4.181	36.817	26 O69 3	0	339.340	Pro Forma Adjustments	
\$14,999,664	1,878,902	20,703 0	0,970	8 073 8 073	900,99	67 549	19 071	132.117	16,301	242,443	20,949	5.775	60 927	20.387	24.845	105.628	141.075	461,852	98.032	0	325 360	9,909	Þ	1,200,227	7 220 224	,	819.291	500,0E0	1 050 925	4 181	36.817	113 509) ()	4 624 463	Pro Forma	

For the Test Year Ended December 31, 2002	Customer Advances and Contributions in Aid of Construction

		Customer Adv	Customer Advances and Contributions in Aid of Construction	Aid of Construction		
Missour Compar District:	Missouri Public Ser Company: Missouri District: St. Joseph	vice Commission -American Water Company		,		Case No. WR-2003-XXX Schedule CAS-6-SJO Page 1 of 1
Line #						
3 →	Acct No	Account Description	Per Books 12/31/02	Pro Forma Adjustments	Pro Forma <u>Balance</u>	
1ω4π	252.11	Customer Advances Advances for Construction - Extensions	959,427	359,851	1,319,278	
7 6		Total Customer Advances	975,937	359,851	1,335,788	
108						
1 2 = 1	271.11	Contributions in Aid of Construction Contributions in Aid - NT Mains	196.361	o	106 361	
: 13	271.12	Contributions in Aid - NT Extension Deposit	801,910	00	801,910	
15 14	271.21	Contributions in Aid - NT Services Contributions in Aid - NT Meters	00	00		
17 16		Contributions in Aid - NT Hydrants Contributions in Aid - NT Other	11,256 31,630	00	11,256 31,630	
18	271.71	Contributions in Aid - Taxable Mains	779,498	0 0	779,498	
3 6	271.12	Contributions in Aid - Taxable Extension Deposit	1,109,619	0	1,109,619	
21 5	271.37	Contributions in Aid - Taxable Services Contributions in Aid - Taxable Meters	20,405 0	-	20,405	
22	271.47	Contributions in Aid - Taxable Hydrants	0 (0 (0 0	
23 24	Various	Accumulated Amortization - CIAC Total Contributions in Aid of Construction	(405,518) 2,545,161	(41,21 (41,21	(446,731) 2,503,948	
25 26 27 28						
3 3 3 3 3 3 3 3 3 3						
33 83 C						
ω 2 4 8						
37 8 8						
္တ မွ						
40						

	Working Capital For the Test Year Ended December 31, 2002	ital ecember 31, 20)02				
Missouri Public Service Commission Company: Missouri-American Water Company District: St. Joseph						Case No. WR-2003-XXX Schedule CAS-7-SJO Page 1 of 1	R-2003-XXX CAS-7-SJO Page 1 of 1
Line#							
	Proforma	Average					
	Proposed	Daily	Revenue	Expense	Net	Cash	
4 Base Payroll	TXPENSE 1 236 860	Expense	<u>Lag</u>	(Lead)/Lag	(Lead)/Lag	Requirment	
	587 686	1,309	38.18	17 30	27.95 20.79	34, / I S	
6 Fuel and Power	585,808	1.605	38.18	37.22	96.0	1541	
	309,425	848	38.18	38.18	0.00	0:	
	0	0	38.18	53.15	(14.97)	0	
10 Group Insurance	882,714	2,418	38.18	(4.13)	42.31	102,322	
11 OPEB's	132,066	204 204	38.18 18	(8.54) (0.04)	36.72 39.33	42,249 43 833	
	293,277	803	38.18	38.18	0.00	0	
	15,199	42	38.18	38.18	0.00	0	
15 Incollectables	144,348	395	38.18	38.18	0.00	0	
	120.081	329	38 18	20.10 24.37	13.00	м М М	
	209,472	574	38.18	48.80	(10.62)	(6.095)	
18 Other O&M Total O&M Expenses	1,108,349	3,037	38.18	20.67	17.51	53,170	
20 Depreciation Amortization Expense	2712 272	1				0000	
	1 054 511	2 880 2 43 -	30.TO	100 50	(444.32)	203,711	
	73.870	202	38.18	38 18	(144.32)	(416,951) 0	
	18,905	52	38.18	38.18	0.00	0 (
	2,095	თ	38.18	13.44	24.74	142	
27 SUTA Taxes	133,123	365 (0)	38.18 38.18	62.05	(23.87)	(8,706)	
	868.131	2.378	38 18 C	60.25	(23.07)	/52 492)	
	136,421	374	38.18	62.17	(23.99)	(8.966)	
30 Deferred Income Taxes	597,159	1,636	38.18	0.00	38.18	62,464	
32 Preferred Dividends	2,868,785	7,860	38.18	91.15	(52.97)	(416,328)	
	14,576,191	112	30.10	1 3.03	(7.45)_	(218,209)	
35 Total Cash and Working Capital Requirement Used						o l	
					11		
37							
39							
40							
							L

For Missouri Public Service Commission Company: Missouri-American Water Company District: St. Joseph	For the Test Year Ended December 31, 2002	ber 31, 2002				Case No. WR-2003-XXX Schedule CAS-8-SJO Page 1 of 1
Sch Refe	Test Schedule En Reference 12/3	Test year Ended 12/31/02 Adjus	P. Adjustments	Pro Forma Present Rates	Adjustments	Pro Forma Proposed Rates
Operating Revenues CAS-9-SJO		\$17,497,809 (\$6	(\$622,098) \$	\$16,875,711	\$2,206,317	\$19,082,028
Operating Expenses Operating and Maintenance CAS-1	CAS-10-SIO 5.2			5 0 A A A A A A A A A A A A A A A A A A	1000	71 00 00 00 00 00 00 00 00 00 00 00 00 00
		2,715,831 (1	(162,452) 158,893	2,553,379		2,553,379 158,893
n Income Taxes						
Property Taxes CAS-1 Payroll Taxes CAS-1	CAS-10-SJO 9 CAS-10-SJO 1		58,363 12,867	1,054,511 135 180		1,054,511 135 180
PSC Fees CAS-1 Other CAS-1	CAS-10-SJO	57,251 18,374	0 17,150	57,251 35,524	0	57,251 35,524
Utility Operating Income Before Income Taxes	8,3	8,387,666 (1,3	(1,352,113)	7,035,553	2,191,151	9,226,704
Income Taxes Federal Income Tax CAS-1 State Income Tax CAS-1 Deferred Income Taxes Amortization of Investment Tax Credit	CAS-12-SJO 3 CAS-12-SJO 1 5	318,789 5 135,891 532,341 (12,227)	549,342 530 77,045	868,131 136,421 609,386 (12,227)	726,922 114,230 0	1,595,053 250,651 609,386 (12,227)
Utility Operating Income	\$7,4	,412,872 (\$1,9	(\$1,979,030)	\$5,433,842	\$1,349,999	\$6,783,841
Amortization of Investment Tax Credit Utility Operating Income				(12,227) 85,433,842	\$1,349,999	\$6,78

	1 01 110 1001	ומפע דו	To the rest real Elided Decelline 31, 2002	4			•
Missouri Public Service Commission Company: Missouri-American Water Company District: St. Joseph					·		Case No. WR-2003-XXX Schedule CAS-9-SJO Page 1 of 1
Line#							
	Test year	Eliminate	Bill Analysis	Bii	Normalizaton		Pro Forma
	Ending 12/31/02	Unbilled	And Other	Analysis	& Annual	Other	Present Rate
						10000000	100
Sales of Water Metered Sales							
Residential	\$7,771,910	\$20,210	\$22,831	\$7,814,951	\$17,781		\$7,832,733
Commercial	3,048,981	52,392	7,698	3,109,071	146,529		3,255,600
10 Other Public Authority	671,937	29,253 (13,671)	3,009 1,863	2,731,898			2,731,898 660 129
11 Sales for Resale12 Miscellaneous	2,961,146 4,285	1,612 0	(908,184) (12)	2,054,575 4,273			2,054,575 4,273
Total Metered Sales	17,157,897	89,795	(872,795)	16,374,898	164,310	0	16,539,208
16 17 Sewer Service	0	0	0	0	0	0	0
10 19 Fire Service 20 Private Fire Service	159,076		(3,409)	155,667		0	155,667
Total Fire Service	159,076	0	(3,409)	155,667	0	0	155,667
Total Sales of Water	17,316,973	89,795	(876,203)	16,530,565	164,310	0	16,694,875
20 Other Operating Revenues 27 Reconnect Charges 28 Returned Check Charge 29 Application Fee	32,661 6,931			32,661 6,931			32,661 6,931
	(1,364) 1,128			(1,364) 1,128			141,480 (1,364) 1,128
Total Other Operating Revenues	180,837	0	0	180,837	0	0	180,837
35 36 Total Operating Revenues	\$17,497,810	\$89,795	(\$876,203) \$	\$16,711,402	\$164,310	\$0	\$16,875,712

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

28 29 29 30 31 32 33 34 34 36 37 38	7 6 5 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6	- 2 ω 4
Property Taxes Payroll Taxes PSC Fees Other General Taxes Total Taxes Other Than Income Taxes	Labor Purchased Water 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	The schedule below provides a summary list of the operating and maintenance expenses for the test year and pro forma at present r Each pro forma adjustment is keyed to a schedule as shown on Schedule CAS-11-SJO which provides additional detail and support.
CAS-11-SJO CAS-11-SJO CAS-11-SJO CAS-11-SJO	Reference CAS-11-SJO	ist of the operating and mair chedule as shown on Scheo
996,148 122,313 57,251 18,374 1,194,086	\$1,616,854 \$1,616,854 0 549,796 694,777 42,436 536,694 462,163 108,288 38,437 178,187 211,604 39,230 88,144 477,636 155,980 5,200,226 2,715,831 0 2,715,831	ntenance expenses for the testule CAS-11-SJO which provi
58,363 12,867 0 17,150 88,380	Adjustment \$207,692 0 36,012 (385,352) 57,648 346,020 1,132 184,989 (18,975) (33,839) (11,954) 80,831 (9,205) 46,365 143,830 645,194 (162,452) 158,893 (3,559)	test year and pro forma at present rates as indicated.
1,054,511 135,180 57,251 35,524 1,282,466	Fro forma Present Rates \$1,824,546 0 585,808 309,425 100,084 882,714 463,295 293,277 19,462 144,348 199,650 120,061 78,939 524,001 299,810 5,845,420 2,553,379 158,893 2,712,272	ates as

Missouri Public Service Commission Company: Missouri-American Water Company Division: St. Joseph

					29d	29c	29b	29a			28	27		20	2 2	2 2	19	128	17	6	15	14	13	12	1	6	9	&	Number	168
			Total Taxes other than income	The state of the s	Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes	- com population and cution against	Total Depreciation and Amortization	Amortization	Depreciation	Total Operations and Maintenance	waintenance - Otner	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	
			1,194,086	.0,0,	18.374	57,251	122,313	996,148	2,7 10,001	2 715 821		2,715,831	5,200,226	155,980	477,636	88,144	39,230	211,604	178,187	38,437	108,288	462,163	536,694	42,436	694,777	549,796		1,616,854	Ended 31-Dec-02	Test Year
			0										207,692															\$207,692	Expense	Schedule CAS-15 p1
			0										1,132									1,132							Group Ins Expense	Schedule CAS-15 p2
			0										184,989								184,989								Pension Expense	Schedule CAS-15 p3
			0										1,158		1,158														401K/EIP	Schedule CAS-15 p4
		,	12.867				12.867		0				0																Payroll Taxes Expense	Schedule CAS-15 p5
			0										36,012													36,012			Fuel & Power Expense	Schedule CAS-15 p6
			0						c	>			(385,352)												(385.352)				Chemical	Schedule CAS-15 p7
			0						c				0														0		Purch Water	Schedule CAS-15 p8

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

Missouri Public Service Commission Company: Missouri-American Water Company Division: St. Joseph

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							29d	29c	g67	29a				28	27				25	21	20	19	18	17	16	15	14	3	12	ੜ	6	9	8	Number	168 ing
					Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes	The state of the s	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					57,648												57,648					Expense	Schedule CAS-15 p9
					0							0					(18,975)								(18,975)									Expense	Schedule CAS-15 p10
					0							0					(33,839)							(33,839)										Expense	Schedule CAS-15 p11
					0							0					346,020											346,020						Expense	Schedule CAS-15 p12
					0							0					80,831					80,831												Expense	Schedule CAS-15 p13
					0							0					(4,783)				(4.783)													Expense	Schedule CAS-15 p13
					0							0					(14,504)		1.150	(14.504)														Expense	Schedule CAS-15 p13
					0							0					0		0															Main Breaks Expense	Schedule CAS-15 p14
					0							0					(4,422)			13:==	(4 422)													Expense	Schedule CAS-15 p15

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

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

Missouri Public Service Commission
Company: Missouri-American Water Company
Division: St. Joseph

					29d	290	29b	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			c Gross Receipts Taxes				Total Depreciation and Amortization			Depreciation		Total Operations and Maintenance						<u></u>							Chemicals) Fuel and Power	Purchased Water	Labor	ber Description	8
			0							0					0			0														Transpo. Expense	Schedule CAS-15 p16
			58,363					58,363		0					0																	Property Taxes Expense	Schedule CAS-15 p17
			16,619		16,619					0	-				0																	PSC Assess Expense	Schedule CAS-15 p18
			0							0					143,830	1 70,000	143 830															Tank Painting Expense	Schedule CAS-15 p19
	-		0	-						158,893		158 893			0																	Amortization Expense	Schedule CAS-15 p20
			0							0				,	(11.954)					1	(11.954)											Uncollectable Expense	Schedule CAS-15 p21
			0							0					0						0											Uncollectable Expense	Schedule CAS-15 p21
			0						1:3-1	(162,452)		(102)	(162.452)		0																	Depreciation	Schedule CAS-15 p22
			0							0					12 125		\$16,165	\$10 105														One Call	Schedule CAS-15 p23

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Missouri Public Service Commission
Company: Missouri-American Water Company
Division: St. Joseph

→ No.

4	6	အ	ၽ	37	36	ၾ	34	ట్ట	32	ü	3	29	28	27	26	25	24	23	13	21	20	19	ळ	17	16	즁	4	ವ	2	ュ	6	ဖ	00	· 7	—	Oi	α ω 4
									29d	29c	296	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	=	10	9	0	Number	168 Line
						The state of the s	Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes	1900	Total Depreciation and Amortization		Amortization	Depreciation	- Table	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					40,917			\$40,917														Expense	Schedule CAS-15 p24 AAO Security
							0							0					6,669			\$6,669														Expense	Schedule CAS-15 p25 Relocation
							531		\$531					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
							88,380		17,150	0	12,867	58,363		(3.559)		158,893	(162,452)		645,194		143,830	46,365	(9,205)	80,831	(11,954)	(33,839)	(18,975)	184,989	1,132	346,020	57,648	(385,352)	36,012	0	\$207,692	Adjustments	Present Rate
							1,282,466		35,524	57,251	135,180	1,054,511		2.712.272		П	2,553,379		5,845,420		299,810	(5)						293,277	463,295				585,808	0	\$1,824,546	Expense	Total Present

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

For the Test Year Ended December 31, 2002

Missouri Public Service Commission
Company: Missouri-American Water Company
District: St. Joseph Case No. WR-2003-XXX Schedule CAS-12-SJO 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.

	At Present Rates Federal Stat	nt Rates State	At Proposed Rates Federal State	ed Rates State
Utility Operating Income Before Income Taxes	\$7,035,553	\$7,035,553	\$9,226,704 \$9,226,704	\$9,226,704
Interest Expense Deduction	2,868,829	2,868,829	2,868,829	2,868,829
Taxable Income	4,166,724	4,166,724	6,357,875	6,357,875
Addback (Deducts): Tax over Book Depreciation Non-deductible Meals Amortization Preferred Stock Expense Non-deductible Reserve Deficiency	(1,555,000) 4,981 90 0	(1,555,000) 4,981 90 0	(1,555,000) 4,981 90 0	(1,555,000) 4,981 90 0
Total Addbacks (Deducts)	(1,549,929)	(1,549,929)	(1,549,929)	(1,549,929)
Taxable Income	2,616,795	2,616,795	4,807,946	4,807,946
Effective Tax Rate (1)	33.1754%	5.2133%	33.1754%	5.2133%
Proforma Income Tax at Present / Proposed Rates	868,131	136,421	1,595,053	250,651
Per Books Amount / Present Rates	318,789	135,891	868,131	136,421
Proforma adjustment	\$549,342	\$530	\$726,922	\$114,230

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

Missouri Public Service Commission					Cace No	120 2002
Company: Missouri-American Water Company District: St. Joseph	Company				Schedu	Schedule CAS-13-SJO
	Present Pro Forma Rates	Forma Rates	Proposed Pro Forma Rates	Forma Rates		1 880 1 01 1
Line # Class/ Description	Sales	Total	Sales	Total	Dollar	Percentage
2 Monthly Billing:	(000 Gal)	Kevenue	('000 Gal)	Revenue	Change	Change
4 Residential	1,852,514	\$7.827.381	1.852.514	\$8 713 010	\$885,620	11 31%
	1,016,833	3,256,385	1,016,833	3,449,209	192,824	5.92%
	1,021,077	2,731,898	1,021,077	2,654,619	(77,279)	-2.83%
Other Public Authority	234,683	660,129	234,683	752,513	92,384	13.99%
	1541	2,034,575 1,373	/ 04,559 1 E11	1,866,583	(187,992)	-9.15%
_	0 -	155,667	; ,	4,273	o c	0.00%
	0 0	0	-	8/5 606	808 808 0	0.00%
	4,831,207	16,690,308	4,831,207	18,441,480	\$1,751,172	10.49%
15 Miscellaneous Revenues:						
17 Reconnect Charges		32.661		32 661	D	0 00%
		6,931 141,480		6,931 141 480	o o o	0.00%
		(1,364) 1,128		(1,364) 1,128	000	0.00%
23 24		\$16,871,145		\$18,622,317	1,751,172	10.38%
25 26 27						
28 29						
3 4 8						
33 22						
35 4						
36 37 38						
39						

Description Meter Sales Current Total Meter Sales Pro Residential: Millimgs (7000 Gal) Rate Revenue Billings (7000 Gal) It Millings (7000 Gal) It	Description Meler Sales Current Total Current Sales Pro Billings (700 Gah) Rate Revenue Billings (700 Gah) Pro Rate Revenue Billings Pro Pro Rate Revenue Rate Revenue Rate Revenue Rate Revenue Rate	Missour Compar District:	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Joseph Present F Line # Class/ Customer	e Commission nerican Water	Company Present Pro Forma Rates		12 Month Test Period Ended December 31, 2002 Propo	iod Ended Dece	mber 31, 2002 Prop	posed Pro Forma Rates	la Rates		Case No. WR-2003-XXX Schedule CAS-14-SJO Page 1 of 7
Description Meter Sales Current Total Meter Sales Property tax Surcharge Billings (7000 Gal) Rate Revenue Billings (7000 Gal) Falte Revenue Falte	Description Meter Sales Current Total Meter Sales Pro Residential: Rate Revenue Residential: Rate Revenue	Line #	Class/	Customer	Present Pro r	orma Kates		Customer	Prop	osed Pro Form	ឆ	Rates	Rates
Manignum Charge: 58" Monthly 319,556 \$7.08 \$2,262,456 319,556 58" Monthly 9,680 9,06 87,701 9,680 34" Monthly 6,670 12,84 85,638 6,670 1-1/2" Monthly 154 22,33 1,382 61 2" Monthly 12 60,24 773 15 4" Monthly 0 98,15 723 12 4" Monthly 0 182,93 0 0 10" Monthly 0 306,65 0 0 10" Monthly 0 520,92 0 0 1-1,852,514 1,735,997 \$2,8793 4,998,455 1,735,997 \$2,200 1-1,12" Monthly 0 0 0 0 0 0 1-1,12" Mont	Mainthum Charage: 587 Monthly 319,556 \$7.08 \$2,282,456 319,556 304" Monthly 9,680 90.6 87.701 9,680 1" Monthly 6,670 12,84 85,638 6,670 1-1/2" Monthly 154 22,33 1,362 61 2" Monthly 12 60,24 7,23 12 4" Monthly 0 98,15 0 0 8" Monthly 0 192,93 0 0 8" Monthly 0 192,93 0 0 98.15 0 0 0 0 98.15 0 0 0 0 8" Monthly 0 192,93 0 0 90" Monthly 0 192,93 0 0 10" Monthly 0 192,93 4,984,455 0 0 12" Monthly 0 859,27 0 0 0 12" Monthly 0 1,735,997 \$2,8793 4,984,455 1,735,997 \$2,200 1 First Block 28,200 1,6131 45,489 28,200 1,735,997 \$2,200 1 Recorded to Books 0 0 0 0 0 <	→ [Description .	Meter Billings	Sales ('000 Gal)	Current Rate	Total Revenue	Meter Billings	Sales ('000 Gal)	Proposed Rate		Total Revenue	Total Dollar Revenue Change
5/8" Monthly 319,556 \$7.08 \$2,262,456 319,556 3/4" Monthly 9,680 9,701 87,701 9,680 1" Monthly 61 22,33 1,362 61 2" Monthly 154 33,71 5,174 154 2" Monthly 0 33,71 5,174 154 3" Monthly 0 98,15 0 0 6" Monthly 0 30,65 0 0 10" Monthly 0 30,65 0 0 12" Monthly 0 30,65 0 0 12" Monthly 0 38,2597 4,98,455 1,735,997 4 First Block 28,200 1,8131 45,489 1,735,997 4 Second Block 20,398 1,2448 25,391 28,200 0 For standard 67,920 0 0 0 Proper	58° Monthly 319,556 \$7.08 \$2,262,456 319,556 34° Monthly 9,680 87,701 9,680 319,556 \$7.08 82,262,456 319,556 34° Monthly 9,680 87,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 9,680 47,701 47,802 47,701 47,702 47		tesidential: linimum Charge					0	(000 25.)	- 650	1		
3/4" Monthly 9,680 9,66 87,701 9,680 1" Monthly 6,670 12,84 8,5638 6,670 1-1/2" Monthly 61 22,33 1,382 6,670 2" Monthly 154 33,71 5,174 154 3" Monthly 12 60,24 723 12 4" Monthly 0 98,15 723 12 4" Monthly 0 192,93 0 0 8" Monthly 0 192,93 0 0 8" Monthly 0 192,93 0 0 9" Monthly 0 192,93 0 0 10" Monthly 0 306,65 0 0 12" Monthly 0 859,27 0 0 12" Monthly 1,735,997 \$2,879 4,998,455 1,735,997 4,735,997 10" Monthly 28,200 1,735,99	3/4" Monthly 9,880 9,06 87,701 9,680 1" Monthly 6,670 12,84 86,583 6,670 1-1/2" Monthly 154 33,71 5,174 154 2" Monthly 12 60,24 723 12 4" Monthly 0 98,15 723 12 4" Monthly 0 182,93 0 0 10" Monthly 0 306,65 0 0 10" Monthly 0 520,92 0 0 12" Monthly 0 528,207 0 0 12" Monthly 0 528,207 4,998,455 1,735,997 4,988,455 10" Monthly 0 1,852,514 26,391 1,735,997 49,200 10" Monthly 0 1,852,514 28,200 1,735,997 49,998,455 28		/8" Monthly			\$7.08	\$2,262,456	319,556		\$8.50		\$2,716,225	\$2,716,225 \$453,769
1-1/27 Monthly 6,670 12.84 8,5638 6,670 1-1/27 Monthly 154 22.34 8,5638 6,670 2 Monthly 154 33.71 5,174 154 3 Monthly 12 60.24 723 12 4 Monthly 0 88.15 0 0 6 Monthly 0 182.93 0 0 8 Monthly 0 182.93 0 0 10 Monthly 0 852.92 0 0 10 Monthly 0 852.92 0 0 12 Monthly 0 852.97 0 0 12 Monthly 0 852.97 0 0 12 Monthly 0 852.97 0 0 12 Monthly 0 852.97 0 0 13 Monthly 0 182.93 1,735.997 12 Monthly 0 182.93 1,735.997 12 Monthly 0 182.93 1,735.997 12 Monthly 0 182.93 1,735.997 12 Monthly 0 192.93 1,735.997 12 Monthly 0 1,735.997 12 Monthl	1"Monthly 6,670 12.84 8.5,638 6,670 1-1/2" Monthly 154 22.3 1,362 61 2" Monthly 154 33.71 5,174 154 3" Monthly 12 60.24 723 12 4" Monthly 0 98.15 0 0 0 6" Monthly 0 192.93 0 0 10" Monthly 0 306.65 0 0 12" Monthly 0 889.27 0 0 0 12" Monthly 0 889.27 0 0 0 12" Monthly 0 889.27 0 0 1 12" Monthly 0 889.27 0 0 1 12" Monthly 0 12.83 3 56,937 82.8793 1,735,997 8 12" Monthly 0 12.83 3 56,937 82.00 12" Monthly 0 12.83 3 56,937 87,920 12" Monthly 0 12.83 3 56,937 87,920 12" Monthly 0 12.83 3 56,937 87,920 14" Monthly 0 12.83 3 56,937 87,920 15 First Block 1,735,997 8.28793 4,988,455 1,735,997		/4" Monthly	9,680		9.06	87,701	9,680		10.90		105,512	
2" Monthly 61 22.33 1,362 61 2" Monthly 12 60.24 723 12 3" Monthly 12 60.24 723 12 4" Monthly 0 98.15 0 0 6" Monthly 0 98.15 0 0 8" Monthly 0 306.65 0 0 10" Monthly 0 306.65 0 0 12" Monthly 0 859.27 0 0 1 12" Monthly 0 859.27 0 0 1 12" Monthly 0 859.27 0 0 1 12" Monthly 0 859.27 0 0 1 12" Monthly 0 859.27 0 0 1 12" Monthly 0 859.27 0 0 1 12" Monthly 0 859.27 0 0 1 12" Monthly 0 859.27 0 0 1 12" Monthly 0 859.27 0 0 1 12" Monthly 0 859.27 0 0 0 1 12" Monthly 0 859.27 0 0 0 1 12" Monthly 0 10 859.27 0 0 0 1 12" Monthly 0 10 10 10 10 10 10 10 10 10 10 10 10 1	2" Monthly 154 22.33 1,362 2" Monthly 154 33.71 1,362 3" Monthly 12 60.24 723 12 3" Monthly 0 98.15 0 0 6" Monthly 0 98.15 0 0 8" Monthly 0 98.15 0 0 10" Monthly 0 98.15 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 10 10 10 10 10 10 10 10 10 10 10 10 1		Monthly	6,670		12.84	85,638	6,670		15.40		102,712	
2" Monthly 154 33.71 5,174 154 3" Monthly 0 98.15 0 0 6" Monthly 0 98.15 0 0 6" Monthly 0 98.15 0 0 8" Monthly 0 98.15 0 0 10" Monthly 0 98.15 0 0 10" Monthly 0 98.293 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly	2" Monthly 154 33.71 5,174 154 3" Monthly 0 98.15 0 0 6" Monthly 0 98.15 0 0 6" Monthly 0 98.15 0 0 10" Monthly 0 98.15 0 0 10" Monthly 0 98.92 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 12" Monthly 0 10 10 10 10 10 10 10 10 10 10 10 10 1		-1/2" Monthly	61		22.33	1,362	61		26.80		1,635	
3" Monthly 12 60.24 723 12 4" Monthly 0 98.15 0 0 6" Monthly 0 306.65 0 0 8" Monthly 0 306.65 0 0 10" Monthly 0 520.92 0 0 10" Monthly 0 859.27 0 0 1 12" Monthly 0 859.27 0 0 0 1 12" Monthly 0 859.27 0 0 0 0 1 12" Monthly 0 859.27 0 0 0 0 1 12" Monthly 0 859.27 0 0 0 1 1,735.997 1,735.997 1,735.997 1 First Block 28,200 1,6131 45,489 28,200 28,200 1 28,200 1 20,398 20,398 20,398 67,920 67,920 67,920 0<	4" Monthly 12 60.24 723 12 4" Monthly 0 98.15 0 0 6" Monthly 0 192.93 0 0 10" Monthly 0 306.65 0 0 10" Monthly 0 520.92 0 0 10" Monthly 0 859.27 0 0 12" Monthly 0 859.27 0 0 0 12" Monthly 0 1,735,997 \$2.8793 4,988,455 1,735,997 \$2.200 12" Monthly 1,852,504 1,6131 45,489 28,200 20,398 12" Monthly 20,398 1,2448 25,391 20,398 20,398 12" Monthly 67,920 67,920 67,920 67,920 67,920 12" Monthly 0 0 0 0 0 12" Monthly 0 0 <		" Monthly	154		33.71	5,174	154		40.50		6,217	_
# Monthly 0 98.15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# Monthly 0 98.15 0 0 8" Monthly 0 192.93 0 0 8" Monthly 0 306.65 0 0 10" Monthly 0 859.27 0 0 12" Monthly 0 1735,997 \$2.8793 4,998,455 First Block 28,200 1.6131 45,489 First Block 28,200 1.6131 45,489 Fourth Block 67,920 0.8383 56,937 67,920 FAL's and Credits 0 80oks Froperty tax Surcharge 1,852,514 0.1393 258,055 1,852,514 Total 1,852,514 1,852,514 1,852,514		" Monthly	12		60.24	723	12		72.00		864	
6" Monthly 0 192.93 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8" Monthly 0 192.93 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		" Monthly	0		98.15	0	o i		118.00		0	
8" Monthly 0 306.65 0 0 10" Monthly 0 520.92 0 0 12" Monthly 0 859.27 0 0 1 Volumetric Charges: 1,735.997 \$2.8793 4,988.455 1,735.997 4 First Block 1,735.997 \$2.8793 4,988.455 1,735.997 4 Second Block 28,200 1,6131 45,489 28,200 1 Fourth Block 67,920 0.8383 56,397 67,920 67,920 FAL's and Credits 0 0 0 0 0 Reconcile to Books 1,852.514 0.1393 258,055 1,852,514 Total 1,852.514 0.1393 258,055 1,852,514	8" Monthly 0 306.65 0 0 10" Monthly 0 520.92 0 0 12" Monthly 0 859.27 0 0 1 Volumetric Charges: 1,735.997 \$2.8793 4,988.455 1,735.997 4 First Block 28,200 1,6131 45,489 28,200 1 Third Block 20,398 1,2448 25,391 20,398 Fourth Block 67,920 0.8383 56,397 67,920 67,920 FAL's and Credits 0 0 0 0 0 Reconcile to Books 1,852,514 0.1393 258,055 1,852,514 Total 1,852,514 0.1393 258,055 1,852,514		"Monthly	0		192.93	0	0		232.00		0	
10" Monthly 0 520.92 0 0 12" Monthly 0 859.27 0 0 1 Volumetric Charges: 1,735,997 \$2.8793 4,998,455 1,735,997 1 First Block 28,200 1,6131 45,489 28,200 1 Second Block 20,398 1,2448 25,391 28,200 1 Fourth Block 67,920 0.8383 56,937 67,920 1 FAL's and Credits 0 0 0 0 0 0 Reconcile to Books 1,852,514 0.1393 258,055 1,852,514 1,852,514 Total 1,852,514 37,827,381 1,852,514 1,852,514	10" Monthly 0 520.92 0 0 12" Monthly 0 859.27 0 0 1 Volumetric Charges: 1,735.997 \$2.8793 4,998.455 1,735.997 \$		" Monthly	0		306.65	0	0		368.00		0	
Volumetric Charges: 1,735,997 \$2,8793 4,988,455 1,735,997 \$2,8793 4,988,455 First Block 28,200 1,6131 45,489 28,200 1,2448 25,391 20,398 1,2448 25,391 20,388 20,388 Fourth Block 67,920 0.8383 56,937 67,920 6	Volumetric Charges: 1,735,997 \$2.8793 4,998,455 1,735,997 \$2.8793 4,998,455 First Block Second Block Third Block Fourth Block Fourth Block Fourth Block Fourth Block Fourth Block FAL's and Credits Reconcile to Books 1,2448 25,391 20,398 20,398 Fal's and Credits Foregraph of the Books Fourth Block		0" Monthly	0		520.92	0	0		625.00		0	
Volumetric Charges: 1,735,997 \$2.8793 4,998,455 1,735,997 \$28,200 1,6131 45,489 28,200 \$2,200 \$2,200 \$2,391 \$2,200 \$2,200 \$2,200 \$2,391 \$2,200 \$2,391 \$2,391 \$2,398 \$2,391 \$2,398 \$2,391 \$2,398 \$2,391 \$2,398 \$2,391 \$2,398 \$2,391 \$2,398 \$2,391 \$2,398 \$2,391 \$2,398 \$2,391 \$2,391 \$2,398 \$2,391 \$2,398 \$2,391 \$2,391 \$2,398 \$2,391 \$2,398 \$2,391 \$2,391 \$2,398 \$2,391<	Volumetric Charges: 1,735,997 \$2.8793 4,998,455 1,735,997 \$28,200 \$20,398		2" Montnly	0		859.27	0	0		1,032.00		0	0
First Block 2,735,997 \$2.8793 4,998,455 28,200 1.6131 45,489 28,200 1.6131 45,489 28,200 1.6131 45,489 28,200 20,398 Fourth Block 67,920 0.8383 56,937 67,920 FAL's and Credits 0 Books Property tax Surcharge 1,852,514 0.1393 258,055 1,735,997 \$20,398 7,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	First Block 1,735,997 \$2.8793 4,998,455 28,200 Third Block 28,200 1.6131 45,489 28,200 Third Block 20,398 1.2448 25,391 20,398 Fourth Block 67,920 0.8383 56,937 67,920 FAL's and Credits 0 Books Property tax Surcharge 1,852,514 1,852,514 1,852,514 1,852,514 1,852,514 1,852,514 1,852,514 1,852,514		olumetric Charc	les:									
Second Block 28,200 1.6131 45,489 28,200 Third Block 20,398 1.2448 25,391 20,398 Fourth Block 67,920 0.8383 56,937 67,920 FAL's and Credits 0 0 0 0 Reconcile to Books Property tax Surcharge 1,852,514 1,852,514 \$7,827,381 1,852,514 Total 1,852,514 \$7,827,381 1,852,514	Second Block 28,200 1.6131 45,489 28,200 Third Block 20,398 1.2448 25,391 20,398 Fourth Block 67,920 0.8383 56,937 67,920 FAL's and Credits 0 0 0 0 Reconcile to Books Property tax Surcharge 1,852,514 0.1393 258,055 1,852,514 Total 1,852,514 \$7,827,381 1,852,514		irst Block		1,735,997	\$2.8793	4,998,455		1,735,997	\$3.1200		5,416,310	5,416,310 417,855
Third Block 20,398 1.2448 25,391 20,398 Fourth Block 67,920 0.8383 56,937 67,920 FAL's and Credits 0 Reconcile to Books Property tax Surcharge 1,852,514 1,852,514 1,852,514 1,852,514 1,852,514	Third Block 20,398 1.2448 25,391 20,398 Fourth Block 67,920 0.8383 56,937 67,920 FAL's and Gredits 0 0 0 0 Reconcile to Books 1,852,514 0.1393 258,055 1,852,514 Total 1,852,514 \$7,827,381 1,852,514		econd Block		28,200	1.6131	45,489		28,200	3.1200		87,983	
Fourth Block 67,920 0.8383 56,937 67,920 FAL's and Credits 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Fourth Block 67,920 0.8383 56,937 67,920 FAL's and Credits 0 0 0 0 0 0 0 Reconcile to Books Property tax Surcharge 1,852,514 0.1393 258,055 1,852,514 1,852,514 1,852,514 1,852,514		hird Block		20,398	1.2448	25,391		20,398	3.1200		63,641	
Property tax Surcharge 1,852,514 0.1393 258,055 1,852,514 Total 1,852,514 \$7,827,381 1,852,514	Property tax Surcharge 1,852,514 0.1393 258,055 1,852,514 Total 1,852,514 \$7,827,381 1,852,514		ourth Block	,	67,920	0.8383	56,937		67,920	3.1200		211,911	
Property tax Surcharge 1,852,514 0.1393 258,055 1,852,514 Total \$7,827,381 1,852,514	Property tax Surcharge 1,852,514 0.1393 258,055 1,852,514 Total 1,852,514 \$7,827,381 1,852,514		econcile to Boo	ks '	c		c		c			c	c
Property tax Surcharge 1,852,514 0.1393 258,055 1,852,514 Total \$7,827,381 1,852,514	Property tax Surcharge 1,852,514 0.1393 258,055 1,852,514 Total 1,852,514 \$7,827,381 1,852,514	25 25											
Total 1,852,514 \$7,827,381	Total 1,852,514 \$7,827,381		roperty tax Surc	charge	1,852,514	0.1393	258,055		1,852,514	0.0000		0	0 (258,055)
			otal		1,852,514		\$7,827,381		1,852,514			\$8,713,010	\$8,713,010 \$885,629
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Souri Public Service Commission Present Pro Forma Rates Present Pro Forma Rates Present Pro Forma Rates Customer Description Meter Sales Current Minimum Charge: \$7.08 5/8" Monthly 27,470 \$0.08 3/4" Monthly 1,037 \$22.33 2" Monthly 1,037 \$22.33 2" Monthly 2,703 \$32.73 8" Monthly 136 \$98.16 6" Monthly 24 \$192.93 8" Monthly 0 \$50.02 12" Monthly 0 \$50.29 12" Monthly 0 \$520.92 12" Monthly 0 \$306.86 10" Monthly 0 \$520.92 12" Monthly 0 \$396,291 Third Block 57.245 \$1.4598 Fourth Block 8,486 \$0.9828 FAL's and Credits 0 \$0.1383 <t< th=""><th></th><th></th><th></th><th>7</th><th>12 Month Test Period Ended December 31, 2002</th><th>iod Ended Dec</th><th>12 Month Test Period Ended December 31, 2002</th><th></th><th></th><th></th><th></th></t<>				7	12 Month Test Period Ended December 31, 2002	iod Ended Dec	12 Month Test Period Ended December 31, 2002				
Description Present Pro Forms Rates Proposed Pro Forms Rates Customer Customer Customer Sales Current Total Description Mader Sales Current Total Description Mader Sales Current Total Description Mader Sales Proposed Total Dellar Part Change Ch	Missouri Public Servic Company: Missouri-A	e Commission Water	on er Company							Case No Schedu	. WR-2003-XXX ile CAS-14-SJO
Classophion Mediar Sales Current Total Millings Customer Customer Customer Continges Con			Present Pro F	orma Rates			Propo	osed Pro Form	a Rates		Page 2 of /
Commercial: Ellimgs Cod Gal Rate Flower Flowe		Customer	Color	Cimpat	7	Customer		-		!	
Melminthy Start Monthly 1,876 \$7,08 \$194,488 27,470 \$8,50 \$233,496 \$39,008 \$30,	ı	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Percentage Change
S6F Monthly 27,470 \$7,08 \$104,488 27,470 \$3.50 \$233,496 \$30,008 \$30,008 \$104,488 27,470 \$3.50 \$233,496 \$30,008 \$30,008 \$1,647 \$1,560 \$20,448 \$3,451 \$1,176 \$10,307 \$23,349 \$3,451 \$1,147 \$10,40 \$20,448 \$3,451 \$1,147 \$1,540 \$2,940 \$10,448 \$3,451 \$1,147 \$10,408 \$20,240 \$10,448 \$2,400 \$10,448 \$2,400 </td <td></td> <td>, r</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		, r									
3/4* Monthly 1,876 \$9,06 1,879 \$1,077 \$12,64 52,477 \$1,037 \$12,64 52,477 \$1,037 \$12,64 52,477 \$1,037 \$26,243 3,451 1,037 \$26,243 3,451 1,037 \$15,60 \$20,448 3,451 1,043 \$2,400 10,433 2,411 \$2,403 \$28,80 27,792 4,636 22,702 \$28,80 52,772 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 27,792 4,636 28,035 1,635 4,4357 72,03 4,435 27,200 20,548 27,200 20,548 27,700 20,548 23,200 50,648 9,38 23,200 20,568 9,38 23,225 20,00 <td></td> <td></td> <td></td> <td>\$7.08</td> <td>\$194,488</td> <td>27,470</td> <td></td> <td>\$8.50</td> <td>\$233,496</td> <td>\$39.008</td> <td>20.06%</td>				\$7.08	\$194,488	27,470		\$8.50	\$233,496	\$39.008	20.06%
Third Horithy 1,037 \$12,84 52,477 4,087 \$15,40 62,940 10,463 1,172 Monthly 1,037 \$22,33 23,156 1,037 \$26,80 27,792 4,636 27 Monthly 2,703 \$33,71 91,118 2,703 \$30,50 109,472 16,364 37 Monthly 1,66 \$98,15 13,348 136 \$12,203 \$18,00 15,164 2,47 4,47 4,47 2,4 \$306,25 13,348 136 \$18,00 15,164 2,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,47 2,4 4,4		1,876		\$9.06	16,997	1,876		\$10.90	20.448	3.451	20 30%
C. Hornthy 1,037 \$22,33 23,156 1,037 \$28,50 27,722 4,535 Z. Monthly 2,703 \$33,71 91,116 2,703 \$40,50 108,472 18,354 Z. Monthly 136 \$80,24 4,337 72 \$72,00 5,164 847 G. Monthly 136 \$80,24 4,337 72 \$72,00 5,164 847 G. Monthly 136 \$192,93 4,630 24 \$222,00 5,688 938 Elst Block \$1,004 \$1,004 \$2,000 0 \$2,000 0 90 Pount Block \$54,810 \$3,3757 1,872,873 \$56,810 \$3,1200 1,731,008 (141,865) Fourth Block \$36,221 \$1,8911 749,426 \$3,6291 \$2,7245 \$1,032,00 0 0 Property tax Surcharge \$1,016,833 \$0,9828 8,340 \$8,486 \$2,400 \$1,338 \$3,839 Property tax Surcharge \$1,016,833 \$1,216,333		4,087		\$12.84	52,477	4,087		\$15.40	62,940	10,463	19.94%
2º Monthly 2,703 \$33,71 91,118 2,703 \$40,50 109,472 10,354 3° Monthly 136 \$50,44 4,337 72 \$72,00 5,164 8,270 6° Monthly 136 \$306,65 10 0 0 \$3,465 0.568 2,700 10° Monthly 124 \$192,93 4,530 24 \$323,00 5,568 2,93 10° Monthly 10 \$306,65 0 0 0 \$336,00 5,68 293 12° Monthly 10 \$850,92 0 0 0 \$336,00 5,68 293 12° Monthly 10 \$850,92 0 0 0 \$336,00 5,68 293 12° Monthly 10 \$850,92 0 0 0 \$336,00 5,68 293 12° Monthly 10 \$850,92 0 0 0 \$336,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1,037		\$22.33	23,156	1.037		\$26.80	27 792	4 636	20.02%
3" Monthly 4" Admithly 4" Admithly 4" Admithly 4" Monthly 24 Sept. 15		2,703		\$33.71	91,118	2,703		\$40.50	109.472	18 354	20 14%
4" Monthly or Monthly or Property lax Suncharge 136 states \$98.5 states 13348 states 136 states \$112.00 states 150.46 states 2,700 states 150.46 states 2,700 states 150.46 states 2,700 states 150.46 states 2,700 states 24 states \$22.00 states 250.82 states 24 states \$22.00 states 250.82 states 250.92 states 250.92 states 20		72		\$60.24	4.337	72		\$72.00	5 184	847	10 53%
or Monthly or Monthly or Monthly or Individual State of Monthly or Individual State of In		136		\$98.15	13,348	136		\$118.00	16.048	2 700 (+)	20 23%
Remotrity (or Monthly) \$306.65 0 \$306.65 0 \$306.00 0 \$308.00 0 0 \$308.00 0		24		\$192.93	4,630	24		\$232.00	5,568	938	20.26%
Informative charges: 12 Monthly \$520.92 0 0 \$525.00 0 0 \$1,032.00 0 0 0 \$1,032.00 0		0		\$306.65	0	0		\$368.00	0	0	0.00%
Volumetric Charges: First Block 554,810 \$3,3757 1,872,873 554,810 \$3,1200 1,731,008 (141,865) First Block 396,291 \$1,8911 749,426 396,291 \$2,7240 1,791,497 330,071 4 Fourth Block 57,245 \$1,4595 83,560 57,245 \$2,4000 137,389 53,839 57,245 \$2,4000 137,389 53,839 6 57,245 \$2,4000 20,367 12,027 1 1 1,016,833 141,645 1,016,833 0.0000 0		0		\$520.92	0	0		\$625.00	0	0	0.00%
Volumetric Charges: 554,810 \$3.3757 1,872,873 554,810 \$3.1200 1,731,008 (141,865) Second Block 396,291 \$1,8911 749,426 396,291 \$2,7240 1,079,497 330,071 Third Block 57,245 \$1,4595 83,340 57,245 \$2,4600 137,389 53,839 Fourth Block 8,486 \$0,9828 8,340 8,486 \$2,4000 137,389 53,839 FAL's and Credits 0 0 8,486 \$2,4000 20,367 12,027 1 Reconcile to Books 1,016,833 0.1393 141,645 1,016,833 0.0000 0 (141,645) -1 Total 1,016,833 0.1393 141,645 1,016,833 0.0000 0 (141,645) -1		c		17.6co@	c	c		\$1,032.00	0	0	0.00%
First Block Second Block Second Block Second Block Third Block Second Block Third Block Third Block Third Block Second Block Second Block Second Block Second Se		jes:									
Second Block 396,291 \$1,8911 749,426 396,291 \$2,7245 \$1,8914 749,426 396,291 \$2,7240 1,079,497 330,071 749,477 749,477 749,477 <td></td> <td></td> <td>554,810</td> <td>\$3.3757</td> <td>1.872.873</td> <td></td> <td>554 810</td> <td>\$3 1200</td> <td>1 731 008</td> <td>(141 865)</td> <td>_7 57%</td>			554,810	\$3.3757	1.872.873		554 810	\$3 1200	1 731 008	(141 865)	_7 57%
Third Block 57,245 \$1,4595 83,550 57,245 \$2,4000 137,389 53,839 Fourth Block 8,486 \$0.9828 8,340 8,486 \$2,4000 20,367 12,027 Reconcile to Books Property tax Surcharge 1,016,833 0.1393 141,645 1,016,833 0.0000 0 (141,645) 1,016,833 1,01			396,291	\$1.8911	749,426		396.291	\$2.7240	1,079,497	330 071	44 04%
Fourth Block FAL's and Gredits 0 \$0.9828 8,340 8,486 \$2.4000 20,367 FAL's and Gredits Reconcile to Books Property tax Surcharge 1,016,833 0.1393 141,645 1,016,833 0.0000 0 (141,645) - 1,016,833 1			57,245	\$1.4595	83,550		57,245	\$2,4000	137.389	53.839	64.44%
FAL's and Credits 0			8,486	\$0.9828	8,340		8,486	\$2.4000	20,367	12,027	144.21%
Property tax Surcharge 1,016,833 0.1393 141,645 1,016,833 0.000 0 (141,645) -10 Total 1,016,833 \$3,256,385 1,016,833 \$3,449,209 \$192,824		S S	0		0		0		0	0	0.00%
Property tax Surcharge 1,016,833 0.1393 141,645 1,016,833 0.0000 0 (141,645) -10 Total 1,016,833 \$3,256,385 1,016,833 \$3,449,209 \$192,824 \$192,824 \$1,016,833											
Total 1,016,833 \$3,256,385 1,010,833 \$3,449,209 \$192,824		harge	1 016 833	0 1303	1/1 6/5		1 016 022	0 0000	ò		
Total 1,016,833 \$3,256,385 1,016,833 \$3,449,209 \$192,824		,					.,0.000		•	(141,040)	-100:00 %
			1,016,833		\$3,256,385		1,016,833	i	\$3,449,209	\$192.824	5.92%
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Consideration Consideratio						THE WORLD COOK CHOOL PROCESSINGS OF FOOL						
Property Property	Missou	ny: Missouri-Am	erican Wate	n r Company							Case No Schedu	. WR-2003-XX
Classical Description Clustomer Clustomer Clustomer Control Total Multinum Clustomer Customer Control Total Multinum Clustomer Control Total Multinum Clus		. 00 0000011		Present Pro Fo	orma Rates			Prop	osed Pro Form	a Rates		Page 3 of
Property of Series Colores Chiles Florida Hindustrial:	Line#	Class/	Customer	Color		T	Customer) :	!
Minimum Charact 84 \$7.08 \$595 94 \$8.50 \$714 \$119 36F Monthly 40 9.06 362 40 10.80 \$714 \$119 34F Monthly 264 12.34 3.380 264 10.80 \$74 \$74 1-1/Z Monthly 80 22.33 1.786 80 280 2.144 368 74 2* Monthly 97 33.71 3.2988 978 4050 3.685 2.144 368 2.144 368 2.144 368 2.144 368 2.144 368 2.24 2.240 3.086 6.641 72.00 1.728 3.882 2.144 368 2.24 4.050 3.968 6.641 3.082 2.144 3.682 2.144 3.082 2.144 3.682 2.144 3.082 2.144 3.682 2.242 2.1400 2.1400 3.682 2.242 2.1400 2.2420 2.2420 2.2420 2.2420 2.2420 2.2420 <th>_</th> <th> </th> <th>Billings</th> <th>('000 Gal)</th> <th>Rate</th> <th>Revenue</th> <th>Billings</th> <th>('000 Gal)</th> <th>Rate</th> <th>Revenue</th> <th>Change</th> <th>Change</th>	_	 	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Sign Monthly 84 \$7.08 \$595 84 \$8.50 \$714 \$119 3id Monthly 40 9.06 392 44 10.90 49.6 74 1 Monthly 24 12.84 3.30 244 15.40 4.068 676 2 Monthly 98 2.33 1.786 98 40.50 39.696 6.841 2 Monthly 97 24 80.24 14.46 40.50 39.696 6.841 3 Monthly 185 98.15 18.156 195 18.00 21.84 38.52 4 Monthly 195 98.15 192.33 19.81 195 11.00 21.88 22.20 11.728 282.2 22.20 11.728 282.2 22.20 11.728 282.2 22.20 11.738 1.677 22.2 22.20 11.738 1.677 22.2 22.20 11.738 1.677 22.2 22.2 22.2 22.2 22.2 22.2 22.2 22.2		ndustrial: Minimum Charge:									i d	
1-Monthly 264 1246 3365 24 1030 436 774 11472 Monthly 264 1244 3360 244 1540 4066 676 11412 Monthly 978 22.33 1,796 80 22 41 40 1030 436 774 11414 Monthly 978 33,71 32,598 978 22.80 2,144 358 27 Monthly 185 92.33 1,786 98.15 1185 1250 33,609 6,641 13 4 Monthly 185 98.15 19,281 1485 129 33,672 148 189 189 189 189 189 189 189 189 189 18		5/8" Monthly			\$7.08	\$595	84		\$× 50	₹71 <i>A</i>	\$110	20,000
Thornthy 264 12.84 3330 224 1540 4.066 677 1-1/2" Monthly 978 22.3 1.786 80 22.4 1540 4.066 677 27 4.061hy 978 22.4 60.24 1.446 22.4 27 4.061hy 22.4 60.24 1.446 22.4 22.2 2.4 4.061hy 185 98.15 1.446 24 7.200 1.728 222 2.4 4.061hy 185 98.15 1.446 24 7.200 1.728 222 2.4 4.061hy 1.2 2.2		3/4" Monthly	40		9.06	362	40		10.90	436	7.4	20.00
2-Monthly 80 2233 1,786 80 224 44 536 224 44 536 23 44 60nthly 978 42,4 80.24 1,446 536 32 44 60nthly 185 98.15 18,158 185 185 185 185 185 185 185 185 185		i" Monthly	264		12.84	3,390	264		15.40	4.066	676	19.94
2º Monthly 978 33,71 32,968 978 40,50 39,509 6,641 32 40 40 40 40 40 40 40 40 40 40 40 40 40		1-1/2" Monthly	80		22.33	1,786	80		26.80	2.144	358	20.04
3" Monthly 24 60.24 1,446 24 72.00 1,728 282 4" Monthly 185 98.15 18.56 18.50 18.00 21.830 3,675 2.75 6" Monthly 48 192.93 9,261 48 232.00 11.00 21.830 3,675 2.75 6" Monthly 0 520.92 0 0 0 68.00 0 0 0 10" Monthly 0 520.92 0 0 0 65.00 0 0 0 12" Monthly 0 520.92 0 0 0 65.00 0 0 0 12" Monthly 0 53,748 \$4,203 345,533 40,533 63,748 \$4,7900 305,353 (40,180) 15" Block 408,815 3,0384 1,241,226 408,815 3,1500 1,287,767 48,441 -1 Flust Block 240,974 2,343,34 544,726 408,815 3,1500 3,1503 35,353 (40,180) Recordile to Books 499,061 1,5780 787,518 499,061 1,7000 848,404 60,886 25,72 Property lax Surcharge 1,021,077 \$2,731,898 <		2" Monthly	978		33.71	32,968	978		40.50	39,609	6,641	20.149
4" Monthly Admithly of Monthly of San Monthly Admithly of San Monthly of San Mo		3" Monthly	24		60.24	1,446	24		72.00	1.728	282	19.50
8° Monthly 48 192.93 9,261 48 232.00 11,136 1,875 2 8° Monthly 0 306.65 0 0 0 368.00 0 0 0 10° Monthly 0 520.92 0 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 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 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 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 1,287.767 46,441 17° Monthly 0 859.27 0 0 1,287.767 46,441 17° Monthly 0 859.27 0 0 0 1,287.767 17° Monthly 0 859.27 0 0 0 1,287.767 17° Monthly 0 859.27 0 0 0 1,287.767 17° Monthly 0 859.27 0 0 0 1,287.767 17° Monthly 0 859.27 0 0 0 1,287.767 17° Monthly 0 859.27 0 0 0 1,287.767 17° Monthly 0 0 859.27 0 0 0 1,287.767 17° Monthly 0 0 859.27 0 0 0 1,287.767 17° Monthly 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		#" Monthly	185		98.15	18,158	185		118.00	21,830	3.672	20.229
Ar Monthly 0 306.65 0 0 388.00 0 0 10" Monthly 0 520.97 0 0 625.00 0 0 0 12" Monthly 0 859.27 0 0 1,032.00 0 0 0 0 Volumetric Charges: 63,748 \$5.4203 345,533 63,748 \$4,7900 0 0 0 0 First Block 408,915 3,0364 1,241,326 408,815 3,1900 1,287,767 46,441 1 Third Block 499,061 1,5780 787,488 499,061 1,7000 590,398 25,712 FAL's and Credits (191,521) (144,034) (191,521) 499,061 1,7000 580,396 25,712 Property tax Surcharge 1,021,077 \$2,731,898 1,021,077 408,441 (14,920) (14,920) Total 1,021,077 \$2,731,898 1,021,077 \$2,654,619 (877,279) -10		" Monthly	48		192.93	9,261	48		232.00	11,136	1,875	20.259
Volumetric Charges: First Block 63,748 \$5,4203 345,533 63,748 \$4,7900 305,353 (40,180) -1,032,00 0 0 First Block Second Block Third Block Fourth Block FAL's and Credits 408,815 3,0364 1,241,326 408,815 3,1500 1,287,767 44,441 -1,772 46,441 -1,772 46,441 -1,772 -1,772 49,901 1,772,779 -1,772 49,061 1,7000 848,404 60,886 25,712 -1,021,077 -1,021,077 48,915 -1,021,077 <td< td=""><td></td><td>o Monthly</td><td>o c</td><td></td><td>306.65</td><td>o C</td><td>0</td><td></td><td>368.00</td><td>0</td><td>0</td><td>0.009</td></td<>		o Monthly	o c		306.65	o C	0		368.00	0	0	0.009
Volumetric Charges: 63,748 \$5,4203 345,533 63,748 \$4,7900 305,333 (40,180) 5.712 First Block 63,748 \$5,4203 345,533 63,748 \$4,7900 305,333 (40,180) 5.712 Third Block 490,974 2,3433 564,874 240,974 2,4500 590,336 25,712 Fourth Block 490,061 1,5780 787,518 499,061 1,200 590,336 25,712 FAL's and Credits (191,521) (191,521) (444,034) (191,521) (100,336 25,712 Reconcile to Books 1,212,598 0.1393 168,915 1,212,598 0.0000 0 (168,915) -10 Total 1,021,077 \$2,731,898 1,021,077 \$2,654,619 (\$77,279) -10		O" Monthly	.		050.92	o c	o c		625.00		· c	0.005
Volumetric Charges: 63,748 \$5,4203 345,533 63,748 \$4,7900 305,353 (40,180)			•		i	ć	c		1,002.00	c	c	0.00
First Block Second Block Third Block FAL's and Credits Reconcille to Books 63,748 408,815 499,061 (191,521) \$5,4203 1,241,236 2,4333 (444,034) 345,533 408,815 787,518 (444,034) \$4,7900 408,815 2,4300 408,815 499,061 4,240,974 2,4500 499,061 4,920) 3,1500 590,386 25,712 4,840 499,061 4,920) -1,287,767 590,386 4,944 499,061 4,920) 4,411 2,4500 499,061 4,940 499,061 4,940 4,		/olumetric Charge	es:									
Second Block Second Block A08,815 A0,841 A08,815 A0,974 A08,815 A0,974 A08,815 A0,974 A08,915 A0,974 A0,841 A08,915 A0,974 A08,915 A0,974 A0,841 A08,915 A0,974 A0,841 A0,974 A0,974 A0,974 A0,974 A0,974 A0,974 A0,974 A0,974 A0,975 A0,000 A0,0		irst Block		63,748	\$5.4203	345,533		63,748	\$4.7900	305,353	(40,180)	-11.639
Fruith Block FAL's and Credits (191,521) 1.5780 787,518 499,061 1.7000 848,404 60,886 FAL's and Credits (191,521) (444,034) (191,521) (458,954) (14,920) Froperty tax Surcharge 1,021,077 82,731,898 1,021,077		becond Block		408,815	3.0364	1,241,326		408,815	3.1500	1,287,767	46,441	3.749
FAL's and Credits (191,521) (444,034) (191,521) (448,944 (14,920) Reconcile to Books Property tax Surcharge 1,021,077		Fourth Block		240,974 490,961	2.3433	564,674 787 548		240,974	2.4500	590,386	25,712	4.559
Reconcile to Books 1,212,598 0.1393 168,915 1,212,598 0.0000 0 (168,915) -1		-AL's and Credits		(191.521)		(444,034)		(191 521)	1.7000	040,404 (458 954)	(14,920)	3 360
Property tax Surcharge 1,212,598 0.1393 168,915 1,212,598 0.0000 0 (168,915) -1 Total 1,021,077 \$2,731,898 1,021,077 \$2,654,619 (\$77,279) (\$77,279)		Reconcile to Book	(S	•		•		\(\frac{1}{2} \)		(100)000	(17,020)	0.00
Property tax Surcharge 1,212,598 0.1393 168,915 1,212,598 0.0000 0 (168,915) -1 Total 1,021,077 \$2,731,898 1,021,077 \$2,654,619 (\$77,279)	25											
Total 1,021,077 \$2,654,619 (\$77,279)		roperty tax Surcl	harge	1,212,598	0.1393	168,915		1,212,598	0.0000	0	(168,915)	-100.00
(\$77,279) (\$77,279)		<u></u>		1 001 077		©3 734 000		1 001 077	í	200	(A)	
30 31 32 33 34 35 36 37		lotal		1,021,077	ıı	\$2,731,898	u	1,021,077	u	\$2,654,619	(\$77,279)	-2.83
32 33 34 35 36 37 38	చ్ల జ											
33 34 35 36 37 38 39	3 2 9											
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40	မ္တ မ											
	40											

Missouri Public Service Commission					Test Year O 12	Test Year Operating Revenues at Present Rates vs Proposed Rates 12 Month Test Period Ended December 31, 2002	ies at Present F	ates vs Propo mber 31, 200	osed Rates 2			
Class	Missou Compa District	ıri Public Servic ıny: Missouri-An t: St. Joseph	e Commissio nerican Wate	r Company							Case No Schedu). WR-2003-XXX ile CAS-14-SJO
Classor Customer Sales Current Total Customer Change Total Dollar Percentage 66" Manthy 462 \$7.08 \$3.267 462 \$1.00 \$3.923 \$568 \$3.923 \$568 \$3.923 \$568 \$3.923 \$568 \$3.923 \$568 \$3.923 \$568 \$3.923 \$3.923 \$568 \$3.923 \$3.92				Present Pro Fo	orma Rates			Prop	osed Pro Form	a Rates		. ugo - o
Other Public Authority: Changes Rale Revenue Billings (VOID Gal) Rale Revenue Change Change <th>Line #</th> <th>Class/ Description</th> <th>Customer Meter</th> <th>Sales</th> <th>Current</th> <th>Total</th> <th>Customer Meter</th> <th>Sales</th> <th>Proposed</th> <th>Total</th> <th>Dollar</th> <th>Percentage</th>	Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
Minimum Chases: 462 \$7.08 \$3.267 462 \$8.50 \$3.923 \$855 56° Monthly 130 120 1,178 130 10.90 1,417 229 1 Honthly 140 129 1,787 140 10.90 1,417 229 1 Honthly 22 22,33 4,957 222 28.80 5,950 1993 2 Monthly 22 23,371 31,664 29 72,00 1,859 1933 3 Monthly 62 98,15 6,085 26 72,00 1,859 33,67 4 Monthly 8 192,93 1,543 8 220,00 1,856 1,231 6 Monthly 0 85,217 0 0 62 1,231 1,231 6 Monthly 0 85,217 0 0 62 7,316 1,231 10 Monthly 0 62,613 \$3,959 247,941 62,613 \$3,1200 0 0 0		Other Public Au	thority:	(July Gal)	Kate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Stoff Monthly 482 \$7.08 \$3.267 482 \$85.05 \$3.923 \$856 3/4" Monthly 140 120 \$2.00 \$3.267 442 \$85.0 \$3.923 \$856 1" Monthly 222 223 4.957 244 5.727 445 5.40 5.868 1,141 1-1/2" Monthly 222 233 4.957 222 25.80 5.950 5.950 983 2" Monthly 26 0.024 1.568 22 118.00 7.30 5.950 983 4" Monthly 62 98.15 6.085 62 118.00 7.36 306 4376 4" Monthly 0 98.15 6.085 62 118.00 7.36 3313 1231 127 306 62 118.00 7.36 313 1231 127 306 62 118.00 7.36 313 313 313 313 313 313 313 313 313 313 <		Minimum Charge										
1*Monthly 130 9.6 1,178 130 1500 1,477 233 1.40mthly 222 23.33 1,497 2446 25.23		5/8" Monthly			\$7.08	\$3,267	462		\$8.50	\$3,923	\$656	20.08%
Thornthy 446 124 124 154		3/4" Monthly	130		9.06	1,178	130		10.90	1.417	239	20.29%
2" Monthly 222 22,33 4,857 222 26,80 5,850 933 22" Monthly 939 33,71 31,654 939 40,50 38,030 6,376 32" Monthly 28 60,24 1,586 26 72,00 1,872 30,6 4" Monthly 62 98,15 6,085 62 118,00 7,316 1,231 6" Monthly 0 80,15 520,92 0 0 88,00 1,656 313 313 6" Monthly 0 859,27 0 0 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 1,035,00 0 0 0 12" Monthly 0 859,27 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1" Monthly	446		12.84	5,727	446		15.40	6,868	1.141	19.92%
2" Monthly 283 337, 31,654 939 40,50 36,376 3" Monthly 26 60,24 1,566 26 26 72,00 36,376 4" Monthly 62 98,15 6,085 62 118,000 7,1872 30,66 128 31,543 8 222,00 7,365 1231 8" Monthly 0 306,65 1,643 8 222,00 1,656 313 8" Monthly 0 520,92 0 0 0 222,00 0 0 0 12 Monthly 0 520,92 0 0 0 520,92 0 0 0 12 Monthly 0 520,92 0 0 0 520,92 0 0 0 12 Monthly 0 520,92 0 0 0 1,032,00 0 0 0 12 Monthly 0 530,837 2,2143 207,391 93,637 3,1200 196,353 (52,588) 11 Monthly 0 30,657 2,2143 207,391 93,637 3,1200 196,353 (52,588) 11 Monthly 0 30,637 2,2143 207,391 93,637 3,1200 196,353 (52,588) 11 Monthly 0 30,637 2,2143 207,391 93,637 3,1200 196,353 (52,588) 11 Monthly 0 30,637 2,2143 207,391 93,637 3,1200 196,353 (52,588) 11 Monthly 0 30,637 2,2143 207,391 93,637 2,2143 207,391 93,637 2,2143 207,391 93,637 2,2143 207,391 93,637 2,2143 207,391 93,637 2,2143 207,391 93,637 2,2143 207,391 93,637 2,2143 207,391 2,2143 207,391 20,2147 2,880 124,551 50,512 4,965 2,661	7	1-1/2" Monthly	222		22.33	4,957	222		26.80	5.950	993	20.03%
2° Monthly (a) (a) (a) (a) (a) (a) (a) (a) (a) (a)		2" Monthly	939		33.71	31,654	939		40.50	38.030	6.376	20.14%
4" Monthly or Monthly or Property tax Surcharge 62 98.15 6.085 62 118.00 7.316 1.231 2.232 313 32 313 32 313 32 313 32 313 32 313 32 313 32 313 32 313 32 313 32 313 32 313 32 313 32 313 32 313 32 313 32 313 32 313 32 3		3" Monthly	26		60.24	1.566	26		7000	1 872	306	10.54%
6" Monthly of Output of Phonthly of Output of Phonthly of Output of Phonthly of Output of Outpu		4" Monthly	62 62		98.15	6.085	63 E		118.00	7.316	1 231	20.23%
er Monthly 0 306.65 0 0 368.00 0 368.00 0 0 236.00 0 <th< td=""><td></td><td>6" Monthly</td><td>&</td><td></td><td>192.93</td><td>1,543</td><td>တ</td><td></td><td>232.00</td><td>1.856</td><td>313</td><td>20.29%</td></th<>		6" Monthly	&		192.93	1,543	တ		232.00	1.856	313	20.29%
10° Monthly 0 520.92 0 0 625.00 0 0 1.032.00 0 0 0 12° Monthly 0 859.27 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		8" Monthly	0		306.65	0	0 (368.00	000;	0 0	0.00%
Volumetric Charges: 62,613 \$3,9599 247,941 62,613 \$3,1200 195,353 (52,588) -1 First Block 62,613 \$3,9599 247,941 62,613 \$3,1200 195,353 (52,588) -2 Seond Block 93,637 2,2148 207,391 93,637 31,200 292,147 94,756 -4 Fourth Block 32,525 1,1528 37,495 43,247 2,8800 124,551 50,512 -4 FAL's and Credits 2,861 4,965 2,661 35,525 2,0700 67,327 29,832 -1 Reconcile to Books 232,022 0,1393 32,321 232,022 0,000 0 (32,321) -10 Total 234,683 8560,129 234,683 8560,129 323,625 0,000 0 (32,321) -10		10" Monthly	0		520.92	0	0 (625.00	.	> (0.00%
Volumetric Charges: 62,613 \$3,959 247,941 62,613 \$3,1200 195,353 (52,588) -18,756 Second Block 93,637 2,2148 207,391 93,637 3,1200 292,147 94,756 -17,767 -17,766 -17,767 -17,766 -17,767 -17,766 -17,767 -17,766 -17,767 -17,766 -17,767 -17,766 -17,767 -17,766		12" Monthly	0		859.27	0	0 (1 032 00	o (-	0.00%
Volumetric Charges: 62,613 \$3,959 247,941 62,613 \$3,1200 195,353 (52,588) - Second Block 93,637 2,2148 207,391 93,637 3,1200 195,353 (52,588) - Third Block 43,247 1,7120 74,039 43,247 2,800 124,551 50,512 FAL's and Credits 2,661 4,965 32,525 2,0700 67,327 29,832 Factorial to Books 232,022 0.1393 32,321 232,022 0.0000 0 (32,321) -1 Total 234,683 8660,129 234,683 8752,513 \$92,384 -1												
First Block Second Block Second Block Second Block Second Block Second Block Second Block Second Block Second Block Second Block Second Block Second Block Second Block Second Block Second		Volumetric Charo	Jes:									
Second Block 93,637 2,2148 207,391 93,637 3,1200 292,147 84,756 Third Block 43,247 1,7120 74,039 43,247 2,8800 124,551 50,512 FAL's and Creditis 2,661 1,1528 37,495 2,255 2,0700 67,327 29,832 Reconcile to Books 232,022 0,1393 32,321 232,022 0,0000 0 32,321) -1 Total 234,683 8560,129 234,683 8752,513 892,384 -1		First Block		62,613	\$3.9599	247.941		62.613	\$3.1200	195 353	(52 588)	-21 21%
Third Block 43,247 1.7120 74,039 43,247 2.8800 124,551 50,512 Fourth Block 32,525 1.1528 37,495 32,525 2.0700 67,327 29,332 FAL's and Credits 2,661 4,965 2,661 50,512 29,332 Reconcile to Books Property tax Surcharge 232,022 0.1393 32,321 234,683 32,321 234,683 32,321 32,321 32,681 32,321		Second Block		93,637	2.2148	207.391		93,637	3 1200	292 147	84 756	40.87%
Fourth Block FAL's and Credits Reconcile to Books Property tax Surcharge 232,022 Total 234,683 37,495 4,965 2,661 232,022 232,022 232,022 234,683 32,525 2,0700 67,327 29,832		Third Block		43,247	1.7120	74,039		43.247	2.8800	124.551	50.512	68.22%
FAL's and Credits 2,661 4,965 2,661 5,903 938 Reconcile to Books 232,022 0.1393 32,321 232,022 0.0000 0 (32,321) -1 Total 234,683 \$660,129 234,683 \$752,513 \$92,384		Fourth Block		32,525	1.1528	37,495		32,525	2.0700	67.327	29.832	79.56%
Reconcile to Books Property tax Surcharge 232,022 0.1393 32,321 232,022 0.0000 0 (32,321) -1 Total 234,683 \$660,129 234,683 \$752,513 \$92,384		FAL's and Credits	S	2,661		4,965		2.661	!	5.903	938	18.90%
Property tax Surcharge 232,022 0.1393 32,321 232,022 0.0000 0 (32,321) -1 Total 234,683 8660,129 234,683 8752,513 \$92,384		Reconcile to Boo	ŔS					ļ				
Property tax Surcharge 232,022 0.1393 32,321 232,022 0.0000 0 (32,321) -1 Total 234,683 \$660,129 234,683 \$752,513 \$92,384												
Property tax Surcharge 232,022 0.1393 32,321 232,022 0.0000 0 (32,321) -1 Total 234,683 \$660,129 234,683 \$752,513 \$92,384 \$92,384 \$23,022 \$32,022	25											
Total 234,683 \$660,129 234,683 \$752,513 \$92,384		Property tax Surc	charge	232,022	0.1393	32,321		232,022	0.0000	0	(32,321)	-100.00%
1 otal 234,683 \$660,129 234,683 \$752,513 \$92,384												
		Total		234,683		\$660,129		234,683		\$752,513	\$92,384	13.99%
31 32 33 34 35 36 37	3 6											
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Missourt Public Service Commission Case May Missourt Foot Company Miss					12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	12 Month Test Period Ended December 31, 2002				
Customer Present Pro Forms Rates Proposed Pro Forms Rates Customer	Missou	ri Public Servic ny: Missouri-Ar	e Commissio nerican Wate	n r Company					-		Case No. Schedu	. WR-2003-XXX le CAS-14-SJO
Class Customer Description Mathem Salies Billings Current Total Revenue Customer Description Proposed Total Billings Customer Proposed Total Billings Color Proposed Total Dollar Proposed Total Billings Customer Proposed Total Dollar Proposed Total D				Present Pro F	orma Rates			Prop	osed Pro Form	a Rates		rage 3 01 /
Other Water Utilities: Current Rate Revenue Billings (VOO Ga) Rate Revenue Billings (VOO Ga) Rate Proposed Total Dollar Dollar Per Change Minimum Clearing. 2 56" Northity 2 9.06 \$14 2 \$3.34" Northity 0 9.06 9.06 0 10.00 10.00 0 12.40 0 0 11.24 0 0 11.24 0 0 11.40 0 0 11.40 0 0 11.40 0 0 11.40 0 0 11.40 0 <td< th=""><th>Line #</th><th>Class/</th><th>Customer</th><th>) -la</th><th>)</th><th>1</th><th>Customer</th><th>, - </th><th></th><th></th><th>i -</th><th></th></td<>	Line #	Class/	Customer) -la)	1	Customer	, - 			i -	
Minimum Citanes 57.08 \$14 2 \$8.50 \$17 \$33 Minimum Citanes 2 \$7.08 \$14 2 \$8.50 \$17 \$3 36t" Monthly 0 12.24 0 0 10.30 0 0 10.30 0 0 10.40 0 0 10.40 0 0 0 10.40 0	_	1000	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenile	Change	Change
Ser Monthly 2 \$7.08 \$14 2 \$85.00 \$17 \$33.41 2 \$85.00 \$17 \$13.00 0 0 10.90 0 0 10.90 0 0 0 10.90 0		Other Water Util	#.				9	()			90	
Scir Monthly 2 \$1,000 \$14 2 \$3.05 \$17 \$3.34" Monthly 0 12,24 0 0 10,90 \$17 \$4.35" Monthly 0 12,24 0 0 10,90 115,40 0 0 115,40 0 0 115,40 0 0 115,40 0 0 115,40 0 0 115,40 0 0 0 0 12,40 0		Minimum Charge	1									-
11 Monthly 0 12,84 0 0 0 10,90 0 0 11,407 0 0 12,84 0 0 0 11,540 0 0 0 11,407 10 0 22,33 4,00 0 0 11,540 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5/8" Monthly	2		\$7.08	\$14	2		\$8.50	\$17	\$ 3	21.43%
Trice Monthly 0 12.24 0 0 0 15.40 0 0 1.1.27 Monthly 132 22.33 1 0 0 22.80 1 1.2.4 0 0 0 0 1.1.27 Monthly 132 33.71 4.450 132 40.50 5.346 896 37 Monthly 60 60.44 60 1 132 40.50 5.346 896 38 1.2.20 1		3/4" Monthly	0		9.06	0	0		10.90	0	0	0.00%
2. Monthly 10 22.3.3 4.0 0 0 2. Monthly 132 43.71 4.450 132 40.50 5.346 89.6 2.2 3.3 4.0 132 40.50 5.346 89.6 2.2 3.3 4.0 132 40.50 5.346 89.6 2.2 3.3 4.0 132 40.50 5.346 89.6 2.2 3.3 4.0 132 40.50 5.346 89.6 2.2 3.3 4.0 10 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2		1" Monthly	0		12.84	0	0		15.40	0	0	0.00%
2" Monthly 132 33.71 4,450 132 40.50 5346 896 21 40.60 115.00 7.000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1		1-1/2" Monthly	0		22.33	0	0		26.80	0	0	0.00%
3" Monthly 0 80.24 0 0 72.00 0 0 4 Monthly 60 80.24 0 0 72.00 0 0 1.91 4 Monthly 60 80.24 0 80.24 36 232.00 8.352 1.407 8" Monthly 12 306.65 3.860 12 323.00 8.352 1.407 12 12 306.65 3.860 12 383.00 4.416 736 10" Monthly 0 852.92 0 0 0 625.00 0 0 12" Monthly 0 859.27 0 0 0 10" Monthly 0 859.27 0 0 0 10" Monthly 0 12" Monthly 0 859.27 0 0 0 10" Monthly 0 12" Monthly 0 10" Monthly		2" Monthly	132		33.71	4,450	132		40.50	5,346	896	20.13%
4" Monthly 60 98.15 5.889 60 118.00 7.080 11.91 6" Monthly 12 306.65 3.680 12 368.00 4.46 7.38 10" Monthly 0 520.92 0 0 652.00 368.00 4.46 736 Volumefric Charges: 10,416 \$5.092 0 0 0 625.00 0 0 0 Volumefric Charges: 10,416 \$5.6257 69.024 10,416 \$3.1200 32,488 (36,526) First Block 237,448 2,8649 690,285 171,110 3,1220 533,863 (101,349) Fourth Block 285,865 1,9292 560,951 285,885 2,0800 683,860 35.85 Fourth Block 285,865 1,9292 560,951 285,885 2,0800 683,860 3,585 FAL's and Credits 0 0 285,865 1,9292 560,951 265,885 2,000 591,161 40,210 Property tax Surcharge 704,559 0.1393 98,145 704,559 0.000 0 (88,145) -1 Total 704,559 3,2654,575 704,559 704,559 81,866,583 (8197,992)		3" Monthly	0		60.24	0	0		72.00	0	0	0.00%
8° Monthly 12 306.52 6,945 12 36.00 12 306.00 12 10° Monthly 12 306.55 3,680 12 368.00 4,416 736 10° Monthly 12 306.55 3,680 12 368.00 4,416 736 10° Monthly 0 859.27 0 0 0 655.00 4 0 0 12° 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 12° Monthly 0 859.27 0 0 0 1,032.00 0 0 0 0 1,032.00 0 0 0 0 12° Monthly 0 3,172.3 635.212 171,110 3,120.0 32,498 (30.526) 171,110 3,172.3 635.212 171,110 3,120.0 32,498 (30.526) 174,15 3,120.0 32,498 (30.526) 174,110 3,120.0 32,498 (30.526) 17		4" Monthly	60		98.15	5,889	60		118.00	7,080	1,191	20.22%
Volumetric Charges: 10,416 \$6,026 3,090 12 385,00 4,418 736 365,00 4,418 736 365,00 4,418 736 365,00 4,418 736 365,00 4,418 736 365,00 4,418 736 365,00 4,418 736 372 365,00 4,418 736 372 365,00 4,418 736 372 365,00 4,418 736 372 <		o" Monthly	. 3 3		192.93	6,945	36		232.00	8,352	1,407	20.26%
Volumetric Charges: 10,416 \$5,6257 69,024 10,416 \$3,1200 32,498 (36,526) 4.5550 10,416 \$3,1200 32,498 (36,526) 4.5550 4.5550 1.9282 550,951 237,448 2.8600 683,850 3,585 4.9282 550,951 285,585 2.9700 591,161 40,210 59,145 40,210 59,145 40,210 60		10" Monthly	i c		500.00 00.00	0,000	ă c		63F.00	4,416	/36	20.00%
Volumetric Charges: 10,416 \$5,6267 69,024 10,416 \$3,1200 32,498 (36,526) -18,526 First Block 171,110 3,7125 63,2212 111,110 3,1200 32,498 (36,526) -18,526 Third Block 237,448 2,8649 680,265 237,448 2,8800 683,850 3,585 -19,585 Fourth Block 285,585 1,9292 550,951 285,585 2,0700 591,161 40,210 64,210 <t< td=""><td></td><td>12" Monthly</td><td>0 (</td><td></td><td>859.27</td><td>0 0</td><td>o 0</td><td></td><td>1 032 00</td><td>- -</td><td>-</td><td>0.00%</td></t<>		12" Monthly	0 (859.27	0 0	o 0		1 032 00	- -	-	0.00%
Volumetric Charges: 10,416 \$6,8287 69,024 10,416 \$3,1200 32,498 (36,526) 4,5260 4,210 4,210 4,210 4,210 4,210 6,210 <		,				,				(ć	
First Block Second Block 10,416 \$6,6267 69,024 10,416 \$3,1200 32,498 (36,526) 471,110 3,7123 635,212 171,110 3,1200 533,863 (101,349) 471,110 Block 237,448 2,8649 69,265 237,448 2,8800 683,850 43,585 Fourth Block Credits 0 Books 0 1,9292 550,951 285,585 2,0700 591,161 40,210 Reconcile to Books 0 704,559 0.1393 98,145 704,559 0.0000 0 (98,145) -10 Total 0 704,559 32,054,575 704,559 704,559 32,054,575 704,575		Volumetric Charc	les:									
Second Block 171,110 3,7123 635,212 171,110 3,1200 533,863 (101,349) -1 Third Block 287,448 2,8649 680,285 297,448 2,8900 683,860 3,865 -1 FAL's and Credits 0 0 285,585 2,0700 591,161 40,210 -1 Reconcile to Books 704,559 0.1393 98,145 704,559 0.0000 0 (98,145) -10 Total 704,559 32,054,575 704,559 0.0000 0 (\$187,992) -10		First Block		10,416	\$6.6267	69,024		10.416	\$ 3.1200	32.498	(36.526)	-52.92%
Third Block 237,448 2.8649 680,265 237,448 2.8800 683,850 3,585 Fourth Block 285,885 1.9292 550,951 285,585 2.0700 591,161 40,210 Property tax Surcharge 704,559 0.1393 98,145 704,559 0.0000 0 (98,145) -10 Total 704,559 3.000		Second Block		171,110	3.7123	635,212		171,110	3.1200	533.863	(101,349)	-15.96%
Fourth Block PAL's and Credits 0 1.9292 550,951 285,585 2.0700 591,161 40,210 Reconcile to Books 0 0 0 (98,145) -10 Property tax Surcharge 704,559 32,054,575 704,559 51,866,583 (\$187,992) -10 Total 704,559 32,054,575 704,559 51,866,583 (\$187,992) -10		Third Block		237,448	2.8649	680,265		237,448	2.8800	683,850	3,585	0.53%
FAL's and Credits 0		Fourth Block		285,585	1.9292	550,951		285,585	2.0700	591,161	40,210	7.30%
Reconcile to Books 704,559 0.1393 98,145 704,559 0.0000 0 (98,145) -1 Total 704,559 \$2,054,575 704,559 \$1,866,583 (\$187,992)		FAL's and Credit	S	0		0		0		0	0	0.00%
Property tax Surcharge 704,559 0.1393 98,145 704,559 0.0000 0 (98,145) -1 Total 704,559 \$2,054,575 704,559 \$1,866,583 (\$187,992)		Reconcile to Boo	ks								,	1
Property tax Surcharge 704,559 0.1393 98,145 704,559 0.0000 0 (98,145) -1 Total 704,559 \$2,054,575 704,559 \$1,866,583 (\$187,992) (\$187,992)	24											
Property tax Surcharge 704,559 0.1393 98,145 704,559 0.0000 0 (98,145) -1 Total 704,559 \$2,054,575 704,559 \$1,866,583 (\$187,992) (\$187,992) —												
Total 704,559 \$2,054,575 704,559 \$1,866,583 (\$187,992)		roperty tax Surc	harge	704,559	0.1393	98,145		704,559	0.0000	0	(98,145)	-100.00%
104,559 \$1,866,583 (\$187,992)				704 550		9001			ı			
30 31 32 33 34 35 36 37 38		יכומו		704,558	н	\$Z,U34,373		704,559	н	\$1,866,583	(\$187,992)	-9.15%
3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9	3 (
32 33 34 35 36 37 38 39	သ											
33 34 35 36 37 37 38 39	32											
34 35 36 37 37 38 39	33											
35 36 37 37 38 39	34											
36 37 38 39 40	35											
37 38 39 40	36											
38 39 40	37											
39 40	38											
40	3											
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		1.		12 12	12 Month Test Period Ended December 31, 2002	iod Ended Dece	ates vs Propo	2 Kates			
Compa	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-SJO
DISTRIC	District: St. Joseph		Present Pro Forms Pates	orma Pates				Daniel Dra Carre			Page 6 of 7
Line #	Class/	Customer	•)	-	Customer		Toposed FIO Follia Nates	a Naico		
_	יים ליים ליים ליים ליים ליים ליים ליים	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	l otal Revenue	Dollar Change	Percentage Change
» N	Miscellaneous:										g
	5/8" Monthly			\$7 08	\$	5		e 0 70	5	3	0 000
	3/4" Monthly	0 (90.6	o 6	5 0		10.00	o 6	o 6	0.00%
တ	1" Monthly	0		12.84	0 (0 (15.40	0 0	o c	0.00%
	1-1/2" Monthly	0		22.33	0	0		26.80	0 (o (0.00%
	2" Monthly	0		33.71	0	0		40.50	0 (0 (0.00%
	3" Monthly	0		60.24	0	0		72.00	0	o (0.00%
	4" Monthly	0		98.15	0	0		118.00	0 (0 (0.00%
3 =	6" Monthly	0		192.93	0	0		232.00	0	0	0.00%
	10" Monthly	0 0		520.92	> c	-		635 00	o c	o c	0.00%
	12" Monthly	0		859.27	0 (0 (1.032.00	-	- 0	0.00%
5 5						ı			•	(0.00
	Volumetric Charges:	es:									
	First Block	İ	0	\$0.0000	0		0	\$0.0000	0	0	0.00%
	Second Block		0	0.0000	0		0	0.0000	0	0 (0.00%
	Third Block		0	0.0000	0		0	0.0000	0	0	0.00%
2 2	Fourth Block FAL's and Credits	,	1 541	0.0000	0 4 273			0.0000	0	00	0.00%
	Reconcile to Books	Ś	;		: !		,0		, ř.	>	0.00%
	Total		1,541	1	\$4,273		1.541		\$4.273	\$0	0.00%
25				81							0:00
27											
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3 29											
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ب 4 م											
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lissand Bublis Carries Commi) 1 1 1	12	12 Month Test Period Ended December 31, 2002	ded December 31, 200			
Missouri Fublic Service Commission Company: Missouri-American Water Company District: St. Joseph	Ssion Vater Company					Case No. WR-2003-XXX Schedule CAS-14-SJO	Schedule CAS-14-SJO
		Present Rates	Rates	Proposed Rates	d Rates		rage / or /
Line # Connection Size	Number	Annual	Total	Annual	Total	Dollar	Percentage
Private Fire Service:	Connections	Rate	Revenue	Rate	Revenue	Change	Change
4 Private Fire Hydrant	63	\$459.96	\$28,977	459.96	\$28,977	\$ 0	
6 2"	4	66.00	264	66.00	264	0	
၀ ထ - ယူ	_	113.28	113	113.28	113	0	
10 4"	61	179.76	10,965	179.76	10,965	0	
13 Og	121	368.64	44,605	368.64	44,605	0	
14 8"	77	634.20	48,833	634.20	48,833	0	
16 10" 17	10	974.88	9,749	974.88	9,749	0	
18 12" 19	æ	1,390.08	11,121	1,390.08	11,121	0 ′	
20 FAL's and Credits			1,040		1,040	0	
2-1 22 Total 23 24 24 25	345	W 1	\$155,667		\$155,667	\$0	
26 Public Fire Protection:							
27 28 Public Fire Hydrants 29 30 31 31 31 32 33 33 34 35 36 37	2,888	0.00	0	292.80	845,606	845,606	

Missouri Public Service Commission				עע פחחר שואו בוא בבביר
Company: Missouri-American Water Company District: St. Louis	Water Company			Case No. WR-2003-XXX Schedule CAS-2-STL Page 1 of 1
Line No.				
υ 4 π	Description	Schedule	Amount	
7 6 6	Rate Base	CAS-3-STL	\$309,427,796	
ο ω -	Operating Income at Present Rates	CAS-8-STL	16,719,904	
1100	Earned Rate of return		5.40%	
13 12 3	Requested Rate of Return	Grubb Testimony	8.30%	
1 1 c	Required Operating Income		25,682,507	
16	Operating Income Deficency		8,962,603	
10 10 1	Gross Revenue Conversion Factor		1.63502	
20 2	Revenue Deficiency		14,654,035	
22 23	Adjusted Operating Revenues	CAS-8-STL	117,561,461	
24 25 25 26 27	Total Revenue Requirement		\$132,215,496	
37 88 84 84 83 84 84 84 84 84 84 84 84 84 84 84 84 84	Gross Revenue Conversion Factor Revenue Uncollectibles PSC Assessment Before Tax Amount State Income Taxes Federal Income Taxes Total Taxes and Expenses Net Amount \$ 1.7336%	\$1,000.000 7.306 0.000 992.694 51.752 329.330 388.388 \$611.612		
38	Conversion Factor	1.63502		

			Rate Base Summary Test Year Ended December 31, 2002	. 2002	
Misso Comp Distric	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Louis				Case No. WR-2003-XXX Schedule CAS-3-STL Page 1 of 1
Line #					
. w N -	Rate Base Component	Supporting Reference	Per Books <u>12/31/02</u>	Adjustments	Pro Forma Rate Base
4 ru c	Utility Plant in Service	CAS-4-STL	\$620,777,338	\$28,348,755	\$649,126,093
70	Accumulated Provision for Depreciation	CAS-5-STL	(189,388,413)	(12,616,514)	(202,004,927)
င္ပဲ ဖ	Accumulated Amortization	W/P's	0	0	0
3 = 5	Utility Plant Acquisition Adjustments	W/P's	6,633,337	711,656	7,344,993
2 6 4	Net Utility Plant		438,022,262	16,443,897	454,466,159
15 16 17 18 19 20 21 22	Less: Customer Advances Contributions in Aid of Construction Accumulated Deferred ITC (3%) Deferred Income Taxes Pension Liability	CAS-6-STL CAS-6-STL W/P's W/P's	47,815,792 70,182,659 0 29,051,437 3,599,204	4,130,370 (587,022) 0 462,651 3,492,409	51,946,162 69,595,637 0 29,514,088 7,091,613
25 25	Subtotal		150,649,092	7,498,408	158,147,500
23 23 23 24 25 26 27 27 28 27 28 27 28 27 28 28 28 28 28 28 28 28 28 28 28 28 28	Add: Cash Working Capital Materials and Supplies Prepayments OPEB's Contributed to External Fund Premature Retirement Regulatory Deferrals	CAS-7-STL W/P's W/P's W/P's W/P's	7,313,000 2,295,953 390,340 0 0 2,547,179	562,665	7,313,000 2,295,953 390,340 0 0 3,109,844
2 22 24	Subtotal		12,546,472	562,665	13,109,137
37 38 40	Total Original Cost Rate Base		\$299,919,642	\$9,508,153	\$309,427,796

Line # 1	Missouri Public S Company: Missou District: St. Louis	
Account Description Intangible Plant Organization Franchise & Consents Miscellaneous Intangible Plant Studies Subtotal Source of Supply Plant Land & Land Rights Structures & Improvements Collection & Impound Resevoirs Lake, River, & Other Intakes Wells & Springs Supply Mains Subtotal Pumping Plant Pumping Plant Equipment Force Mains Steam Pumping Equipment Force Mains Steam Pumping Equipment Force Mains Steam Pumping Equipment Force Mains Iterative Equipment Force Mains Steam Pumping Equipment Force Mains Steam Pumping Equipment Force Mains Steam Pumping Equipment Force Treatment Equipment Electric Pumping Equipment Force Mains Steam	ervice Commission ıri-American Water Company	For the To
Per Books 12/31/02 \$80,332 0 0 80,332 62,283 5,854,795 0 0 5,851,713 11,768,791 224,588 7,691,686 0 27,724,557 1,585,789 0 27,724,557 1,585,789 0 27,724,557 1,585,789 0 37,558,774 1,279,228 38,350,904 40,942,524 25,610 80,598,266 3,983,700 4,915,192 11,958,770 0 1,259,101 227,684,153 154,969,588 404,770,504	Total Britain	Utility Plant in Service For the Test Year Ended December 31, 2002
Pro Forma Adjustments \$383,827 0 214,377 598,204 0 18,420 0 109,597 0 126,175 2,989,007 0 3,115,182 23,946 0 12,557,568 2,628,639 15,416,453	INC. OI BOOK	ce nber 31. 2002
Pro Forma <u>UPIS</u> \$464,159 0 214,377 678,536 62,283 5,873,215 0 0 5,851,713 11,787,211 284,588 7,801,282 0 272,155 0 277,24,557 1,585,789 0 27,724,557 1,585,789 0 37,668,371 1,279,228 38,477,079 43,931,531 25,610 83,713,448 4,007,646 4,915,192 12,165,070 0 1,259,101 240,241,721 157,598,227 420,186,957		
	Case No. WR-2003-XXX Schedule CAS-4-STL Page 1 of 2	

	Utility Plant in Service For the Test Year Ended December 31, 2002	
Missouri Public Service Commission	The state of the s	Case No. WR-2003-XXX
Company: Missouri-American Water Company		Schedule CAS-4-STL
District: St. Louis	- Application -	Page 2 of 2
Line #		
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345 346.1 346.2 346.3 347 348 349 390.1 390.1 390.1 391.2 391.2 391.2 391.2 391.2 391.2 392.11 392.12 392.12 392.12 392.12 392.12 392.3 393.3 395.3 396.3 397.2 398.3	345 346.1 346.2 346.3 347 348 349 390.1 390.1 390.1 391.2 391.2 391.2 391.2 391.2 391.2 391.2 392.11 392.12 392.12 392.12 392.12 392.2 393.3 395 396 397.2 398 398	Line #	Line # Acct No 2 3 344	Account Description Transmission & Distribution Plant Fire mains
346.7 Meters - Bronze Case 346.2 Meters - Plastic Case 346.3 Meter - Plastic Case 346.3 Meter Installation 348 Other Transmission & Distribution Plant 349 Other Transmission & Distribution Plant 349 Other Transmission & Distribution Plant 349 Other Transmission & Distribution Plant 340 Other Transmission & Distribution Plant 341 General Plant 342 General Plant 343 Stores Shops Equipment Structures 344 Office Structures - HVAC 345 General Structures - HVAC 346 Miscellaneous Structures 347 Computers & Peripheral Equipment 347 Computer Software 348 Office Furniture and Equipment 349 Computer Software 340.3 Miscellaneous Structures 341.2 Computer Software 341.3 Other Office Equipment - Light Trucks 342.2 Transportation Equipment - Cars 342.2 Transportation Equipment - Cars 342.2 Transportation Equipment - Other 340 Stores Equipment 341 Tools, Shop, & Garage Equipment 342 Communication Equipment 343 Communication Equipment 344 Communication Equipment 345 Communication Equipment 346 Meters - NAC 347 Miscellaneous Equipment 347 Communication Equipment 348 Meters 349 Communication Equipment 340 Communication Equipment 341 Communication Equipment 342 Communication Equipment 343 Communication Equipment 344 Communication Equipment 345 Communication Equipment 346 Communication Equipment 347 Communication Equipment 348 Miscellaneous Equipment 349 Communication Equipment 340 Communication Equipment 341 Communication Equipment 342 Communication Equipment 343 Communication Equipment 344 Communication Equipment 345 Communication Equipment 346 Communication Equipment 347 Communication Equipment 348 Communication Equipment 349 Communication Equipment 340 Communication Equipment 341 Communication Equipment 342 Communication Equipment 344 Communication Equipment 345 Communication Equipment 346 Communication Equipment 347 Communication Equipment 348 Communication Equipment 349 Communication Equipment 340 Communication Equipment 341 Communication Equipment 342 Communication Equipment 343 Communication Equipment 344 Communication Equi	346.1 Meters - Bronze Case 346.2 Meters - Plastic Case 346.3 Meters - Not Class By Type 347 Meter Installation 348 Hydrants 349 Other Transmission & Distribution Plant 349 Stores Shops Equipment Structures 390.1 Office Structures - HVAC 390.3 Office Furniture and Equipment 391.2 Computers & Peripheral Equipment 391.2 Computer Software 391.26 Personal Computer Software 391.27 Transportation Equipment - Light Trucks 392.2 Transportation Equipment - Cars 392.3 Transportation Equipment - Other 393 Tools, Shop, & Garage Equipment 196 Laboratory Equipment 197 Communication Equipment 198 Communication Equipment 199 Co	ω4ι	344 345	Fire mains Services
346.3 347 348 349 349 390.1 390.1 390.3 391.2 391.25 391.25 391.25 391.25 391.26 391.26 391.26 391.26 392.11 392.12 392.12 392.2 392.3 393.3 393.3 396.3 397.3 398.3 398.3 398.3	346.3 Meters - Not Class By Type 347 Meter Installation 348 Hydrants 349 Other Transmission & Distribution Plant Subtotal 389 Stores Shops Equipment Structures 390.1 Office Structures - HVAC 390.3 Miscellaneous Structures 391.2 Office Furniture and Equipment 391.2 Computers & Peripheral Equipment 391.2 Computer Software 391.26 Personal Computer Software 391.36 Other Office Equipment - Light Trucks 392.17 Transportation Equipment - Cars 392.2 Transportation Equipment - Cars 392.3 Stores Equipment 394 Tools, Shop, & Garage Equipment 1501, Shop, & Garage Equipment 1502, Shop, & Garage Equipment 1503, Shop, & Garage Equipment 1504, Shop, & Garage Equipment 1505, Shop, & Garage Equipment 1506, Shop, & Garage Equipment 1507, Shop, & Garage Equipment 1508, Shop, & Garage Equipment 1509, Shop, & Garage Equipment 1501, Shop, & Garage Equipment 1501, Shop, & Garage Equipment 1502, Shop, & Garage Equipment 1503, Shop, & Garage Equipment 1504, Shop, & Garage Equipment 1507, Shop, & Garage Equipment 1508, Shop, & Garage Equipment 1509, Shop, & Garage Equipment 1501, Shop, & Garage	တ ပ	346.1 346.2	Meters - Bronze Case Meters - Plastic Case
348 348 448 450 460 460 47 47 48 48 48 48 48 48 48 48 49 48 49 49 49 40 40 40 40 40 40 40 40 40 40 40 40 40	At Hydrants Other Transmission & Distribution Plant Subtotal General Plant General Land & Land Rights 390 Stores Shops Equipment Structures Office Structures Office Structures Office Furniture and Equipment General Structures Office Furniture and Equipment Computers & Peripheral Equipment Computer Software Personal Computer Software Other Office Equipment Computer Software Computer Software Other Office Equipment Transportation Equipment - Light Trucks Transportation Equipment - Cars Soz. 2 Transportation Equipment - Other Stores Equipment Tools, Shop, & Garage Equipment Laboratory Equipment Communication Equipment Tolephone Equipment Miscellaneous Equipment Miscellaneous Equipment Other Tangable Property Subtotal Total Plant in Service	8 7	346.3 347	Meters - Not Class By Type
Other Transmission & Distribution Plant Subtotal General Plant General Land & Land Rights Stores Shops Equipment Structures Office Structures General Structures Computers & Peripheral Equipment Computer Software Personal Computer Software Other Office Equipment Transportation Equipment - Light Trucks Transportation Equipment - Cars Soc.2 Transportation Equipment - Other Stores Equipment Communication Equipment Communication Equipment Tools, Shop, & Garage Equipment Communication Equipment Communication Equipment Telephone Equipment Miscellaneous Equipment Other Tangable Property Subtotal Total Plant in Service	Other Transmission & Distribution Plant Subtotal General Plant General Land & Land Rights 390 Stores Shops Equipment Structures 390.1 Office Structures 390.3 General Structures 391.2 General Structures 391.2 Office Furniture and Equipment 391.2 Computers & Peripheral Equipment 391.2 Computer Software 391.3 Other Office Equipment - Light Trucks 392.11 Transportation Equipment - Heavy Trucks 392.12 Transportation Equipment - Other 393 394 Tools, Shop, & Garage Equipment 395 397.2 Transportation Equipment 196 397.2 Tools, Shop, & Garage Equipment 197 198 398 399 Tools Shop Equipment Miscellaneous Equipment Miscellaneous Equipment Subtotal Total Plant in Service	တ (348 -	Hydrants
Subtotal General Plant General Land & Land Rights 390 Stores Shops Equipment Structures 390.1 Office Structures - HVAC 390.3 Miscellaneous Structures 391.2 Computers & Peripheral Equipment 391.25 Computer Software 391.3 Office Furniture and Equipment Computer Software 391.26 Personal Computer Software 391.27 Transportation Equipment - Light Trucks Transportation Equipment - Cars 392.2 Transportation Equipment - Other 392.3 Transportation Equipment - Other Stores Equipment 394 Tools, Shop, & Garage Equipment 195 Laboratory Equipment 196 Communication Equipment 197 Communication Equipment 198 Miscellaneous Equipment 198 Miscellaneous Equipment 199 Subtotal Total Plant in Service	Subtotal General Plant 389 General Land & Land Rights 390 Stores Shops Equipment Structures 390.1 Office Structures 390.3 Office Structures 391.2 General Structures 391.2 Office Furniture and Equipment Computers & Peripheral Equipment 391.25 Office Furniture and Equipment 391.26 Personal Computer Software 391.3 Other Office Equipment 392.11 Transportation Equipment - Light Trucks Transportation Equipment - Cars 392.2 Transportation Equipment - Cars 392.3 Transportation Equipment - Other 393 Tools, Shop, & Garage Equipment 396 Power Operated Equipment Communication Equipment 397 Telephone Equipment Miscellaneous Equipment Other Tangable Property Subtotal Total Plant in Service	6	349	Other Transmission & Distribution Plant
Stores Shops Equipment Structures 390.1 Office Structures - HVAC 390.3 Miscellaneous Structures 391.2 Office Furniture and Equipment 391.2 Computers & Peripheral Equipment 391.2 Computer Software 391.26 Personal Computer Software 391.1 Transportation Equipment - Light Trucks 392.1 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Other 393.3 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397 Communication Equipment 398 Miscellaneous Equipment 399 Telephone Equipment Miscellaneous Equipment Other Tangable Property Subtotal Total Plant in Service	General Land & Land Rights 390 Stores Shops Equipment Structures 390.1 Office Structures 390.3 Office Structures 391.2 General Structures 391.2 Office Furniture and Equipment Computers & Peripheral Equipment 291.25 Office Furniture and Equipment Computer Software 391.26 Office Furniture and Equipment Computer Software 391.27 Transportation Equipment - Light Trucks 392.11 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Other Stores Equipment 392.3 Transportation Equipment - Other Stores Equipment Tools, Shop, & Garage Equipment Laboratory Equipment Communication Equipment Communication Equipment Telephone Equipment Miscellaneous Equipment Other Tangable Property Subtotal Total Plant in Service	3 = 3		Subtotal
390.1 Office Structures 390.1 Office Structures - HVAC 390.3 General Structures - HVAC 390.3 Miscellaneous Structures 391.2 Office Furniture and Equipment 391.2.5 Computers & Peripheral Equipment 391.2.6 Personal Computer Software 391.3 Office Equipment 392.11 Transportation Equipment - Light Trucks 392.12 Transportation Equipment - Cars 392.2 Transportation Equipment - Other 393.3 Transportation Equipment - Other 394 Tools, Shop, & Garage Equipment 395 Power Operated Equipment 396 Power Operated Equipment 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	390. Stores Shops Equipment Structures 390.1 Office Structures - HVAC 390.3 General Structures - HVAC 390.3 Office Furniture and Equipment 391.2 Computers & Peripheral Equipment 391.26 Personal Computer Software 391.27 Computer Software 391.28 Other Office Equipment - Light Trucks 392.11 Transportation Equipment - Heavy Trucks 392.12 Transportation Equipment - Cars 392.3 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 195 Power Operated Equipment 196 Communication Equipment 197 Communication Equipment 198 Other Tangable Property 199 Subtotal 190 Total Plant in Service	3 7	389	General Land & Land Rights
390.1 Office Structures 390 General Structures - HVAC 390.3 Miscellaneous Structures 391.2 Office Furniture and Equipment 391.2 Computers & Peripheral Equipment 391.26 Personal Computer Software 391.3 Other Office Equipment - Light Trucks 392.11 Transportation Equipment - Light Trucks 392.2 Transportation Equipment - Cars 392.3 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 397 Communication Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	390.1 Office Structures 390.3 General Structures - HVAC 390.3 Miscellaneous Structures 391.2 Office Furniture and Equipment 391.25 Computers & Peripheral Equipment 391.26 Personal Computer Software 391.36 Other Office Equipment - Light Trucks 392.11 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Cars 392.3 Transportation Equipment - Other 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	14	390	Stores Shops Equipment Structures
390.3 Miscellaneous Structures 391 Office Furniture and Equipment 391.2 Computers & Peripheral Equipment 391.25 Computer Software 391.26 Personal Computer Software 391.3 Office Equipment - Light Trucks 392.11 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 397 Communication Equipment 398 Office Equipment 399 Other Tangable Property Subtotal Total Plant in Service	390.3 Miscellaneous Structures 391.2 Office Furniture and Equipment 391.2 Computers & Peripheral Equipment 391.26 Personal Computer Software 391.31 Transportation Equipment - Light Trucks 392.12 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Other 393.3 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Power Operated Equipment 396 Power Operated Equipment 397 Telephone Equipment 398 Miscellaneous Equipment 399 Telephone Equipment 399 Subtotal Total Plant in Service	à 5	390.1	Office Structures
Office Furniture and Equipment 391.2 Computers & Peripheral Equipment 391.25 Computer Software 391.26 Personal Computer Software 391.3 Other Office Equipment - Light Trucks 392.11 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Other 393.3 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Power Operated Equipment 397 Communication Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	Office Furniture and Equipment 391.2 391.2 Computers & Peripheral Equipment 391.26 Personal Computer Software 391.3 392.11 Transportation Equipment - Light Trucks 392.2 Transportation Equipment - Cars 392.3 Transportation Equipment - Other 394 Tools, Shop, & Garage Equipment 396 Power Operated Equipment 397.2 Telephone Equipment 398 Miscellaneous Equipment Other Tangable Property Subtotal Total Plant in Service	17 0	390.3	Miscellaneous Structures
391.2 Computers & Peripheral Equipment 391.25 Computer Software 391.26 Personal Computer Software 391.3 Other Office Equipment 392.11 Transportation Equipment - Light Trucks 392.12 Transportation Equipment - Cars 392.2 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397.2 Communication Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	391.2 Computers & Peripheral Equipment 391.26 Personal Computer Software 391.3 Other Office Equipment - Light Trucks 392.11 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Other 392.3 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Power Operated Equipment 397 Communication Equipment 398 Power Operated Equipment 398 Miscellaneous Equipment 399 Subtotal Total Plant in Service	1 8	391	Office Furniture and Equipment
391.25 Computer Software 391.26 Personal Computer Software 391.31 Other Office Equipment - Light Trucks 392.11 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Cars 392.3 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397.2 Communication Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	391.25 Computer Software 391.26 Personal Computer Software 391.3 Other Office Equipment - Light Trucks 392.11 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Cars 392.3 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Power Operated Equipment 397 Communication Equipment 398 Miscellaneous Equipment 399 Subtotal Total Plant in Service	3 6	391.2	Computers & Peripheral Equipment
391.3 Other Office Equipment 392.11 Transportation Equipment - Light Trucks 392.12 Transportation Equipment - Cars 392.3 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Communication Equipment 397 Communication Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	391.3 Other Office Equipment 392.11 Transportation Equipment - Light Trucks 392.12 Transportation Equipment - Cars 392.2 Transportation Equipment - Other 392.3 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397 Communication Equipment 398 Miscellaneous Equipment 398 Other Tangable Property Subtotal Total Plant in Service	22 6	391.25	Computer Software Personal Computer Software
392.11 Transportation Equipment - Light Trucks 392.12 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Cars 392.3 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	392.11 Transportation Equipment - Light Trucks 392.12 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Cars 392.3 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	23	391.3	Other Office Equipment
Transportation Equipment - Heavy Trucks 392.12 Transportation Equipment - Cars 392.2 Transportation Equipment - Other 392.3 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	392.12 Transportation Equipment - Heavy Trucks 392.2 Transportation Equipment - Cars 392.3 Transportation Equipment - Other 393 Stores Equipment Tools, Shop, & Garage Equipment 396 Power Operated Equipment 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	23	392.11	Transportation Equipment - Light Trucks
392.2 Iransportation Equipment - Cars 392.3 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	392.2 Iransportation Equipment - Cars 392.3 Transportation Equipment - Other 393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	24	392.12	Transportation Equipment - Heavy Trucks
393 Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	Stores Equipment 394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	S 6	302.Z	Transportation Equipment - Cars
Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipment 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	394 Tools, Shop, & Garage Equipment 395 Laboratory Equipment 396 Power Operated Equipemnt 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	27	393	Stores Equipment
395 Laboratory Equipment 396 Power Operated Equipemnt 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	395 Laboratory Equipment 396 Power Operated Equipemnt 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	28	394	Tools, Shop, & Garage Equipment
396 Power Operated Equipemnt 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	396 Power Operated Equipemnt 397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	29	395	Laboratory Equipment
397. Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	397 Communication Equipment (non telephone) 397.2 Telephone Equipment 398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	2 8	396	Power Operated Equipemnt
398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	398 Miscellaneous Equipment 399 Other Tangable Property Subtotal Total Plant in Service	ઝુ ડ્ડ	397 307 2	Communication Equipment (non telephone) Telephone Equipment
Other Tangable Property Subtotal Total Plant in Service	399 Other Tangable Property Subtotal Total Plant in Service	သ ျ	398	Miscellaneous Equipment
Subtotal —— Total Plant in Service <u>\$6</u>	Subtotal Total Plant in Service	34	399	Other Tangable Property
Total Plant in Service	Total Plant in Service	သ သ		Subtotal
	39	38		Total Plant in Service

Test Year Ended December 31, 2002	mulated Depreciation and Amor
1, 2002	mortization

# Acct No Intercent Water Company incit St. Louis # Acct No Intercella Water Company incit St. Louis # Acct No Intercella Plant	Miccouri	orthic Ser		est rear Elided December 31, 2002	2002		777 0000 MILL
Acct No	Company: District: S	Missouri t. Louis	-American Water Company			Ca	Schedule CAS-5-STL Page 1 of 2
Acct No Account Description 1231/02 Adjustments 301 Intendible Plant (\$6,721) \$0 302 Franchise & Consents (\$6,721) \$0 303 Miscellaneous Hangibles 0 0 303 Miscellaneous Hangibles 0 0 304 Subfold 0 0 305 Subclained & Improvements 2,139,900 170,446 512 Collection & Impound Reservoirs 2,590,113 190 312 Chief Intakes 0 0 313 Lake, River, & Other Intakes 2,590,113 10 314 Wells & Springs 2,590,113 10 315 Subply Mains 2,590,113 148,281 316 Supply Mains 2,590,113 148,281 317 Pumping Plant 2,590,113 148,281 318 Subtotal 1,013,277 21,820 319 Pumping Structures & Improvements 2,753,057 21,4820 310 1,442,81	Line #			Per Books	Pro Forma	Pro Forma	
Intendible Plant Organization		Acct No	Account Description	12/31/02	Adjustments	Reserve	
### Subtotal Consents Consent	ω Ν	301	Intangible Plant Organization	(46 791)	e i	(#6 704)	
Miscellaneous Infangible Plant Studies	4	302	Franchise & Consents	(#0, r -)	o 6	(\$0,721)	
Subtotal Subtotal Survival	ပ ာ .	303	Miscellaneous Intangible Plant Studies	0 0	0 0	o c	
Source of Supply Plant	თ		Subtotal	(6.721)	0	(6 721)	
310 Land & Land Rights 311 Structures & Improvements 312 Collection & Impound Reservoirs 313 Lake, River, & Other Intakes 314 Wells & Springs 315 Subtotal 316 Supply Mains 317 Pumping Plant 317 Pumping Structures & Improvements 318 Pumping Structures & Improvements 319 Pumping Structures & Improvements 320 Pumping Structures & Improvements 321 Pumping Structures & Improvements 322 Pumping Equipment 323 Force Mains 324 Seem Pumping Equipment 325 Electric Pumping Equipment 326 Diesel Pumping Equipment 327 Pump Equip Hydraulic 328 Distotal 329 Distotal 330 Water Treatment Land & land Rights 340 Water Treatment Equipment 351 Treatment Equipment 352 Force Mains 353 Water Treatment Equipment 354 Water Treatment Equipment 355 Force Mains 365 Force Mains 367 Value Company Company Company Company 377 Pump Equip Hydraulic 378 Distribution A Distribution Plant 379 Value Treatment Equipment 380 Water Treatment Equipment 381 Water Treatment Equipment 382 Water Treatment Equipment 383 Water Treatment Equipment 384 Transmission & Distribution Mains Conv 384 Transmission & Distribution Mains Conv 384 Transmission & Distribution Mains Conv 385 Transmission & Distribution Mains Conv 386 Transmission & Distribution Mains Conv 386 Transmission & Distribution Mains Conv 387 Force Mains 387 Force Mains 388 Main Mains 389 Main Mains 390 Mains 391	7		Source of Supply Plant			(5),=:/	
311 Structures & Improvements 312 Collection & Impound Reservoirs 313 Lake, River, & Other Intakes 314 Wells & Springs 315 Subotal 316 Supply Mains 317 Pumping Plant 317 Pumping Equipment 318 Pumping Structures & Improvements 319 Pumping Structures & Improvements 320 Pumping Equipment 321 Pumping Equipment 322 Pumping Equipment 323 Force Mains 324 Steam Pumping Equipment 325 Electric Pumping Equipment 326 Diesel Pumping Equipment 327 Pumping Equipment 328 Other Pumping Equipment 329 Diesel Pumping Equipment 320 Diesel Pumping Equipment 321 Pumping Equipment 322 Pumping Equipment 323 Subotal 324 Steam Pumping Equipment 325 Pumping Equipment 326 Diesel Pumping Equipment 327 Pump Equip Hydraulic 328 Other Pumping Equipment 329 Subotal 330 Water Treatment Structures & Improvements 331 Water Treatment Equipment - Filter Plant 332 Vater Treatment Equipment - Filter Plant 333 Water Treatment Equipment - Filter Plant 334 Vater Treatment Equipment - Filter Plant 346 Transmission & Distribution Mains Conv 347 Transmission & Distribution Mains Conv 343 Transmission & Distribution Mains Conv 343 Transmission & Distribution Mains Conv 343 Transmission & Distribution Mains Conv 343 Transmission & Distribution Mains Conv 343 Transmission & Distribution Mains Conv 343 Transmission & Distribution Mains Conv 343 Transmission & Distribution Mains Conv 343 Transmission & Distribution Mains Conv 344 Transmission & Distribution Mains Conv 345 Transmission & Distribution Mains Conv 346 Standaphes 347 Transmission & Distribution Mains Conv 348 Transmission & Distribution Mains Conv 349 Standaphes 340 Transmission & Distribution Mains Conv 341 Transmission & Distribution Mains Conv 342 Distribution Reservoirs & Standaphes 343 Transmission & Distribution Mains Conv 344 Transmission & Distribution Mains Conv 345 Standaphes 346 Standaphes 347 Standaphes 348 Transmission & Distribution Mains Conv 349 Standaphes 340 Standaphes 340 Standaphes 341 Standaphes 342 Standaphes 343 Standaphes 344 Standaphes 345 Standaphes 346 Standaphes 347 Standa	00	310	Land & Land Rights	0	0	0	
Collection & Impound Reservoirs 0	9	311	Structures & Improvements	2,139,900	170,446	2.310.346	
Subtotal Steam Pumping Equipment 1,002,917 1,156,886 1,278 1,181,827	10	312	Collection & Impound Resevoirs		0	0	
314 Wells & Springs 316 Supply Mains 317 Subbotal 318 Subbotal 320 Pumping Plant & Land Rights 321 Pumping Equipment 322 Pumping Equipment 323 Force Mains 324 Steam Pumping Equipment 325 Electric Pumping Equipment 326 Pumping Equipment 327 Pump Equip Hydraulic 328 Other Pumping Equipment 329 Other Pumping Equipment 330 Water Treatment Plant 331 Water Treatment Equipment 332 Water Treatment Equipment 333 Water Treatment Equipment 334 Water Treatment Equipment 335 Water Treatment Equipment 340 Transmission & Distribution Land 341 Transmission & Distribution Mains Conv 343.1 Transmission & Distribution Mains Conv 343.2 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.4 Transmission & Distribution Mains Conv 343.5 Transmission & Distribution Mains Conv 343.5 Transmission & Distribution Mains Conv 343.6 Transmission & Distribution Mains Conv 343.1 Transmission & Distribution Mains Conv 343.2 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.4 Transmission & Distribution Mains Conv 343.5 Transmission & Distribution Mains Conv 343.6 Transmission & Distribution Mains Conv 343.1 Transmission & Distribution Mains Conv 343.2 Transmission & Distribution Mains Conv 343.3 Transmission & Distribution Mains Conv 343.4 Transmission & Distribution Mains Conv 343.5 Transmission & Distribution Mains Conv 343.6 Transmission & Distribution Mains Conv 344.7 Transmission & Distribution Mains Conv 345.1 Transmission & Distribution	1	313	Lake, River, & Other Intakes	0	0	0 (
Subply Mains Subtotal Subtotal Plant Subtotal Plant Subtotal Plant Plant Plant Plant Plant Plant Subtotal Plant	12	314	Wells & Springs	0	0	0	
Subtotal Pumping Land & Land Rights 2,753,057 Pumping Structures & Improvements 2,753,057 Steam Pumping Equipment 2,318,014 Steam Pumping Equipment 1,318,014 Steam Pumping Equipment 1,002,917 Subtotal 1,002,917 Treatment Equipment 1,002,917 Subtotal 1,002,917 Treatment Equipment 1,002,917 Subtotal 1,002,917 Treatment Equipment 1,002,917 Subtotal 1,002,917 Treatment Plant 1,002,917 Water Treatment Equipment 1,002,917 Subtotal 1,002,917 Treatment Plant 1,002,917 Water Treatment Equipment 1,002,917 Subtotal 1,002,917 1,002,917 Treatment Equipment 1,002,917 Subtotal 1,002,917 1,002,917 Treatment Equipment 1,002,917 Subtotal 1,003,917 1,003,527 Transmission & Distribution Plant 1,973,383 Transmission & Distribution Mains Conv 1,973,666 Transmission & Distribution Mains Conv 1,973,000 Transmission & Distribution Mains Conv 1,972,009 Transmission & Distribution Mains Conv 972,009 Transmission & Distribution Mains Conv 1,002,000	13	316	Supply Mains	2,550,113	148,281	2.698.394	
Authorities Fallit Company Com	î 14		Subtotal	4,690,013	318,727	5,008,740	
321 Pumping Structures & Improvements 322 Pumping Structures & Improvements 323 Force Mains 324 Steam Pumping Equipment 325 Electric Pumping Equipment 326 Diesel Pumping Equipment 327 Pumping Equipment 328 Other Pumping Equipment 329 Subtotal 330 Water Treatment Land & land Rights 331 Water Treatment Structures & Improvements 332 Water Treatment Equipment 333 Water Treatment Equipment 340 Transmission & Distribution Plant 341 Transmission & Distribution Structures & Improvements 342 Distribution Reservoirs & Standpipes 343 Transmission & Distribution Mains < 4" 343 Transmission & Distribution Mains < 4" 344 Transmission & Distribution Mains < 4" 345,595 347 Transmission & Distribution Mains < 6" 348 Standpipes 349 Transmission & Distribution Mains < 6" 349 Standpipes 340 Transmission & Distribution Mains < 6" 341 Transmission & Distribution Mains < 6" 342 Standpipes 343 Transmission & Distribution Mains < 6" 343 Transmission & Distribution Mains < 6" 344 Standpipes 345 Transmission & Distribution Mains < 6" 346 Standpipes 347 Standpipes 348 Standpipes 348 Transmission & Distribution Mains < 6" 348 Standpipes 349 Standpipes 340 Standpipes 340 Standpipes 341 Transmission & Distribution Mains < 6" 342 Standpipes 343 Transmission & Distribution Mains < 6" 344 Standpipes 345 Standpipes 346 Standpipes 347 Standpipes 348 Standpipes 348 Standpipes 349 Standpipes 349 Standpipes 340 Standpipes 341 Standpipes 342 Standpipes 343 Standpipes 344 Standpipes 345 Standpipes 346 Standpipes 347 Standpipes 348 Standpipes 349 Standpipes 349 Standpipes 340 Standpipes 341 Standpipes 342 Standpipes 343 Standpipes 344 Standpipes 345 Standpipes 346 Standpipes 347 Standpipes 348 Standpipes 349 Standpipes 349 Standpipes 349 Standpipes 349 Standpipes 340 Standpipes 340 Standpipes 341 Standpipes 342 Standpipes 343 Standpipes 344 Standpipes 345 Standpipes 346 Standpipes 347 Standpipes 348 Standpipes 349 Standpipes 349 Standpipes 340 Standpipes 340 Standpipes 341 Standpipes 342 Standpipes 343 Standpipes 344 Standpipes 345 Standpipes 346 Stand	 6 (320	Pumping Land & Land Rights	o	Þ	Þ	
Boller Plant Equipment 5,541 5,5	17	321	Pumping Structures & Improvements	2 753 057	214 820	2 967 877	
323 Force Mains 5,541 0 324 Steam Pumping Equipment 0 0 325 Electric Pumping Equipment 12,318,014 758,112 326 Diesel Pumping Equipment 1,002,917 45,595 327 Pump Equip Hydraulic 0 0 Other Pumping Equipment 12,190 0 Subtotal 0 12,190 0 Subtotal 0 16,091,719 1,018,527 Treatment Plant 0 0 0 Water Treatment Structures & Improvements 16,961,911 1,156,888 Water Treatment Equipment - Filter Plant 16,961,911 1,156,888 Water Treatment Equipment - Filter Plant 17,973,383 1,121,035 Water Treatment Equipment - Filter Plant 17,973,383 1,121,035 Water Treatment Equipment - Filter Plant 17,973,383 1,121,035 Transmission & Distribution Land 17,973,383 1,121,035 Transmission & Distribution Mains Structures & Improvements 2,167,666 131,447 341 Transmission & Distribution Mains Structures & Improvements 2,167,666 131,447 <td>18</td> <td>322</td> <td>Boiler Plant Equipment</td> <td>0</td> <td>0</td> <td></td> <td></td>	18	322	Boiler Plant Equipment	0	0		
Steam Pumping Equipment 12,318,014 758,112 325 Electric Pumping Equipment 12,318,014 1,002,917 45,595 12,218,014 1,002,917 45,595 1,2190 0 0 0 0 0 0 0 0 0	19	323	Force Mains	5,541	0	5.541	
Diesel Pumping Equipment 12,318,014 758,112 326 237 245,995 24	20	324	Steam Pumping Equipment	0	0	0	
277	2 2	300	Diesel Primping Equipment	12,318,014	758,112	13,076,126	
Other Pumping Equipment Subtotal Treatment Plant Water Treatment Structures & Improvements Water Treatment Equipment 32.4 Water Treatment Equipment Subtotal Transmission & Distribution Plant Transmission & Distribution Mains < 4" Transmission & Distribution Mains > 10" 12,190 16,091,719	23 [327	Pump Equip Hydraulic	1,002,917	45,595 0	1,048,512	
Subtotal Subtotal 16,091,719 1,018,527 330 Treatment Plant 0 0 331 Water Treatment Structures & Improvements 16,961,911 1,156,888 332 Water Treatment Equipment 17,973,383 1,121,035 Water Treatment Equipment - Filter Plant 0 749 Subtotal Transmission & Distribution Plant 0 2,278,672 Transmission & Distribution Structures & Improvements 2,167,666 131,447 Jostribution Reservoirs & Standpipes 4,630,080 253,533 Transmission & Distribution Mains Conv 972,009 30,502 Transmission & Distribution Mains 6" - 8" 65,119,096 4,016,863 343.3 Transmission & Distribution Mains > 10" 31,024,892 2,300,944	24	328	Other Pumping Equipment	12 190	ɔ (12 190	
Treatment Plant 330 Water Treatment Land & land Rights 0 0 331 Water Treatment Structures & Improvements 16,961,911 1,156,888 332 Water Treatment Equipment 17,973,383 1,121,035 Water Treatment Equipment - Filter Plant 0 749 Subtotal 749 2,278,672 Transmission & Distribution Plant 0 2,278,672 Transmission & Distribution Structures & Improvements 2,167,666 131,447 343 Transmission & Distribution Mains Conv 4,630,080 253,533 Transmission & Distribution Mains < 4"	25		Subtotal	16,091,719	1,018,52	17.110.246	
330 Water Treatment Land & land Rights 331 Water Treatment Structures & Improvements 332 Water Treatment Equipment 332 Water Treatment Equipment 332.4 Water Treatment Equipment - Filter Plant 332.4 Water Treatment Equipment - Filter Plant 340 Transmission & Distribution Plant 341 Transmission & Distribution Land 341 Transmission & Distribution Structures & Improvements 342 Distribution Reservoirs & Standpipes 343.1 Transmission & Distribution Mains Conv 343.1 Transmission & Distribution Mains Conv 343.2 Transmission & Distribution Mains 6" - 8" 343.3 Transmission & Distribution Mains 6" - 8" 343.3 Transmission & Distribution Mains 6" - 8" 345.4 Transmission & Distribution Mains 6" - 8" 346.5 119,096 31,024,892 2,300,944	26		Treatment Plant				
331 Water Treatment Structures & Improvements 16,961,911 1,156,888 332 Water Treatment Equipment 17,973,383 1,121,035 332.4 Water Treatment Equipment - Filter Plant 0 749 Subtotal 749 2,278,672 Transmission & Distribution Plant 0 2,278,672 Transmission & Distribution Land 0 (2,381) Transmission & Distribution Structures & Improvements 2,167,666 131,447 343 Transmission & Distribution Mains Conv 4,630,080 253,533 343.1 Transmission & Distribution Mains Conv 972,009 30,502 343.2 Transmission & Distribution Mains 6" - 8" 65,119,096 4,016,863 343.3 Transmission & Distribution Mains > 10" 31,024,892 2,300,944	27	330	Water Treatment Land & land Rights	0	0	0	
332 Water Treatment Equipment 17,973,383 1,121,035 332.4 Water Treatment Equipment - Filter Plant 0 749 34.935,294 749 2,278,672 340 Transmission & Distribution Plant 0 2,278,672 341 Transmission & Distribution Structures & Improvements 2,167,666 131,447 342 Distribution Reservoirs & Standpipes 4,630,080 253,533 343 Transmission & Distribution Mains Conv 972,009 30,502 343.1 Transmission & Distribution Mains 6" - 8" 65,119,096 4,016,863 343.3 Transmission & Distribution Mains > 10" 31,024,892 2,300,944	28	331	Water Treatment Structures & Improvements	16,961,911	1,156,888	18,118,799	
332.4 Water Treatment Equipment - Filter Plant Subtotal Transmission & Distribution Plant Transmission & Distribution Plant Transmission & Distribution Structures & Improvements 342 Distribution Reservoirs & Standpipes Transmission & Distribution Mains Conv 343.1 Transmission & Distribution Mains < 4" 343.2 Transmission & Distribution Mains 6" - 8" 343.3 Transmission & Distribution Mains > 10" 344.5	29	332	Water Treatment Equipment	17,973,383	1,121,035	19,094,418	
Subtotal 34,935,294 2,278,672 340 Transmission & Distribution Plant 0 (2,381) 341 Transmission & Distribution Structures & Improvements 2,167,666 131,447 342 Distribution Reservoirs & Standpipes 4,630,080 253,533 343 Transmission & Distribution Mains Conv 0 0 343.1 Transmission & Distribution Mains < 4"	30	332.4	Water Treatment Equipment - Filter Plant	0	749	749	
Transmission & Distribution Plant 340 Transmission & Distribution Land 0 (2,381) 341 Transmission & Distribution Structures & Improvements 2,167,666 131,447 342 Distribution Reservoirs & Standpipes 4,630,080 253,533 343 Transmission & Distribution Mains Conv 0 0 343.1 Transmission & Distribution Mains < 4"	3 43		Subtotal	34,935,294	1	37,213,966	
341 Transmission & Distribution Structures & Improvements 2,167,666 131,447 342 Distribution Reservoirs & Standpipes 4,630,080 253,533 343 Transmission & Distribution Mains Conv 0 0 343.1 Transmission & Distribution Mains < 4"	 2	340	Transmission & Distribution Plant	o			
342 Distribution Reservoirs & Standpipes 4,630,080 253,533 343 Transmission & Distribution Mains Conv 0 30,502 343.1 Transmission & Distribution Mains < 4" 972,009 30,502 343.2 Transmission & Distribution Mains 6" - 8" 65,119,096 4,016,863 343.3 Transmission & Distribution Mains > 10" 31,024,892 2,300,944	ب 2 (2 C	Transmission & Distribution Structures & Improvements	2 222 000	(2,361)	(2,381)	
343.1 Transmission & Distribution Mains Conv 343.1 Transmission & Distribution Mains < 4" 343.2 Transmission & Distribution Mains 6" - 8" 343.3 Transmission & Distribution Mains > 10" 343.3 Transmission & Distribution Mains > 10" 31,024,892 2,300,944	 	347 347	Distribution Reservairs & Standaines	2,167,666	131,447	2,299,113	
343.1 Transmission & Distribution Mains 6" - 8" 972,009 30,502 343.2 Transmission & Distribution Mains 6" - 8" 65,119,096 4,016,863 343.3 Transmission & Distribution Mains > 10" 31,024,892 2,300,944	<u>ي</u>	သ (သ (Transmission & Distribution Mains Conv	4,000,000	200,000	4,000,010	
343.2 Transmission & Distribution Mains 6" - 8" 65,119,096 4,016,863 343.3 Transmission & Distribution Mains > 10" 31,024,892 2,300,944	37	343.1	Transmission & Distribution Mains Conv	972 000	30 FO3	7 000 E	
343.3 Transmission & Distribution Mains > 10" 31,024,892 2,300,944 2,300,944	သွ	343.7	Transmission & Distribution Mains 6" - 8"	65 110 006	4 016 863	1,000,011	
	39	343.3	Transmission & Distribution Mains > 10"	31.024.892	2,300,944	33,325,836	
Subtotal 103,913,743 6,730,908	40		Subtotal	103,913,743	6,730,908	110,644,651	

			Line #
Schedule CAS-5-STL Page 2 of 2			Company: Missouri-American Water Company District: St. Louis
Case No. WR-2003-XXX			Missouri Public Service Commission
	per 31, 2002	For the Test Year Ended December 31, 200	
	mortization	Accumulated Depreciation and Amortization	

37	သ င္ဘာ	34	ၓၟ	<u>3</u> 2	<u>α</u>	30	29	28	27	26	25	24	23	22	21	20	19	8	17	6	5	14	3	12	<u> </u>	1 0	9	σ	7	တ	GI	4	ယ	N		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		
\$189,388,413	7,940,093	45,584	27,642	400	363,958	201,437	645,764	1,986,605	(313,639)	0	588,639	2,116,183	671,511	28,528	0	2,417	219,231	852,795	131,656	0	372,509	(1,127)	0		125.738.015	0	11.118.464	4.374.849	6,268,498	0	0	62,461	0	103,913,743	12/31/02	Der Books
\$12,616,514	1,026,692	1,878	8,996	0	45,613	46,346	58,322	160,096	3,663	0	64,021	481,180		7,822	0	4,431	(283,298)	279,889	27,386	0	116.831	3.516	o		7 973 896	0	548 713	244 606	448,330	0	0	1,339	0	6,730,908	Adjustments	Dro norma
\$202,004,927	8,966,785	47,462	36,638	400	409,571	247,783	704,086	2,146,701	(309,976)	0	652,660	2,597,363	671,511	36,350		6,848	(64,067)	1,132,684	159,042	0	489,340	2.389	0		133 711 911	0	11 667 177	4 619 455	6,716,828	0	0	63,800	0	110,644,651	Reserve	D C

		Customer Adva For the	Customer Advances and Contributions in Aid of Con For the Test Year Ended December 31, 2002	vid of Construction		
Missouri Public S Company: Missou District: St. Louis	iblic Servi Missouri- <i>I</i> Louis	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Louis				Case No. WR-2003-XXX Schedule CAS-6-STL Page 1 of 1
Line #						
	Acct No	Account Description	Per Books <u>12/31/02</u>	Pro Forma <u>Adjustments</u>	Pro Forma <u>Balance</u>	
	252.11	Customer Advances Advances for Construction - Extensions	23,999,139	4,130,370	28,129,509	
00 7 00	! -	Total Customer Advances	47,815,792	4,130,370	51,946,162	
		Contributions in Aid of Construction				
13 2	271.11 271.12	Contributions in Aid - NT Mains Contributions in Aid - NT Extension Deposit	76,075,711 0	825,000 0	76,900,711 0	
	271.21	Contributions in Aid - NT Services Contributions in Aid - NT Meters	352 3,513,926	00	352 3,513,926	
		Contributions in Aid - NT Hydrants Contributions in Aid - NT Other	2,045,881 1,264,437	00	2,045,881 1,264,437	
	271.71 271.12	Contributions in Aid - Taxable Mains Contributions in Aid - Taxable Extension Deposit	0 0	00	00	
	271.27	Contributions in Aid - Taxable Services Contributions in Aid - Taxable Meters	00	00	00	
	Various	Accumulated Amortization - CIAC Total Contributions in Aid of Construction	(12,717,648) 70,182,659	(1,412,022) (587,022)	(14,129,670) 69,595,637	
26 27 28 29						
34 34 34 34						
38 3 3 5 38 7 6 5						
40						

	Working Capital For the Test Year Ended December 31, 2002	oital ecember 31, 20	002				
Missouri Public Service Commission Company: Missouri-American Water Company District: St. Louis					1	Case No. WR-2003-XXX Schedule CAS-7-STL Page 1 of 1	of 1
Line#							
, ,	Proforma	Average	,				
	Proposed	Daily	Revenue	Expense	Net	Cash	
4 Base Payroll	13 141 091	38 OO3	62 0870	(Lead)/Lag	(Lead)/Lag	1 939 690	
	6.243.908	17,107	62.0870	13.47	48 62	831 656	
	6,137,763	16,816	62.0870	35.47	26.61	447,547	
	4,003,191	10,968	62.0870	62.09	0.00	0	
9 Service Company Charges	206,302	25 565 565	62.0870	62.09	0.00	0	
	1 783 940	4 888	62.0870	43.60 (8.54)	70.49	345 190	
	1,065,382	2,919	62.0870	(0.04)	62.13	181.340	
	3,195,807	8,756	62.0870	45.00	17.09	149,613	
14 Insurance Other than Craim	145,993	- 400 - 250	62.0870	45.00	17.09	6,835	
15 Uncollectables	848 564	2,500	62.0870	65.00 63.00	0.00	91,562	
	1,013,562	2,777	62.0870	(14.21)	76.30	211.863	
	2,675,415	7,330	62.0870	45.00	17.09	125,250	
19 Total O&M Expenses	16,016,535 67,754,380	43,881	62.0870	26.10	35.99	1,579,143 6,330,753	
20 21 Depreciation Amortization Expense	21.108.234	57.831	62.0870	o 00	83 No	3 FOU FAU	
22 Property Taxes	7,405,245	20,288	62.0870	182.50	(120.41)	(2,442,980)	
24 Franchise and Environment Tax	100 623	1,410 5/7	62.0870	(30.00)	92.09	129,869	
	22.711	62	62.0870	13.31	139.59 48.78	3 035 3 035	
26 FUTA Taxes	1,420,772	3,893	62.0870	76.38	(14.29)	(55,616)	
28 Federal Income Tay - Current	1 934 325 (7)	T ()	62.0870	76.38 60.35	(14.29)	000	
29 State Income Tax - Current	288.251	5,020 790	62.0870	62.17	(0.08)	9,232	
	3,114,675	8,533	62.0870	0.00	62.09	529,811	
32 Preferred Dividends	10,860,357	29,754	62.0870	91.15	(29.06)	(864,752)	
	114,678,027	424	62.08/0	43.03	16.46 I	6,975 7,313,143	
35 Total Cash and Working Capital Requirement Used						7.313.000	
36					11		
38		,					
39							

שומנו טו. בטמופ	lis						Page 1 of 1
Line #			7.75		7		0
- 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-STL	\$115,918,259	\$1,643,202	\$117,561,461	\$14,654,035	\$132,215,496
8 ~	Operating Expenses						
10 11	Operating and Maintenance Depreciation Expense Amortization Expense	CAS-10-STL CAS-10-STL	56,814,845 18,344,212	8,118,128 2,764,022	64,932,973 21,108,234	107,062	65,040,035 21,108,234
3 13	Taxes other Than Income Taxes				,		•
15 15	Property Taxes Payroll Taxes	CAS-10-STL	6,222,053	1,183,192	7,405,245		7,405,245
16 17	PSC Fees Other	CAS-10-STL CAS-10-STL	604,549 194,020	0 (84,191)	604,549 109,829	0	604,549 109,829
3 6	Utility Operating Income Before Income Taxes	ixes	32,355,117	(10,397,962)	21,957,155	14,546,973	36,504,128
3 22 8	Income Taxes						
2 23 1	State Income Tax	CAS-12-STL	2,276,243 970,293	(441,918) (682,042)	1,834,325 288,251	4,826,010 758,373	6,660,335 1,046,624
25 26	Amortization of Investment Tax Credit		8,276,655 (129,190)	(5,032,790)	3,243,865 (129,190)		3,243,865 (129,190)
27 28	Utility Operating Income		\$20,961,116	(\$4,241,213)	\$16,719,904	\$8,962,590	\$25,682,494
29 30							
ઝુ હ્યુ							
3 33 i							
35 36							
37 38							
39							

	Adjustment to	o Reveneus Po	Adjustment to Reveneus Per Books and Pro For For the Test Year Ended December 31, 2002	ro Forma			
Missouri Public Service Commission Company: Missouri-American Water Company District: St. Louis							Case No. WR-2003-XXX Schedule CAS-9-STL Page 1 of 1
Line#							
	Test year	Eliminate	Bill Analysis	Bii	Normalizaton		Pro Forma
. ω Ν	Ending 12/31/02	Unbilled Revenue	And Other Adjustments	Analysis at Rates	& Annual Adjustments	Other Adjustments	Present Rate Revenue
m							
o Wetered Sales							
8 Date A	\$97,475,790	(\$636,954)	(\$184,690)	\$96,654,146	\$1,711,039		\$98,365,185
	2,136,127	19,010		2,155,743		(1/3,910)	1,981,833
_	272,491		(341) (254 667)	270,416 17,824		(86,991) 883 163	183,425 900 987
	7,083,155	21.684	(35,488)	7.069.350		000,	7 069 350
12 Rate K	479,964		(212)	479,752			479,752
	107,453,705	(595,654)	(210,819)	106 647 232	1 711 039	622 262	108 080 533
16							
17 Sewer Service	0	0	0	0	0	0	0
19 Fire Service 20 Private Fire Service	7 046 437		110000	7 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6			
	7,040,427		116,374	7,762,801			7,162,801
22 Total Fire Service	7,046,427	0	116,374	7,162,801	0	0	7,162,801
24 Total Sales of Water 25	114,500,133	(595,654)	(94,445)	113,810,034	1,711,039	622,262	116,143,335
26 Other Operating Revenues							
	43,661 28 212			43,661 28 242			43,661
	142,440			20,212 142 440			712,82
	767,483			767,483			767.483
Rents from Water PropertyMiscellaneous Sales Unmetered	284,236 152,095			284,236 152 095			284,236
_	1,418,127	0	0	1,418,127	0	0	1.418.127
		A CAPACITY OF THE PARTY OF THE		.,			
36 Total Operating Revenues3738	\$115,918,259	(\$595,654)	(\$94,445)	(\$94,445) \$115,228,160	\$1,711,039	\$622,262	\$117,561,461

Line # |Missouri-American Water Company Summary of Operations and Maintenance Expenses and General Taxes For the Test Year Ended December 31, 2002 Case No. WR-2003-XXX Schedule CAS-10-STL Page 1 of 1

34 35 36 37 37 38 39	33 34 35 35 35 35 35 35 35 35 35 35 35 35 35	24 25 26 27	22 23 23	12 1 1 6 6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 8 8 11 11	← α ω 4 το α
	Property Taxes Payroll Taxes PSC Fees Other General Taxes Total Taxes Other Than Income Taxes	Depreciation Amortization Total Depreciation and Amortization	General Office Expense Miscellaneous Maintenance - Other Total Operations and Maintenance	Customer Accounting Rents	Management Fees Group Insurance Pensions Regulatory Expenses	Labor Purchased Water Fuel and Power Chemicals Waste Disposal	The schedule below provides a summary list of the operating and maintenance expenses for the test year and pro forma at present rates as indicated. Each pro forma adjustment is keyed to a schedule as shown on Schedule CAS-11-STL which provides additional detail and support. Pro formating and pro formation of the operating and maintenance expenses for the test year and pro formational detail and support. Pro formation of the operating and maintenance expenses for the test year and pro formational detail and support. Pro formation of the operating and maintenance expenses for the test year and pro formational detail and support.
	CAS-11-STL CAS-11-STL CAS-11-STL CAS-11-STL	CAS-11-STL CAS-11-STL	CAS-11-STL CAS-11-STL CAS-11-STL	CAS-11-STL CAS-11-STL CAS-11-STL	CAS-11-STL CAS-11-STL CAS-11-STL	CAS-11-STL CAS-11-STL CAS-11-STL CAS-11-STL CAS-11-STL	ist of the operating and maintechedule as shown on Schedule Schedule Reference
	6,222,053 1,383,463 604,549 194,020 8,404,085	18,344,212 0 18,344,212	904,377 5,116,082 4,960,068 56,814,845	403,063 2,046,250 1,858,338 552,761	8,673,213 2,849,322 909,122	\$18,039,116 6,302 6,059,149 3,982,747 452,113	e CAS-11-STL which provides Test Year Expense
	1,183,192 60,013 0 (84,191) 1,159,014	2,764,022 0 2,764,022	67,391 198,526 1,608,402 8,118,128	(200,307) (90,430) (171,032) 460,801	647,895 1,709,695 2,286,685	\$1,345,881 200,000 78,615 20,444 (44,377)	ar and pro forma at present rate additional detail and supportAdjustment
	7,405,245 1,443,476 604,549 109,829 9,563,099	21,108,234 0 21,108,234	971,768 5,314,608 6,568,470 64,932,973	205,518 1,955,820 1,687,306 1,013,562	9,321,108 4,559,017 3,195,807	\$19,384,997 206,302 6,137,764 4,003,191 407,736	es as indicated. Pro forma Present Rates

Overall Revenue Requirement Summary For the Test Year Ended December 31, 2002

Missouri Public Service Commission Company: Missouri-American Water Company Division: St. Louis

	 No.	Line
]		

4 4	39	38	37	36	ၾ	34	33	32	<u>చ</u>	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	5	14	13	12	1	6	ဖ	00	7	1 0	(J)	4	ωΝ
								29d	29c	29b	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	=======================================	10	9	000	Number	Line	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		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		
						8,404,085		194,020	604,549	1,383,463	6,222,053		18,344,212		•	18,344,212		56,814,845		4,960,068	5,116,082	904,377	552,761	1,858,338	2,046,250	405,885	909,122	2,849,322	8,673,213	452,113	3,982,747	6,059,149	6,302	18,039,116	31-Dec-02	Ended	Test Year
						0							0					1,345,881																\$1,345,881	Expense	Labor	Schedule
						0							0					1,709,695										1,709,695							Expense	Group Ins	Schedule
						0							0					2,286,685									2,286,685								Expense	Pension	Schedule
						0							0					70,116			70,116														Expense	401K/EIP	Schedule
						60.013				60,013			0					0																	Expense	Payroll Taxes	Schedule
						0							0					78,615								-						78,615			Expense	Fuel & Power	Schedule
						0						-	0					20,444													20,444				Expense	Chemical	Schedule
						0							0					200,000			-												200,000		Expense	Purch Water	Schedule

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

Overall Revenue Requirement Summary For the Test Year Ended December 31, 2002

Missouri Public Service Commission Company: Missouri-American Water Company Division: St. Louis

4 2	\$ & T	3 &	۶ <u>د</u>	3 6	3 S	4 6 T	2 23	33	3 23	: 8 -	29	28	27	26	25	24	23	22	21	20	19	1 8	17	<u>க்</u>	5	4	ಚ	12	⇉	6	ω		· ~	Т) (J)	1 & 4
								29d	29c	29b	29a				28	27				25	21		19	18	17	16	5	14	13	12	1	10	9		Number	168 Line
				The state of the s		lotal laxes 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	Labor	Description	
						0							0					(44,377)												(44,377)					Expense	CAS-15 p9 Waste Disp.
						0							0					(200,367)								(200,367)									Expense	CAS-15 p10 Regulatory
					***************************************	0							0					(90,430)							(90,430)										Expense	CAS-15 p11
						0							0					647,895									٠		647,895						Expense	Schedule CAS-15 p12
						0							0					460,801			10.00		460,801												Expense	Schedule CAS-15 p13
						0							0					(112,734)				(112.734)					***************************************								Expense	Schedule CAS-15 p13
						0							0					(456.065)		(120,000)	(456.065)	-	T. T. T. T. T. T. T. T. T. T. T. T. T. T												Expense	Schedule CAS-15 p13
						0						ļ	0					1.064.849	1,001,010	1 064 840						-				170000000000000000000000000000000000000					Expense	Schedule CAS-15 p14
						0							0					180.125			.00,120	180 125													Expense	Schedule CAS-15 p15

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

Missouri Public Service Commission Company: Missouri-American Water Company Division: St. Louis

				29d	287	3 5	200	30		28	27	1			25	21	20	19	18	17	16	15	14	13	12	1	10	9	8	Number	168
		1990	Total Taxes other than income	Other General Taxes	Gross Receipts Laxes	Carried Bases	Dayroll taxes	Droppets Toyon	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	ı	<u> </u>	
			0						0				101,772			101,772														Transpo. Expense	Schedule CAS-15 p16
			1,183,192	Translation .			1, 183, 192	100	0				0																	Property Taxes Expense	Schedule CAS-15 p17
			(89,794)	(89,794)					0				0																	PSC Assess Expense	Schedule CAS-15 p18
			0						0				543,553	0.0,000	543.553															Tank Painting Expense	Schedule CAS-15 p19
			0						0	0			0																	Amortization Expense	Schedule CAS-15 p20
			0						0				(171,032)				***************************************	, , , , , , , , , , , , , , , , , , , ,	(171.032)											Uncollectable Expense	Schedule CAS-15 p21
			0						0				0					,	0											Uncollectable Expense	Schedule CAS-15 p21
			0						2,764,022		2.764.022		0																	Depreciation Expense	Schedule CAS-15 p22
			0						0		-		123.432		\$ 120,104	\$123 432														One Call Expense	Schedule CAS-15 p23

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

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

Missouri Public Service Commission Company: Missouri-American Water Company Division: St. Louis

S S	25	24	23	22	27	2 2	19	18	17	16	15	14	13	12	;	10	; c	, α	7	၂ တ	O.	4-1	. ເ	∾ <u>→</u> .
	28	27				25	21	26	19	18	17	6	15	14	13	12	11	10	9	8	Number	Line	168	
	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			
				288,840			\$288,840														Expense	AAO Security	CAS-15 p24	Cohodulo
				70,431			\$70,431														Expense	Relocation	CAS-15 p25	Cohodido
				0																	Expense	Franchise tax	CAS-15 p26	Cahadala
				0																	Expense		Gorieddie	Ophodida
				0																	Expense		ocileunie	2000
																					Expense		Schoolis	2
				0																	Expense		ochedule	
	-,-	2.764.022		8,118,128		1,608,402	198,526	67,391	460,801	(171,032)	(90,430)	(200,367)	2,286,685	1,709,695	647,895	(44,377)	20,444	78,615	200,000	\$1,345,881	Adjustments	Rate	Present	
c	2	21 108 234		64.932.973		6,568,470	5,314,608	971,768		٦	_	205,518	3,195,807	4,559,017	9,321,108			6,137,764	206,302	\$19,384,997	Expense	Rates	Total Present	

25 26 27 27 27 28 29 30 30 31 31 33 33 33 33 34 40 40

Total Taxes other than income

\$5,603 5,603

0

0

0

1,159,014

9,563,099

(84,191)

1,183,192 60,013

7,405,245 1,443,476 604,549 109,829

2,764,022

21,108,234

29a 29b 29c

Property Taxes
Payroll taxes
Gross Receipts Taxes
Other General Taxes

Total Depreciation and Amortization

0

0

Proforma State and Federal Income Taxes at Present and Proposed Rates
For the Test Year Ended December 31, 2002
Missouri Public Service Commission
Company: Missouri-American Water Company
District: St. Louis

Case No. WR-2003-XXX Schedule CAS-12-STL

Page 1 of 1

Line	
#	
440	

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	nt Rates State	At Proposed Rates Federal State	ed Rates State
Utility Operating Income Before Income Taxes	\$21,957,155	\$21,957,155	\$36,504,128 \$36,504,128	\$36,504,128
Interest Expense Deduction	10,860,916	10,860,916	10,860,916	10,860,916
Taxable Income	11,096,239	11,096,239	25,643,212	25,643,212
Addback (Deducts): Tax over Book Depreciation Non-deductible Meals Amortization Preferred Stock Expense Non-deductible Reserve Deficiency	(8,103,778) 52,600 955 2,483,162	(8,103,778) 52,600 955 2,483,162	(8,103,778) 52,600 955 2,483,162	(8,103,778) 52,600 955 2,483,162
Total Addbacks (Deducts)	(5,567,061)	(5,567,061)	(5,567,061)	(5,567,061)
Taxable Income	5,529,178	5,529,178	20,076,151	20,076,151
Effective Tax Rate (1)	33.1754%	5.2133%	33.1754%	5.2133%
Proforma Income Tax at Present / Proposed Rates	1,834,325	288,251	6,660,335	1,046,624
Per Books Amount / Present Rates	2,276,243	970,293	1,834,325	288,251
Proforma adjustment	(\$441,918)	(\$682,042)	\$4,826,010	\$758,373

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

24 24 25	 15 Miscellaneous Revenues: 16 17 Reconnect Charges 18 Returned Check Charge 19 Application Fee 20 Miscellaneous Other Revenue 21 Rents from Water Property 22 Miscellaneous Sales Unmetered 		- 0	4 Rate A 5 Rate B 6 Rate D	Line # Class/ Description 1 2 3	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Louis
	ared.	68,812,650	60,059 377,167 9,441,890 223,555	56,016,528 2,451,853 241,598	Sales (CCF)	
\$117,556,430	43,661 28,212 142,440 767,483 284,237 152,095	116,138,302	7,154,925 900,987 7,069,350 480,283	\$98,367,499 1,981,833 183,425	Total Revenue	st Year Operating Revenues at 12 Month Test Period E
		68,812,650	60,059 377,167 9,441,890 223,555	56,016,528 2,451,853 241,598	Sales (CCF)	Test Year Operating Revenues at Present Rates vs Proposed Rates 12 Month Test Period Ended December 31, 2002
\$133,083,817	43,661 28,212 142,440 767,483 284,237 152,095	131,665,689	9,932,314 900,987 7,878,415 530,283	\$109,991,326 2,235,354 197,010	Total Revenue	ates
15,527,387	0000	\$15,527,387	2,777,389 0 809,065 50,000	\$11,623,827 253,521 13.585	Dollar Change	Case N.
13.21%	0.00% 0.00% 0.00% 0.00%	13.37%	38.82% 0.00% 11.44% 10.41%	11.82% 12.79% 7.41%	Percentage Change	Case No. WR-2003-XXX Schedule CAS-13-STL Page 1 of 1

Missouri Public Service Commission	Commission	, ם		iz monur rest renou Enueu December 31, 2002	וסמ בוומפט הפספ	111061 31, 2004			Case No	Case No. WR-2003-XXX
District: St. Louis	Circail state	Company							Schedi	Schedule CAS-14-STL Page 1 of 8
		Present Pro Forma Rates	Forma Rates			Prop	Proposed Pro Forma Rates	na Rates		Ġ
Line # Class/	Customer	Salas)	T-1-1	Customer		, -		! :	!
<u> </u>	Billings	(CCF)	Rate	Revenue	Billings	(CCF)	Rate	Revenue	Change	Change
					i d	()				
Monthly			12,925,487							
5 5/8"	7.3		æ 60 15	\$ 220	72		900	9		
	190		6.87	1.305	190		870	1 653 407 -	\$1.5 7.1.0	36.57% 36.67%
	434		8.31	3.607	434		970	4 210	603 640	16.
8 1-1/2"	831		11.90	9,889	831		14 00	11 634	1 745	17 65%
9 2,1	2,642		16.20	42,800	2.642		16.20	42 800	; o 0	0.00%
3"	801		27.68	22,172	801		56.00	44,856	22.684	102.31%
	526		40.59	21,350	526		110.00	57,860	36,510	171.01%
	293		76.48	22,409	293		201.00	58,893	36,484	162.81%
10	/1		119.54	8,487	71 =		261.00	18,531	10,044	118.35%
15 12	> 1)34 36	0,317	4.		380.00	17,860	9,543	114.74%
	(100	c	c		302.00	c	o	0.00%
17 Quarterly										
	1,219,425		9.01	10,987,019	1,219,425		12.20	14,876,985	3,889,966	35.41%
ú	70,880		11.17	791,730	70,880		13.00	921,440	129,710	16.38%
20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	17,628		15.48	272,881	17,628		16.00	282,048	9,167	3.36%
1-1	5,917		26.24	155,262	5,917		28.70	169,818	14,556	9.38%
	8,345		39.15	326,707	8,345		35.30	294,579	(32,128)	-9.83%
	532		73.61	39,161	532		153.00	81,396	42,235	107.85%
	236		112.36	26,517	236		318.00	75,048	48,531	183.02%
	227		220.01	49,942	227		588.00	133,476	83,534	167.26%
	276		349.19	96,376	276		769.00	212,244	115,868	120.22%
	75		521.42	39,107	75		1,126.00	84,450	45.343	115.95%
28 12"	0		693.66	0	0		1.582.00	0	0	0 00%
29 30					•			Ć	c	ç
	iş.									
33 Quarterly All Water	ā	52,000,091	1.525300	5,580,449		3,658,591	1.653100	6,048,017	467,568	8.38%
	200	02,307,800	1.02000	79,861,563		52,357,938	1.653100	86,552,907	6,691,344	8.38%
35 Quarterly Fixed Chg and Cr	nd and Cr	3 0		.		3 0		0	0	0.00%
	(3		(3		c	c	0.00%
3/ 38 Total	11 1	56,016,528	li i	\$98,367,499	.	56,016,528	I. 1	\$109,991,326	\$11,623,827	11.82%
39 40										

Company Missouri American Weter Comm						
Company: Missouri-American Water Company District: St. I cuic	any					
Prese	Present Pro Forma Rates			Propo	Proposed Pro Forma Rates	a Rates
Class/ Customer Sales	es Current	Total	Customer]	4-4-
Billings		Revenue	Billings	(CCF)	Rate	Revenue
Minimum Charge:						
	\$0.00	\$0	0		\$0.00	\$0
3/4" 0	0.00		0		0.00	0
1	0.00		0		0.00	0
1-1/2" 0	0.00		0		0.00	o (
2" 0	0.00		Э :		000	> (
	0.00		~		0.00	> 0
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											40
7.41%	\$13,585	\$197,010		241,598		\$183,425	11 1	241,598		Total	
6.19% 0.00% 0.00% 0.00%	11,258 0 0	193,278 0 0	0.800000 0.800000	241,598 0 0		182,020 0 0	0.753400 0.753400	241,598 0 0 0	ges: er titer thg and Cr Chg and Cr	Volumetric Charges: Monthly All Water Quarterly All Water Monthly Fixed Chg and Cr Quarterly Fixed Chg and Cr	
0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0000000000	0000000000	12.20 13.00 16.00 28.70 35.30 153.00 318.00 588.00 769.00 1,126.00 1,582.00		0000000000	000000000	0.00 0.00 0.00 0.00		000000000	Quarterly 5/8" 3/4" 1-1/2" 2" 3" 4" 6" 8" 10" 12"	
0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 171.05% 162.75% 0.00% 0.00%	\$0 0 0 1,494 0	\$0 0 0 1,320 2,412 0	\$8.50 8.70 9.70 14.00 16.20 56.00 110.00 201.00 261.00 380.00 532.00		000121000000	\$0 0 0 0 0 0 487 918 0 0	\$6.15 6.87 8.31 11.90 16.20 27.68 40.59 76.48 119.54 176.96 234.36		•	Rate D: Minimum Charge: 5/8" 3/4" 1-1/2" 2" 3" 4" 6" 8" 10"	10 00 7 00 00 11 12 12 12 12 12 12 12 12 12 12 12 12
Percentage Change	Dollar Change	ma Rates Total Revenue	Proposed Pro Forma Rates Proposed Tota Rate Rever	Prop Sales (CCF)	Customer Meter Billings	Total Revenue	Current Rate	Present Pro Forma Rates Sales Current (CCF) Rate	Customer Meter Billings	Class/ Description	#
Case No. WR-2003-XXX Schedule CAS-14-STL Page 3 of 8	Case No Sched		2	ates vs Propo ∍mber 31, 2002	iod Ended Dece	12 Month Test Period Ended December 31, 2002	rest rear of	1 0 1	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Louis	Missouri Public Servi Company: Missouri-A District: St. Louis	Missour Compar District

<u>Volur</u> Mont Quar Quar		17 Quarterly 18 5/8" 25 19 3/4" 1,075 20 1" 28 21 1-1/2" 1	2 Rate F: 3 Minimum Charge: 4 Monthly 5 5/8" 601 6 3/4" 559 7 1" 42 8 1-1/2" 0 9 2" 0 10 3" 0 11 4" 0 12 6" 0 13 8" 0 14 10" 0 15 12" 0	#	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Louis
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00	0.00 0.00	\$0.00 0.00 0.00 0.00	ma Rates Current Rate	Test Year O ₁
91,608 0	c	000000000	000000000	Total Revenue	Test Year Operating Revenues at Present Rates vs Proposed Rates 12 Month Test Period Ended December 31, 2002
		25 1,075 28 1 1 1 1	601 559 42 0 0 0 0	Customer Meter Billings	ies at Present Ra
	60,059 0 0			Proj Sales (CCF)	ntes vs Propo mber 31, 200
	1.653100 1.653100	0.00 0.00 0.00 0.00 0.00	\$0.00 0.00 0.00 0.00 0.00 0.00	Proposed Pro Forma Rates Proposed Tota Rate Rever	osed Rates 02
c	99,284 0 0	0000000000	000000000	Total Revenue	
	7,676 0 0	000000000	0000000000	Dollar Change	Case No. Schedu
	8.38% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	Percentage Change	Case No. WR-2003-XXX Schedule CAS-14-STL Page 4 of 8

innouni Dublin Consino			1	12 Month Test Period Ended December 31, 2002	lod Ended Decel	mber 31, 200	2			
Missouri Fublic Service Commission Company: Missouri-American Water Company District: St. Louis	erican Water	Company							Case No Sched	Case No. WR-2003-XXX Schedule CAS-14-STL
		Present Pro Forma Rates	orma Rates			Pro	Proposed Pro Forma Rates	na Rates		raye o or o
Line # Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
,	Billings	(CCF)	Rate	Revenue	Billings	(CCF)	Rate	Revenue	Change	Change
3 Detector Check Meters	eters									
	38		\$110.40	\$4,195	38		\$110.40	\$4 195	₽	
5 3/4"	2,095		119.04	249.389	2.095		119.04	249 389	o 1	0.00%
6 1"	30		136.32	4,090	30		136.32	4.090	o (0.00%
7 1 1/2"	5		179.40	897	ഗ		179.40	897	o (0.00%
8 2 <u>1</u>	23		231.00	5.313	23		231.00	5.313	5 (
9 မျ	ហ		368.76	1 844	רל		368 76	1 8//	> 0	0.00%
_	o (523.68	3 142	ກ ເ		500.70	3 1/13	o c	0.00%
	7 (054.00	0,172	1 0		020.00	0,142	· c	0.00%
	-		904.00	0,001	_		954.36	6,681	O	0.00%
14 Tap Size										
	113		\$21.92	\$2 477	112		31 03	2 477	o	
	463		87.52	40.522	463		87 50	40 522	-	0.00%
17 6"	1,812		196.92	356.819	1.812		196.92	356.819	-	0.00%
	1,099		350.12	384,782	1,099		350.12	384,782	0 (0.00%
	44		547.08	24,072	44		547.08	24,072	0	0.00%
	64		787.88	50,424	64		787.88	50,424	0 '	0.00%
21 20" 23			0.00	0			0.00	0	0	0.00%
22 Data E										
24 Public Fire										
26 # of Hydrants	30,107		196.92	5.928.670	30.107		288 92	8 608 383	2 760 713	46 7 2%
27 28 Semi-Applied								,		
	0		98.46	0	0		144.46	0	0	0.00%
31 8										
32 Sub-total		0		\$7,063,317	1 1	0		\$9,833,030	\$2,769,713	39.21%
34 34								٠		
35 Total Rate F and E	li I	60,059	ll I	\$7,154,925	11	60,059		\$9,932,314	\$2,777,389	38.82%
37										
5										

Missouri Public Service Commission	mmission			12 Month Test Period Ended December 31, 2002	Tod Ended Dece	nber 31, 2002			Case No WB-2003-YYY
MISSOUTI PUBLIC SERVICE COMMISSION Company: Missouri-American Water Company District: St. Louis	ommission can Water	Company							Case No. WR-2003-XXX Schedule CAS-14-STL
		Present Pro Forma Rates	orma Rates			Prop	Proposed Pro Forma Rates	na Rates	
Line # Class/ Cu	Customer Meter	Sales	Current	Total	Customer	Sales	Dronnend	Total	7
	Billings	(CCF)	Rate	Revenue	Billings	(CCF)	Rate	Revenue	Change
Minimum Charge:									::
Monthly									
5/8"	0		\$0.00	\$0	0		\$0.00	\$0	
3/4"	0		0.00	0	0		0.00	0 1	
-1	0		0.00	0	0		0.00	0 '	
1-1/2"	0		0.00	0	0		0.00	- (
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10 3"	0		0.00	0 (o (000	-	
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Quarte									
18 5/8" 19 3/4"	0 0		0.00	00	0		0.00	0	
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21 1-1/2"	o c		9.0	o c	o		0.00	. 0	
	> C		0.00	o c	o c		0.00		
	o c		0.00	o c			0.00	0	
	· c		0.00	0	0		0.00	0	
	0		0.00	0	0		0.00	0	
	0		0.00	0	0		0.00	0	
	0		0.00	0	0		0.00	0	
	0		0.00	0	0		0.00	0	
28 12"	0		0.00	0	0		0.00	0	0
29 30					•			Ó	
		377,167	0.363200	136,987		377,167	0.363200	136,987	
33 Quarterly All Water		0	0.363200	0		0	0.363200	0	
34 Monthly Fixed Chg and Cr	ರ g	0		0		0 (
	and Cr	0		0		0 (0 0	
				764,000		í		764,000	0 (
	1		1		ı		ı		
38 Otal	11	377,167	li	\$900,987	•	377,167	11 1	\$900,987	\$0

Rate J: Rate	Missouri Public Service Commission Company: Missouri-American Water Company District: St. Louis Present Line # Class/ Customer Description Meter Sales	Customer Meter	Test Year Company Present Pro Forma Rates Sales Current	Test Year (Operating Reven 2 Month Test Pe	Test Year Operating Revenues at Present Rates vs Proposed Rates 12 Month Test Period Ended December 31, 2002 ma Rates Customer	es vs Proj ber 31, 20		oposed Pro Form	orma R	orma Rates
Sellings (CCF) Rate Richard	Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter	ا بي:			Proposed Pro Forma Proposed	Proposed Pro Forma Rates Proposed Total
64 \$6.15 20 6.87 444 8.31 11.50 11.90 76.3 16.20 63.5 27.68 810 40.59 42.6 76.48 111.5 119.54 37 176.96 0 0.00 0 0	Rate J: Minimum Charge:	i i	(00)	ide	NO VOI ING	Cili			(CCF) Nate		7.alc
20 6.87 44 8.31 165 11.90 763 16.20 635 27.68 810 40.59 426 76.48 115 119.54 37 176.96 0 0.00	5/8"	64		\$6.15	\$394	64			\$8.50	\$8.50 \$544	
44 8.31 165 11.90 763 16.20 635 27.68 810 40.59 426 76.48 115 119.54 37 176.96 0 234.36 0 0.00 0 0.0	3/4"	20		6.87	137	20			8.70		174
165 11.90 763 16.20 763 16.20 76.38 810 40.59 42.6 76.48 119.54 37 176.96 0 234.36 0 0.00 0 0.753400 7 9,946,139 0.753400 7 9,941,890 87	-	44		8.31	366	44			9.70		427
2" 763 16.20 3" 635 27.68 4" 810 40.59 6" 426 76.48 10" 37 176.96 12" 0 234.36 Quarterly 5/8" 0 000 1" 0 000 1" 0 000 1" 0 000 2" 0 000 4" 0 000 8" 0 000 8" 0 000 10" 0 000 12" 1 000 12" 1 17" 1		165		11.90	1.964	165			14 00	v	2310
3" 635 27.68 4" 810 40.59 6" 426 76.48 8" 115 119.54 10" 37 176.96 12" 0 234.36 Quarterly 5/8" 0 0.00 3/4" 0 0.00 1-1/2" 0 0.00 2" 0 0.00 4" 0 0.00 4" 0 0.00 6" 0 0.00 6" 0 0.00 10" 0 0.00 10" 0 0.00 12" 0 0.00 Monthly All Water 0 9,946,139 0.753400 Quarterly Fixed Chg and Cr Quarterly Fixed Chg and Cr Quarterly Fixed Chg and Cr Quarterly Fixed Chg and Cr 0 0.753400 Total 9,946,139 0.753400 37 0 0.753400 7 0 0.753400		763		16.20	12.361	763			16 20		10 361
4" 810 40.59 6" 426 76.48 8" 115 119.54 10" 37 176.96 12" 0 234.36 Quarterly 5/8" 0 0 0.00 3/4" 0 0 0.00 1-1/2" 0 0 0.00 2" 0 0 0.00 4" 0 0 0.00 6" 0 0.00 8" 0 0 0.00 10" 0 0.00 12" 0 0 0.00 12" 0 0 0.00 Monthly All Water 0 9,946,139 0.753400 Quarterly Fixed Chg and Cr Quarterly Fixed Chg	_	635		27.68	17.577	635			56.00	56 00 35 560	35 560
6" 426 76.48 8" 115 119.54 10" 37 176.96 12" 0 234.36 Quarterly 5/8" 0 0.00 3/4" 0 0.00 1-1/2" 0 0.00 4" 0 0.00 8" 0 0.00 6" 0 0.00 8" 0 0.00 12" 0 0.00 12" 0 0.00 12" 0 0.00 Monthly All Water 0,946,139 0.753400 Quarterly Fixed Chg and Cr 0 Quarterly Fixed Chg and Cr 0 Quarterly Fixed Chg and Cr 0 Quarterly Fixed Chg and Cr 0 Quarterly Fixed Chg and Cr 0 9,441,890 57		810		40 59	32 878	810			110.00		80 100
8" 115 119.54 10" 37 176.96 12" 0 234.36 Quarterly 5/8" 0 0 0.00 3/4" 0 0 0.00 1-1/2" 0 0 0.00 0.00 6" 0 0.00 6" 0 0.00 12" 0 0 0.00 12" 0 0 0.00 12" 0 0 0.00 12" 0 0 0.00 12" 0 0 0.00 12" 0 0 0.00 0.00 12" 0 0 0.00 0.00 12" 0 0 0.00 0.00 12" 0 0.753400 7 Quarterly All Water Quarterly Fixed Chg and Cr Quarterly Fixe		426		76.48	32,580	426	0, (0, (201.00		201.00
10" 37 176.96 12" 0 234.36 Quarterly 5/8" 0 0.00 3/4" 0 0.00 1-1/2" 0 0.00 4" 0 0.00 6" 0 0.00 8" 0 0.00 10" 0 0.00 12" 0 0.00 8" 0 0.00 12" 0	13 &	115		119.54	13,747	115			261.00		30 015
12" 0 234.36 Quarterly 5/8" 0 0.00 3/4" 0 0.00 1-1/2" 0 0.00 2" 0 0.00 4" 0 0.00 8" 0 0.00 8" 0 0.00 10" 0 0.00 12" 0 0.00 12" 0 0.00 12" 0 0.00 10" 0 0.		37		176.96	6,548	37				380.00	380.00
Quarterly 5/8" 0 0.00 3/4" 0 0.00 1" 0 0.00 1-1/2" 0 0.00 2" 0 0.00 4" 0 0.00 6" 0 0.00 8" 0 0.00 10" 0 0.00 12" 0 0.00 12" 0 0.00 Wolumetric Charges: 0 0.00 Monthly All Water 0 0.00 Quarterly Fixed Chg and Cr 0 0.753400 Quarterly Fixed Chg and Cr (504,249) 0 Quarterly Fixed Chg and Cr 0 0.753400 37 0 0.753400 0 48 0 0.753400 0 49 0 0.753400 0 40 0 0.753400 0 40 0 0.753400 0 40 0 0.753400 0 40 0 0 0 40 0<		0		234.36	0	0	_	J		532.00	532.00 0
5/8" 0 0.00 3/4" 0 0.00 1-1/2" 0 0.00 2" 0 0.00 4" 0 0.00 8" 0 0.00 8" 0 0.00 10" 0 0.00 12" 0 0.00											
3/4" 0 0.00 1-1/2" 0 0.00 2" 0 0.00 3" 0 0.00 4" 0 0.00 8" 0 0.00 8" 0 0.00 10" 0 0.00 12" 0 0.00 12" 0 0.00 12" 0 0.00 12" 0 0.00 12" 0 0.00 12" 0 0.753400 7 Quarterly All Water 0 0.753400 Monthly Fixed Chg and Cr (504,249) Quarterly Fixed Chg and Cr 0 0.753400 Total 9,441,890 57		0		0.00	0	0	_		12 20	12 20	12 20 0
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1-1/2" 0 0.00 2" 0 0.00 3" 0 0.00 4" 0 0.00 6" 0 0.00 8" 0 0.00 10" 0 0.00 12" 0 0.00 12" 0 0.00 Monthly All Water 0,946,139 0.753400 Quarterly Fixed Chg and Cr (504,249) Quarterly Fixed Chg and Cr 0 0.753400 Total 9,441,890 \$7		0		0.00	0 (-	•			16.00	16.00
2" 0 0.00 3" 0 0.00 4" 0 0.00 6" 0 0.00 8" 0 0.00 10" 0 0.00 12" 0 0.00 12" 0 0.00 Monthly All Water 0,946,139 0.753400 7 Quarterly All Water 0 0.753400 Quarterly Fixed Chg and Cr (504,249) Quarterly Fixed Chg and Cr 0 0.753400 0		0		0.00	o (.	<u> </u>			28.70	28.70 0
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4" 0 0.00 6" 0 0.00 8" 0 0.00 10" 0 0.00 12" 0 0.00 12" 0 0.00 12" 0 0.00 12" 0 0.00 12" 0 0.753400 7 Quarterly All Water 0 0.753400 Quarterly Fixed Chg and Cr (504,249) Quarterly Fixed Chg and Cr 0 0 0.753400 Total 9,441,890 \$7		0		0.00	0		0	0		153.00	153.00 0
6" 0 0.00 8" 0 0.00 10" 0 0.00 12" 0 0.00 12" 0 0.00 12" 0 0.00 Volumetric Charges: Monthly All Water 9,946,139 0.753400 7 Quarterly All Water 0 0.753400 Monthly Fixed Chg and Cr (504,249) Quarterly Fixed Chg and Cr 0 0 0.753400 Total 9,441,890 \$7		0		0.00	0	_	_			318.00	318.00 0
8" 0 0.00 10" 0 0.00 12" 0 0.00 12" 0 0.00 Volumetric Charges: Monthly All Water 9,946,139 0.753400 7 Quarterly All Water 0 0.753400 Monthly Fixed Chg and Cr (504,249) Quarterly Fixed Chg and Cr 0 0 Total 9,441,890 \$7		0		0.00	0		<u>.</u>	0		588.00	588.00 0
Volumetric Charges: Monthly All Water Quarterly All Water Monthly Fixed Chg and Cr Quarterly Fixed Chg and Cr 0 7 7 7 7 7 7 7 7 7 7 7 7		0		0.00	0		0	0			769.00
Volumetric Charges: 0 0.00 Monthly All Water 9,946,139 0.753400 7 Quarterly All Water 0 0.753400 7 Monthly Fixed Chg and Cr (504,249) 0 0 Quarterly Fixed Chg and Cr 0 0 3,441,890 37		C		0.00	0		0	0	0 1,126.00	1,126.00	1,126.00 0
Volumetric Charges: Monthly All Water 9,946,139 0.753400 7 Quarterly All Water 0 0.753400 Monthly Fixed Chg and Cr (504,249) Quarterly Fixed Chg and Cr 0 Total 9,441,890 \$7		0		0.00	0		0	0		1,582.00	1,582.00 0
Volumetric Charges:9,946,1390.7534007Monthly All Water9,946,1390.753400Quarterly All Water00.753400Monthly Fixed Chg and Cr(504,249)Quarterly Fixed Chg and Cr0							•	•			190021100
Monthly All Water 9,946,139 0.753400 7 Quarterly All Water 0 0.753400 Monthly Fixed Chg and Cr (504,249) Quarterly Fixed Chg and Cr 0 Total 9,441,890 \$7		es:									
Monthly Fixed Chg and Cr (504,249) Quarterly Fixed Chg and Cr 0 Quarterly Fixed Chg and Cr 0 Total 9,441,890 \$7			9,946,139	0.753400	7,493,421			9,946,139	9,946,139 0.819500		0.819500
Quarterly Fixed Chg and Cr (504,249) Quarterly Fixed Chg and Cr 0 Total 9,441,890 \$7		у ч -	0	0.753400	0			0		0.819500	0.819500 0
Total 9,441,890		g and Cr hg and Cr	(504,249) 0		(542,623) 0			(504,249) 0	(504,249) 0	(504,249) (542,623) 0 0	
		ı	9.441.890	1 .	\$7 069 350		1	9 441 890	9 441 890	0 441 800	C7 979 /15
	39 40										

				1:	2 Month Test Pe	12 Month Test Period Ended December 31, 2002	mber 31, 200	2			
Missouri F Company:	ublic Service: Missouri-An	Missouri Public Service Commission Company: Missouri-American Water Company	n r Company							Case No Schedu	Case No. WR-2003-XXX Schedule CAS-14-STL
			Present Pro Forma Rates	orma Rates			Pror	Proposed Pro Forma Rates	na Rates		Page 8 of 8
Line #	Class/	Customer Meter	Sales	Current	Total	Customer			1)	
I		Billings	(CCF)	Rate	Revenue	Billings	(CCF)	Rate	Revenue	Change	Change
3 Rat	Rate K: Minimum Charge										
	Monthly										
ົບ	5/8	7		\$6.15	\$43	7		\$8.50	\$60	\$17	39.53%
1 0	3/4"	38		6.87	261	38		8.70	331	70	26.82%
` `	_	0		8.31	0	0		9.70	0	0	0.00%
, α	1-1/2"	0		11.90	0	0		14.00	0	0	0.00%
ေ	Ŋ	0		16.20	0	0		16.20	0	0	0.00%
: 3	္မယ္ခ	0		27.68	0	0		56.00	0	0	0.00%
3 =	4	0		40.59	0	0		110.00	0	0	0.00%
3 7	္ တ	o c		76.48	0	0		201.00	0	0	0.00%
<u></u>	1 0	-		176.06	o c	0		261.00	o 0	0	0.00%
5	121	.		23.4 3.6	o c	· ·		380.00	o c	o C	0.00%
б ;	i	Ó		70.70	c	c		332.00	c	c	0.00%
	Quarterly										
	5/8"	1,446		19.10	27,619	1,446		12.20	17,641	(9,978)	-36.13%
3 6	3/4"	1,200		21.26	25,512	1,200		13.00	15,600	(9,912)	-38.85%
2 2	` } -	222		25.57	5,677	222		16.00	3,552	(2,125)	-37.43%
3 1	1-1/2"	27		36.33	981	27		28.70	775	(206)	-21.00%
3 6	<u> </u>	340		49.24	16,742	340		35.30	12,002	(4,740)	-28.31%
2 7	۽ د	3 6		83.70	2,678	3 23		153.00	4,896	2,218	82.82%
7 7	ņ +	2 2		122.45	2,694	: 22		318.00	6,996	4,302	159.69%
2 6	ည္ရင	π 4		250.70	10,124	144		588.00	25,872	15,748	155.55%
27	10° °	<u>ა</u> ე-		531 51	15,323	3 5		1 136 00	39,219 33,700	20,896	114.04%
28	<u>1</u>	- 6		702.75		o 6		1,126.00	33,/80	17,835	111.85%
29	i	(0	ć	c		1,302.00	c	c	0.00%
32 Voi	Monthly-First 1500 Gallons	0 Gallons	5 0	0 000000	Þ		ħ O	1 0000	3	3)
	Monthly > 1500 Gallons	allons	695	1.681000	1.168		695 5	1.653100	1 149	(10)	-1 63%
	Quarterly-First 4500 Gallons	i00 Gallons	13,095	0.000000	0		13.095	1.653100	21 647	21 647	0.00%
	Quarterly > 4500 Gallons	Gallons	209,706	1.681000	352,516		209,706	1.653100	346,665	(5.851)	-1 66%
	Monthly Fixed Chg and Cr	ng and Cr	0		0		0		0	0	0.00%
	Quarterly Fixed Chg and Cr	hg and Cr	0	ĺ	0	ı	0	I	0	0	0.00%
30 I Otal	<u>m</u>		223,555	II.	\$480,283	Π	223,555	II	\$530,283	\$50,000	10.41%
40											
ż											

		Overall Revenue Requirement Summary For the Test Year Ended December 31, 2002		
Missouri Public Service Commission Company: Missouri-American Water Company District: Warrensburg	mmission can Water Company			Case No. WR-2003-XXX Schedule CAS-2-WAR Page 1 of 1
Line No.				
<i>2</i> N →				
) 4 K	Description	Schedule	Amount	
7 6 6	Rate Base	CAS-3-WAR	\$9,486,447	
ο ω -	Operating Income at Present Rates	CAS-8-WAR	636,593	
10	Earned Rate of return		6.71%	
3 23 =	Requested Rate of Return	Grubb Testimony	8.30%	
15 14 0	Required Operating Income		787,375	
17 6 6	Operating Income Deficency		150,782	
ô æ =	Gross Revenue Conversion Factor		1.64022	
20 0	Revenue Deficiency		247,315	
23 25	Adjusted Operating Revenues	CAS-8-WAR	2,473,801	
27 27 27 27 27	Total Revenue Requirement		\$2,721,116	
3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Gross Revenue Conversion Factor Revenue Uncollectibles PSC Assessment Before Tax Amount State Income Taxes Federal Income Taxes Total Taxes and Expenses Net Amount	r \$1,000.000 1.04520% 10.452 0.00000% 0.000 989.548 5.21327% 51.588 3.17536% 328.286 390.326 \$609.674		
5 65 65 S	Conversion Factor	1.64022		

			Test Year Ended December 31, 2002	1. 2002		
Missor Compa Distric	Missouri Public Service Commission Company: Missouri-American Water Company District: Warrensburg				Case No. WR-2003-XXX Schedule CAS-3-WAR Page 1 of 1	ase No. WR-2003-XXX Schedule CAS-3-WAR 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 10 0	Utility Plant in Service	CAS-4-WAR	15,159,102	809,493	15,968,595	
o 7 0	Accumulated Provision for Depreciation	CAS-5-WAR	(2,618,119)	(370,376)	(2,988,495)	
င္ပဲ တ	Accumulated Amortization	W/P's	0	0	0	
3 = 5	Utility Plant Acquisition Adjustments	W/P's	0	15,309	15,309	
1 2 4 1	Net Utility Plant		12,540,983	454,426	12,995,409	
3 7 6 5	Less: Customer Advances Contributions in Aid of Construction	CAS-6-WAR	430,991 2 177 363	254,398 (38,704)	685,389 6.435.650	
19 13	Contributions in Aid of Construction Accumulated Deferred ITC (3%)	CAS-6-WAR W/P's	2,174,363 0	(38,704) 0	2,135,659 0	
8228	Deferred Income Taxes Pension Liability	W/P's W/P's	699,766 68,839	47,063 66,796	746,829 135,635	
24 25 32	Subtotal		3,373,959	329,553	3,703,512	
28 27	Add: Cash Working Capital Materials and Supplies	CAS-7-WAR W/P's	45,204 7,466	000	0 45,204	
2 22 22 22	Prepayments OPEB's Contributed to External Fund Premature Retirement Regulatory Deferrals	WP's WP's	7,466 68,548 0 47,521	0 (1,816) 0 27,627	7,466 66,732 0 75,148	
2 22 E	Subtotal		168,739	25,811	194,550	
38 37	Total Original Cost Rate Base		9,335,763	150,684	9,486,447	

For the	
Test Ye	Utility
ar Endec	_
For the Test Year Ended December 31, 2002	Plant in Service
ber 31,	
2002	

			of the con thises becomes on the	0 1, A004		
Company: Missouri-A District: Warrensburg	Missouri Varrensbu	Missouri Public Service Commissior Company: Missouri-American Water Company District: Warrensburg			Case I Sche	Case No. WR-2003-XXX Schedule CAS-4-WAR Page 1 of 2
Line #			Per Books	Pro Forma	Pro Forma	
>	Acct No	Account Description	12/31/02	Adjustments	UPIS	
 ω Ν	301	Intangible Plant Organization	P	67 244	e7 3/1	
	300	Franchise & Consents	71 083 0	÷,,,+	- COC	
σ 1 .	303 1	Miscellaneous Intangible Plant Studies	ر,ورن 0	4.100	4.100	
u တ		Subtotal	5,083	11,441	16,524	
· ~)	Source of Supply Plant				
 o o	313	Cand & Land Rights	9,981	200	9,981	
<u></u>) -	Oraciales & Hisprovenients	26,376	18,420	44,796	
<u>.</u>	313 K	Collection & Impound Resevoirs	> C	> C	0	
12	314	Wells & Springs	799 149	- (799 149	
13	316	Supply Mains	182,694	0 (182.694	
1 1 4 R		Subtotal Subtotal	1,018,200	18,420	1,036,620	
16	320	Pumping Land & Land Rights	D	o	D.	
17	321	Pumping Structures & Improvements	88,185	6.447	94.632	
18	322	Boiler Plant Equipment	0	0	0	
8 6	0 0 0 0	TOICE Mails	5,325	c	5,325	
21 6	324 325	Steam Fumping Equipment	200 8 7 1	- 0	200 8 7 1	
22	326	Diesel Pumping Equipment	0	0 (0	
23	327	Pump Equip Hydraulic	0	0	0	
25 25 25	328	Other Pumping Equipment	12,673 406,054	6 447	12,673	
26		Treatment Plant				
27	330	Water Treatment Land & land Rights	511	0	511	
28	3 33	Water Treatment Structures & Improvements	786,691	101,308	887,999	2502355706
29	33.2	Water Treatment Equipment	3,432,911	, 0	3,432,911	
<u>ა</u> გ	332.4	water i rearment Equipment - Filter Frant Subtotal	4.220.113	101.308	4.321.421	v
32) }	Transmission & Distribution Plant				uman ang sa
. c	340	I ransmission & Distribution Land	37,348	0	37,348	
— ა დ 4 п	341	Transmission & Distribution Structures & Improvement	84,116	0	84,116	Named States Cal
	24.0	Distribution Reservoirs & Standpipes	588,541	12,894	601,435	
3 G	343	Transmission & Distribution Mains Conv	3,129,581) O	3,129,581	
<u>۔</u>	3 43. 3 -	Transmission & Distribution Mains < 4"	56,822)))) (56,822	
 39 &	343.2	Transmission & Distribution Mains 6" - 8"	1,146,690 781 215	285,252 5 526	1,431,942 786 741	
40		Subtotal	5,824,313	303,672	6,127,985	

	Utility Plant in Service			
Fort	For the Test Year Ended December 31, 200	per 31, 2002		
			Case No. WR-2003-XXX	2003-XXX
Company: Missouri-American Water Company			Schedule CAS-4-WAR	S-4-WAR
District: Warrensburg			סרַ	Page 2 of 2
Line #				
	Per Books	Pro Forma	Pro Forma	

37	සු ස	34	ယ္သ	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	6	5	14	13	12	=	10	9	œ	7	တ	Ŋ	4	C	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		
\$15,159,102	399,863	6.726	41 870	2038	12.402	22.694	55.594	12,949	0	0	0	0	77,006	0	0	0	431	32,242	0	0	133.680	0	2,222		9 109 789	0	676 264	594.511	204,671	0	212,048	1,506,997	90,985	5,824,313	12/31/02	Der Rooke
\$809,493	145,171	0 2 2	22.0	420	100	0	737	155	0	0	2.520	0	21.214	205	2.247	9,071	11,684	94,139	0	0	2.459	0	0	0100	526 706	0	26 7 <u>09</u>	0	0	0	114.551	81.774	0	303,672	Adjustments	D Company
\$15,968,595	545,034	6 726 6 726	43,430	2 4 7 8	12.504	22 694	56.331	13.104	0	0	2.520	0	98.220	20 5	2.247	9.071	12.115	126.381	0 (0	136 139	0	2.222	0,000,700	9 636 495	0 0	702 973	594 511	204.671		326.599	1 588 771	90.985	6,127,985	UPIS	Dro Como

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Test Y	cumulai
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Test Year Ended December 31, 2002	Depreciation and /
ber	and
<u>μ</u>	Amorti
2002	ortization

Ai))	D.hlin Co.	Missouri Dublic Comico Commission	lest Year Ended December 31, 2002	2002		
Company District: \	Company: Missouri-A District: Warrensburg	Company: Missouri-American Water Company District: Warrensburg			C	Schedule CAS-5-WAR Page 1 of 2
Line #			Per Books	Pro Forma	Pro Forma	
	Acct No	Account Description	12/31/02	Adjustments	Reserve	
ω N	301	Intangible Plant	3	3	}	
	302	Franchise & Consents	5	o 6	o €	
O1	303	Miscellaneous Intangible Plant Studies	0 (21.677	21 677	
7 6		Suirce of Supply Plant	0	21,677	21,677	
8	310	Land & Land Rights	0	0	-	
9	311	Structures & Improvements	742	(71 <u>2</u>)	3 3	
 2 3	312	Collection & Impound Resevoirs	0		0	
3:	21 C	Wells & Springs		,)	
ದೆ 1	316	Supply Mains	56,566 35,731	16,702 3 964	38 505 505	
114		Subtotal	103,039	18,954	121,993	
த் 2	320	Pumping Flant & Land Rights	o	o	Þ	-
17	321	Pumping Structures & Improvements	31.534	1.297	32.831	-
1 2 2	322 323	Boiler Plant Equipment Force Mains	00	200	200	
20	324	Steam Pumping Equipment	0 (0	0	
3 2	325	Electric Pumping Equipment	(132,705)	10,363	(122,342)	-
2 23	327	Pump Equip Hydraulic	- 0	. 0	0	
24 25	328	Other Pumping Equipment Subtotal	5,372 (95,799)	263 12.026	5,635 (83,773)	
26 27	330	Treatment Plant Water Treatment I and & land Rights	o	>	•	
28	331	Water Treatment Structures & Improvements	62,104	15,260	77,364	
 8 %	33.2	Water Treatment Equipment	392,027	92,832	484,859	
<u> </u>	332.4	water Hearment Equipment - Fliter Plant Subtotal	2,411 456,542	108,092	<u>2,411</u> 564,634	
33 X	340	Transmission & Distribution Plant Transmission & Distribution I and	Þ	Þ	>	
34	341	Transmission & Distribution Structures & Improvements	ıts 2,319	4,287	6,606	
3 35	342	Distribution Reservoirs & Standpipes	159,329	9,568	168,897	·
37 36	343 343	Transmission & Distribution Mains Conv	1,080,959	44,895	1,125,854	
 မ္တ ५	343.7	Transmission & Distribution Mains 6" - 8"	ာဝ	787	787 7554)	
39	343.3			10,360	10,360	
ŧ		Subtotal	ial 1,242,606	62,344	1,304,950	

	Pro Forma	Pro Forma	Per Books	Line #
Schedule CAS-5-WAR Page 2 of 2				Company: Missouri-American Water Company District: Warrensburg
Case No. WR-2003-XXX				Missouri Public Service Commission
•		ecember 31, 2002	For the Test Year Ended December 31, 200;	
		and Amortization	Accumulated Depreciation and Amortizatio	

37	2 & & 4 & &		32	3	33	29	28	27	26	25	24	23	22	21	20	19	18	17	6	15	14	ಪ	12		5	ဖ	00	7	တ	υ	4	ω	ν.	_	Line #
	399	မှ 98 98	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	Other Langable Property 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		
\$2,618,119	90,273	5,577	4,379	0	0	2,974	5,496	0	34,338	0	0	0	0	0	0	0	(5,818)	0	0	42.922	0	0	1,00	2 064 064	0	174.993	62.910	214,980	0	0	359,286	9,287	1,242,606	Per Books	
\$370,376	74,950	1,750	752	1,854	1,055	2,192	804	0 ((0)	2,653		11,038	448	4,312	19,818	25,556	(1,297)	0	0	3.892	0	o		134 677	0	16 777	12.589	10.581	0	1.555	29,615	1,218	62,344	Pro Forma	
\$2,988,495	528 165,223	7,327	5,131	1,854	1,055	5,166	6,300	0	34,338	2,653	0	11,038	448	4.312	19,818	25.556	(7,115)	0 (;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	46.814	0	0	F, 100, 1 = 1	2 198 741	0	191 770	75.499	225.561	0	1.555	388.901	10.505	1,304,950	Pro Forma	

		Customer Adv For th	Customer Advances and Contributions in Aid of Construction For the Test Year Ended December 31, 2002	Aid of Construction er 31, 2002		
Missouri Compan District:	Missouri Public Servic Company: Missouri-A District: Warrensburg	e Commission merican Water Company				Case No. WR-2003-XXX Schedule CAS-6-WAR Page 1 of 1
Line #						
ა <u>-</u>	Acct No	Account Description	Per Books <u>12/31/02</u>	Pro Forma Adjustments	Pro Forma <u>Balance</u>	
1 & 4	252.11	Customer Advances Advances for Construction - Extensions	365,610	254.398	620,008	
7 6 5	252.71	Advances for Construction - Taxable Extensions Total Customer Advances	65,381 430,991	254,398	65,381 685,389	
1987						
☆ ☆ ;	271.11	Contributions in Aid of Construction Contributions in Aid - NT Mains	120 418	Þ	1300	
: ಪ i	271.12	Contributions in Aid - NT Extension Deposit	53,689	00	53,689	
15 14	2/1.21 271.30	Contributions in Aid - NT Services Contributions in Aid - NT Meters	74,265 0	5 0	74,265 0	
16 17		Contributions in Aid - NT Hydrants Contributions in Aid - NT Other	100,724 3,068	. 0 (100,724	
18	271.71	Contributions in Aid - Taxable Mains	1,746,073	0 0	1,746,073	
3 6	2/1.12	Contributions in Aid - Taxable Extension Deposit	435,137	0	435,137	
22.5	271.37	Contributions in Aid - Taxable Services Contributions in Aid - Taxable Meters	7,895 24,281	0 0	7,895 24,281	
3 23	271.47	Contributions in Aid - Taxable Hydrants	0	0	0	
25 24 25	Vallous	Total Contributions in Aid of Construction	(391,187) 2,174,363	(38,704) (38,704)	(429,891) 2,135,659	
26 27 28 29 31 32 33						
35 36 37						
38 39						
						_

	For the	Working Capital For the Test Year Ended December 31, 2002	ital ecember 31, 2	002			
Missouri Public Servic Company: Missouri-A District: Warrensburg	ce Commission merican Water Company						Case No. WR-2003-XXX Schedule CAS-7-WAR Page 1 of 1
Line#							
		Proforma	Average				
» N		Proposed	Daily	Revenue	Expense	Net	Cash
× 0:	Expense Category	Expense	Expense	Lag	(Lead)/Lag	(Lead)/Lag	Requirment
ນ 1	Tax Withholding	1/8,642	489 233	42.40 43.40	10.23	32.17 25.01	15,745 5,846
ກ (Filel and Power	156.084	200	4 . t .	37.33	20.01	0,010
7	Chemicals	27.246	75	42.40 42.40	36.78	5 63 63	420 420
σ.	Purchased Water	0	0	42.40	53.15	(10.75)	0
9	Service Company Charges	178,276	488	42.40	(4.13)	46.53	22,727
: d	Group Insurance	40,481	111	42.40	(8.54)	50.94	5,650
3 =	CTIES	24,215	000	42.40	(0.04)	42.44	2,816
 જે જે	TOOP COMMENTS	44,003 3 464		42.40	36.78	5 O	691 22
14	Insurance Other than Group	32 394	% 6	42.40 42.40	36.78	5.62 63	ာ် ၁
15	Uncollectables	25,306	69	42.40	36.78	5.62	390
i	Rents	15,499	42	42.40	24.37	18.03	766
10	401(k)	28,222	77	42.40	48.80	(6.40)	(495)
19 0	Ottler Calvi Total O&M Expenses	263,315 1,101,585	721	42.40	36.78	5.62	4,054 61,327
21 0	Depreciation Amortization Expense	3/5 573	0	3		5	
22	Property Taxes	192.241	527	42.40	182.50	42.40 (140 10)	40, 143 (73 789)
23	Public Service Commission Fee	10,831	30	42.40	36.78	5.62	
24	Franchise and Environment Tax	3,818	10	42.40	110.50	(68.10)	
) S	FICA Taxos	332	د ا	42.40	13.44	28.96	26
27	SUTA Taxes	19,290	53	42,40 42,40	62.05 63.05	(19.65) (19.65)	
28	Federal Income Tax - Current	84,961	233	42.40	60.25	(17.85)	
29	State Income Tax - Current	13,351	37	42.40	62.17	(19.77)	(723)
<u>ب</u>	Deferred Income Taxes	95,603	262	42.40	0.00	42.40	
3 5	Interest Expense	333,064	913	42.40	91.15	(48.75)	
33 %	Preierred Dividends Total Working Capital Requirement	2.205.399	3	42.40	45.63	(3.23)_	
34						. 11	
 	Total Cash and Working Capital Requirement Used					II 1	0
37							

Schedule Ended Pro Forma	Company: Missouri-American Water Company District: Warrensburg	iter Company			30000			Case No. WR-2003-XXX Schedule CAS-8-WAR Page 1 of 1
CAS-9-WAR \$2,443,411 \$30,390 \$2,473,801 \$247,315 \$30,390 \$2,473,801 \$247,315 \$30,390 \$2,473,801 \$247,315 \$30,390 \$32,473,801 \$247,315 \$30,390 \$32,473,801 \$32,473,801 \$32,473,801 \$32,473,801 \$32,473,801 \$32,473,801 \$32,473,801 \$32,473,801 \$32,473,801 \$32,474 \$21,799 \$345,573 \$0.00 \$			Schedule Reference	Test year Ended 12/31/02	Adjustments	Pro Forma Present Rates	Adjustments	Pro Forma Proposed Rates
Pance CAS-10-WAR 316,197 155,005 1,071,202 2,585 - CAS-10-WAR 323,774 21,799 345,573 CAS-10-WAR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operating Re	venues	CAS-9-WAR	\$2,443,411	\$30,390	\$2,473,801	\$247,315	\$2,721,116
CAS-10-WAR 323,774 21,799 345,573 CAS-10-WAR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operating Ex	penses and Maintenance	CAS-10-WAR	916 197	155 005	1 071 202) n o n	1 072 787
CAS-10-WAR 175,605 16,636 192,241 CAS-10-WAR 18,495 1,132 19,627 CAS-10-WAR 11,563 0 0 11,563 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Depreciatio Amortizatio	on Expense	CAS-10-WAR	323,774 0	21,799	345,573 0		345,573
CAS-10-WAR 175,605 16,636 192,241 CAS-10-WAR 11,563 0 11,322 19,627 CAS-10-WAR 11,563 0 11,563 0 CAS-10-WAR 3,711 (625) 3,086 94,730	Taxes other	Than Income Taxes						
CAS-10-WAR 11,563 0 13,527 0 13,627 0 13,63 0 0 13,563 0 0 13,563 0 0 13,563 0 0 13,563 0 0 13,563 0 0 13,563 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pavroll Tax	ixes es	CAS-10-WAR	175,605	16,636	192,241		192,241
Before Income Taxes 994,066 (163,557) 830,509 244,730 CAS-12-WAR CAS-12-WAR S ment Tax Credit \$796,065 (\$159,472) \$636,593 \$150,782	PSC Fees Other	•	CAS-10-WAR	11,563 3 711	(605)	11,563	0	11,563
CAS-12-WAR 72,512 12,449 84,961 81,190 24,579 13,351 12,758 94,579 1,024 95,603 0 0	Utility Operat	ing Income Before Income T	axes	994,066	(163,557)	830,509	244,730	1,075,239
\$796,065 (\$159,472) \$636,593 \$150,782	Income Taxe Federal Inc State Incon Deferred In Amortizatio	s come Tax ne Tax come Taxes n of Investment Tax Credit	CAS-12-WAR CAS-12-WAR	72,512 30,910 94,579 0	12,449 (17,559) 1,024	84,961 13,351 95,603 0	81,190 12,758 0	166,151 26,109 95,603 0
	Utility Operat	ing Income		\$796,065	(\$159,472)	\$636,593	\$150,782	\$787,375

Missouri Public Service Commission Company: Missouri-American Water Company District: Warrensburg	For the Test Year Ended December 31, 2002	Year Ended	For the Test Year Ended December 31, 2002	2002			Case No. WR-2003-XXX Schedule CAS-9-WAR Page 1 of 1
Line #	Test year	Eliminate	Bill Analysis	B E	Normalizaton		Pro Forma
2 3 3 3 3	Ending 12/31/02	Unbilled Revenue	And Other Adjustments	Analysis at Rates	& Annual Adjustments	Other Adjustments	Present Rate Revenue
5 Sales of Water 6 Metered Sales							
	\$1,235,688	\$9,488	(\$360)	\$1,244,817	\$16,580		\$1,261,397
9 Industrial	4/8,//1 73,007	3,974	45	482,791	(9,848)		472,943
	353,488	2, 439 (5,952)	16	347,552			76,597 347,552
11 Sales for Resale12 Miscellaneous13	194,130 0	15,119 0	0 2	209,251 0			209,251
14 Total Metered Sales 15	2,336,074	25,069	(136)	2,361,007	6,732	0	2,367,739
17 Sewer Service	0	0	0	0	0	0	0
19 Fire Service 20 Private Fire Service 21	54,725		(1,275)	53,450			53,450
Total Fire Service	54,725	0	(1,275)	53,450	0	0	53,450
Total Sales of Water	2,390,799	25,069	(1,411)	2,414,457	6,732	0	2,421,189
26 Other Operating Revenues 27 Reconnect Charges	4,248			4,248			4,248
	47,380 47,60)			1,043 47,380			1,043 47,380
Rents from Water Property	0			(60) 0			0 0
Total Other Operating Revenues	52,611	0	0	52,611	0	0	52,611
37. T	\$2,443,411	\$25,069	(\$1,411)	\$2,467,069	\$ 6.732	\$	\$2 473 801

The state of the s	
Page 1 of 1	District: Warrensburg
Schedule CAS-10-WAR	Company: Missouri-American Water Company
Case No. WR-2003-XXX	Missouri Public Service Commission
For the Test Year Ended December 31, 2002	
Summary of Operations and Maintenance Expenses and General Taxes	

Line #

28 32 33 34 35 36 36 36 36 36 36 36 36 36 36 36 36 36	4 6 6 6 7 6 6 7 6 6 7 6 7 6 7 6 7 6 7 6	ω Ν
Property Taxes Payroll Taxes PSC Fees Other General Taxes Total Taxes Other Than Income Taxes	Labor Purchased Water 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-WAR which provides additional detail and support.
CAS-11-WAR CAS-11-WAR CAS-11-WAR CAS-11-WAR	Schedule Reference CAS-11-WAR	schedule as shown on Sche
175,605 18,495 11,563 3,711 209,374	Test Year Expense \$240,892 0 144,301 23,174 0 108,393 64,695 20,739 7,763 41,117 51,160 4,307 29,343 86,272 95,041 916,197 323,774 0 323,774	dule CAS-11-WAR which prov
16,636 1,132 0 (625) 17,143	Adjustment \$22,631 0 11,783 4,072 0 69,883 1,090 24,124 (3,833) (8,723) (475) 11,192 1,479 1,626 20,156 155,005 21,799 0 21,799	vides additional detail and sup
192,241 19,627 11,563 3,086 226,517	Pro forma Present Rates \$263,523 0 156,084 27,246 0 178,276 65,785 44,863 3,930 32,394 50,685 15,499 30,822 86,898 115,197 1,071,202 345,573 0 345,573	rovides additional detail and support.

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

41	40	39	8	3 4	3 g	8 6	2 2	ၓ	32	3	30	29	28	27	26	25	24	23	22	2	20	19	1 8	17	16	5	14	3	12		10	9	· œ	7	<u>б</u>	G1	νω 4
									29d	29c	29b	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	⇉	10	9	8	Number	168 Line
				The state of the s	The state of the s		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	
							209,374		3,711	11,563	18,495	175,605		323,774		-	323,774		916,197		95,041	85,272	29,343	4,307	51,160	41,117	7,763	20,739	64,695	108,393		23,174	144,301	-	240,892	31-Dec-02	Test Year Ended
							0							0					22,631																\$22,631	Expense	Schedule CAS-15 p1 Labor
							0							0					1,090										1,090							Expense	Schedule CAS-15 p2 Group ins
							0							0					24,124									24,124								Expense	Schedule CAS-15 p3
							0							0					(71)			(71)														Expense	Schedule CAS-15 p4
							1,132				1,132			0					0																	Expense	Schedule CAS-15 p5
							0							0					11,783														11,783			Expense	Schedule CAS-15 p6
							0							0					4,072													4,072				Expense	Schedule CAS-15 p7
							0							0					0															0		Expense	Schedule CAS-15 p8

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

Company: Missouri-American Water Company Operation: Warrensburg Case No. WR-2003-XXX

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								29d	29c	29b	29a			ļ	28	27				25	21	20	19	18	17	16	15	14	13	12	1	6	9	0.00	Number	168 Line
						Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes		Total Depreciation and Amortization	THI OF MEASURE	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												0					Expense	Schedule CAS-15 p9 Waste Disp.
						0							0					(3,833)								(3,833)									Expense	Schedule CAS-15 p10 Regulatory
						0						ļ	Э					(8,723)							(8,723)										Expense	Schedule CAS-15 p11 Ins. Other
-						0							0					69,883											69,883						Expense	Schedule CAS-15 p12 Mgt Fees
						0							0					11,192					11,192												Expense	Schedule CAS-15 p13 Rent
						0							0					(1,684)				(1,684)							***************************************						Expense	Schedule CAS-15 p13 Rent
						0												(6,385)			(6.385)														Expense	Schedule CAS-15 p13 Rent
						0												0		0															Expense	Schedule CAS-15 p14 Main Breaks
						0						c						3,163				3.163													Expense	Schedule CAS-15 p15 Employee

41	40	39	8	37	3	<u>ن</u>	<u>3</u>	ၓ	32	<u>చ</u>	30	29	28	27	26	25	24	23	23	21	20	19	18	17	16	15	14	3	12	=======================================	6	9	- &	7	σ.	On Ch	α ω 4
									29d	29c	29b	29a				28	27				25	21	20	19	1 8	17	16	15	14	13	12	=	5	9		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	Labor	Description	
							0							0					0			0														Expense	Schedule CAS-15 p16 Transpo.
							16,636					16,636		0					0																	Expense	Schedule CAS-15 p17 Property Taxes
							(732)		(732)					0					0																	Expense	Schedule CAS-15 p18 PSC Assess
							0							0					20,156		20,156															Expense	Schedule CAS-15 p19 Tank Painting
							0							0		0			0																	Expense	Schedule CAS-15 p20 Amortization
							0							0					(475)						(475)											Expense	Schedule CAS-15 p21 Uncollectable
							0							0					0						0											Expense	Schedule CAS-15 p21 Uncollectable
							0						1 1 1 2 2	21,799			21,799		0																	Expense	Schedule CAS-15 p22 Depreciation
							0							О					758			\$758														Expense	Schedule CAS-15 p23 One Call

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

4 6	39	38	37	8	35	<u>4</u>	ၓၟ	32	<u>~</u>	30	29	28	27	26	25	24	23	22	21	20	19	8	17	6	5	4	<u>ت</u>	13	=	õ	ဖ	00	7	О	5	84	2
								29d	290	29b	29a				28	27				25	21	20	19	18	17	16	5	14	13	12	11	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	Labor	Description		
						0							0					5,977			\$5,977														Expense	CAS-15 p24 AAO Security	Schedule
						0							0					1,347			\$1,347														Expense	CAS-15 p25 Relocation	Schedule
						107		\$107					0					0																	Expense	CAS-15 p26 Franchise tax	Schedule
						0							0					0																	Expense	Carocaic	Schedule
						0							0					0																	Expense	Ociledaic	Schedule
																																			Expense	Octionate	Schadula
						0							0					0																	Expense	Octobria	Schedule
						17,143		(625)	0	1,132	16,636		21.799		0	21,799		155,005		20,156	1,626	1,479	11,192	(475)	(8,723)	(3,833)	24,124	1,090	69,883	0	4,072	11,783	0	\$22,631	Adjustments	Present Rate	
						226,517	1		11,563	19,627	192,241	,	345.573		0	345.573		1,071,202		115,197	86,898	30,822	15,499	ĺ	İ		44,863	65,785	178,276	0	27,246	156,084	0	\$263,523	Expense	Total Present	

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For the Test Year Ended December 31, 2002	Ξ
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	rrolonna state and rederal income Taxes at Present and Proposed Rates
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Missouri Public Service Commission
Company: Missouri-American Water Company
District: Warrensburg Case No. WR-2003-XXX Schedule CAS-12-WAR Page 1 of 1

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

Total Addhacks (Dedicate)	Addback (Deducts): Tax over Book Depreciation Non-deductible Meals Amortization Preferred Stock Expense Non-deductible Reserve Deficiency (242,462) 1,006 18	***************************************	Utility Operating Income Before Income Taxes \$830,509	At Present Rates Federal Stat
0	(242,462) 1,006 18	497,535	\$830,509	nt Rates State
C	(242,462) 1,006 18	742,265	\$1,075,239 \$1,075,239	At Proposed Rates Federal State
C	(242,462) 1,006	742,265	\$1,075,239	sed Rates State

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

Property Present Pro Forma Rates Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Proposed Propos	### Proposed Pro Forma Rates Class	Missouri Public Service Commission		12 Month Test Period Ended December 31, 2002	ed December 31, 2002		Case N
Class/ Description Froposed Fro Forma Rates Proposed Fro Forma Rates Monthly Billing: Total (Y00 Gal) Total Revenue Sales (Y00 Gal) Total Revenue Envenue Commercial (Y00 Gal) Total Revenue Envenue Env	Class/ Description Present Pro Forma Rates Proposed Pro Forma Rates Proposed Pro Forma Rates Proposed Pro Forma Rates Class Proposed Pro Forma Rates Earlies Total Class Sales Total Total Coordinate	Company: Missouri-American Water (District: Warrensburg	Company				Case No. WK-2003-XXX Schedule CAS-13-WAR Page 1 of 1
Class/ Description Sales Total (000 Gal) Elementer Commenter	Class/ Description Sales Total (000 Gal) Total Revenue Sales (000 Gal) Total Revenue Classion (000 Gal) Total Revenue Classion (000 Gal) Total Revenue Classion (000 Gal) Total Revenue Classion (000 Gal) Revenue Classion (000 Gal)		Present Pro	o Forma Rates	Proposed Pro	Forma Rates	
Residential 369,785 \$1,261,389 397,785 \$1,331,041 Commercial 43,287 472,915 43,287 472,915 43,287	Residential Commercial 176,107 472,915 31,261,389 Commercial 176,107 472,915 176,107 472,915 Commercial 178,041 43,287 76,597 176,107 427,627 Cher Valer clulries 113,47 209,261 113,47 12,688 Miscellaneous Revenues: Reconnect Changes Reconnect Changes Replication Fee Miscellaneous Revenue Miscellaneous Revenue Sea 577 2,421,154 2,428 4,248 Replication Fee Miscellaneous Other Revenue Rents from Water Property Rents from Water Property Rents from Water Property Rents from Water Property Residential Sea 577 2,2638,788 5,269 1,043		Sales	Total	Sales	Total	Dollar
Residential 369,795 \$1,261,389 365,795 \$1,331,041 Commercial 176,107 472,915 176,107 472,915 176,107 472,915 176,107 472,915 176,107 472,915 176,107 472,927 176,107 472,927 176,107 472,927 176,107 472,927 176,107 472,927 176,107 472,927 176,107 472,927 176,107 472,927 176,107 1	Residential 389,795 \$1,261,389 369,795 \$1,331,041 Commercial 43,287 472,915 176,107 427,2915 176,107 427,2915 176,107 427,2915 176,107 427,2915 176,107 427,2915 176,107 427,2915 176,107 427,2915 176,107 43,287 76,597 43,287 76,597 43,287 76,597 43,287 76,597 43,287 76,597 43,287 76,597 43,287 76,597 176,407 43,287 76,597 176,407 176		(000 Cai)	Novoluo	(OOC Gai)	Nevellue	Clange
Commercial 176,107 472,915 176,107 427,527 Other Public Authority 158,041 342,827 76,527 43,287 70,548 Other Vader Utilities 111,347 209,281 111,347 182,861 Miscellaneous Frie 0 0 0 111,347 182,861 Public Frie 0 53,450 0 23,450 Total 858,577 2,421,154 858,577 2,438,80 Reconnect Charges 4,248 4,248 Returned Check Charge 4,248 4,248 Application Fee 4,380 47,380 Miscellaneous Other Revenue (60) 0 60) Rents from Water Property \$2,473,765 \$2,681,389 1,043 47,380 47,380 60) 0 60) 0 60) 60) 60) 60) 0 60) 60) 60)	Commercial 176,107 472,915 176,107 427,627 Other Public Authority 138,041 347,522 43,287 70,548 Other Water Utilities 11,347 209,281 111,347 326,381 Miscellaneous Frie 0 53,450 0 53,450 Public Fire 0 53,450 0 53,450 Total 888,577 2,421,154 246,280 53,450 Recornect Charges 4,248 4,248 4,248 Returned Check Charge 47,380 47,380 47,380 Miscellaneous Other Revenue (80) 60) 60) Rents from Water Property 82,473,765 \$2,691,399 \$2,691,399		369,795	\$1,261,389	369,795	\$1,331,041	\$69,652
Other Public Authority 158,041 347,552 158,041 363,831 Other Water Utilities 111,347 209,281 111,347 122,861 Miscellaneous Fire 0 0 53,450 0 0 Public Fire 0 53,450 0 0 53,450 Public Fire 0 0 53,450 0 246,880 Total 858,577 2,421,154 858,577 2,688,788 8 Reconnect Charges 4,248 4,248 4,248 4,248 4,248 Application Fee 4,380 4,380 4,380 4,380 4,380 Miscellaneous Other Revenue (60) 0 60 <	Other Public Authority 158,041 347,552 158,041 363,381 Other Water Utilities 111,347 209,281 111,347 182,881 Miscellaneous Fire 0 0 53,450 0 63,450 Public Fire 0 53,450 0 246,880 6 Total 858,577 2,421,154 858,577 2,638,788 5 Reconnect Charges 4,248 1,043 4,248 4,248 Returned Oheck Charge 47,380 47,380 47,380 Miscellaneous Other Revenue (80) 0 60) 0 0 0 60) 0 0 0 0 60) 0 0 0 0 0 0		176,107 43 287	472,915 76,597	176,107 43 287	427,627	(45,288)
Other Water Utilities 111,347 209,251 111,347 182,861 Miscellaneous 0 53,450 0 0 Private Fire 0 0 53,450 0 0 Public Fire 0 0 246,880 10 Total 858,577 2,421,154 858,577 2,638,788 \$ Reconnect Charges 4,248 4,248 4,248 Returned Check Charge 1,043 4,248 1,043 Application Fee 1,043 47,380 47,380 Miscellaneous Other Revenue (60) (60) (60) Rents from Water Property 0 \$2,473,765 \$2,691,399 \$2,691,399	Other Water Utilities 111,347 209,251 111,347 182,861 Miscellaneous 0 53,450 0 0 53,450 Public Fire 0 0 53,450 0 0 246,860 50 Total 858,577 2,421,154 858,577 2,46,860 5 Reconnect Charges 4,248 4,248 4,248 Returned Obeck Charge 1,043 1,043 1,043 Application Fee 47,380 47,380 47,380 Miscellaneous Other Revenue (60) 0 60) 60) Rents from Water Property 0 52,473,765 \$2,691,399		158,041	347.552	158.041	326 <u>.</u> 381	(0,048) (21,171)
Miscellaneous 0 0 0 0 53,450 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Miscellaneous 0 0 0 53,450 0 0 70 70 70 70 70 70 70 70 70 70 70 7		111,347	209,251	111,347	182,861	(26,390)
District 10	Debitic Fire 0		0	0	0	0	0
Miscellaneous Revenues:	Miscellaneous Revenues:		> C	53,450 0	0	53,450 346,880	346 880
Miscellaneous Revenues: 4,248 4,248 Reconnect Charges 1,043 1,043 Returned Check Charge 47,380 47,380 Application Fee 47,380 47,380 Miscellaneous Other Revenue (60) (60) Rents from Water Property \$2,473,765 \$2,691,399	Miscellaneous Revenues: 4,248 4,248 Reconnect Charges 1,043 1,043 Returned Check Charge 4,380 1,043 Application Fee (60) 47,380 Miscellaneous Other Revenue (60) (60) Rents from Water Property \$2,473,765 \$2,691,399		858, <u>577</u>	2,421,154	858,577	2,638,788	\$217,634
Reconnect Charges Returned Check Charge 1,043 Application Fee 47,380 Miscellaneous Other Revenue Rents from Water Property \$2,473,765 \$2,473,765 \$2,691,399 \$2,691,399	Reconnect Charges Returned Check Charge 1,043 Application Fee Application Fee A7,380 Miscellaneous Other Revenue (60) Rents from Water Property \$2,473,765 \$2,473,765						
Returned Check Charge 1,043 Application Fee 47,380 47,380 Miscellaneous Other Revenue (60) Rents from Water Property 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Returned Check Charge 1,043 Application Fee 47,380 47,380 Miscellaneous Other Revenue (60) (60) Rents from Water Property \$2,473,765 \$2,473,765 \$2,473,765 \$2,691,399			4,248		4,248	0
Miscellaneous Other Revenue (60) (60) (60) (60) (60) (60) (60) (60)	Miscellaneous Other Revenue (60) (60) Rents from Water Property 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			1,043 47,380		1,043 47,380	00(
\$2,473,765	\$2,473,765			(60)		(60) 0	0 0
		23 24		\$2,473,765		\$2,691,399	217.634
27 28 29 30 30 31 31 32 33 34 34 35	27 28 29 30 31 31 31 32 33 33 34 35 36 37	25 ·					
29 30 31 31 32 33 34 35 36	29 30 31 31 32 32 33 33 34 34 35 36 37	27 28					
31 32 32 33 34 35 36	31 32 33 33 34 35 36 37	29					
33 34 35 36 37	33 34 35 36 37 38 38	3 3 6					
35 36 37	35 35 36 37 38 39 39 39 39 39 39 39 39 39 39 39 39 39	33					
37	37 38 39	35					
<u> </u>	39	37					

## Case No. WR-200 Schedule CAS-1 Proposed Total Dollar Percental Rate Revenue Change					12	Test Year Operating Revenues at Present Rates vs Proposed Rates 12 Month Test Period Ended December 31, 2002	iod Ended Dec	Rates vs Propo ember 31, 200	sed Rates			
Present Pro Forma Rates	Missou Compa District	ıri Public Servic ıny: Missouri-Ar I: Warrensburg	e Commissio nerican Wate	r Company							Case No Schedul). WR-2003-XXX le CAS-14-WAR
Classor Customer Change Total Dollar Parcental Residental: Billings (200 Gal) Rasis Revenue Change Change <th></th> <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 i oi r</th>				Present Pro F	orma Rates			Prop	osed Pro Form	a Rates		rage i oi r
Residential: Ellings (7000 Ge) Rate Revenue Relings (7000 Ge) Rate Clouded Revenue Clouded Relings Cloud Ge) Rate Clouded Relings Cloud Ge) Rate Clouded Clo	Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer		Droposed	Total		
Melintum Charlaty 66897 \$7.08 \$472,144 66,687 \$3.50 \$556,840 \$94,896 34" Monthly 12 9.06 \$472,144 66,687 \$3.50 \$556,840 \$94,896 1" Monthly 12 12,24 1,908 149 22,288 360 2" Monthly 0 22,33 0 0 25,000 0 2" Monthly 0 50,24 0 0 22,000 0 4" Monthly 0 50,24 0 0 22,000 0 4" Monthly 0 50,24 0 0 118,00 0 4" Monthly 0 50,24 0 0 118,00 0 0 4" Monthly 0 306,65 0 0 222,00 0 0 2" Monthly 0 50,029 0 0 1,022,00 0 0 12" Monthly 0 50,029 0 0 1,022,00 0	_		Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Sign Morthly 12 57,00 \$472,144 66,687 \$85,0 \$556,840 \$94,696 \$14 \$12 \$10,90 \$12 \$10,90 \$135 \$23 \$10 \$10,90 \$135 \$23 \$10 \$10,90 \$135 \$23 \$10 \$10,90 \$135 \$23 \$10 \$10,90 \$135 \$23 \$10 \$10,90 \$135 \$23 \$10 \$10,90 \$135 \$23 \$10 \$10,90 \$135 \$23 \$10 \$10,90 \$135 \$10,90		Residential:									{	C
Sur-Interity 12		5/8" Monthly			\$7 08	\$475 14A	66 697		e 0 70 0	\$ECC 040	900	2000
"Monthly 149		3/4" Monthly	12		906	110	10		10.00	435	94,090 33	20.00%
2" Monthly 0 22.33 0 0 23.80 0 0 22.80 0 0 23.80 0 0 24.80 0 0 0 24.80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1" Monthly	149		12.84	1.908	149		15.40	2 288 2 288	380	19 92%
2" Monthly 0 60.24 0 0 72.00 0 0 2 30.00 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	0		26.80	0	0 0	0.00%
3" Monthly 4" Monthly 0 60.24 0 0 72.00 0 0 18.00 0 0 19.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2" Monthly	0		33.71	0	0		40.50	0 (o (0.00%
4" Monthly 0 198.15 0 118.00 0 22.00 0 12.00 0		3" Monthly	0		60.24	0	0		72.00	0 (- (0.00%
8° Monthly 0 192.93 0 0 232.00 0 0 8° Monthly 0 306.55 0 0 0 380.00 0 0 10 10 10 10 10 10 10 10 10 10 10		4" Monthly	0		98.15	0	0		118.00	0 (0 (0.00%
10° Monthly 0 306.55 0 0 0 388.00 0 0 0 10° Monthly 0 520.95 0 0 0 525.00 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 0 1,032.00 0 0 0 0 0 0 12° Monthly 0 859.27 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		192.93	0	0		232.00	0	0	0.00%
Volumetric Charges: 389,227 0 0 1,032,00 0 0 0 0 0 0 0 0 0		o Monthly	o c		306.65	0	0		368.00	0	0	0.00%
Volumetric Charges: 1,0220 0 1,0220 0 First Block 369,327 \$2,1300 786,666 369,327 \$2,0600 780,813 (25,853) Second Block 468 1,1932 559 468 2,0600 965 406 Third Block 0 0,2201 0 0 2,0600 965 406 Faults and Credits 0 0 0 0 0 0 Reconcile to Books 369,795 \$1,261,389 369,795 \$1,331,041 \$59,652		12" Monthly	- -		520.92 850.37	o c			625.00	0	0	0.00%
Volumetric Charges: Volumetric Charges: 369,327 \$2,1300 786,666 369,327 \$2,0600 760,813 (25,853) Second Block 488 1,1932 559 488 2,0600 965 406 Third Block 0 0,9208 0 0 2,0600 96 0 0 FAL's and Credits 0 0,6201 0 0 0 0 0 0 0 Reconcile to Books 369,795 \$1,261,389 369,795 \$1,331,041 \$69,652 \$1,331,041 \$69,652 \$69,652			Ó		0	c	c		1,002.00	c	c	0.00%
First Block 369,327 \$2,1300 786,666 369,327 \$2,0600 760,813 (25,853) Second Block 468 1,1932 559 468 2,0600 965 406 Third Block 0 0,05201 0 0 0 2,0600 0 0 0 0 FAL's and Credits 0 0 0,6201 0 0 0 0 0 0 0 0 0 0 Total 369,795 369,795 \$1,261,389 389,795 \$1,261,389 389,795 \$1,331,041 \$569,652 \$1,261,389 \$1,261,38		Volumetric Char	jes:									
Second Block 468 1.1932 559 468 2.0600 965 Third Block 0 0.9208 0 0 2.0600 96 0 0 0 FAL's and Credits 0 0 0.6201 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		First Block		369,327	\$2,1300	786,666		369.327	\$2,0600	760.813	(25.853)	-3 29%
Third Block 0 0.9208 0 0 2.0600 0 0 70 Fourth Block 0 0.6201 0 0 0 2.0600 0 0 0 0 70 70 70 70 70 70 70 70 70 70		Second Block		468	1.1932	559		468	2.0600	965	406	72 63%
Fourth Block 0 0.6201 0 0 2.0600 0 0 FAL's and Credits 0 0 0 0.6201 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Third Block		0	0.9208	0		0	2.0600	0	0 0	0.00.0
FAL's and Credits 0 0 0 0 0 0 Reconcile to Books 369,795 \$1,261,389 369,795 \$1,331,041 \$69,652		Fourth Block		0	0.6201	0		0	2.0600	0 (0 (0.00%
Total 389,795 \$1,261,389 369,795 \$1,331,041 \$69,652		FAL's and Credit	S	0		0		0		0	0	0.00%
Total 369,795 \$1,261,389 369,795 \$1,331,041 \$69,652 \$1,331,041		Reconcile to Boo	ks							,	0 (0.00%
		Total		369,795	ı	\$1,261,389		369,795		\$1.331.041	\$69.652	5.52%
26 27 28 29 30 31 31 32 33 34 35 36 36 37	25								11			
27 28 29 30 31 31 32 33 34 35 36 36 37 38	26											
28 29 30 31 31 32 33 34 34 35 36 37 38	27											
30 30 31 31 32 33 34 34 35 36 37 38	28											
31 32 33 34 35 36 37 38 39	3 6											
32 33 34 35 36 37 38 39	<u>ب</u> د											
34 34 35 36 37 38 39	સુ											
34 35 36 37 38 39	သ ဂ											
35 36 37 38 39	 34											
36 37 38 39	35											
37 38 39 40	မ											
38 39 40	37											
39	38											
40	39											
	40											

Missouri Public Service Communy: Missouri Function: Missouri Funct					12	12 Month Test Period Ended December 31, 2002	12 Month Test Period Ended December 31, 2002	mber 31, 2002	sed Kates			
Present Pro Forma Rates Proposed Proposed Pr	Missou Compa District	ıri Public Servic ıny: Missouri-Ar ^I · Warrenshurg	e Commission merican Water	n Company			,				Case No Schedul	WR-2003-XXX e CAS-14-WAR
Classor Customers				Present Pro F	orma Rates			Propo	sed Pro Form	a Rates		rage & or r
Commercial: Dillings LOUGISH Rate Revenue Change St. 2, 42 St. 1, 14 Change Change Change Change St. 2, 42 St. 1, 14 Change St. 2, 22 St. 1, 14 Change	Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
Minimum Chiances: 568 Monthly 5,038 57,08 587,08 587,08 587,08 587,08 587,08 587,08 587,08 587,08 587,08 587,08 587,08 587,08 582,082 582 582 582 582 582 582 582 582 582 5		Commercial:	Dilligo	(OUC Gai)	Nate	Revenue	Billings	(Juu Gal)	Kate	Revenue	Change	Change
Sign Monthly 5,038 \$7,08 \$35,668 5,038 \$62,202 \$7,154 34" Monthly 92 9,06 562 82 10,90 676 114 1" Monthly 957 12,84 12,288 957 15,40 14,738 2,450 2" Monthly 322 22,33 7,190 322 28,00 1,440 2" Monthly 24 68,124 1,446 24 72,00 1,728 5,412 4" Monthly 0 98,124 1,446 24 72,00 1,728 282 4" Monthly 0 98,124 1,446 24 72,00 1,728 282 4" Monthly 0 192,93 0 0 0 222,00 0 0 10" Monthly 0 128,02 0 0 222,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <t< td=""><td></td><td>Minimum Charge</td><td>, T.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		Minimum Charge	, T.									
344' Monthly 62 80.6 62 10.00 176 114 114 114 114 114 114 114 114 114 11		5/8" Monthly			\$7.08	\$35,668	5.038		\$8.50	\$42,822	\$7.154	20.06%
1-1/2 Monthly 957 11,244 12,288 957 15,40 14,736 14,736 14,736 14,747 12,24 14,728 14,728 14,728 14,728 14,729 14,		3/4" Monthly	62		9.06	562	62		10.90	676	114	20.28%
2" Monthly 797 322 22.33 7.190 322 26.80 86.30 1,440 27 40.1101 797 33.71 26.867 797 40.50 32.279 5.412 27 40.1101 797 40.1101 797 40.1101 797 40.1101 797 40.1101 797 40.1101 797 40.1101 797 5.412 28.2 28.2 28.2 28.0 40.0 10.0 11.80.0 10.0 10.0 10.0 10.0 10.		1" Monthly	957		12.84	12,288	957		15.40	14.738	2.450	19.94%
2" Monthly 797 33.71 28.867 787 40.50 32.279 5412 21 40.00 11 21 22 22 22 24 24		1-1/2" Monthly	322		22.33	7,190	322		26.80	8.630	1.440	20.03%
3" Monthly 24 60.24 1,446 24 72.00 1,728 282 4" Monthly 0 98.15 1,446 24 72.00 1,728 282 4" Monthly 0 305.65 0 0 232.00 0 0 6" Monthly 0 520.92 0 0 368.00 0 0 10" Monthly 0 520.92 0 0 625.00 0 0 12" Monthly 0 859.27 0 0 625.00 0 0 12" Monthly 0 859.27 0 0 625.00 0 0 12" Monthly 0 859.27 0 0 625.00 0 0 12" Monthly 0 859.27 0 0 1,032.00 0 0 12" Monthly 0 859.27 0 0 1,032.00 0 0 0 12" Monthly 0 859.27 92.372 128.072 \$2.0600 263.829 (57,543) 18" Second Block 10" Monthly 10" Mon		2" Monthly	797		33.71	26,867	797		40.50	32,279	5,412	20.14%
Af Monthly 0 98.15 0 0 118.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3" Monthly	24		60.24	1,446	24		72.00	1,728	282	19.50%
8" Monthly 0 192.93 0 0 232.00 0 0 10" Monthly 0 520.92 0 0 625.00 0 0 12" Monthly 0 520.92 0 0 625.00 0 0 12" Monthly 0 859.27 0 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 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 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 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	0.00%
Company Comp		o" Monthly	0 0		192.93	0	0 0		232.00	0	0	0.00%
Volumetric Charges: First Block Second Block Second Block Second Block FAL's and Credits Reconcile to Books Total 176,107 128,072 13100		10" Monthly	0 (520.92	- 0	-		635.00 635.00	o c	o c	0.00%
Volumetric Charges: 128,072 \$2,5093 321,372 128,072 \$2,0600 263,829 (57,543)		12" Monthly	0 (859 27	> (-		1 033 00	> C	o c	0.00%
Volumetric Charges: 128,072 \$2,5093 321,372 128,072 \$2,0600 263,829 (57,543)						,	,		100	ć	c	
First Block 128,072 \$2.5093 321,372 128,072 \$2.0600 263,829 (57,543) Second Block 48,033 1.4067 67,520 48,033 1.3100 62,923 (4,597) Third Block 2 1,0848 2 2 1.3100 62,923 (4,597) FAL's and Credits 0 Books 176,107 \$4772,915 176,107 \$427,627 (\$45,288) Total		Volumetric Charo	les:									
Second Block 48,033 1.4067 67,520 48,033 1.3100 62,923 (4,507) 7 Third Block Fourth Block 0 0.7305 0 0 0 7 Reconcile to Books 176,107 \$472,915 176,107 \$427,527 (\$45,288)		First Block		128,072	\$2.5093	321,372		128.072	\$2,0600	263,829	(57 543)	-17 91%
Third Block 2 1.0848 2 2 1.3100 2 Fourth Block 0 0.7305 0 0 0 1.3100 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		Second Block		48,033	1.4057	67,520		48.033	1.3100	62.923	(4.597)	-6.81%
Fourth Block 0 0.7305 0 0 1.3100 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		Third Block		2	1.0848	N		2	1.3100	2	0	0.00%
Total Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Fourth Block		0	0.7305	0		0	1.3100	0	0	0.00%
Total 176,107 \$472,915 176,107 \$427,627 (\$45,288)		-AL's and Credit	- <i>U</i>	C		0		0		0	0	0.00%
176,107 \$427,627 (\$45,288)		Reconcile to Boo	ks .	200 000	1				ſ		0	0.00%
25 26 27 27 29 30 31 31 32 33 34 35 36 37 38		רכומו		170,107	II.	C16'77#		701,071	ì	\$427,627	(\$45,288)	-9.58%
27 28 28 30 31 31 32 33 33 34 34 35 36 37 38	3 N											
28 29 30 31 31 32 33 34 34 35 36 37 38	27											
29 30 31 31 32 33 34 35 36 37 38	28											
30 31 32 33 34 35 36 37 38 39	29											
31 32 33 34 35 36 37 38 39	2 8											
33 34 35 36 37 38 39	ვ ლ											
34 35 36 37 38 39	33 6											
35 36 37 38 39	34											
36 37 38 39	35											
37 38 39 40	36											
38 39 40	37											
39 40	38											
40												
	40											

			12	12 Month Test Period Ended December 31, 2002	iod Ended Dec	ember 31, 2002				
Missouri Public Service Commission Company: Missouri-American Water Company District: Warronshura	e Commissio nerican Water	n r Company							Case No. Schedul	Case No. WR-2003-XXX Schedule CAS-14-WAR
g		Present Pro Forma Rates	orma Rates			Prop	Proposed Pro Forma Rates	a Rates		Page 3 or /
Line # Class/	Customer				Customer			4 44		
ō	Meter	Sales	Current	Total	Meter	Sales	Proposed	Total	Dollar	Percentage
2 Industrial:	Sillings	(JUU Gal)	Kate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
			\$7.08	\$ 0	0		\$8.50	\$ 0	*	0.00%
5 3/4" Monthly	0		9.06	0	0		10.90	o †	o (0.00%
	36		12.84	462	36 36		15.40	554	98 6	19.91%
7 1-1/2" Monthly	12		22.33	268	12		26.80	322	5 <u>4</u>	20.15%
	75		33.71	2,528	75		40.50	3,038	510	20.17%
9 3" Monthly	12		60.24	723	12		72.00	864	141	19 50%
10 4" Monthly	24		98.15	2,356	24		118.00	2.832	476	20.20%
	0		192.93	0	0		232.00	0	0	0.00%
	0		306.65	0	0		368.00	0	0	0.00%
13 10" Monthly	0		520.92	0	0		625.00	0	0	0.00%
	ć		1	ď	c		1,032.00	c	c	0.00%
17 Volumetric Charges:	9									
	ļ	8.140	\$2.5200	20.512		8 140	\$3 0600	16 769	(2 7//)	10 250/
		35,720	1.4117	50.426		35,720	1 3100	46.794	(3,744)	-7 20%
			1.0895	0		0	1.3100	0	(4,00,0)	0.00%
		0	0.7336	0		0	1.0000	0 (0 (0.00%
	•	(573)		(678)		(573)		(624)	54	-7.96%
	ŝ		ı						0	0.00%
24 Total		43,287		\$76,597		43,287		\$70,548	(\$6,049)	-7.90%
25			ı				11			
25										
20										
29										
30										
31										
3 23										
34										
3										
36										
37										
38										
3										
40										

Case No. WR-20 Schedule CAS-1 Proposed Total Dollar Pag				12	12 Month Test Period Ended December 31, 2002	12 Month Test Period Ended December 31, 2002	ember 31, 2002	2			
Description Descriptor Description D	Company: Missouri-	ice Commissio American Wate	n r Company							Case No Schedul). WR-2003-XXX le CAS-14-WAR
Class (Clast Customer) Clustomer (Clast Customer) Customer (Charge) Charge (Charge) C			Present Pro F	orma Rates			Prop	osed Pro Form	a Rates		rage 4 of /
Coher Public Authority: Billings (V00 Ga) Page Revenue Billings (V00 Ga) Rate Revenue Billings (V00 Ga) Rate Percuration Change		Customer	Solo			Customer	-	-		I	I
Milliand Charles Millia		Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change epicelliage
Soft Monthly 889 \$7.08 \$61.49 860 \$25.00 \$7.382 \$1.233 3d* Monthly 44 12.84 568 44 15.40 164 28 1* Monthly 44 12.84 568 44 15.40 164 28 1* Monthly 40 22.33 1,340 40 28.80 1,698 288 2* Monthly 416 23.37 14,091 418 40.50 16,929 2.888 2* Monthly 146 192.93 0 0 222.00 17,228 2.888 2* Monthly 146 192.93 0 0 222.00 0 69.44 2* Monthly 0 306.65 0 0 365.00 0 0 10* Monthly 0 250.22 0 0 625.00 0 0 10* Monthly 0 250.42 22.920 0 0 0 0 10* Monthly 0 <td< td=""><td></td><td>uthority:</td><td></td><td></td><td></td><td>g</td><td>(000 000)</td><td>. 15.0</td><td></td><td></td><td>Charles</td></td<>		uthority:				g	(000 000)	. 15.0			Charles
Sof* Monthly 869 \$7,08 \$1,40 869 \$8,50 \$7,382 \$1,233 3/4" Monthly 15 9,06 2,33 1,340 60 15 10,50 164 28 7 Monthly 40 2,233 1,340 60 26,00 1,608 28 7 Monthly 418 33,71 14,991 418 40,50 1,608 268 2 Monthly 42 60,24 4,940 42 40,50 1,608 268 2 Monthly 146 98,15 14,300 48 27,00 5,904 284 2 Monthly 10 192,63 0 0 232,00 10 0 2 Monthly 0 192,63 0 0 232,00 10 0 1 Monthly 0 192,63 0 0 232,00 0 0 1 Monthly 0 23,233 1,340 0 0 25,00 0 1 Monthly <td></td> <td>je:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		je:									
1" Mornity 44 12.4 56.5 44 15.40 16.00 17.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1				\$7.08	\$6,149	869		\$8.50	\$7.382	\$ 1 233	20 05%
**Thornthy		15		9.06	136	15		10.90	164	\$C	20.50%
2" Monthly 418 22.33 1,4340 60 25.60 1,506 26.60 2" Monthly 418 33.71 14,091 418 40,50 1,506 26.60 2" Monthly 146 89.15 14,330 146 72.00 5,904 96.4 4 Monthly 146 89.15 14,330 146 72.00 5,904 96.4 96.4 4 Monthly 0 39.65 0 0 0 222.00 0 0 12" Monthly 0 520,92 0 0 0 222.00 0 0 12" Monthly 0 520,92 0 0 0 222.00 0 0 0 12" Monthly 0 859.27 0 0 0 0 1,092.00 0 0 0 12" Monthly 0 859.27 0 0 0 1,092.00 0 0 0 1,092.00 0 0 0 12" Monthly 0 859.27 0 0 0 1,092.00 0 0 0 0 1,092.00 0 0 0 0 1,092.00 0 0 0 0 0 0 1,092.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		44		12.84	565	44		15.40	678	113	20.00%
2º Monthly 418 33.71 14.091 419 410 410 410 410 410 410 410 410 410 410		9		22.33	1.340	60 :		26.80 26.80	1 608	268	20.00%
2" Monthly 42 60.24 4,340 82 72.00 5,904 4 4,000 82 87.00 146 98.15 14.330 146 118.00 17.228 2,898 87.00nthly 0 125.93 0 0 0 388.00 0 0 17.228 2,898 87.00nthly 0 125.93 0 0 0 388.00 0 0 17.228 2,898 10° Monthly 0		418		33.71	14.091	418		40 50	16 929	2 838	20.00 % 20 14%
# Monthly 146 98.15 14,330 146 118.00 17,228 2,898 6 6" Monthly 0 192.93 0 0 388.00 0 0 8" Monthly 0 306.85 0 0 0 388.00 0 0 0 10" Monthly 0 859.97 0 0 0 625.00 0 0 0 12" Monthly 0 859.97 0 0 0 1,032.00 0 0 0 **Columetric Charges: First Block First Block 114,541 1,5928 182,441 114,541 1,1302 180,060 (33,980) FAL's and Credits (71,838) (80,778) 4,327 1,3100 5,668 3,790 FAL's and Credits (71,838) (80,778) (80,778) (71,838) (80,778) (71,838) (80,778) (71,838) (80,778) (71,838) (80,778) (71,838) (80,778) (71,838) (80,778) (821,771) (821,771) (821,771)		82		60.24	4.940	83		72 00	5 904	1,000	10 51%
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		146		98.15	14.330	146		118 00	17 228	2 808 2 804	20 22% %cc 0c
6° Monthly (or Monthly) 0 306.65 0 0 386.00 0 0 12° Monthly 0 520.92 0 0 625.00 0 0 0 12° Monthly 0 859.27 0 0 1,032.00 0 0 0 Volumetric Charges: 43.233 \$2,0432 122,920 43,233 \$2,0600 89,060 (33,960) 0 First Block 14,541 1,592.8 182,441 14,541 1,3100 150,048 (32,393) Fourth Block 4,327 1,292.0 5,319 4,327 1,3100 5,668 349 FAL's and Credits (71,939) 0,8277 65,100 67,78 1,3100 5,668 32,930 Reconcile to Books (71,838) (32,790) (71,838) (71,838) (32,793) 3,701 Total 158,041 \$347,562 158,041 \$326,381 (\$21,171) (\$21,171)		0		192.93	0	0		232.00	0	0	0.00%
10° Monthly 0 520.92 0 0 625.00 0 0 12° Monthly 0 859.27 0 0 1,032.00 0 0 0 Volumetric Charaes: First Block 43,233 \$2,8432 122,920 43,233 \$2,0600 89,060 (33,860) 3,760 Second Block 114,541 1,5928 182,441 114,541 1,3100 89,060 (33,860) 3,760 Fourth Block 4,327 1,2292 5,319 4,327 1,3100 5,668 3,249 Fourth Block 67,778 0,8277 0,8277 56,100 67,778 1,3100 5,668 3,349 Reconcile to Books 71,838) (71,838) (80,779) (71,838) (57,078) 3,701 53,2630 47,839 (57,078) 3,701 67,778 1,3100 89,060 (33,860) 3,2690 4,277 1,3100 89,060 3,2690 4,277 1,3100 89,060 3,2690 4,277 1,2922 3,2690		0		306.65	0	0		368.00	o	0 (0.00%
Volumetric Charges: 43,233 \$2,8432 122,920 43,233 \$2,0600 89,050 0 0 First Block 43,233 \$2,8432 122,920 43,233 \$2,0600 89,060 (33,860) -1 Second Block 144,541 1,5928 182,441 114,541 1,3100 89,060 (33,860) -1 Fourth Block 67,778 0,8277 56,100 67,778 1,3100 5,668 349 FAL's and Credits (71,838) (80,779) (71,838) 1,3100 89,790 32,690 -1 Reconcile to Books 158,041 \$347,552 158,041 \$326,331 -0 -0 Total 158,041 \$326,331 (\$21,171) -1 </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>o (</td> <td>o (</td> <td>0.00%</td>		0		520.92	0	0		625.00	o (o (0.00%
Volumetric Charges: 43,233 \$2,8432 122,920 43,233 \$2,0600 89,060 (33,860) 5,380 Second Block 114,541 1,5926 192,441 114,541 1,3100 150,048 (32,393) -5 Fourth Block 4,327 1,2292 5,319 4,327 1,3100 5,688 349 FAL's and Credits (71,838) (71,838) (80,779) (71,838) 1,3100 88,790 32,690 Reconcile to Books 158,041 \$347,582 158,041 \$326,381 (57,078) 3,701 Total 158,041 \$326,381 (521,177) (521,177) (521,177) (521,177)		0		859.27	0	0		1.032.00	o (> (0.00%
Volumetric Charges: 43,233 \$2.8432 122,920 43,233 \$2.0600 89,060 (33,860) 3.50 Second Block 114,541 1.5928 182,441 114,541 1.3100 150,048 (32,383) 3.50 Fourth Block 4,327 1.539 4,327 1.3100 56,668 349 FAL's and Credits (71,838) (80,779) (71,838) 1.3100 88,790 32,690 Reconcile to Books 158,041 \$347,552 158,041 \$326,381 (821,171)	5 5							•	,	,	
First Block 43,233 \$2,8432 122,920 43,233 \$2,0600 89,060 (33,960) .3 Second Block 414,541 114,541 1,3100 150,048 (32,393) .3 Third Block 4,327 1,292 53,19 4,327 1,3100 150,048 (32,393) .3 Fourth Block 67,778 0,8277 55,100 67,778 1,3100 88,790 32,890 .4 Reconcile to Books (71,838) (80,779) (71,838) (87,078) 3,701 .0 Total 158,041 \$326,381 (\$21,171)		roes.									
Second Block 114,541 1.5928 182,441 114,541 1.3100 150,048 (32,393) Fourth Block 67,778 FAL's and Credits Reconcile to Books Total 158,041 158,041 158,041 15928 182,441 114,541 1.3100 150,048 (32,393) 1.3100 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (32,90) 150,048 (3			43,233	\$2.8432	122,920		43.233	\$2,0600	89 080	(33 860)	-27 55%
Third Block Fourth Block Fourth Block Fourth Block FAL's and Creditis Reconcile to Books Total Total Third Block FAL's and Creditis FAL's and Cr			114,541	1.5928	182.441		114.541	1 3100	150 048	(32,303)	-17 76%
Fourth Block 67,778 0.8277 56,100 67,778 1.3100 88,790 32,690 4 FAL's and Credits (71,838) (60,779) (71,838) (57,078) 3,701 Total 158,041 \$347,552 158,041 \$326,381 (\$21,171)			4,327	1.2292	5,319		4.327	1.3100	5-668	(02,000) 349	6.56%
FAL's and Credits (71,838) (60,779) (71,838) (57,078) 3,701 Reconcile to Books 158,041 \$347,552 158,041 \$326,381 (\$21,171) [67,778	0.8277	56,100		67,778	1.3100	88,790	32,690	58.27%
Total \$347,552 158,041 \$326,381 (\$21,171)		noks	(71,838)		(60,779)		(71,838)		(57,078)	3,701	-6.09%
135,041 \$326,381 (\$21,171)		, circ	1000	1	2017			1		C	0.00%
			158,041	1 :	\$347,552		158,041	1	\$326,381	(\$21,171)	-6.09%
26 27 28 29 30 31 31 32 33 34 35 36 36	25			11				li			
28 29 30 31 31 32 33 34 35 36 37 38	27										
29 30 31 31 32 33 34 35 36 37 38	28										
30 31 31 32 33 34 35 36 37	29										
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35 36 37 38 39	34 34										
36 37 38 39	35										
37 38 39 40	36										
39	37										
40	38										
	40										

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Clastomer Present Pro Forma Ratus Customer Cust	Missouri Public Servic Company: Missouri-An District: Warranghura	e Commissio nerican Wateı	n Company							Case No Schedul	. WR-2003-XXX le CAS-14-WAR
Classor Clustomer Color Maria Clustomer Color Maria Color Maria <t< th=""><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 5 of 7</th></t<>			Present Pro F	orma Rates			Prop	osed Pro Form	a Rates		rage 5 of 7
Description Marker Main Sales Current Total Melings Melings (V00 Ga) Rate Revenue Billings (V00 Ga) Rate Revenue Billings (V00 Ga) Rate Revenue Change		Customer				Customer					
Other Water Utilities: Note of the Property of the Pro	1 Description	Meter	Sales	Current	Total	Meter	Sales	Proposed	Total	Dollar	Percentage
66" Monthly \$7.08 \$0 \$3.50 \$0 \$3.50 \$0 <td></td> <td>ities:</td> <td>(OUU Gai)</td> <td>rale</td> <td>Kevenue</td> <td>Billings</td> <td>('000 Gal)</td> <td>Kate</td> <td>Revenue</td> <td>Change</td> <td>Change</td>		ities:	(OUU Gai)	rale	Kevenue	Billings	('000 Gal)	Kate	Revenue	Change	Change
Sof Monthly 0 \$1,03 <	_										
34" Monthly 0 9.06 0 0 15.00 0 0 17.00				\$7.08	\$ 0	0		\$8.50	\$ 0	\$ 0	0.00%
**Monthly		0		9.06	0	0		10.90	o †	o •	0.00%
2" Monthly 24 32.3 0 0 0 24 40.50 972 163 2" Monthly 24 33.71 809 24 40.50 972 163 3" Monthly 12 99.15 1,178 12 128 128.00 1 41.60 238 1 12 128.00 1,416 238 1 12 128.00 1,416 238 1 12 128.00 1,416 238 1 12 128.00 1,416 238 1 12 128.00 1,416 238 1 12 128.00 1 1,416 238 1 12 128.00 1,416 238 1 12 128.00 1 1,416 238 1 12 128.00 1 1,416 238 1 12 128.00 1 1,416 238 1 12 128.00 1 1,416 238 1 12 128.00 1 1,416 238 1 12 128.00 1 1,416 238 1 12 128.00 1 1,416 238 1 12 128.00 1 1,416 238 1 12 128.00 1 1,416 238 1 12 128.00 1 1,416 238 1 12 12 12 12 12 12 12 12 12 12 12 12 1		0		12.84	0	0		15.40	0 0	o 0	0.00%
2º Monthly 24 33.71 809 24 40.50 972 163 3		0		22.33	0	0		26.80	o (.	0.00%
a" Monthly 0 60,24 0 0 72,00 1,00 20 4 Monthly 12 88.15 1,176 12 110,00 1,416 238 8 1		24		33.71	809	24		40.50	972	163	20 15%
4" Monthly 12 98.15 1,178 12 118.00 1,416 238 6" Monthly 0 192.93 0 0 282.00 0 0 10" Monthly 0 520.92 0 0 388.00 0 0 12" Monthly 0 520.92 0 0 388.00 0 0 12" Monthly 0 520.92 0 0 625.00 0 0 12" Monthly 0 659.27 0 0 1,032.00 0 0 2" Monthly 0 659.27 0 0 1,032.00 0 0 4" Monthly 0 659.27 0 0 1,032.00 0 0 4" Monthly 0 5721 1,226 \$2,0600 2,525 (3,196) 4" Inst Block 22,797 2,6151 59,616 22,797 2,0600 2,525 (3,196) 4" FALL's and Credits 51,324 1,5000 76,986 7,232 4" Reconcile to Books 0 0 0 0 0 0 0 0 0 0 0 10 0 0 0 0		0		60.24	0	0		700	0 1		2000
8° Monthly 0 192.33 0 0 232.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		12		98.15	1,178	12 12		118.00	1 416	238	%0¢.0¢
10" Monthly 0 520.92 0 0 255.00 0 0 10" 10" Monthly 0 589.27 0 0 0 1,032.00 0 0 0 1 1,032.00 0 0 1 1,032.00 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 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 1 1,032.00 0 0 0 0 0 1 1,032.00 0 0 0 0 0 1 1,032.00 1 1,032.00 0 0 0 0 0 1 1,032.00 1 1,032.00 0 0 0 0 0 0 1 1,032.00 1 1,032		0		192.93	0	0		232.00	0	0	0.00%
10 Monthly 0 520.92 0 0 625.00 0 0 0 0 0 0 0 0 0		0		306.65	0	0		368.00	0	0	0.00%
Volumetric Charges: First Block 1,226 \$4,6680 5,721 1,226 \$2,000 0		0		520.92	0	0		625.00	0	0	0.00%
Volumetric Charges: 1,226 \$4,6860 5,721 1,226 \$2,0600 2,525 (3,196) 4 Second Block 22,797 2,6151 59,616 22,797 2,0600 46,962 (12,634) 2 Third Block 36,000 2,048 72,173 36,000 1,5000 54,000 (18,173) 2 FAL's and Credits 0 <td< td=""><td></td><td>ć</td><td></td><td>1</td><td>d</td><td>c</td><td></td><td>1,032.00</td><td>c</td><td>C</td><td>0.00%</td></td<>		ć		1	d	c		1,032.00	c	C	0.00%
First Block 1,226 \$4,680 5,721 1,226 \$2,060 2,525 (3,196) 5.50 5.50 5.50 5.50 5.50 5.50 5.50 5.5											
Second Block 22,797 4-1000 3,121 1,225 \$2,000 (3,195) 3,21		<u>[63.</u>	1 336	67 6600	n 101) 	i	
Third Block 36,000 2.0048 72,173 36,000 15000 40,900 (18,173) 36,000 40,900 (18,173) 36,000 40,900 (18,173) 36,000 40,900 (18,173) 36,000 40,900 (18,173) 36,000 40,900 (18,173) 36,000 40,900			22,797	2 6151	50.616		707 00	3 0600	2,525	(3,196)	-55.86%
Fourth Block FAL's and Credits 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			36,000	2.0048	72.173		36 000	1 5000	54 000	(18,004)	-25.48% -25.48%
FAL's and Credits 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			51,324	1.3591	69,754		51.324	1.5000	76.986	7 232	10.37%
Total \$11,347 \$209,251 111,347 \$182,861 (\$26,390)		•	0		0		0		0	0	0.00%
Total 111,347 \$182,861 (\$26,390)		S .		l					,	0 (%00.0 %00.0
			111,347		\$209,251		111.347		\$182.861	(\$26.390)	-12 61%
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39	38										
40	30 00										
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Missouri Funds Service Company Missouri Funds Service Company Missouri Funds Service Company Missouri Funds Service Company Missouri Funds Missouri									T			
Present Pro Forma Rates	Missour	ny: Missouri-Am	erican Water	n r Company							Case No Schedul	e CAS-14-WAR
Classification Classif				Present Pro F	orma Rates			Prop	osed Pro Form	na Rates		Page 6 of ,
Description Marker Sales Current Total Medic Soles Proposed Total Dollar Percentarios Marcellancous: Marcellancous: 87 Monthly 0 \$7.06 \$0 0 \$5.00	Line#	Class/	Customer				Customer		0000	1 10103		
Military Characis Billings (200 Gal) Rate Revenue Revenue Rate Revenue Charge Char	,	Description	Meter	Sales	Current	Total	Meter	Sales	Proposed	Total	Dollar	Percentage
Miscellareous: Miscellareous Micronn. Chance 567 Monthly 0 \$0.00 <	>	ı	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
Schementy 0 \$7.08 \$0 10.96 \$0 \$0.96 \$0 \$0.96 \$0 \$0.96 \$0 \$0.96 \$0 <th< td=""><td></td><td>liscellaneous:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>d</td><td>c</td></th<>		liscellaneous:									d	c
3.4* Monthly 9.06 30 0 18.50 50 19.00 11.264 0 15.40 0 0 19.50 50 19.00		/8" Monthly	· •		₹	•	•)	•	•	
1-Monthly 12.64 0 10.000 0 15.40 0 1.1.12" Monthly 12.23 0 0 10.000 0 0 1.1.10" Monthly 12.23 0 0 10.000 0 0 0 1.1.10" Monthly 10.000 0 10.0000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.0000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.0000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.0000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.0000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.0000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.0000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.0000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.0000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.000 0 10.0000 0 10.000 0 10.000 0 10.00000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.00000 0 10.00000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.0000 0 10.00000 0 10.0000 0 10.00000 0 10.0000 0 10.0000 0 10.0000 0 10.00		/8" Monthly	o C		\$7.08	\$ 0	0		\$8.50	\$0	\$0	0.00%
Additional 1.122		" Mostble	o c		9.06	c	0		10.90	0	0	0.00%
2" Monthly 0 22.33 0 0 0 26.80 0 0 2 3 Monthly 0 23.71 0 0 0 26.80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Monthly	o C		12.84	. 0	0		15.40	0	0	0.00%
2º Monthly 0 33,71 0 0 40,50 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		-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	0		33.71	0	0		40.50	0	0	0.00%
8* Monthly 0 192.53 0 0 218.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		" Monthly	0		60.24	0	0		72.00	0	0	0.00%
8° Monthly 0 192.83 0 0 232.00 0 0 0 192.00 10 10 10 10 10 10 10 10 10 10 10 10 1		" Monthly	0		98.15	0	0		118.00	0 •	0 (0.00%
16" Monthly 0 306.65 0 0 285.00 0 0 12" Monthly 0 859.27 0 0 0 1,032.00 0 0 0 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 0 1,032.00 0 0 0 0 0 1,032.00 0 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		" Monthly	0		192.93	0	0		232.00	0	0	0.00%
10° Monthly 0 520.92 0 625.00 0 0 1 Volumetric Charges: First Block 0 \$0.0000 0 1,032.00 0 <td></td> <td>" Monthly</td> <td>0</td> <td></td> <td>306.65</td> <td>0</td> <td>0</td> <td></td> <td>368.00</td> <td>0</td> <td>0</td> <td>0.00%</td>		" Monthly	0		306.65	0	0		368.00	0	0	0.00%
Volumetric Charges; Volumetric Charges; 0 1,032.00 0 <td></td> <td>0" 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>0.00%</td>		0" Monthly	0		520.92	0	0		625.00	0	0	0.00%
Volumetric Charges: Volumetric Charges: First Block 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 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		2" Monthly	0		859.27	0	0		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 0.0000 <	हे दे								,		,	
First Block Second Block Second Block Third Block Third Block Total O 0,0000 O 0 0,0000 O 0 0,0000 O 0 0,0000 O 0 0,0000 O 0 0,0000 O 0 0 0 0,0000 O 0 0 0 0,0000 O 0 0 0 0,0000 O 0 0 0 0,0000 O 0 0 0 0,0000 O 0 0 0 0,0000 O 0 0 0 0,0000 O 0 0 0 0,0000 O 0 0 0 0,0000 O 0 0 0 0 0,0000 O 0 0 0 0 0,0000 O 0 0 0 0 0 0,0000 O 0 0 0 0 0 0,0000 O 0 0 0 0 0 0 0,0000 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		olumetric Charo	S.									
Second Block Third Block Fourth		irst Block	į	0	\$0.0000	0		5	\$0,000	5	5	0 00%
Third Block Fourth Block Fourth Block FAL's and Credits Reconcile to Books Total O S0 O S0 O S0 O S0 O S0 O S0 O S0 S0		econd Block		0	0.0000	0 (5 (0.000	- 0	-	0.00%
Fourth Block FAL's and Credits 0 0 0.0000 0 0 0.0000 0 0 0 0 0 0 0 0 0		hird Block		0	0.0000	0 (o (0.000	-	-	0.00%
FAL's and Credits 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		ourth Block		0	0.0000	0		0 (0.0000	0 (o (0.00%
Total 9 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		AL's and Credits		0		0		0		0 (0 (0.00%
Total		Reconcile to Book	ίς.			1		•		(o (0.00%
		otal		0		\$0		0		\$0	\$	0.00%
26 27 28 28 29 30 30 31 31 31 32 32 33 35 34 35 36 36 36 36 37 38 39 39 39 39 39 39 39 39 39 39 39 39 39	25								11			
28 29 30 31 31 32 33 34 35 36 37	3 6											
29 30 31 31 32 33 34 34 35 36 37	1 8											
31 32 32 33 34 34 35 36 37	29											
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		12	12 Month Test Period Ended December 31, 2002	nded December 31, 200	N		
Missouri Public Service Commission Company: Missouri-American Water Company District: Warrensburg	ssion /ater Company					Case No Schedu	Case No. WR-2003-XXX Schedule CAS-14-WAR
(Present Rates	Rates	Proposed Rates	d Rates		rage / OI /
Line # Connection Size	Number of	Annual	Total	Annual	Total	Dollar	Percentage
2 Private Fire Service:		i di	- 80 60 60	, ak	i ve ve i i de	Change	Citalige
4 Private Fire Hydrant	თ	\$968.28	\$5,810	968.28	\$5,810	\$0	0.00%
7 0 0	2	138.84	278	138.84	278	0	0.00%
၀ ဇ -	0	238.44	0	238.44	0	0	0.00%
10 4"	15	378.36	5,675	378.36	5,675	0	0.00%
ည် ဂိ တူ	27	775.92	20,950	775.92	20,950	0	0.00%
15. 4. 6. 8 ₁	14	1,335.12	18,692	1,335.12	18,692	0	0.00%
16 10"	_	2,052.12	2,052	2,052.12	2,052	0	0.00%
18 12"	0	2,925.96	0	2,925.96	0	0	0.00%
20 FAL's and Credits			(7)		(7)	0	0.00%
22 Total 23 24	65	11 1	\$53,450		\$53,450	\$0	0.00%
25 26 Public Fire Protection:							
28 Public Fire Hydrants 29 30 31 32 32 33 33 34 36	634	0.00	0	389.40	246,880	246,880	0.00%
37 38 39 39 40							

		Overall Revenue Requirement Summary For the Test Year Ended December 31, 2002		
Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Sewer (Platte County)				Case No. WR-2003-XXX Schedule CAS-2-PKS Page 1 of 1
Line No.				
υ 4 π	Description	Schedule	Amount	
7 6 6	Rate Base	CAS-3-PKS	\$35,541	
o	Operating Income at Present Rates	CAS-8-PKS	1,941	
10	Earned Rate of return		5.46%	
3 25 -	Requested Rate of Return	Grubb Testimony	8.30%	
14	Required Operating Income		2,950	
16 17	Operating Income Deficency		1,009	
19	Gross Revenue Conversion Factor		1.62308	
20	Revenue Deficiency		1,637	
22 23	Adjusted Operating Revenues	CAS-8-PKS	49,578	
24 25 25 26 27	Total Revenue Requirement		\$51,215	
28 29 30	Gross Revenue Conversion Factor Revenue	\$1,00		
3 33	PSC Assessment 0.00000%			
3 8 8	State Income Taxes 5.21327%	7% 52.133		
33 G	Total Taxes and Expenses Net Amount	331.794 3887 6646.449		
37 38	Conversion Factor	1.62308		
39 40				

	2	FOI HIE TEST TEST ETHAEN DECEMBER 31, 2002	JEI 31, 2002	
Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Sewer (Platte County)				Case No. SR-2003-XXX Schedule CAS-3-PKS Page 1 of 1
Line #				
2 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-PKS	81,603	603	82,206
7 Accumulated Provision for Depreciation	CAS-5-PKS	(25,190)	(2,358)	(27,548)
Accumulated Amortization	W/P's	0	0	0
10 11 Utility Plant Acquisition Adjustments	W/P's	0	213	213
13 Net Utility Plant 14		56,413	(1,542)	54,871
<u>_</u>	CAS-6-PKS CAS-6-PKS	0 16,257	0 0	0 16,257
	W/P's W/P's	3,731 956	(400) 928	1884
23 24 Subtotal 25		20,944	528	21,472
26 27 Add: 28 Cash Working Capital 28 Materials and Supplies 30 Prepayments 31 OPEB's Contributed to External Fund 32 Premature Retirement 33 Regulatory Deferrals	CAS-7-PKS WIP's WIP's WIP's WIP's WIP's	1,000 0 104 1,066 0	(28) 0	1,000 0 104 1,038 0
35 Subtotal 36 37 Total Original Cost Rate Base 38		2,170 37,639	(2,098)	2,142 35,541

Total Plant in Service \$8	Other Including Allocated Plant 370.1 WW Land & Ld Rights Gen 352.2 WW Collecting Mains 353 WW Services Sewer 374 WW Outfall Sewer Lines 3	Acct No Account Description 12/31/02 Sewer Plant	Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Sewer (Platte County)		
\$81,603 \$603	\$150 \$603 9,300 0 30,459 0 7,951 0 33,743 0	3ooks Pro Forma 11/02 Adjustments		Utility Plant in Service For the Test Year Ended December 31, 2002	
\$82,206	\$753 9,300 30,459 7,951 33,743	Pro Forma <u>UPIS</u>	Case No. SR-2003-XXX Schedule CAS-4-PKS Page 1 of 1		

			Accumulated Depreciation and Amortization Test Year Ended December 31, 2002	nortization , 2002		
Missour Compan District:	y: Missouri Parkville Se	Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Sewer (Platte County)			Case No. Schedu	Case No. SR-2003-XXX Schedule CAS-5-PKS Page 1 of 1
Line #					A CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CANADA CAN	
ω N →	Acct No	Account Description Sewer Plant	Per Books <u>12/31/02</u>	Pro Forma <u>Adjustments</u>	Pro Forma <u>Reserve</u>	
 0 4 r		Other Including Allocated Plant	\$0	\$1,377	\$1,377	
<u></u>	370.1 352.2	WW Land & Ld Rights Gen WW Collecting Mains	2,543 13,548	371	2,543 13 919	
087	353 374	WW Services Sewer WW Outfall Sewer Lines	5,477 3,622	146 464	5,623 4,086	
33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		Total Plant in Service	\$25,190	\$2,358	\$27,548	
4						

Case No. SR-2003-XXX Schedule CAS-6-PKS Schedule CAS-6-PKS Page 1 of 1	Pro Forma Adiustments 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Customer Advances and Contributions in Aid of Construction For the Test Year Ended December 31, 2002 Per Books 12/31/02 Per Books 12/31/02 Adjustments Strensions O O O D O O O O O O O O O	Customer Advances Acct No Accunt Description Advances for Construction - Taxable Extension Deposi Contributions in Aid - NT Services Contributions in Aid - NT Hydrants Contributions in Aid - Taxable Extension Deposi Contributions in Aid - Taxable Extension Deposi Contributions in Aid - Taxable Extension Deposi Contributions in Aid - Taxable Services Contributions in Aid - Taxable Mains Contributions in Aid - Taxable Mains Contributions in Aid - Taxable Mains Contributions in Aid - Taxable Meters Contributions in Ai	Acct No Acct No 252.11 252.71 271.12 271.21 271.21 271.30 271.37 271.47 Various	Compar District: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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For the T	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: Parkville Sewer						Case No. SR-2003-XXX Schedule CAS-7-PKS Page 1 of 1
Line #						
	Proforma	Average				
23 Events October	Proposed	Daily	Revenue	Expense	Net	Cash
4 Base Payroll	1 165	Expense 3	<u>Lag</u> 30 87	(Lead)/Lag	(Lead)/Lag	Requirment
	554	\ \	39.87	17 39	29.0 1	3 S
	759	2 1	39.87	37.22	2.65	თ ქ
	0	0	39.87	36.78	3.09	0
8 Purchased Water	0	0	39.87	53.15	(13.28)	0
	2,476	7	39.87	(4.13)	44.00	298
11 OPER's	136 306	• 0	39.87	(8.54)	48.41	18
	367	.	39.87 39.87	36.78	39.91 2.00	44 در 44 در
	25	0 -	39.87	36.78	3.09	0 (
	166	0	39.87	36.78	3.09	- 2 (
	0	0	39.87	36.78	3.09	0
17 Kents	128	0	39.87	24.37	15.50	5 5 1
18 Other O&M	42 77 76 72	100	39.0 <i>1</i>	48.80 36.78	ა (გ.ყა)	345
	43,483	Ī	Ċ	9	 	818
21 Depreciation Expense	2 835	00	20 97	ı	20 07	0
	, C00 000 000 000	ω o	20.07	182 50	/4 /3 C3/	310
	(18)	<u>(</u>)	39.87	(30.00)	69.87	(308) (3)
	(195)	3 3	39.87	110.50	(70.63)	38 (
	2	0	39.87	13.44	26.43	0
	107	0	39.87	62.05	(22.18)	(6)
) C	39.87	62.05	(22.18)	0
29 State Income Tax - Current	16	> c	39.67 30.87	60.23 63 17	(20.38) (20.38)	á (6)
	380	ب	39.87	0.00	39.87	41
	1,247	သ	39.87	91.15	(51.28)	(175)
33 Total Working Capital Requirement	18 070	0	39.87	45.63	(5.76)_	0
	10,010				a	020
35 Total Cash and Working Capital Requirement Used						1,000
					ıı	***************************************
38						
39 6						
40						
Company of the Compan						

Schedule Reference	Test year Ended 12/31/02	Adjustments	Pro Forma Present Rates	Adjustments	Pro Forma Proposed Rates
Operating Revenues CAS-9-PKS	\$49,480	\$98	\$49,578	\$1,637	\$51,215
Operating Expenses Operating and Maintenance CAS-10-PKS	42.242	1.173	43.415	0	43 415
	894 1,925	0 6	910 1,925		910 1,925
Taxes other Than Income Taxes Property Taxes CAS-10-PKS	0		992		999
	132 (88) 52	(23) 0 (177)	109 (88) (125)	0	109 (88) (125)
Utility Operating Income Before Income Taxes	4,323	(1,883)	2,440	1,637	4,077
Income Taxes Federal Income Tax CAS-12-PKS State Income Tax CAS-12-PKS Deferred Income Taxes Amortization of Investment Tax Credit	1,246 531 873 0	(1,143) (515) (493)	103 16 380 0	543 86 0	646 102 380
Utility Operating Income	\$1,673	\$268	\$1,941	\$1,008	\$2,949

Missouri Public Service Commission Company: Missouri-American Water Company District: Parkville Sewer (Platte County)	For the Test Year Ended December 31, 20	t Year Ended	For the Test Year Ended December 31, 2002	2002		
Line# 1 2 2 3	Test year Ending 12/31/02	Eliminate Unbilled Revenue	Bill Analysis And Other Adjustments	Bill Analysis at Rates	Normalizaton & Annual Adjustments	Other Adjustments
- Se				000\$		
7 (00		
14 Total Metered Sales 15	0	0	0	0	0	0
16 17 Sewer Service 18	49,480	0	98	49,578	0	0
19 Fire Service 20 Private Fire Service 21	0	0	0	0	0	0
Total Fire Service	0	0	0	0	0	0
24 Total Sales of Water 25	49,480	0	98	49,578	0	0
0	000			00		·
30 Miscellaneous Other Revenue 31 Rents from Water Property 32	000			000		
33 Total Other Operating Revenues34	0	0	0	0	0	0
35 Total Operating Revenues	\$49,480	\$0	\$98	\$ 49.578	\$0	\$ 0

Summary or Operations and Maintenance Expenses and General Taxes For the Test Year Ended December 31, 2002 pany	Case No. WR-2003-XXX Schedule CAS-10-PKS
Line#	

\$ \times	24 25 26 27 28	23 22 20 3 3 6 5 5 4 3 1 2 2 2 2 3 3 6 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6
PSC Fees Other General Taxes Total Taxes Other Than Income Taxes	Depreciation Amortization Total Depreciation and Amortization Property Taxes	Expense Description Schedule Reference Test Year Expense Adjustment Labor Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Water Purchased Purc
CAS-11-PKS CAS-11-PKS	CAS-11-PKS CAS-11-PKS CAS-11-PKS	Schedule Reference CAS-11-PKS
(88) 52 96	894 1,925 2,819 0	Test Year Expense \$1,726 0 0 15 34,973 1,506 533 362 108 345 84 55 407 2,102 26 42,242
(23) 0 (177) 792	16 0 16 992	Adjustment (\$8) 0 (15) 759 970 (313) 5 (53) (179) 0 73 136 (202) 0 1,173
(125) 888	910 1,925 2,835 992	Pro forma Present Rates \$1,718 0 0 35,732 2,476 220 367 55 166 84 128 543 1,900 26 43,415

Case No. SR-2003-XXX Schedule CAS-11-PKS Page 1 of 4

No.

Company: Missouri-American Water Company Operation: Parkville Sewer Case No. WR-2003-XXX

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					-			29d	290	29b	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	=	10	9		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	Labor	Description		
						96		52	(88)	132			2,819		1.925	894		42,242		26	2,102	407	55	84	345	108	362	533	1,506	34,973	15		,	1,726	31-Dec-02	Test Year Ended	
						0							0					(8)																(\$8)	Expense	CAS-15 p1	Cohodulo
						0							0					(313)										(313)							Expense	CAS-15 p2 Group ins	Cohodula
						0						Table State	0					5									5								Expense	CAS-15 p3 Pension	Cahadida
						0							0					4			4														Expense	CAS-15 p4	Cahadida
						(23)				(23)			0		-			0																	Expense	CAS-15 p5	2011
						0							0					0														0			Expense	CAS-15 p6	2-1-1-1
						0							0					(15)													(15)				Expense	CAS-15 p7	0.1.1.1
						0							0					0													7		0		Expense	CAS-15 p8	^.

Case No. SR-2003-XXX Schedule CAS-11-PKS Page 2 of 4

Line No.	Case
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	WR-20

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									29d	29c	29b	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	=	6	9		Number	168 Line
							Total Taxes other than income		Other General Taxes	Gross Receipts Taxes	Payroll taxes	Property Taxes		Total Depreciation and Amortization	THE PARTY OF THE P	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					759												759					Expense	Schedule CAS-15 p9 Waste Disp.
							0							0					(53)								(53)									Expense	Schedule CAS-15 p10 Regulatory
							0							0					(179)							(179)										Expense	Schedule CAS-15 p11 Ins. Other
				*****			0							0					970											970						Expense	Schedule CAS-15 p12 Mat Fees
							0							0					73					73												Expense	Schedule CAS-15 p13
							0							0					(52)				(52)				***************************************									Expense	Schedule CAS-15 p13
							0							0					(225)			(225)														Expense	Schedule CAS-15 p13
							0							0					0		0															Expense	Schedule CAS-15 p14
							0							0		-			188				188													Expense	Schedule CAS-15 p15

Case No. SR-2003-XXX Schedule CAS-11-PKS Page 3 of 4

No. Line

Company: Missouri-American Water Company Operation: Parkville Sewer Case No. WR-2003-XXX

41	40	39	38	37	6	3 6	34	ස	32	3	3	29	28	27	26	25	24	23	22	2	20	19	8	17	6	5	14	3	12	=	6	ဖ		7	တ	G	α ω 4
									29d	29c	296	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	13	6	9	000	Number	168 Line
				The state of the s			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					0			0														Expense	Schedule CAS-15 p16 Transpo.
							992					992		0					0																	Expense	Schedule CAS-15 p17 Property Taxes
		***************************************					(179)		(179)					0					0																	Expense	Schedule CAS-15 p18 PSC Assess
							0							0					0		0			-												Expense	Schedule CAS-15 p19 Tank Painting
							0							0		0			0																	Expense	Schedule CAS-15 p20 Amortization
							0							0					0						0											Expense	Schedule CAS-15 p21
							0					-		0					0						0											Expense	Schedule CAS-15 p21
							0							16		-	16		0																	Expense	
							0							О					Э		1	\$0														Expense	Schedule CAS-15 p23

Case No. SR-2003-XXX Schedule CAS-11-PKS Page 4 of 4

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		Ī							29d	290	296	29a				28	27				25	21	20	19	18	17	16	15	14	13	12	ੜ	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	Labor	Description	
							0							0					0			\$0														Expense	Schedule CAS-15 p24 AAO Security
							0							0					19			\$19														Expense	CAS-15 p25 Relocation
							2		\$2					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
							792		(177)	0	(23)	992		16		0	16		1,173		0	(202)	136	73	0	(179)	(53)	5	(313)	970	759	(15)	0	0	(\$8)	Adjustments	Present Rate
							888		_		109			2.835		1.925	910		43,415			_				166				2,476	1				\$1,718		Total Present

	_
	Florinia State and Federal Income Taxes at Present and Proposed Kates
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For the Test Year Ended December 31, 2002	COIII
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Page 1 of 1	District: Parkville Sewer (Platte County)
Schedule CAS-12-PKS	Company: wissouri-American Water Company
Case No. WR-2003-XXX	Company Minoral America Commission
	Miccouri Dublic Convice Commission

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)	Amortization Preferred Stock Expense Non-deductible Reserve Deficiency	Addback (Deducts): Tax over Book Depreciation Non-deductible Meals	Taxable Income	Interest Expense Deduction	Utility Operating Income Before Income Taxes	
(\$1,143)	1,246	103	33.1754%	310	(883)	00	(897) 14	1,193	1,247	\$2,440	At Present Rates Federal Stat
(\$515)	531	16	5.2133%	310	(883)	00	(897) 14	1,193	1,247	\$2,440	t Rates State
\$543	103	646	33.1754%	1,947	(883) (883)	00	(897) (897) 14 14	2,830	1,247	\$4,077	At Proposec Federal
\$86	16	102	5.2133%	1,947	(883)	00	(897) 14	2,830	1,247	\$4,077	d Rates State

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

			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	ates vs Propo mber 31, 200	sed Rates			
Missouri Public Service Commission Company: Missouri-American Water Company	Commissior erican Water	Company							Case No Schedu	Case No. SR-2003-XXX Schedule CAS-13-PKS
District: Fairville Gewel		Present Pro Forma Rates	orma Rates			Pron	Proposed Pro Forma Rates	Nates		Page 1 of 1
Line # Class/ — Description	Customer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
2 Monthly Billing:	()	(000 Cai)	Ivaic	Neverlue	Dilligo	(ood Gal)	Naie	Revenue	Change	Change
4 Residential 5 6	1,212		\$40.94	\$49,619	1,212		\$42.29	\$51,255	\$1,636	3.30%
8 FAL's and Credits 9 Reconcile to Books	o			(41)				(41)	\$ \$0	0.00% 0.00%
			ı							
13			11	49,570			u	51,214	\$1,636	3.30%
16										
10 00										
20										
21										
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