

**MISSOURI-AMERICAN WATER COMPANY  
WARREN COUNTY WATER OPERATIONS**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

**FACTOR 16. ALLOCATION OF LABOR RELATED TAXES AND BENEFITS.**

Factors are based on the allocation of direct labor expense.

Customer Classification	Direct Labor Expense	Allocation Factor
(1)	(2)	(3)
Residential	\$21,108	0.4799
Commercial	583	0.0132
Industrial	0	0.0000
Other Public Authority	0	0.0000
Sales for Resale	0	0.0000
Private Fire Protection	0	0.0000
Public Fire Protection	22,300	0.5069
Total	<u>\$43,990</u>	<u>1.0000</u>

**FACTOR 17. ALLOCATION OF ORGANIZATION, FRANCHISES AND CONSENTS,  
MISCELLANEOUS INTANGIBLE PLANT AND OTHER RATE BASE ELEMENTS.**

Factors are based on the allocation of the original cost less depreciation other than those items being allocated, as follows:

Customer Classification	Original Cost Less Depreciation	Allocation Factor
(1)	(2)	(3)
Residential	\$1,170,049	0.8385
Commercial	16,510	0.0118
Industrial	0	0.0000
Other Public Authority	0	0.0000
Sales for Resale	0	0.0000
Private Fire Protection	0	0.0000
Public Fire Protection	208,901	0.1497
Total	<u>\$1,395,460</u>	<u>1.0000</u>

**MISSOURI-AMERICAN WATER COMPANY  
WARREN COUNTY WATER OPERATIONS**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 18. ALLOCATION OF INCOME TAXES AND INCOME AVAILABLE FOR RETURN:

Factors are based on the allocation of the original cost measure of value rate base as shown on the following pages and summarized below.

Customer Classification <u>(1)</u>	Original Cost Measure of Value <u>(2)</u>	Allocation Factor <u>(3)</u>
Residential	\$1,075,237	0.8392
Commercial	15,159	0.0118
Industrial	0	0.0000
Other Public Authority	0	0.0000
Sales for Resale	0	0.0000
Private Fire Protection	0	0.0000
Public Fire Protection	190,894	0.1490
<b>Total</b>	<b>\$1,281,290</b>	<b>1.0000</b>

FACTOR 19. ALLOCATION OF REGULATORY COMMISSION EXPENSES, ASSESSMENTS AND OTHER WATER REVENUES.

The factors are based on the allocation of the total cost of service, excluding those items being allocated.

Customer Classification <u>(1)</u>	Total Cost of Service <u>(2)</u>	Allocation Factor <u>(3)</u>
Residential	\$284,431	0.7471
Commercial	4,579	0.0120
Industrial	0	0.0000
Other Public Authority	0	0.0000
Sales for Resale	0	0.0000
Private Fire Protection	0	0.0000
Public Fire Protection	91,729	0.2409
<b>Total</b>	<b>\$380,739</b>	<b>1.0000</b>

MISSOURI-AMERICAN WATER COMPANY  
WARREN COUNTY WATER OPERATIONS  
COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2009, ALLOCATED TO CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Cost of Service (3)	Customer Classifications						
			Residential (4)	Commercial (5)	Industrial (6)	Public Authorities (7)	Sales for Resale (8)	Fire Protection	
								Private (9)	Public (10)
<b>RATE BASE</b>									
Organization	17	\$ 192	\$ 161	\$ 2	\$ -	\$ -	\$ -	\$ -	\$ 29
Franchises	17	0	0	0	0	0	0	0	0
Land & Ld Rights SS	2	0	0	0	0	0	0	0	0
Land & Ld Rights P	6	0	0	0	0	0	0	0	0
Land & Ld Rights WT	2	0	0	0	0	0	0	0	0
Land & Ld Rights TD	7	64,984	30,445	871	0	0	0	0	33,668
Land & Land Rights AG	15	0	0	0	0	0	0	0	0
Struct & Imp SS	2	4,004	3,944	52	0	0	0	0	8
Struct & Imp P	6	4,052	3,991	53	0	0	0	0	9
Struct & Imp Pump Boosters	6	0	0	0	0	0	0	0	0
Struct & Imp WT	2	59,706	58,805	776	0	0	0	0	125
Struct & Imp TD	7	829	388	11	0	0	0	0	429
Struct & Imp TD Spec Cross	7	0	0	0	0	0	0	0	0
Struct & Imp AG	15	95	54	1	0	0	0	0	40
Struct & Imp Offices	15	147	83	2	0	0	0	0	62
Gen Structures HVAC	15	0	0	0	0	0	0	0	0
Struct & Imp Leasehold	15	0	0	0	0	0	0	0	0
Struct & Imp Leasehold	15	0	0	0	0	0	0	0	0
Struct & Imp Store, Shop, Gar	15	0	0	0	0	0	0	0	0
Struct & Imp Misc	15	(1)	(1)	(0)	0	0	0	0	(0)
Collect & Impounding	1	0	0	0	0	0	0	0	0
Lake, River & Other Intakes	2	0	0	0	0	0	0	0	0
Wells & Springs	2	634,079	624,505	8,243	0	0	0	0	1,332
Supply Mains	2	0	0	0	0	0	0	0	0
Power Generation Equip	6	0	0	0	0	0	0	0	0
Power Generation Equip Othe	6	0	0	0	0	0	0	0	0
Boiler Plant Equipment P	6	0	0	0	0	0	0	0	0
Pump Equip Steam	6	0	0	0	0	0	0	0	0
Pump Equip Electric	6	112,169	110,476	1,458	0	0	0	0	236

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Schedule C-WCM

MISSOURI-AMERICAN WATER COMPANY

WARREN COUNTY WATER OPERATIONS

COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2009, ALLOCATED TO CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Cost of Service (3)	Residential (4)	Commercial (5)	Industrial (6)	Public Authorities (7)	Sales for Resale (8)	Fire Protection	
								Private (9)	Public (10)
Pump Equip Elec Boosters Po	6	0	0	0	0	0	0	0	0
Pump Equip Diesel	6	0	0	0	0	0	0	0	0
Pump Equip Diesel Stratmant	6	0	0	0	0	0	0	0	0
Pump Equip Diesel Ctrl Plt	6	0	0	0	0	0	0	0	0
Pump Equip Hydraulic	6	0	0	0	0	0	0	0	0
Pump Equip Other	6	0	0	0	0	0	0	0	0
Pump Equip WT	6	0	0	0	0	0	0	0	0
Pump Equip TD	6	0	0	0	0	0	0	0	0
WT Equip Non-Media	2	18,924	18,638	246	0	0	0	0	40
WT Equip Filter Media	2	0	0	0	0	0	0	0	0
Dist Reservoirs & Standpipe	5	5	4	0	0	0	0	0	1
Elevated Tanks & Standpipes	5	14,525	11,985	343	0	0	0	0	2,198
Ground Level Facilities	5	0	0	0	0	0	0	0	0
TD Mains Not Classified by	7	119,715	56,087	1,604	0	0	0	0	62,024
TD Mains 4" & Less	4	30,713	14,389	412	0	0	0	0	15,913
TD Mains 6 to 8"	4	80,515	37,721	1,079	0	0	0	0	41,715
TD Mains 6 to 10"	4	2,995	1,403	40	0	0	0	0	1,552
TD Mains 10 to 16"	3	132	112	1	0	0	0	0	18
TD Mains 16" & Grtr	3	76	64	1	0	0	0	0	11
Fire Mains	8	0	0	0	0	0	0	0	0
Services	10	92,328	91,913	415	0	0	0	0	0
Meters Bronze Case	9	37,083	36,916	167	0	0	0	0	0
Meters Plastic Case	9	0	0	0	0	0	0	0	0
Meters Other	9	879	875	4	0	0	0	0	0
Meters Other-Rem Rdr Unts	9	0	0	0	0	0	0	0	0
Meter Installations	9	41,074	40,889	185	0	0	0	0	0
Meter Installation Other	9	0	0	0	0	0	0	0	0
Meter Vaults	9	2,539	2,528	11	0	0	0	0	0
Hydrants	8	31,824	0	0	0	0	0	0	31,824
Other P/E Intangible	17	891	747	11	0	0	0	0	133
Other P/E WT Res Hand Equip	2	0	0	0	0	0	0	0	0

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Schedule C-WCW

MISSOURI-AMERICAN WATER COMPANY

WARREN COUNTY WATER OPERATIONS

COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2009, ALLOCATED TO CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Cost of Service (3)	Customer Classifications				Fire Protection		
			Residential (4)	Commercial (5)	Industrial (6)	Public Authorities (7)	Sales for Resale (8)	Private (9)	Public (10)
Other P/E TD	7	0	0	0	0	0	0	0	0
Other P/E CPS	15	1,243	704	16	0	0	0	0	523
Office Furniture & Equip	15	68	39	1	0	0	0	0	29
Comp & Periph Equip	15	29,123	16,501	370	0	0	0	0	12,252
Computer Software	15	1,333	755	17	0	0	0	0	561
Comp Software Personal	15	49	28	1	0	0	0	0	21
Comp Software Other	15	0	0	0	0	0	0	0	0
Data Handling Equipment	15	0	0	0	0	0	0	0	0
Other Office Equipment	15	4	2	0	0	0	0	0	2
Trans Equip Lt Duty Trks	15	(32)	(18)	(0)	0	0	0	0	(13)
Trans Equip Hvy Duty Trks	15	0	0	0	0	0	0	0	0
Trans Equip Autos	15	21	12	0	0	0	0	0	9
Trans Equip Other	15	0	0	0	0	0	0	0	0
Stores Equipment	15	0	0	0	0	0	0	0	0
Tools, Shop, Garage Equip	15	5,802	3,287	74	0	0	0	0	2,441
Tools, Shop, Garage Equip Oth	15	0	0	0	0	0	0	0	0
Laboratory Equipment	2	0	0	0	0	0	0	0	0
Laboratory Equip Other	2	0	0	0	0	0	0	0	0
Power Operated Equipment	15	0	0	0	0	0	0	0	0
Comm Equip Non-Telephone	15	8,185	4,637	104	0	0	0	0	3,443
Remote Control & Instr	15	106	60	1	0	0	0	0	44
Comm Equip Telephone	15	16	9	0	0	0	0	0	7
Misc Equipment	15	(3,850)	(2,182)	(49)	0	0	0	0	(1,620)
Other Tangible Property	17	0	0	0	0	0	0	0	0
<b>Total Utility Plant in Service</b>		<b>1,396,543</b>	<b>1,170,957</b>	<b>16,523</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>209,063</b>
<b>Other Rate Base Items</b>									
Add:									
Other Utility Plant Adjustments	17	0	0	0	0	0	0	0	0
Cash Working Capital	15A	0	0	0	0	0	0	0	0
Materials and Supplies	15	218	124	3	0	0	0	0	92
Prepayments	15	1,338	758	17	0	0	0	0	563
OPEB's Contributed to External Fund	16	0	0	0	0	0	0	0	0
Pension / OPEB Tracker	16	1,584	760	21	0	0	0	0	803
Regulatory Deferrals	17	0	0	0	0	0	0	0	0
Less:									
Accumulated Deferred ITC (3%)	17	0	0	0	0	0	0	0	0
Deferred Income Taxes	17	(113,064)	(94,804)	(1,334)	0	0	0	0	(16,926)
Pensions	16	(5,329)	(2,557)	(70)	0	0	0	0	(2,701)
<b>Total Other Rate Base Elements</b>		<b>(115,253)</b>	<b>(95,720)</b>	<b>(1,364)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(18,169)</b>
<b>Total Original Cost Measure of Value</b>		<b>\$ 1,281,290</b>	<b>\$ 1,075,237</b>	<b>\$ 15,159</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 190,894</b>

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Schedule C-WCW

MISSOURI-AMERICAN WATER COMPANY  
WARREN COUNTY WATER OPERATIONS

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 20. REALLOCATION OF PUBLIC FIRE

Factors are based on the relative cost of meters by size and customer classification.

Customer Classification (1)	5/8" Dollar Equivalents (2)	Allocation Factor (3)
Residential	446	0.9955
Commercial	2	0.0045
Industrial	0	0.0000
Other Public Authority	0	0.0000
Sales for Resale	0	0.0000
Private Fire	0	0.0000
	<hr/>	<hr/>
Total	448	1.0000
	<hr/> <hr/>	<hr/> <hr/>

MISSOURI-AMERICAN WATER COMPANY  
WARREN COUNTY WATER OPERATIONS

SUMMARY OF AVERAGE DAILY SEND OUT AND MAXIMUM DAILY USAGE  
FOR THE YEARS 2005-2008

Year	Average Daily Send out (MGD)	Maximum Daily Use		
		MGD	Ratio to Average	Highest Use Day
(1)	(2)	(3)	(4)	(5)
2005	0.100	0.247	2.46	7/28/2005
2006	0.103	0.262	2.54	7/7/2006
2007	0.102	0.247	2.43	7/28/2007
2008	0.090	0.272	3.03	5/18/2008

**MISSOURI-AMERICAN WATER COMPANY  
WARREN COUNTY WATER OPERATIONS**

**BASIS FOR ALLOCATING DEMAND RELATED COSTS OF FIRE SERVICE  
TO PRIVATE AND PUBLIC FIRE PROTECTION CUSTOMER CLASSIFICATIONS**

Description (1)	Restrictive Diameters Squared (2)	Quantity (3)	Relative Demand (4)=(2)x(3)	Allocation Factor (5)
<b><u>PRIVATE FIRE PROTECTION</u></b>				
<b>Fire Lines</b>				
2 -inch	4.00	0	0	
3 -inch	9.00	0	0	
4 -inch	16.00	0	0	
6 -inch	36.00	0	0	
8 -inch	64.00	0	0	
10 -inch	100.00	0	0	
12 -inch	144.00	0	0	
Private Hydrants	20.25	0	0	
<b>Total Private Fire Protection</b>		<u>0</u>	<u>0</u>	0.0000
<b><u>PUBLIC FIRE PROTECTION</u></b>				
<b>Hydrant</b>	<b>Nozzle Sizes</b>			
4 1/2" Valves	1- 2-1/2" & 1- 4 1/2"	20.25	55	1,114
5 1/4 Valves	1- 2-1/2" & 1- 4 1/2"	26.50	14	371
<b>Total Public Fire Protection</b>			<u>69</u>	<u>1,485</u>
<b>Total Fire Protection</b>			<u><u>69</u></u>	<u><u>1,485</u></u>
				<u><u>1.0000</u></u>

MISSOURI-AMERICAN WATER COMPANY  
WARREN COUNTY WATER DISTRICT

## CALCULATION OF CUSTOMER CHARGE

(1) Cost Related to Meters	82,244	
(2) Meter Equivalents X 12	5,376	
(3) Cost per Bill - Meter related		\$ 15.30
(4) Cost Related to Services	12,947	
(5) Service Equivalents X 12	5,292	
(6) Cost per Bill - Services related		\$ 2.45
(7) Cost Related to Billing and Collecting	12,538	
(8) Number of Customers X 12	5,256	
(9) Cost per Bill - Billing and Collecting		<u>\$ 2.39</u>
(10) Total Customer Charge (3)+(6)+(9)		\$ 20.13

WARRENSBURG DISTRICT

MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT

COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES  
FOR THE TEST YEAR ENDED JUNE 30, 2009

Customer Classification (1)	Cost of Service		Revenues, Present Rates				Revenues, Proposed Rates		Proposed Increase	
	Amount (Schedule B) (2)	Percent (3)	Amount (4)	Percent (5)	Amount (6)	Percent (7)	Amount (8)	Percent Increase (9)		
	Residential	\$ 2,486,444	60.0%	\$ 2,044,356	55.0%	\$ 2,419,331	58.5%	\$ 374,975	18.3%	
Commercial	652,996	15.8%	711,409	19.3%	724,470	17.5%	13,061	1.8%		
Industrial	95,799	2.3%	93,822	2.5%	108,956	2.6%	15,134	16.1%		
Public Authority	496,567	12.0%	462,084	12.5%	477,131	11.5%	15,047	3.3%		
Sales for Resale	302,505	7.3%	292,392	7.9%	304,284	7.3%	11,892	4.1%		
Private Fire Service	106,702	2.6%	104,721	2.8%	106,651	2.6%	1,930	1.8%		
Public Fire Service	-	0.0%	-	0.0%	-	0.0%	-	-		
Total Sales	4,141,013	100.0%	3,708,784	100.0%	4,140,823	100.0%	432,039	11.6%		
Other Revenues	86,529		69,529		86,529		17,000	24.4%		
Total	\$ 4,227,542		\$ 3,778,313		\$ 4,227,352		\$ 449,039	11.9%		

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Schedule A-WAR

**MISSOURI-AMERICAN WATER COMPANY**  
**WARRENSBURG DISTRICT**  
**COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2009, ALLOCATED TO CUSTOMER CLASSIFICATIONS**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Residential (4)	Commercial (5)	Industrial (6)	Public Authorities (7)	Sales for Resale (8)	Fire Protection	
								Private (9)	Public (10)
<b>OPERATION AND MAINTENANCE EXPENSES</b>									
<b>SOURCE OF SUPPLY EXPENSES</b>									
Super & Eng Oper SS	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Labor & Exp Oper SS - Labor	2	4,530	2,240	868	155	698	555	4	12
Labor & Exp Oper SS	2	2,745	1,357	526	94	423	336	2	7
Purchased Water	1	0	0	0	0	0	0	0	0
<b>TOTAL SS EXPENSE - OPERATION</b>		<b>7,275</b>	<b>3,597</b>	<b>1,393</b>	<b>249</b>	<b>1,121</b>	<b>891</b>	<b>6</b>	<b>19</b>
Misc Exp Oper SS	2	124,824	61,713	23,904	4,269	19,235	15,278	100	325
Misc Exp Oper SS	2	0	0	0	0	0	0	0	0
Rents Oper SS	2	0	0	0	0	0	0	0	0
Super & Eng Maint SS	2	0	0	0	0	0	0	0	0
Struct & Improve Maint SS - Labor	2	0	0	0	0	0	0	0	0
Struct & Improve Maint SS	2	923	456	177	32	142	113	1	2
Collect & Impound Maint SS - Labor	2	0	0	0	0	0	0	0	0
Collect & Impound Maint SS	2	0	0	0	0	0	0	0	0
Lake, River & Oth Maint SS - Labor	2	0	0	0	0	0	0	0	0
Lake, River & Oth Maint SS	2	0	0	0	0	0	0	0	0
Wells & Springs Maint SS - Labor	2	3,957	1,956	758	135	610	484	3	10
Wells & Springs Maint SS	2	0	0	0	0	0	0	0	0
Infil Gail & Tunnels Maint SS - Labor	2	0	0	0	0	0	0	0	0
Infil Gail & Tunnels Maint SS	2	0	0	0	0	0	0	0	0
Supply Mains Maint SS - Labor	2	0	0	0	0	0	0	0	0
Supply Mains Maint SS	2	0	0	0	0	0	0	0	0
Misc Plant Maint SS - Labor	2	(17)	(8)	(3)	(1)	(3)	(2)	(0)	(0)
Misc Plant Maint SS	2	5,057	2,500	968	173	779	619	4	13
<b>TOTAL SS EXPENSE - MAINTENANCE</b>		<b>134,744</b>	<b>66,617</b>	<b>25,803</b>	<b>4,608</b>	<b>20,764</b>	<b>16,493</b>	<b>108</b>	<b>350</b>
<b>TOTAL SS EXPENSE</b>		<b>142,019</b>	<b>70,214</b>	<b>27,197</b>	<b>4,857</b>	<b>21,885</b>	<b>17,383</b>	<b>114</b>	<b>369</b>
<b>POWER AND PUMPING EXPENSES</b>									
Super & Eng Oper P	6	0	0	0	0	0	0	0	0
Fuel for Power Prod	1	0	0	0	0	0	0	0	0
Labor & Exp Oper Pwr Prod - Labor	6	0	0	0	0	0	0	0	0
Labor & Exp Oper Pwr Prod	6	0	0	0	0	0	0	0	0
Purch Fuel/Power for Pump	1	0	0	0	0	0	0	0	0
Labor & Exp Oper Pump - Labor	6	126	62	24	4	19	15	0	1
Labor & Exp Oper Pump	6	0	0	0	0	0	0	0	0
Misc Exp Oper P	6	1,405	693	268	48	216	171	2	6
Rents Oper P	6	0	0	0	0	0	0	0	0
<b>TOTAL PUMPING EXPENSE - OPERATION</b>		<b>1,531</b>	<b>755</b>	<b>292</b>	<b>52</b>	<b>235</b>	<b>187</b>	<b>2</b>	<b>7</b>

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Schedule B-WAR

MISSOURI-AMERICAN WATER COMPANY

WARRENSBURG DISTRICT

COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2009, ALLOCATED TO CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Cost of Service (3)	Residential (4)	Commercial (5)	Industrial (8)	Public Authorities (7)	Sales for Resale (8)	Fire Protection	
								Private (9)	Public (10)
Super & Eng Maint P	6	0	0	0	0	0	0	0	0
Struct & Improve Maint P - Labor	6	0	0	0	0	0	0	0	0
Struct & Improve Maint P	6	0	0	0	0	0	0	0	0
Power Prod Equip Maint P - Labor	6	0	0	0	0	0	0	0	0
Power Prod Equip Maint P	6	0	0	0	0	0	0	0	0
Pump Equip Maint P - Labor	6	(128)	(63)	(25)	(4)	(20)	(16)	(0)	(1)
Pump Equip Maint P	6	0	0	0	0	0	0	0	0
<b>TOTAL PUMPING EXPENSES - MAINTENANCE</b>		<b>(128)</b>	<b>(63)</b>	<b>(25)</b>	<b>(4)</b>	<b>(20)</b>	<b>(16)</b>	<b>(0)</b>	<b>(1)</b>
<b>TOTAL PUMPING EXPENSES</b>		<b>1,403</b>	<b>692</b>	<b>268</b>	<b>48</b>	<b>216</b>	<b>171</b>	<b>2</b>	<b>6</b>
<b>WATER TREATMENT</b>									
Super & Eng Oper WT	2	(89)	(44)	(17)	(3)	(14)	(11)	(0)	(0)
Chemicals	1	33,323	15,332	6,531	1,366	5,255	4,642	47	150
Labor & Exp Oper WT - Labor	2	0	0	0	0	0	0	0	0
Labor & Exp Oper WT	2	3,873	1,915	742	132	597	474	3	10
Misc Exp Oper WT	2	18,802	9,197	3,562	636	2,867	2,277	15	48
Misc Exp Oper WT	1	0	0	0	0	0	0	0	0
Misc Exp Oper WT	2	959	474	184	33	148	117	1	2
Rents Oper WT	2	0	0	0	0	0	0	0	0
<b>TOTAL WT EXPENSE - OPERATION</b>		<b>56,668</b>	<b>26,874</b>	<b>11,002</b>	<b>2,165</b>	<b>8,853</b>	<b>7,499</b>	<b>65</b>	<b>211</b>
Super & Eng Maint WT	2	8	4	2	0	1	1	0	0
Struct & Improve Maint WT - Labor	2	0	0	0	0	0	0	0	0
Struct & Improve Maint WT	2	0	0	0	0	0	0	0	0
WT Equip Maint WT - Labor	2	204	101	39	7	31	25	0	1
WT Equip Maint WT	2	10	5	2	0	2	1	0	0
<b>TOTAL WT EXPENSE - MAINTENANCE</b>		<b>222</b>	<b>110</b>	<b>42</b>	<b>8</b>	<b>34</b>	<b>27</b>	<b>0</b>	<b>1</b>
<b>TOTAL WT EXPENSE</b>		<b>56,890</b>	<b>26,983</b>	<b>11,044</b>	<b>2,172</b>	<b>8,887</b>	<b>7,526</b>	<b>66</b>	<b>211</b>
<b>TRANSMISSION AND DISTRIBUTION EXPENSES</b>									
Super & Eng Oper TD	11	0	0	0	0	0	0	0	0
Storage Facility Exp - Labor	5	0	0	0	0	0	0	0	0
Storage Facility Exp	5	0	0	0	0	0	0	0	0
TD Lines Exp - Labor	7	139,131	52,077	19,562	3,130	15,764	11,840	7,833	28,925
TD Lines Exp	7	1,393	521	196	31	158	119	78	290
Meter Expense - Labor	9	25,317	18,919	3,223	352	2,708	116	0	0
Meter Expense	9	0	0	0	0	0	0	0	0
Customer Install Exp - Labor	10	6,600	5,400	641	24	209	6	319	0
Customer Install Exp	10	0	0	0	0	0	0	0	0
Misc Exp Oper TD - Labor	11	17,299	7,717	2,370	355	1,889	1,213	825	2,930

WAR-3

Schedule B-WAR

MISSOURI-AMERICAN WATER COMPANY

WARRENSBURG DISTRICT

COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2009, ALLOCATED TO CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Cost of Service (3)	Residential (4)	Commercial (5)	Industrial (6)	Public Authorities (7)	Sales for Resale (8)	Fire Protection	
								Private (9)	Public (10)
Misc Exp Oper TD	11	54,667	24,387	7,489	1,121	5,970	3,832	2,608	9,261
Misc Exp Oper TD	11	12,576	5,610	1,723	258	1,373	882	600	2,130
Rents Oper TD	11	0	0	0	0	0	0	0	0
<b>TOTAL T &amp; D EXPENSE OPERATION</b>		<b>256,983</b>	<b>114,631</b>	<b>35,204</b>	<b>5,271</b>	<b>28,068</b>	<b>18,007</b>	<b>12,264</b>	<b>43,536</b>
Super & Eng Maint TD	12	0	0	0	0	0	0	0	0
Struct & Improve Maint TD - Labor	12	0	0	0	0	0	0	0	0
Struct & Improve Maint TD	12	0	0	0	0	0	0	0	0
Dist Res Stand Maint TD - Labor	5	0	0	0	0	0	0	0	0
TD Main Maint TD - Labor	7	6,570	2,459	924	148	744	559	370	1,366
TD Main Maint TD	7	0	0	0	0	0	0	0	0
Fire Main Maint TD - Labor	8	0	0	0	0	0	0	0	0
Fire Main Maint TD	8	0	0	0	0	0	0	0	0
Services Maint TD - Labor	10	6,963	5,697	677	26	220	6	337	0
Services Maint TD	10	0	0	0	0	0	0	0	0
Meters Maint TD - Labor	9	3,530	2,638	449	49	377	16	0	0
Meters Maint TD	9	0	0	0	0	0	0	0	0
Hydrants Maint TD - Labor	8	13,056	0	0	0	0	0	0	13,056
Hydrants Maint TD	8	0	0	0	0	0	0	0	0
Misc Plant Maint TD - Labor	12	62	22	4	0	3	1	1	30
Mat and Sup Maint TD	12	55,833	20,011	3,802	413	2,485	1,078	1,312	26,733
Misc Maint TD	12	0	0	0	0	0	0	0	0
Amort Def Maint TD	5	125,560	43,720	16,247	2,486	13,108	9,630	8,588	31,779
<b>TOTAL T &amp; D EXPENSE - MAINTENANCE</b>		<b>211,575</b>	<b>74,547</b>	<b>22,104</b>	<b>3,122</b>	<b>16,938</b>	<b>11,291</b>	<b>10,609</b>	<b>72,964</b>
<b>TOTAL T &amp; D EXPENSE</b>		<b>468,557</b>	<b>189,179</b>	<b>57,308</b>	<b>8,394</b>	<b>45,006</b>	<b>29,298</b>	<b>22,872</b>	<b>116,500</b>
<b>CUSTOMER ACCOUNTS</b>									
Supervision CA	13	0	0	0	0	0	0	0	0
Meter Reading Exp CA - Labor	14	37,946	33,650	3,351	76	854	15	0	0
Meter Reading Exp CA	14	0	0	0	0	0	0	0	0
Meter Reading Exp CA	14	0	0	0	0	0	0	0	0
Cust Rec & Collection CA - Labor	13	4,125	3,616	360	8	92	2	47	0
Cust Rec & Collection CA	13	31,150	27,309	2,716	62	692	12	358	0
Uncollectible Accts	13	37,320	32,718	3,254	75	829	15	429	0
Misc Cust Accts Exp CA - Labor	13	5,903	5,176	515	12	131	2	68	0
Misc Cust Accts Exp CA	13	1,956	1,715	171	4	43	1	22	0
Misc Cust Accts Exp CA	13	11,216	9,833	978	22	249	4	129	0
Cust Serv & Info Exp CA	13	0	0	0	0	0	0	0	0
<b>TOTAL CUSTOMER ACCOUNTING EXPENSE</b>		<b>129,616</b>	<b>114,017</b>	<b>11,344</b>	<b>259</b>	<b>2,889</b>	<b>52</b>	<b>1,054</b>	<b>0</b>

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Schedule B-WAR

MISSOURI-AMERICAN WATER COMPANY

WARRENSBURG DISTRICT

COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2009, ALLOCATED TO CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Cost of Service (3)	Customer Classifications					Fire Protection	
			Residential (4)	Commercial (5)	Industrial (6)	Public Authorities (7)	Sales for Resale (8)	Private (9)	Public (10)
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>									
Salaries AG	15	55,896	28,183	7,350	1,051	5,377	3,839	1,755	8,541
Other Supplies & Exp AG	15	3,267	1,647	430	61	314	213	103	499
Other Supplies & Exp AG	15	26,042	13,130	3,425	490	2,505	1,695	818	3,979
Other Supplies & Exp AG	15	11,391	5,743	1,498	214	1,096	742	358	1,741
Mgmt Fees-Admin	15	313,618	158,126	41,241	5,896	30,170	20,417	9,848	47,921
Mgmt Fees-Customer Service	13	104,093	91,258	9,077	208	2,311	42	1,197	0
Mgmt Fees-Belleville Lab	2	12,934	6,395	2,477	442	1,993	1,583	10	34
Mgmt Fees-Employee	16	11,101	5,695	1,378	185	996	619	387	1,840
Outside Services AG	15	17,058	8,601	2,243	321	1,641	1,110	536	2,608
Outside Services AG	15	29,581	14,915	3,890	556	2,846	1,926	929	4,520
Property Insurance	15	0	0	0	0	0	0	0	0
Ins Gen Liab Oper AG	15	44,079	22,224	5,796	829	4,240	2,870	1,384	6,735
Ins Work Comp AG	16	17,881	9,173	2,219	299	1,604	998	624	2,965
Ins Other Oper AG	15	13,626	6,870	1,792	256	1,311	887	428	2,082
Property Insurance	15	1,321	666	174	25	127	86	41	202
Injuries & Damages	16	(120)	(62)	(15)	(2)	(11)	(7)	(4)	(20)
Employee Pension & Benefits	16	112,548	57,737	13,967	1,880	10,096	6,280	3,928	18,660
Employee Pension & Benefits	16	74,917	38,433	9,297	1,251	6,720	4,180	2,615	12,421
Employee Pension & Benefits	16	19,333	9,918	2,399	323	1,734	1,079	675	3,205
Reg Commission Exp	19	8,867	4,485	1,256	190	943	648	229	1,116
Rents AG	15	4,664	2,352	613	88	449	304	146	713
Goodwill Advertising Exp	15	466	235	61	9	45	30	15	71
Misc Exp AG	15	18,340	9,247	2,412	345	1,764	1,194	576	2,802
Research & Development	15	0	0	0	0	0	0	0	0
<b>TOTAL A &amp; G OPERATIONS</b>		<b>900,904</b>	<b>494,972</b>	<b>112,979</b>	<b>14,916</b>	<b>78,272</b>	<b>50,534</b>	<b>26,596</b>	<b>122,635</b>
General Plant Maint AG - Labor	15	0	0	0	0	0	0	0	0
Maint Exp ARO/Net Neg Sal AG	18	(22,311)	(10,832)	(3,347)	(531)	(2,601)	(1,816)	(518)	(2,666)
General Plant Maint AG	15	4,474	2,256	588	84	430	291	140	684
<b>TOTAL A &amp; G EXPENSE - MAINTENANCE</b>		<b>(17,837)</b>	<b>(8,576)</b>	<b>(2,758)</b>	<b>(447)</b>	<b>(2,171)</b>	<b>(1,525)</b>	<b>(377)</b>	<b>(1,983)</b>
<b>TOTAL A &amp; G EXPENSE</b>		<b>883,067</b>	<b>486,395</b>	<b>110,221</b>	<b>14,469</b>	<b>76,101</b>	<b>49,010</b>	<b>26,219</b>	<b>120,652</b>
<b>Total Operation &amp; Maintenance Expenses</b>		<b>1,681,552</b>	<b>887,481</b>	<b>217,382</b>	<b>30,199</b>	<b>154,983</b>	<b>103,440</b>	<b>50,327</b>	<b>237,739</b>

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Schedule B-WAR

MISSOURI-AMERICAN WATER COMPANY

WARRENSBURG DISTRICT

COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2009, ALLOCATED TO CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Cost of Service (3)	Customer Classifications					Fire Protection	
			Residential (4)	Commercial (5)	Industrial (6)	Public Authorities (7)	Sales for Resale (8)	Private (9)	Public (10)
<b>DEPRECIATION EXPENSE</b>									
Struct & Imp SS	2	2,975	1,471	570	102	458	364	2	8
Struct & Imp P	6	15,946	7,866	3,046	544	2,451	1,945	21	73
Struct & Imp WT	2	30,620	15,139	5,864	1,047	4,719	3,748	24	80
Struct & Imp TD	7	7,373	2,760	1,037	166	835	627	415	1,533
Struct & Imp AG	15	35	18	5	1	3	2	1	5
Struct & Imp Offices	15	4,330	2,183	569	81	417	282	136	662
Struct & Imp Store, Shop, Gar	15	2,515	1,268	331	47	242	164	79	384
Struct & Imp Misc	15	339	171	45	6	33	22	11	52
Collect & Impounding	1	0	0	0	0	0	0	0	0
Lake, River & Other Intakes	2	0	0	0	0	0	0	0	0
Wells & Springs	2	18,520	9,166	3,547	633	2,854	2,267	15	48
Supply Mains	2	3,142	1,553	602	107	484	385	3	8
Power Generation Equip	6	107	53	20	4	16	13	0	0
Power Generation Equip Othe	6	0	0	0	0	0	0	0	0
Pump Equip Electric	6	14,647	7,225	2,798	499	2,251	1,787	19	67
Pump Equip Diesel	6	0	0	0	0	0	0	0	0
Pump Equip Hydraulic	6	1,941	957	371	66	298	237	3	9
Pump Equip Other	6	290	143	55	10	45	35	0	1
WT Equip Non-Media	2	94,222	46,583	18,044	3,222	14,520	11,533	75	245
Dist Reservoirs & Standpipe	5	17,708	6,166	2,291	351	1,849	1,358	1,211	4,482
Elevated Tanks & Standpipes	5	1,533	534	198	30	160	118	105	388
Ground Level Facilities	5	0	0	0	0	0	0	0	0
TD Mains Not Classified by	7	7,435	2,783	1,045	167	842	633	419	1,546
TD Mains 4" & Less	4	1,377	480	178	27	144	106	94	348
TD Mains 6 to 8"	4	39,018	13,598	5,049	773	4,073	2,993	2,669	9,864
TD Mains 10 to 16"	3	57,413	26,829	10,397	1,854	8,365	6,648	712	2,607
TD Mains 18" & Grtr	3	18	8	3	1	3	2	0	1
Fire Mains	8	1,899	0	0	0	0	0	0	1,899
Services	10	59,234	48,465	5,758	219	1,872	53	2,867	0
Meters Bronze Case	9	12,553	9,381	1,598	174	1,342	58	0	0
Meters Plastic Case	9	0	0	0	0	0	0	0	0
Meters Other	9	2,397	1,791	305	33	256	11	0	0
Meters Other-Rem Rdr Unts	9	0	0	0	0	0	0	0	0
Meter Installations	9	23,886	17,850	3,041	332	2,553	110	0	0
Meter Installation Other	9	0	0	0	0	0	0	0	0
Meter Vaults	9	140	105	18	2	15	1	0	0
Hydrants	8	15,455	0	0	0	0	0	0	15,455
Other P/E Intangible	17	197	96	30	5	23	16	5	23
Other P/E TD	7	0	0	0	0	0	0	0	0
Other P/E CPS	15	712	359	94	13	68	46	22	109
Office Furniture & Equip	15	931	469	122	18	90	61	29	142
Comp & Periph Equip	15	23,946	12,074	3,149	450	2,304	1,559	752	3,659
Computer Software	15	24,407	12,306	3,210	459	2,348	1,589	766	3,729
Comp Software Personal	15	459	231	60	9	44	30	14	70
Data Handling Equipment	15	0	0	0	0	0	0	0	0
Other Office Equipment	15	0	0	0	0	0	0	0	0
Trans Equip Lt Duty Trks	15	3,805	1,918	500	72	368	248	119	581
Trans Equip Hvy Duty Trks	15	0	0	0	0	0	0	0	0
Trans Equip Autos	15	2,076	1,047	273	39	200	135	65	317
Trans Equip Other	15	0	0	0	0	0	0	0	0

WAR-6

Schedule B-WAR

MISSOURI-AMERICAN WATER COMPANY

WARRENSBURG DISTRICT

COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2009, ALLOCATED TO CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Cost of Service (3)	Residential (4)	Commercial (5)	Industrial (6)	Public Authorities (7)	Sales for Resale (8)	Fire Protection	
								Private (9)	Public (10)
Stores Equipment	15	0	0	0	0	0	0	0	0
Tools, Shop, Garage Equip	15	1,416	714	186	27	136	92	44	216
Tools, Shop, Garage Equip Oth	15	0	0	0	0	0	0	0	0
Laboratory Equipment	2	8,469	4,187	1,622	290	1,305	1,037	7	22
Laboratory Equip Other	2	0	0	0	0	0	0	0	0
Power Operated Equipment	15	916	462	120	17	88	60	29	140
Comm Equip Non-Telephone	15	827	417	109	16	80	54	26	126
Remote Control & Instr	15	2,942	1,483	387	55	283	192	92	450
Comm Equip Telephone	15	95	48	12	2	9	6	3	15
Misc Equipment	15	5,512	2,779	725	104	530	359	173	842
Other Tangible Property	15	1,252	631	165	24	120	82	39	191
<b>Total Depreciation Expense</b>		<b>515,030</b>	<b>263,758</b>	<b>77,547</b>	<b>12,098</b>	<b>59,095</b>	<b>41,065</b>	<b>11,068</b>	<b>50,399</b>
Amort-Other UP	18	1,532	744	230	36	179	125	36	183
Amort-Intangible Fin	2	420	208	80	14	65	51	0	1
Amort-Property Losses	2	0	0	0	0	0	0	0	0
<b>Taxes Other Than Income</b>									
Utility Reg Assessment Fee	19	31,598	15,982	4,474	676	3,362	2,310	815	3,978
Property Taxes	18	237,499	115,306	35,625	5,652	27,692	19,332	5,510	28,381
FUTA	16	427	219	53	7	38	24	15	71
FICA	16	22,813	11,601	2,806	378	2,028	1,262	789	3,749
SUTA	16	1,272	653	158	21	114	71	44	211
Other Taxes & Licenses	15	7,875	3,971	1,036	148	758	513	247	1,203
Gross Receipts Tax	19	0	0	0	0	0	0	0	0
<b>Total Taxes, Other Than Income</b>		<b>301,284</b>	<b>147,731</b>	<b>44,152</b>	<b>6,883</b>	<b>33,993</b>	<b>23,512</b>	<b>7,421</b>	<b>37,594</b>
Income Taxes	18	493,944	239,810	74,092	11,756	57,594	40,207	11,460	59,026
<b>Utility Income Available for Return</b>	<b>18</b>	<b>1,233,780</b>	<b>599,000</b>	<b>185,067</b>	<b>29,364</b>	<b>143,859</b>	<b>100,430</b>	<b>28,624</b>	<b>147,437</b>
<b>Total Cost of Service</b>		<b>4,227,542</b>	<b>2,138,732</b>	<b>598,550</b>	<b>90,350</b>	<b>449,766</b>	<b>308,830</b>	<b>108,935</b>	<b>532,379</b>
Less: Other Water Revenues	19	86,529	43,766	12,252	1,852	9,207	6,325	2,232	10,894
Revenue Contribution	19	0	0	0	0	0	0	0	0
<b>Total Other Water Revenues</b>		<b>86,529</b>	<b>43,766</b>	<b>12,252</b>	<b>1,852</b>	<b>9,207</b>	<b>6,325</b>	<b>2,232</b>	<b>10,894</b>
<b>Total Cost of Service Related to Sales of Water</b>		<b>\$ 4,141,013</b>	<b>\$ 2,094,966</b>	<b>\$ 586,298</b>	<b>\$ 88,498</b>	<b>\$ 440,560</b>	<b>\$ 302,505</b>	<b>\$ 106,702</b>	<b>\$ 521,485</b>
Reallocation of Public Fire	20	0	391,479	66,698	7,301	56,008	0	0	(521,485)
<b>Total</b>		<b>\$ 4,141,013</b>	<b>\$ 2,486,444</b>	<b>\$ 652,996</b>	<b>\$ 95,799</b>	<b>\$ 496,567</b>	<b>\$ 302,505</b>	<b>\$ 106,702</b>	<b>\$ -</b>

WAR-7

Schedule B-WAR

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

**FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS**

**FACTOR 1. ALLOCATION OF COSTS WHICH VARY WITH THE AMOUNT OF WATER CONSUMED.**

Factors are based on the pro forma test year average daily consumption for each customer classification.

<u>Customer Classification</u> (1)	<u>Average Daily Consumption, Thousand Gallons</u> (2)	<u>Allocation Factor</u> (3)
Residential	1,021	0.4601
Commercial	435	0.1960
Industrial	91	0.0410
Other Public Authority	350	0.1577
Sales for Resale	309	0.1393
Private Fire Protection	3	0.0014
Public Fire Protection	10	0.0045
<b>Total</b>	<u>2,219</u>	<u>1.0000</u>

**FACTOR 2. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND MAXIMUM DAY EXTRA CAPACITY FUNCTIONS.**

Factors are based on the weighting of the factors for average daily consumption (Factor 1) and the factors derived from maximum day extra capacity demand for each customer classification, as follows:

<u>Customer Classification</u> (1)	<u>Average Daily Consumption</u>		<u>Maximum Day Extra Capacity</u>		<u>Allocation Factor</u> (6)=(3)+(5)
	<u>Allocation Factor 1</u> (2)	<u>Weighted Factor</u> (3)=(2)x 0.5882	<u>Allocation Factor</u> (4)	<u>Weighted Factor</u> (5)=(4)x 0.4118	
Residential	0.4601	0.2707	0.5431	0.2237	0.4944
Commercial	0.1960	0.1153	0.1851	0.0762	0.1915
Industrial	0.0410	0.0241	0.0245	0.0101	0.0342
Other Public Authority	0.1577	0.0928	0.1489	0.0613	0.1541
Sales for Resale	0.1393	0.0819	0.0984	0.0405	0.1224
Private Fire Protection	0.0014	0.0008			0.0008
Public Fire Protection	0.0045	0.0026			0.0026
<b>Total</b>	<u>1.0000</u>	<u>0.5882</u>	<u>1.0000</u>	<u>0.4118</u>	<u>1.0000</u>

The derivation of the maximum day extra capacity factors in column 4 and the basis for the column 3 and 5 weightings are presented on the following page.

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

**FACTOR 2. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND  
MAXIMUM DAY EXTRA CAPACITY FUNCTIONS, cont.**

Customer Classification	Average Daily Consumption, Thousand Gal.	Maximum Day Extra Capacity		
		Factor*	Rate of Flow, Thousand Gal. Per Day	Allocation Factor
(1)	(2)	(3)	(4)=(2)x(3)	(5)
Residential	1,021	1.0	1,021	0.5431
Commercial	435	0.8	348	0.1851
Industrial	91	0.5	46	0.0245
Other Public Authority	350	0.8	280	0.1489
Sales for Resale	309	0.6	185	0.0984
Total	<u>2,206</u>		<u>1,880</u>	<u>1.0000</u>

The weighting of the factors is based on the maximum day ratio of 1.70, based on a review of maximum day ratios experienced during the period 1990 through 2007 (see Schedule D).

	Maximum Day Ratio	Weight
Average Day	1.00	0.5882
Maximum Day Extra Capacity	<u>0.70</u>	<u>0.4118</u>
Total	<u>1.70</u>	<u>1.0000</u>

\* Ratio of maximum day to average day minus 1.0.

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

**FACTOR 3. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE, MAXIMUM DAY EXTRA CAPACITY AND FIRE PROTECTION FUNCTIONS.**

Factors are based on the weighting of the average daily consumption, the maximum day extra capacity demand, and the fire protection demand for each customer classification.

Customer Classification	Average Daily Consumption		Maximum Day Extra Capacity		Fire Protection		Allocation Factor
	Allocation Factor	Weighted Factor	Allocation Factor	Weighted Factor	Allocation Factor	Weighted Factor	
(1)	(2)	(3)=(2) X	(4)	(5)=(4) X	(6)	(7)=(6) X	(8)=(3)+(5)+(7)
		0.5562		0.3893		0.0545	
Residential	0.4601	0.2559	0.5431	0.2114			0.4673
Commercial	0.1960	0.1090	0.1851	0.0721			0.1811
Industrial	0.0410	0.0228	0.0245	0.0095			0.0323
Other Public Authority	0.1577	0.0877	0.1489	0.0580			0.1457
Sales for Resale	0.1393	0.0775	0.0984	0.0383			0.1158
Private Fire Protection	0.0014	0.0008			0.2129	0.0116	0.0124
Public Fire Protection	0.0045	0.0025			0.7871	0.0429	0.0454
<b>Total</b>	<b>1.0000</b>	<b>0.5562</b>	<b>1.0000</b>	<b>0.3893</b>	<b>1.0000</b>	<b>0.0545</b>	<b>1.0000</b>

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**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 3. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE, MAXIMUM DAY EXTRA CAPACITY AND FIRE PROTECTION FUNCTIONS, cont.

The weighting of the factors is based on the potential demand of general and fire protection service. The bases for the potential demand of general service are the maximum day ratio of 1.70 and the average daily system sendout for 2008 of 2.451 MGD. The system demand for fire protection is 2,000 Gallons per minute for 2 hours.

	<u>Ratio</u>	<u>Rate of Flow, (GPD)</u>	<u>Weight</u>
Average Day	1.00	2,450,797	0.5562
Maximum Day Extra Capacity	<u>0.70</u>	<u>1,715,558</u>	<u>0.3893</u>
Subtotal	<u>1.70</u>	4,166,355	0.9455
Fire Protection		<u>240,000</u>	<u>0.0545</u>
Total		<u>4,406,355</u>	<u>1.0000</u>

The public and private fire protection allocation factors in column 6 on the previous page are based on the relative potential demands (see Schedule E).

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 4. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND MAXIMUM HOUR EXTRA CAPACITY FUNCTIONS.

Factors are based on the weighting of the average daily consumption, the maximum day extra capacity demand, and the fire protection demand for each customer classification.

Customer Classification	Average Hourly Consumption			Maximum Hour Extra Capacity		Fire Protection		Allocation Factor
	Thousand Gallons	Allocation Factor	Weighted Factor	Allocation Factor	Weighted Factor	Allocation Factor	Weighted Factor	
(1)	(2)	(3)	(4)=(3) X 0.2721	(5)	(6)=(5) X 0.4082	(7)	(8)=(7) X 0.3197	(9)=(4)+(6)+(8)
Residential	42.5	0.4600	0.1251	0.5472	0.2234			0.3485
Commercial	18.1	0.1959	0.0533	0.1865	0.0761			0.1294
Industrial	3.8	0.0411	0.0112	0.0210	0.0086			0.0198
Other Public Authority	14.6	0.1580	0.0430	0.1504	0.0614			0.1044
Sales for Resale	12.9	0.1396	0.0380	0.0949	0.0387			0.0767
Private Fire Protection	0.1	0.0011	0.0003			0.2129	0.0681	0.0684
Public Fire Protection	0.4	0.0043	0.0012			0.7871	0.2516	0.2528
<b>Total</b>	<b>92.4</b>	<b>1.0000</b>	<b>0.2721</b>	<b>1.0000</b>	<b>0.4082</b>	<b>1.0000</b>	<b>0.3197</b>	<b>1.0000</b>

The maximum hour extra capacity factors in column 5 are determined as follows:

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**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

**FACTOR 4. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND  
MAXIMUM HOUR EXTRA CAPACITY FUNCTIONS, cont.**

The weighting of the factors is based on the potential demand of general and fire protection service. The bases for the potential demand of general service are the maximum hour ratio of 2.5 and the average daily system sendout for 2008 of 2.451 MGD. The system demand for fire protection is 2,000 gallons per minute.

	Ratio	Rate of Flow, (GPM)	Weight
Average Hour	1.00	1,702	0.2721
Maximum Hour Extra Capacity	1.50	2,553	0.4082
Subtotal	<u>2.50</u>	4,255	0.6803
Fire Protection		2,000	0.3197
Total		<u>6,255</u>	<u>1.0000</u>

The maximum hour extra capacity factors in column 5 of the previous page are determined as follows:

Customer Classification	Average Hourly Consumption Thousand Gal.	Maximum Hour Extra Capacity		
		Factor*	1,000 Gallons Per Hour	Allocation Factor
(1)	(2)	(3)	(4)=(2)x(3)	(5)
Residential	42.5	3.5	148.8	0.5472
Commercial	18.1	2.8	50.7	0.1865
Industrial	3.8	1.5	5.7	0.0210
Other Public Authority	14.6	2.8	40.9	0.1504
Sales for Resale	12.9	2.0	25.8	0.0949
Total	<u>91.9</u>		<u>271.9</u>	<u>1.0000</u>

\* Ratio of Maximum Hour To Average Hour Minus 1.0.

The public and private fire protection allocation factors in column 7 on the previous page are based on the relative potential demands (see Schedule E).

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 5. ALLOCATION OF COSTS ASSOCIATED WITH STORAGE FACILITIES.

Factors are based on the weighting of the average hourly consumption, the maximum hour extra capacity demand, and the fire protection demand for each customer classification.

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Customer Classification	Average Hourly Consumption			Maximum Hour Extra Capacity		Fire Protection		Allocation Factor
	Thousand Gallons	Allocation Factor	Weighted Factor	Allocation Factor	Weighted Factor	Allocation Factor	Weighted Factor	
(1)	(2)	(3)	(4)=(3) X 0.2720	(5)	(6)=(5) X 0.4080	(7)	(8)=(7) X 0.3200	(9)=(4)+(6)+(8)
Residential	42.5	0.4600	0.1250	0.5472	0.2232			0.3482
Commercial	18.1	0.1959	0.0533	0.1865	0.0761			0.1294
Industrial	3.8	0.0411	0.0112	0.0210	0.0086			0.0198
Other Public Authority	14.6	0.1580	0.0430	0.1504	0.0614			0.1044
Sales for Resale	12.9	0.1396	0.0380	0.0949	0.0387			0.0767
Private Fire Protection	0.1	0.0011	0.0003			0.2129	0.0681	0.0684
Public Fire Protection	0.4	0.0043	0.0012			0.7871	0.2519	0.2531
<b>Total</b>	<b>92.4</b>	<b>1.0000</b>	<b>0.2720</b>	<b>1.0000</b>	<b>0.4080</b>	<b>1.0000</b>	<b>0.3200</b>	<b>1.0000</b>

The weighting of the factors is based on the ratio of the capacity required for a 2 hour demand of fire flow, as related to total storage capacity. The calculation is shown on the following page.

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MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 5. ALLOCATION OF COSTS ASSOCIATED WITH STORAGE FACILITIES, cont.

The weighting of the factors is based on the ratio of the capacity required for a 2 hour demand of fire flow, as related to total storage capacity.

$$\text{Fire Protection Weight} = \frac{2,000 \text{ GPM} \times 60 \text{ Min.} \times 2 \text{ Hrs.}}{750,000 \text{ Gallons}} = 0.3200$$

$$\text{General Service Weight} = 1.0000 - 0.3200 = 0.6800$$

The weighting of the average hourly consumption and maximum hour extra demand for general service is based on the maximum hour ratio, as follows:

	<u>Maximum Hour Ratio</u>	<u>Percent</u>	<u>Weight</u>
Average Hour	1.00	40.00	0.2720
Extra Capacity Maximum Hour	<u>1.50</u>	<u>60.00</u>	<u>0.4080</u>
Total	<u><u>2.50</u></u>	<u><u>100.00</u></u>	<u><u>0.6800</u></u>

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 6. ALLOCATION OF COSTS ASSOCIATED WITH POWER AND PUMPING FACILITIES:

Factors are based on the weighting of the maximum daily consumption, Factor 2, the maximum daily consumption with fire, Factor 3, and the maximum hour consumption, Factor 4, for each customer classification, as follows:

Customer Classification	Maximum Daily Consumption		Maximum Daily Consumption w/ Fire		Maximum Hourly Consumption		Allocation Factor
	Allocation Factor 2	Weighted Factor	Allocation Factor 3	Weighted Factor	Allocation Factor 4	Weighted Factor	
(1)	(2)	(3)=(2)X	(4)	(5)=(4)X	(6)	(7)=(6)X	(8)=(3)+ (5)+(7)
		0.9920		0.0000		0.0080	
Residential	0.4944	0.4904	0.4673	0.0000	0.3485	0.0029	0.4933
Commercial	0.1915	0.1900	0.1811	0.0000	0.1294	0.0010	0.1910
Industrial	0.0342	0.0339	0.0323	0.0000	0.0198	0.0002	0.0341
Other Public Authority	0.1541	0.1529	0.1457	0.0000	0.1044	0.0008	0.1537
Sales for Resale	0.1224	0.1214	0.1158	0.0000	0.0767	0.0006	0.1220
Private Fire Protection	0.0008	0.0008	0.0124	0.0000	0.0684	0.0005	0.0013
Public Fire Protection	0.0026	0.0026	0.0454	0.0000	0.2528	0.0020	0.0046
<b>Total</b>	<b>1.0000</b>	<b>0.9920</b>	<b>1.0000</b>	<b>0.0000</b>	<b>1.0000</b>	<b>0.0080</b>	<b>1.0000</b>

The weighting of the factors is based on the horsepower of pumps associated with maximum day facilities, maximum day and fire facilities, and maximum hour facilities, as follows:

	Horsepower of Pumps	Weight
Associated with Maximum Day	1,240	0.9920
Associated with Maximum Day and Fire	0	0.0000
Associated with Maximum Hour	10	0.0080
<b>Total</b>	<b>1,250</b>	<b>1.0000</b>

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 7. ALLOCATION OF COSTS ASSOCIATED WITH TRANSMISSION AND DISTRIBUTION MAINS.

Factors are based on the weighting of the maximum daily consumption with fire, Factor 3, and the maximum hour consumption, Factor 4, for each customer classification, as follows:

Customer Classification	Maximum Daily Consumption w/ Fire		Maximum Hourly Consumption		Allocation Factor
	Allocation Factor 3	Weighted Factor	Allocation Factor 4	Weighted Factor	
(1)	(2)	(3)=(2)X	(4)	(5)=(4)X	(6)=(3)+(5)
		0.2162		0.7838	
Residential	0.4673	0.1010	0.3485	0.2733	0.3743
Commercial	0.1811	0.0392	0.1294	0.1014	0.1406
Industrial	0.0323	0.0070	0.0198	0.0155	0.0225
Other Public Authority	0.1457	0.0315	0.1044	0.0818	0.1133
Sales for Resale	0.1158	0.0250	0.0767	0.0601	0.0851
Private Fire Protection	0.0124	0.0027	0.0684	0.0536	0.0563
Public Fire Protection	0.0454	0.0098	0.2528	0.1981	0.2079
<b>Total</b>	<u>1.0000</u>	<u>0.2162</u>	<u>1.0000</u>	<u>0.7838</u>	<u>1.0000</u>

The weighting of the factors is based on the total footage of mains, designated as either transmission mains or distribution mains, as follows:

	Total Footage of Mains	Weight
Transmission Mains	121,373	0.2162
Distribution Mains	440,103	0.7838
<b>Total</b>	<u>561,476</u>	<u>1.0000</u>

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 8. ALLOCATION OF COSTS ASSOCIATED WITH FIRE HYDRANTS.

Costs are assigned directly to Public Fire Protection.

<u>Customer Classification</u> (1)	<u>Allocation Factor</u> (3)
Public Fire Protection	1.0000
Total	<u>1.0000</u>

FACTOR 9. ALLOCATION OF COSTS ASSOCIATED WITH METERS.

Factors are based on the relative cost of meters by size and customer classification, as developed on the following page and summarized below.

<u>Customer Classification</u> (1)	<u>5/8" Dollar Equivalents</u> (2)	<u>Allocation Factor</u> (3)
Residential	6,173	0.7473
Commercial	1,052	0.1273
Industrial	115	0.0139
Other Public Authority	883	0.1069
Sales for Resale	38	0.0046
Private Fire	0	0.0000
Total	<u>8,261</u>	<u>1.0000</u>

MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT

BASIS FOR ALLOCATING METER COSTS TO CUSTOMER CLASSIFICATIONS

Meter Size	5/8" Dollar Equivalent	Residential		Commercial		Industrial		Other Public Authority		Sales for Resale		Total	
		Number of Meters	Weighting	Number of Meters	Weighting	Number of Meters	Weighting	Number of Meters	Weighting	Number of Meters	Weighting	Number of Meters	Weighting
(1)	(2)	(3)	(4)=(2)X(3)	(5)	(6)=(2)X(5)	(7)	(8)=(2)X(7)	(9)	(10)=(2)X(9)	(11)	(12)=(2)X(11)	(13)	(14)
5/8	1.0	6,121	6,121	412	412	0	0	87	87	0	0	6,820	6,820
3/4	1.3	3	4	7	9	0	0	1	1	0	0	11	14
1	1.7	23	39	79	134	4	7	6	10	0	0	112	190
1-1/2	3.5	0	0	28	98	1	4	5	18	0	0	34	120
2	4.3	2	9	84	361	6	26	37	159	2	9	131	564
3	19.0	0	0	2	38	1	19	6	114	0	0	9	171
4	29.3	0	0	0	0	2	59	13	381	1	29	16	469
6	48.4	0	0	0	0	0	0	0	0	0	0	0	0
8	112.9	0	0	0	0	0	0	1	113	0	0	1	113
Total		6,149	6,173	612	1,052	14	115	156	883	3	38	6,934	8,261

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MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 10. ALLOCATION OF COSTS ASSOCIATED WITH SERVICES.

Factors are based on the relative cost of services by size and customer classification, as developed on the following page and summarized below.

<u>Customer Classification</u> (1)	<u>3/4" Dollar Equivalents</u> (2)	<u>Allocation Factor</u> (3)
Residential	6,155	0.8182
Commercial	731	0.0972
Industrial	28	0.0037
Other Public Authority	238	0.0316
Sales for Resale	7	0.0009
Private Fire Protection	364	0.0484
Total	<u>7,523</u>	<u>1.0000</u>

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

**BASIS FOR ALLOCATING SERVICE COSTS TO CUSTOMER CLASSIFICATIONS**

Service Size (1)	3/4" Dollar Equivalent (2)	Residential		Commercial		Industrial		Other Public Authority		Sales for Resale		Private Fire Protection		Total	
		Number of Services (3)	Weighting (4)=(2)X(3)	Number of Services (5)	Weighting (6)=(2)X(5)	Number of Services (7)	Weighting (8)=(2)X(7)	Number of Services (9)	Weighting (10)=(2)X(9)	Number of Services (11)	Weighting (12)=(2)X(11)	Number of Services (13)	Weighting (14)=(2)X(13)	Number of Services (15)	Weighting (16)
3/4	1.00	6,124	6,124	419	419	0	0	88	88	0	0	0	0	6,631	6,631
1	1.17	23	27	79	92	4	5	6	7	0	0	0	0	112	131
1-1/2	1.58	0	0	28	44	1	2	5	8	0	0	0	0	34	54
2	2.04	2	4	84	171	6	12	37	75	2	4	2	4	133	270
3	2.73	0	0	2	5	1	3	6	18	0	0	1	3	10	27
4	2.88	0	0	0	0	2	6	13	37	1	3	18	52	34	98
6	4.24	0	0	0	0	0	0	0	0	0	0	35	148	35	148
8	6.98	0	0	0	0	0	0	1	7	0	0	21	147	22	154
10	9.50	0	0	0	0	0	0	0	0	0	0	1	10	1	10
12	12.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>6,149</b>	<b>6,155</b>	<b>612</b>	<b>731</b>	<b>14</b>	<b>28</b>	<b>156</b>	<b>238</b>	<b>3</b>	<b>7</b>	<b>78</b>	<b>364</b>	<b>7,012</b>	<b>7,523</b>

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**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

**FACTOR 11. ALLOCATION OF TRANSMISSION AND DISTRIBUTION OPERATION SUPERVISION AND ENGINEERING AND MISCELLANEOUS EXPENSES.**

Factors are based on transmission and distribution operation expenses other than those being allocated, as follows:

Customer Classification	Transmission & Distribution Operating Expenses	Allocation Factor
(1)	(2)	(3)
Residential	\$ 76,917	0.4461
Commercial	23,622	0.1370
Industrial	3,538	0.0205
Other Public Authority	18,836	0.1092
Sales for Resale	12,081	0.0701
Private Fire Protection	8,231	0.0477
Public Fire Protection	29,215	0.1694
<b>Total</b>	<b>172,441</b>	<b>1.0000</b>

**FACTOR 12. ALLOCATION OF TRANSMISSION AND DISTRIBUTION MAINTENANCE SUPERVISION AND ENGINEERING, STRUCTURES AND IMPROVEMENTS, AND OTHER EXPENSES.**

Factors are based on transmission and distribution maintenance expenses other than those being allocated as follows:

Customer Classification	Transmission & Distribution Maintenance Expenses	Allocation Factor
(1)	(2)	(3)
Residential	\$ 10,795	0.3584
Commercial	2,050	0.0681
Industrial	223	0.0074
Other Public Authority	1,342	0.0445
Sales for Resale	582	0.0193
Private Fire Protection	707	0.0235
Public Fire Protection	14,422	0.4788
<b>Total</b>	<b>\$30,120</b>	<b>1.0000</b>

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 13. ALLOCATION OF BILLING AND COLLECTING COSTS.

Factors are based on the total number of customers.

<u>Customer Classification</u> (1)	<u>Total Customers</u> (2)	<u>Allocation Factor</u> (3)
Residential	6,149	0.8767
Commercial	612	0.0872
Industrial	14	0.0020
Other Public Authority	156	0.0222
Sales for Resale	3	0.0004
Private Fire Protection	81	0.0115
Public Fire Protection	0	0.0000
 Total	 <u>7,015</u>	 <u>1.0000</u>

FACTOR 14. ALLOCATION OF METER READING COSTS.

Factors are based on the number of metered customers.

<u>Customer Classification</u> (1)	<u>Total Metered Customers</u> (2)	<u>Allocation Factor</u> (3)
Residential	6,149	0.8868
Commercial	612	0.0883
Industrial	14	0.0020
Other Public Authority	156	0.0225
Sales for Resale	3	0.0004
 Total	 <u>6,934</u>	 <u>1.0000</u>

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 15. ALLOCATION OF ADMINISTRATIVE AND GENERAL EXPENSES

Factors are based on the allocation of all other operation and maintenance expenses excluding purchased water, power, chemicals and waste disposal.

Customer Classification <u>(1)</u>	Operation & Maintenance Expenses <u>(2)</u>	Allocation Factor <u>(3)</u>
Residential	\$385,754	0.5042
Commercial	100,630	0.1315
Industrial	14,364	0.0188
Other Public Authority	73,627	0.0962
Sales for Resale	49,789	0.0651
Private Fire Protection	24,061	0.0314
Public Fire Protection	116,937	0.1528
Total	<u>\$765,162</u>	<u>1.0000</u>

FACTOR 15A. ALLOCATION OF CASH WORKING CAPITAL

Factors are based on the allocation of operation and maintenance expenses including purchased water, power, chemicals and waste disposal.

Customer Classification <u>(1)</u>	Operation & Maintenance Expenses <u>(2)</u>	Allocation Factor <u>(3)</u>
Residential	\$887,481	0.5277
Commercial	217,382	0.1293
Industrial	30,199	0.0180
Other Public Authority	154,983	0.0922
Sales for Resale	103,440	0.0615
Private Fire Protection	50,327	0.0299
Public Fire Protection	237,739	0.1414
Total	<u>\$1,681,552</u>	<u>1.0000</u>

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 16. ALLOCATION OF LABOR RELATED TAXES AND BENEFITS.

Factors are based on the allocation of direct labor expense.

Customer Classification	Direct Labor Expense	Allocation Factor
(1)	(2)	(3)
Residential	\$169,802	0.5130
Commercial	41,071	0.1241
Industrial	5,525	0.0167
Other Public Authority	29,690	0.0897
Sales for Resale	18,468	0.0558
Private Fire Protection	11,563	0.0349
Public Fire Protection	54,871	0.1658
Total	<u>\$330,989</u>	<u>1.0000</u>

FACTOR 17. ALLOCATION OF ORGANIZATION, FRANCHISES AND CONSENTS,  
MISCELLANEOUS INTANGIBLE PLANT AND OTHER RATE BASE ELEMENTS.

Factors are based on the allocation of the original cost less depreciation other than those items being allocated, as follows:

Customer Classification	Original Cost Less Depreciation	Allocation Factor
(1)	(2)	(3)
Residential	\$7,549,243	0.4853
Commercial	2,335,472	0.1502
Industrial	371,455	0.0239
Other Public Authority	1,816,079	0.1168
Sales for Resale	1,268,048	0.0815
Private Fire Protection	359,459	0.0231
Public Fire Protection	1,853,878	0.1192
Total	<u>\$15,553,634</u>	<u>1.0000</u>

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 18. ALLOCATION OF INCOME TAXES AND INCOME AVAILABLE FOR RETURN.

Factors are based on the allocation of the original cost measure of value rate base as shown on the following pages and summarized below.

Customer Classification (1)	Original Cost Measure of Value (2)	Allocation Factor (3)
Residential	\$6,723,758	0.4855
Commercial	2,076,830	0.1500
Industrial	330,028	0.0238
Other Public Authority	1,614,270	0.1166
Sales for Resale	1,126,753	0.0814
Private Fire Protection	321,053	0.0232
Public Fire Protection	1,654,443	0.1195
Total	<u>\$13,847,136</u>	<u>1.0000</u>

FACTOR 19. ALLOCATION OF REGULATORY COMMISSION EXPENSES, ASSESSMENTS AND OTHER WATER REVENUES.

The factors are based on the allocation of the total cost of service, excluding those items being allocated.

Customer Classification (1)	Total Cost of Service (2)	Allocation Factor (3)
Residential	\$2,118,265	0.5058
Commercial	592,820	0.1416
Industrial	89,484	0.0214
Other Public Authority	445,461	0.1064
Sales for Resale	305,872	0.0731
Private Fire Protection	107,891	0.0258
Public Fire Protection	527,285	0.1259
Total	<u>\$4,187,077</u>	<u>1.0000</u>

**MISSOURI-AMERICAN WATER COMPANY**  
**WARRENSBURG DISTRICT**  
**COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2009, ALLOCATED TO CUSTOMER CLASSIFICATIONS**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Residential (4)	Commercial (5)	Industrial (6)	Public Authorities (7)	Sales for Resale (8)	Fire Protection	
								Private (9)	Public (10)
<b>RATE BASE</b>									
Organization	17	\$ 2,961	\$ 1,437	\$ 445	\$ 71	\$ 346	\$ 241	\$ 68	\$ 353
Franchises	17	5,083	2,467	763	121	594	414	117	606
Land & Ld Rights SS	2	9,981	4,935	1,911	341	1,538	1,222	8	26
Land & Ld Rights P	6	0	0	0	0	0	0	0	0
Land & Ld Rights WT	2	511	253	98	17	79	63	0	1
Land & Ld Rights TD	7	147,169	55,065	20,692	3,311	16,674	12,524	8,286	30,596
Land & Land Rights AG	15	2,222	1,120	292	42	214	145	70	340
Struct & Imp SS	2	116,398	57,547	22,290	3,981	17,937	14,247	93	303
Struct & Imp P	6	200,372	98,844	38,271	6,833	30,797	24,445	260	922
Struct & Imp Pump Boosters	6	0	0	0	0	0	0	0	0
Struct & Imp WT	2	766,107	378,763	146,709	26,201	118,057	93,771	613	1,992
Struct & Imp TD	7	314,868	117,780	44,242	7,080	35,652	26,778	17,716	65,420
Struct & Imp TD Spec Cross	7	0	0	0	0	0	0	0	0
Struct & Imp AG	15	1,456	734	191	27	140	95	46	222
Struct & Imp Offices	15	119,539	60,271	15,719	2,247	11,500	7,782	3,754	16,266
Gen Structures HVAC	15	0	0	0	0	0	0	0	0
Struct & Imp Leasehold	15	7	4	1	0	1	0	0	1
Struct & Imp Leasehold	15	0	0	0	0	0	0	0	0
Struct & Imp Store, Shop, Gar	15	52,294	26,367	6,877	983	5,031	3,404	1,642	7,991
Struct & Imp Misc	15	14,455	7,288	1,901	272	1,391	941	454	2,209
Collect & Impounding	1	0	0	0	0	0	0	0	0
Lake, River & Other Intakes	2	0	0	0	0	0	0	0	0
Wells & Springs	2	682,411	337,384	130,682	23,338	105,160	83,527	546	1,774
Supply Mains	2	124,369	61,488	23,817	4,253	19,165	15,223	99	323
Power Generation Equip	6	4,386	2,164	838	150	674	535	6	20
Power Generation Equip Othe	6	0	0	0	0	0	0	0	0
Boiler Plant Equipment P	6	0	0	0	0	0	0	0	0
Pump Equip Steam	6	0	0	0	0	0	0	0	0
Pump Equip Electric	6	800,138	394,708	152,826	27,285	122,981	97,617	1,040	3,681
Pump Equip Elec Boosters Po	6	0	0	0	0	0	0	0	0
Pump Equip Diesel	6	0	0	0	0	0	0	0	0
Pump Equip Hydraulic	6	81,468	40,188	15,560	2,778	12,522	9,939	106	375
Pump Equip Other	6	6,318	3,117	1,207	215	971	771	8	29
Pump Equip WT	6	0	0	0	0	0	0	0	0
Pump Equip TD	6	0	0	0	0	0	0	0	0
WT Equip Non-Media	2	2,489,225	1,230,673	476,687	85,131	383,590	304,681	1,991	6,472
WT Equip Filter Media	2	(2,411)	(1,192)	(462)	(82)	(372)	(295)	(2)	(6)
Dist Reservoirs & Standpipe	5	455,212	158,505	58,904	9,013	47,524	34,915	31,136	115,214
Elevated Tanks & Standpipes	5	52,039	18,120	6,734	1,030	5,433	3,991	3,559	13,171
Ground Level Facilities	5	0	0	0	0	0	0	0	0
TD Mains Not Classified by	7	1,272,219	476,192	178,874	28,625	144,142	108,266	71,626	264,494
TD Mains 4" & Less	4	57,558	20,059	7,448	1,140	6,009	4,415	3,937	14,551
TD Mains 6 to 8"	4	1,547,196	539,198	200,207	30,634	161,527	118,670	105,828	391,131
TD Mains 10 to 16"	3	2,303,906	1,076,615	417,237	74,416	335,679	266,792	28,568	104,597
TD Mains 18" & Grtr	3	726	339	132	23	106	84	9	33
Fire Mains	8	98,553	0	0	0	0	0	0	98,553
Services	10	1,403,324	1,148,200	136,403	5,192	44,345	1,263	67,921	0
Meters Bronze Case	9	531,290	397,033	67,633	7,385	56,795	2,444	0	0
Meters Plastic Case	9	0	0	0	0	0	0	0	0
Meters Other	9	(36,967)	(27,625)	(4,706)	(514)	(3,952)	(170)	0	0

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Schedule C-WAR

MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT  
COST OF SERVICE FOR THE TWELVE MONTHS ENDED JUNE 30, 2009, ALLOCATED TO CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Cost of Service (3)	Residential (4)	Commercial (5)	Industrial (6)	Public Authorities (7)	Sales for Resale (8)	Fire Protection Private (9)	Public (10)
Meters Other-Rem Rdr Unts	9	0	0	0	0	0	0	0	0
Meter Installations	9	908,135	678,649	115,606	12,823	97,080	4,177	0	0
Meter Installation Other	9	0	0	0	0	0	0	0	0
Meter Vaults	9	6,372	4,762	811	89	881	29	0	0
Hydrants	8	661,900	0	0	0	0	0	0	661,900
Other P/E Intangible	17	14,319	6,949	2,151	342	1,672	1,167	331	1,707
Other P/E WT Res Hand Equip	2	0	0	0	0	0	0	0	0
Other P/E TD	7	0	0	0	0	0	0	0	0
Other P/E CPS	15	22,506	11,348	2,960	423	2,165	1,465	707	3,439
Office Furniture & Equip	15	37,964	19,141	4,992	714	3,652	2,471	1,192	5,601
Comp & Periph Equip	15	62,324	31,424	8,196	1,172	5,996	4,057	1,957	9,523
Computer Software	15	12,326	6,215	1,621	232	1,186	802	387	1,883
Comp Software Personal	15	638	322	84	12	61	42	20	97
Comp Software Other	15	0	0	0	0	0	0	0	0
Data Handling Equipment	15	0	0	0	0	0	0	0	0
Other Office Equipment	15	68	34	9	1	7	4	2	10
Trans Equip Lt Duty Trks	15	53,914	27,183	7,090	1,014	5,187	3,510	1,893	8,238
Trans Equip Hvy Duty Trks	15	0	0	0	0	0	0	0	0
Trans Equip Autos	15	25,406	12,810	3,341	478	2,444	1,654	798	3,882
Trans Equip Other	15	(34,338)	(17,313)	(4,515)	(646)	(3,303)	(2,235)	(1,078)	(5,247)
Stores Equipment	15	(19)	(10)	(2)	(0)	(2)	(1)	(1)	(3)
Tools,Shop,Garage Equip	15	15,125	7,626	1,989	284	1,455	985	475	2,311
Tools,Shop,Garage Equip Oth	15	0	0	0	0	0	0	0	0
Laboratory Equipment	2	39,251	19,406	7,517	1,342	6,049	4,804	31	102
Laboratory Equip Other	2	0	0	0	0	0	0	0	0
Power Operated Equipment	15	35,022	17,658	4,805	658	3,369	2,280	1,100	5,351
Comm Equip Non-Telephone	15	8,112	4,090	1,067	153	780	528	255	1,240
Remote Control & Instr	15	39,680	20,007	5,218	746	3,817	2,583	1,246	6,063
Comm Equip Telephone	15	(2,972)	(1,498)	(391)	(56)	(286)	(193)	(93)	(454)
Misc Equipment	15	46,083	23,235	6,060	866	4,433	3,000	1,447	7,042
Other Tangible Property	17	4,150	2,014	623	99	485	338	96	495
<b>Total Utility Plant in Service</b>		<b>15,580,147</b>	<b>7,562,109</b>	<b>2,339,454</b>	<b>372,089</b>	<b>1,819,176</b>	<b>1,270,209</b>	<b>360,071</b>	<b>1,857,039</b>
<b>Other Rate Base Items</b>									
Add:									
Other Utility Plant Adjustments	17	0	0	0	0	0	0	0	0
Cash Working Capital	15A	12,000	6,332	1,552	216	1,106	738	359	1,697
Materials and Supplies	15	13,306	6,709	1,750	250	1,280	866	418	2,033
Prepayments	15	20,737	10,456	2,727	390	1,995	1,350	651	3,169
OPEB's Contributed to External Fund	16	113,178	58,060	14,045	1,890	10,152	6,315	3,950	18,765
Pension / OPEB Tracker	16	24,553	12,596	3,047	410	2,202	1,370	857	4,071
Regulatory Deferrals	17	21,452	10,411	3,222	513	2,506	1,748	496	2,557
Less:									
Accumulated Deferred ITC (3%)	17	0	0	0	0	0	0	0	0
Deferred Income Taxes	17	(1,855,630)	(900,537)	(278,718)	(44,350)	(216,738)	(151,234)	(42,865)	(221,191)
Pensions	16	(82,607)	(42,377)	(10,252)	(1,380)	(7,410)	(4,609)	(2,883)	(13,696)
<b>Total Other Rate Base Elements</b>		<b>(1,733,011)</b>	<b>(838,351)</b>	<b>(262,624)</b>	<b>(42,060)</b>	<b>(204,906)</b>	<b>(143,455)</b>	<b>(39,018)</b>	<b>(202,596)</b>
<b>Total Original Cost Measure of Value</b>		<b>\$ 13,847,136</b>	<b>\$ 6,723,758</b>	<b>\$ 2,076,830</b>	<b>\$ 330,028</b>	<b>\$ 1,614,270</b>	<b>\$ 1,126,753</b>	<b>\$ 321,053</b>	<b>\$ 1,654,443</b>

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Schedule C-WAR

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 20. REALLOCATION OF PUBLIC FIRE

Factors are based on the relative cost of meters by size and customer classification.

Customer Classification <u>(1)</u>	5/8" Dollar Equivalents <u>(2)</u>	Allocation Factor <u>(3)</u>
Residential	6,173	0.7507
Commercial	1,052	0.1279
Industrial	115	0.0140
Other Public Authority	883	0.1074
Sales for Resale	0	0.0000
Private Fire	0	0.0000
	<u>8,223</u>	<u>1.0000</u>
Total	<u>8,223</u>	<u>1.0000</u>

MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT

SUMMARY OF AVERAGE DAILY SEND OUT AND MAXIMUM DAILY USAGE  
FOR THE YEARS 1990-2008

Year	Average Daily Send out (MGD)	Maximum Daily Use		
		MGD	Ratio to Average	Highest Use Day
(1)	(2)	(3)	(4)	(5)
1990	2.048	3.225	1.57	8/28/1990
1991	2.120	3.397	1.60	8/27/1991
1992	2.225	3.348	1.50	7/1/1992
1993	2.408	3.933	1.63	8/26/1993
1994	2.287	3.636	1.59	6/20/1994
1995	2.318	3.631	1.57	8/30/1995
1996	2.287	3.421	1.50	7/18/1996
1997	2.241	3.863	1.72	7/24/1997
1998	2.393	3.792	1.58	7/21/1998
1999	2.427	3.893	1.60	7/29/1999
2000	2.472	4.075	1.65	8/29/2000
2001	2.403	3.647	1.52	8/21/2001
2002	2.548	3.769	1.48	9/8/2002
2003	2.404	4.189	1.74	8/26/2003
2004	2.262	3.162	1.40	6/8/2004
2005	2.488	4.011	1.61	8/2/2005
2006	2.537	4.001	1.58	8/9/2006
2007	2.540	3.833	1.51	8/7/2007
2008	2.451	3.449	1.41	7/23/2008

**MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT**

**BASIS FOR ALLOCATING DEMAND RELATED COSTS OF FIRE SERVICE  
TO PRIVATE AND PUBLIC FIRE PROTECTION CUSTOMER CLASSIFICATIONS**

Description (1)	Restrictive Diameters Squared (2)	Quantity (3)	Relative Demand (4)=(2)x(3)	Allocation Factor (5)
<b><u>PRIVATE FIRE PROTECTION</u></b>				
<b>Fire Lines</b>				
2 -inch	4.00	2	8	
3 -inch	9.00	0	0	
4 -inch	16.00	18	288	
6 -inch	36.00	35	1,260	
8 -inch	64.00	21	1,344	
10 -inch	100.00	1	100	
12 -inch	144.00	0	0	
Private Hydrants	26.50	4	106	
<b>Total Private Fire Protection</b>		<b>81</b>	<b>3,106</b>	<b>0.2129</b>
<b><u>PUBLIC FIRE PROTECTION</u></b>				
<b>Hydrant</b>	<b>Nozzle Sizes</b>			
5 1/4" Valve	1- 2-1/2" & 1- 4.5"	26.50	92	2,438
4 1/2" Valve	1- 2-1/2" & 1- 4.5"	20.25	354	7,169
4 1/2" Valve	1- 2-1/2"	6.25	300	1,875
<b>Total Public Fire Protection</b>		<b>746</b>	<b>11,482</b>	<b>0.7871</b>
<b>Total Fire Protection</b>		<b>827</b>	<b>14,588</b>	<b>1.0000</b>

MISSOURI-AMERICAN WATER COMPANY  
WARRENSBURG DISTRICT

## CALCULATION OF CUSTOMER CHARGE

(1) Cost Related to Meters	\$ 851,336	
(2) Meter Equivalents X 12	99,132	
(3) Cost per Bill - Meter related		\$ 8.59
(4) Cost Related to Services	285,584	
(5) Service Equivalents X 12	90,276	
(6) Cost per Bill - Services related		\$ 3.16
(7) Cost Related to Billing and Collecting	390,847	
(8) Number of Customers X 12	84,180	
(9) Cost per Bill - Billing and Collecting		<u>\$ 4.64</u>
(10) Total Customer Charge (3)+(6)+(9)		\$ 16.39