

ST. LOUIS METRO DISTRICT

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)
Rate A - Res/Com/Ind/OPA	\$ 166,073,134	87.0%	\$ 136,795,310	88.2%	\$ 166,030,744	87.0%	\$ 29,235,434	21.4%
Rate B - Sales for Resale	2,550,447	1.3%	2,418,389	1.6%	2,545,425	1.3%	127,036	5.3%
Rate J - Manufacturing	6,970,577	3.7%	5,928,260	3.8%	6,877,224	3.6%	948,964	16.0%
Rate F - Private Fire	1,918,665	1.0%	2,070,724	1.3%	2,070,724	1.1%	-	0.0%
Rate E - Public Fire	13,301,990	7.0%	8,001,215	5.1%	13,290,207	7.0%	5,288,992	66.1%
Total Sales	190,814,813	100.0%	155,213,898	100.0%	190,814,324	100.0%	35,600,426	22.9%
Other Revenues*	5,309,208		4,361,115		5,309,208		948,093	21.7%
Total	\$ 196,124,021		\$ 159,575,013		\$ 196,123,532		\$ 36,548,519	22.9%

* Includes Rate G and H Contract Sales.

** Cost of Service includes a revenue contribution to the Brunswick, Parkville Water, Warren County Water, Warren County Sewer and Cedar Hill Sewer Districts.

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)	Res/Com/Ind/OPA Rate A (4)	Sales for Resale Rate B (5)	Large Industrial Rate J (6)	Fire Protection Rate F (7)	Rate E (8)
OPERATION AND MAINTENANCE EXPENSES							
SOURCE OF SUPPLY EXPENSES							
Super & Eng Oper SS	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Labor & Exp Oper SS - Labor	2	67,257	60,444	1,984	4,614	47	168
Labor & Exp Oper SS	2	219,304	197,089	6,469	15,044	154	548
Purchased Water	1	199,977	173,320	6,679	18,758	260	960
TOTAL SS EXPENSE - OPERATION		486,538	430,853	15,133	38,416	461	1,676
Misc Exp Oper SS	2	285,340	256,435	8,418	19,574	200	713
Rents Oper SS	2	11	10	0	1	0	0
Super & Eng Maint SS	2	91	82	3	6	0	0
Struct & Improve Maint SS - Labor	2	0	0	0	0	0	0
Struct & Improve Maint SS	2	237	213	7	16	0	1
Collect & Impound Maint SS	2	0	0	0	0	0	0
Lake, River & Oth Maint SS - Labor	2	27,776	24,963	819	1,905	19	69
Lake, River & Oth Maint SS	2	0	0	0	0	0	0
Wells & Springs Maint SS - Labor	2	0	0	0	0	0	0
Wells & Springs Maint SS	2	0	0	0	0	0	0
Inflit Gall & Tunnels Maint SS - Labor	2	0	0	0	0	0	0
Supply Mains Maint SS - Labor	2	0	0	0	0	0	0
Misc Plant Maint SS - Labor	2	338,743	304,428	9,993	23,238	237	847
Misc Plant Maint SS	2	56,111	50,427	1,655	3,849	39	140
TOTAL SS EXPENSE - MAINTENANCE		708,309	636,557	20,895	48,590	496	1,771
TOTAL SS EXPENSE		1,194,847	1,067,410	36,028	87,006	956	3,447
POWER AND PUMPING EXPENSES							
Super & Eng Oper P	6	11,273	10,024	327	761	37	124
Fuel for Power Prod	1	0	0	0	0	0	0
Labor & Exp Oper Pwr Prod - Labor	6	0	0	0	0	0	0
Labor & Exp Oper Pwr Prod	6	0	0	0	0	0	0
Purch Fuel/Power for Pump	1	6,246,615	5,413,941	208,637	585,932	8,121	29,984
Labor & Exp Oper Pump - Labor	6	1,069,866	951,325	31,026	72,216	3,531	11,769
Labor & Exp Oper Pump	6	0	0	0	0	0	0
Misc Exp Oper P	6	23,731	21,102	688	1,602	78	261
Rents Oper P	6	187	167	5	13	1	2
TOTAL PUMPING EXPENSE - OPERATION		7,351,672	6,396,558	240,684	660,524	11,767	42,139

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)	Res/Com/Ind/OPA Rate A (4)	Sales for Resale Rate B (5)	Large Industrial Rate J (6)	Fire Protection Rate F (7)	Rate E (8)
Super & Eng Maint P	6	18,053	16,053	524	1,219	60	199
Struct & Improve Maint P - Labor	6	444,611	395,349	12,894	30,011	1,467	4,891
Power Prod Equip Maint P - Labor	6	89,021	79,157	2,582	6,009	294	979
Pump Equip Maint P - Labor	6	55,370	49,235	1,606	3,737	183	609
Pump Equip Maint P	6	1,354	1,204	39	91	4	15
TOTAL PUMPING EXPENSES - MAINTENANCE		608,409	540,997	17,644	41,068	2,008	6,692
TOTAL PUMPING EXPENSES		7,960,081	6,937,555	258,327	701,591	13,775	48,832
WATER TREATMENT							
Super & Eng Oper WT	2	99,529	89,447	2,936	6,828	70	249
Chemicals	1	9,415,122	8,160,086	314,465	883,138	12,240	45,193
Labor & Exp Oper WT - Labor	2	1,387,182	1,246,661	40,922	95,161	971	3,468
Labor & Exp Oper WT	2	147,815	132,841	4,361	10,140	103	370
Misc Exp Oper WT	1	116,190	104,420	3,428	7,971	81	290
Misc Exp Oper WT	2	445,209	385,863	14,870	41,761	579	2,137
Misc Exp Oper WT	2	32,484	29,193	958	2,228	23	81
Rents Oper WT	2	3,198	2,874	94	219	2	8
TOTAL WT EXPENSE - OPERATION		11,646,730	10,151,385	382,034	1,047,446	14,069	51,796
Super & Eng Maint WT	2	1,171,523	1,052,847	34,560	80,366	820	2,929
Struct & Improve Maint WT - Labor	2	2,765	2,485	82	190	2	7
Struct & Improve Maint WT	2	0	0	0	0	0	0
WT Equip Maint WT - Labor	2	250,905	225,488	7,402	17,212	176	627
WT Equip Maint WT	2	534,557	480,406	15,769	36,671	374	1,336
TOTAL WT EXPENSE - MAINTENANCE		1,959,750	1,761,227	57,813	134,439	1,372	4,899
TOTAL WT EXPENSE		13,606,480	11,912,613	439,846	1,181,885	15,441	56,695
TRANSMISSION AND DISTRIBUTION EXPENSES							
Super & Eng Oper TD	11	915,786	844,904	4,121	16,850	17,308	32,602
Storage Facility Exp - Labor	5	26,489	21,456	681	1,505	654	2,193
Storage Facility Exp	5	20	16	1	1	0	2
TD Lines Exp - Labor	7	1,159,297	1,058,206	6,840	21,911	16,578	55,762
TD Lines Exp	7	1,532,287	1,398,672	9,040	28,960	21,912	73,703
Meter Expense - Labor	9	521,428	502,500	0	14,809	4,119	0
Meter Expense	9	0	0	0	0	0	0
Customer Install Exp - Labor	10	455,792	428,353	0	729	26,709	0
Customer Install Exp	10	0	0	0	0	0	0
Misc Exp Oper TD - Labor	11	871,787	804,311	3,923	16,041	16,477	31,036
Misc Exp Oper TD	11	0	0	0	0	0	0
Misc Exp Oper TD	11	664,950	613,483	2,992	12,235	12,568	23,672
Rents Oper TD	11	5,501	5,076	25	101	104	196
TOTAL T & D EXPENSE OPERATION		6,153,337	5,676,977	27,623	113,142	116,430	219,165

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)	Res/Com/Ind/OPA Rate A (4)	Sales for Resale Rate B (5)	Large Industrial Rate J (6)	Fire Protection Rate F (7)	Rate E (8)
Super & Eng Maint TD	12	41,287	30,606	128	607	710	9,236
Struct & Improve Maint TD - Labor	12	17,596	13,044	55	259	303	3,936
Struct & Improve Maint TD	12	0	0	0	0	0	0
Dist Res Stand Maint TD - Labor	5	43,760	35,446	1,125	2,486	1,081	3,623
TD Main Maint TD - Labor	7	24,476	22,342	144	463	350	1,177
TD Main Maint TD	7	1,242,582	1,134,229	7,331	23,485	17,769	59,768
Fire Main Maint TD - Labor	8	88	0	0	0	0	88
Fire Main Maint TD	8	0	0	0	0	0	0
Services Maint TD - Labor	10	426,268	400,607	0	682	24,979	0
Services Maint TD	10	0	0	0	0	0	0
Meters Maint TD - Labor	9	492,675	474,791	0	13,992	3,892	0
Meters Maint TD	9	0	0	0	0	0	0
Hydrants Maint TD - Labor	8	559,197	0	0	0	0	559,197
Hydrants Maint TD	8	0	0	0	0	0	0
Misc Plant Maint TD - Labor	12	3,758,153	2,785,919	11,650	55,245	64,640	840,699
Mat and Sup Maint TD	12	1,140,355	845,345	3,535	16,764	19,614	255,097
Misc Maint TD	12	(75,237)	(55,773)	(233)	(1,106)	(1,294)	(16,831)
Amort Def Maint TD	5	284,110	230,129	7,302	16,137	7,018	23,524
Permits TD	12	59,546	51,555	216	1,022	1,196	15,557
TOTAL T & D EXPENSE - MAINTENANCE		8,024,857	5,968,239	31,252	130,034	140,258	1,755,073
TOTAL T & D EXPENSE		14,178,195	11,645,216	58,875	243,177	256,688	1,974,239
CUSTOMER ACCOUNTS							
Supervision CA	13	28,691	28,324	0	14	353	0
Meter Reading Exp CA - Labor	14	1,525,587	1,524,824	0	763	0	0
Meter Reading Exp CA	14	0	0	0	0	0	0
Meter Reading Exp CA	14	0	0	0	0	0	0
Cust Rec & Collection CA - Labor	13	687,949	679,143	0	344	8,462	0
Cust Rec & Collection CA	13	1,902,616	1,878,263	0	951	23,402	0
Uncollectible Accts	13	1,859,390	1,835,590	0	930	22,870	0
Misc Cust Accts Exp CA - Labor	13	62	62	0	0	1	0
Misc Cust Accts Exp CA	13	0	0	0	0	0	0
Misc Cust Accts Exp CA	13	59,496	58,734	0	30	732	0
Cust Serv & Info Exp CA	13	0	0	0	0	0	0
TOTAL CUSTOMER ACCOUNTING EXPENSE		6,063,791	6,004,939	0	3,032	55,820	0

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)	Res/Com/Ind/OPA Rate A (4)	Sales for Resale Rate B (5)	Large Industrial Rate J (6)	Rate F (7)	Rate E (8)
ADMINISTRATIVE AND GENERAL EXPENSES							
Salaries AG	15	3,868,946	3,396,548	35,981	99,432	46,427	290,558
Other Supplies & Exp AG	15	1,250	1,097	12	32	15	94
Other Supplies & Exp AG	15	1,229,432	1,079,318	11,434	31,596	14,753	92,330
Other Supplies & Exp AG	15	852,246	748,187	7,926	21,903	10,227	64,004
Mgmt Fees-Admin	15	16,356,721	14,359,565	152,118	420,368	196,281	1,228,390
Mgmt Fees-Customer Service	13	5,428,956	5,359,465	0	2,714	66,776	0
Mgmt Fees-Belleville Lab	2	674,590	606,254	19,900	46,277	472	1,686
Mgmt Fees- Employee	16	578,953	496,858	6,021	16,674	6,832	52,569
Outside Services AG	15	1,337,301	1,174,017	12,437	34,369	16,048	100,431
Outside Services AG	15	602,644	529,061	5,605	15,488	7,232	45,259
Ins Gen Liab Oper AG	15	2,298,910	2,018,213	21,380	59,082	27,587	172,648
Ins Work Comp AG	16	649,513	557,412	6,755	18,706	7,664	58,976
Ins Other Oper AG	15	710,683	623,909	6,609	18,265	8,528	53,372
Property Insurance	15	207,894	182,510	1,933	5,343	2,495	15,613
Injuries & Damages	16	12,162	10,437	126	350	144	1,104
Employee Pension & Benefits	16	6,790,066	5,827,235	70,617	195,554	80,123	616,538
Employee Pension & Benefits	16	4,386,737	3,764,698	45,622	126,338	51,763	398,316
Employee Pension & Benefits	16	1,057,385	907,447	10,997	30,453	12,477	96,011
Reg Commission Exp	19	462,436	402,458	6,197	16,879	4,671	32,232
Rents AG	15	229,809	201,750	2,137	5,906	2,758	17,259
Goodwill Advertising Exp	15	20,143	17,684	187	518	242	1,513
Misc Exp AG	15	774,597	680,019	7,204	19,907	9,295	58,172
Research & Development	15	0	0	0	0	0	0
TOTAL A & G OPERATIONS		48,531,374	42,944,141	431,197	1,186,153	572,809	3,397,074
General Plant Maint AG - Labor	15	0	0	0	0	0	0
Maint Exp ARO/Net Neg Sal AG	18	(569,065)	(490,079)	(7,398)	(20,088)	(5,861)	(45,639)
General Plant Maint AG	15	239,377	210,149	2,226	6,152	2,873	17,977
TOTAL A & G EXPENSE - MAINTENANCE		(329,688)	(279,930)	(5,172)	(13,936)	(2,989)	(27,662)
TOTAL A & G EXPENSE		48,201,686	42,664,211	426,026	1,172,217	569,820	3,369,412
Total Operation & Maintenance Expenses		91,205,079	80,231,944	1,219,103	3,388,907	912,500	5,452,625

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)	Sales for Resale			Fire Protection		
			Rate A (4)	Rate B (5)	Rate J (6)	Rate F (7)	Rate E (8)	
DEPRECIATION EXPENSE								
Struct & Imp SS	2	151,092	135,786	4,457	10,365	106	378	
Struct & Imp P	6	138,116	122,813	4,005	9,323	456	1,519	
Struct & Imp Pumps (STL)	6	326,819	290,607	9,478	22,060	1,079	3,595	
Struct & Imp Pump Boosters	6	222,603	197,939	6,455	15,026	735	2,449	
Struct & Imp WT	2	290,111	260,723	8,558	19,902	203	725	
Struct & Imp WT Nth Pit (ST)	2	334,498	300,613	9,868	22,947	234	836	
Struct & Imp WT Ctrl Pit 1	2	100,832	90,618	2,975	6,917	71	252	
Struct & Imp WT Ctrl Pit 3	2	793,492	713,111	23,408	54,434	555	1,984	
Struct & Imp WT Sth Pit (ST)	2	148,470	133,430	4,380	10,185	104	371	
Struct & Imp WT Meramec (ST)	2	351,830	316,190	10,379	24,136	246	880	
Struct & Imp TD	7	125,446	114,507	740	2,371	1,794	6,034	
Struct & Imp TD Spec Cross	7	5,721	5,222	34	108	82	275	
Struct & Imp AG	15	61,228	53,752	569	1,574	735	4,598	
Struct & Imp Offices	15	74,548	65,446	693	1,916	895	5,599	
Gen Structures HVAC	15	4,638	4,072	43	119	56	348	
Struct & Imp Leasehold	15	0	0	0	0	0	0	
Struct & Imp Leasehold	15	47,445	41,652	441	1,219	569	3,563	
Struct & Imp Store, Shop, Gar	15	14,537	12,762	135	374	174	1,092	
Struct & Imp Misc	15	32,882	28,867	306	845	395	2,469	
Collect & Impounding	1	0	0	0	0	0	0	
Lake, River & Other Intakes	2	0	0	0	0	0	0	
Wells & Springs	2	0	0	0	0	0	0	
Infiltration Galleries & Tunnels	2	0	0	0	0	0	0	
Supply Mains	2	12	11	0	1	0	0	
Supply Mains Nth Pit (STL)	2	4,260	3,828	126	292	3	11	
Supply Mains Ctrl Pit (STL)	2	69,622	62,569	2,054	4,776	49	174	
Supply Mains Sth Pit (STL)	2	5,852	5,259	173	401	4	15	
Supply Mains Meramec Pit (S)	2	22,598	20,309	667	1,550	16	56	
Power Generation Equip	6	25,965	23,088	753	1,753	86	286	
Power Generation Equip Othe	6	0	0	0	0	0	0	
Boiler Plant Equipment P	6	0	0	0	0	0	0	
Pump Equip Steam	6	0	0	0	0	0	0	
Pump Equip Electric	6	153,272	136,289	4,445	10,346	506	1,686	
Pump Equip Elec Pre46 (STL)	6	20,018	17,800	581	1,351	66	220	
Pump Equip Elec Post46 (STL)	6	627,248	557,749	18,190	42,339	2,070	6,900	
Pump Equip Elec Boosters Po	6	34,386	30,576	997	2,321	113	378	
Pump Equip Diesel	6	0	0	0	0	0	0	
Pump Equip Diesel Stratman)	6	0	0	0	0	0	0	
Pump Equip Diesel Ctrl Pit	6	43,747	38,900	1,269	2,953	144	481	
Pump Equip Hydraulic	6	1,819	1,617	53	123	6	20	
Pump Equip Other	6	2,449	2,178	71	165	8	27	
Pump Equip WT	6	14,438	12,838	419	975	48	159	
Pump Equip TD	6	0	0	0	0	0	0	
WT Equip Non-Media	2	229,720	206,449	6,777	15,759	161	574	

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

Account (1)	Factor Ref. (2)	Cost of Service (3)	Sales for Resale			Fire Protection	
			Res/Com/Ind/OPA Rate A (4)	Rate B (5)	Large Industrial Rate J (6)	Rate F (7)	Rate E (8)
WT Equip Non-Med North (STL)	2	223,269	200,652	6,586	15,316	156	558
WT Equip Non Media Ctrl 1 &	2	65,390	58,766	1,929	4,486	46	163
WT Equip Non Media Ctrl 3 (2	652,622	586,511	19,252	44,770	457	1,632
WT Equip Non Media Sth (STL)	2	190,690	171,373	5,625	13,081	133	477
WT Equip Non Media Mer (STL)	2	312,437	280,787	9,217	21,433	219	781
WT Equip Filter Media	2	35,515	31,917	1,048	2,436	25	89
Dist Reservoirs & Standpipe	5	45,057	36,496	1,158	2,559	1,113	3,731
Elevated Tanks & Standpipes	5	71,820	58,174	1,846	4,079	1,774	5,947
Ground Level Facilities	5	241,257	195,418	6,200	13,703	5,959	19,976
Below Ground Facilities	5	375	304	10	21	9	31
TD Mains Not Classified by	7	530,777	484,494	3,132	10,032	7,590	25,530
TD Mains 4" & Less	4	6,775	6,268	0	45	106	356
TD Mains 6 to 8"	4	125,781	116,373	0	830	1,962	6,616
TD Mains 10 to 16"	3	197,118	170,586	5,598	13,010	1,813	6,111
TD Mains 18" & Grtr	3	102,224	102,224	3,355	7,796	1,087	3,662
TD Mains AC 4" (STL)	4	27,964	25,873	0	185	436	1,471
TD Mains CI <10" 1900-28	4	28,901	26,739	0	191	451	1,520
TD Mains CI <10" 1929-56	4	172,815	159,888	0	1,141	2,696	9,090
TD Mains CI <10" 1957-93	4	546,833	505,929	0	3,609	8,531	28,763
TD Mains CI 12" (STL)	3	140,896	121,932	4,001	9,299	1,296	4,368
TD Mains CI 16" (STL)	3	204,057	176,591	5,795	13,468	1,877	6,326
TD Mains DI 6-8" (STL)	4	3,003,080	2,778,449	0	19,820	46,848	157,962
TD Mains DI 12" (STL)	3	818,741	708,539	23,252	54,037	7,532	25,381
TD Mains DI 16" & >(STL)	3	1,259,687	1,090,133	35,775	83,139	11,589	39,050
TD Mains Galve 1" (STL)	4	398	368	0	3	6	21
TD Mains LJ 20" (STL)	3	46,995	40,670	1,335	3,102	432	1,457
TD Mains PL 6-8in (STL)	4	0	0	0	0	0	0
TD Mains PL 12in (STL)	3	0	0	0	0	0	0
Fire Mains	8	5,099	0	0	0	0	0
Services	10	170,597	160,327	0	273	9,997	0
Meters Bronze Case	9	177,068	170,640	0	5,029	1,399	0
Meters Plastic Case	9	2	2	0	0	0	0
Meters Other	9	789,586	760,924	0	22,424	6,238	0
Meters Other-Rem Rdr Units	9	85,910	82,791	0	2,440	679	0
Meter Installations	9	138,621	133,589	0	3,937	1,095	0
Meter Installation Other	9	220,140	212,149	0	6,252	1,739	0
Meter Vaults	9	791	762	0	22	6	0
Hydrants	8	755,006	0	0	0	0	0
Other P/E Intangible	17	10,299	8,865	134	363	106	755,006
Other P/E WT Res Hand Equip	2	0	0	0	0	0	831
Other P/E TD	7	0	0	0	0	0	0
Other P/E CPS	15	48,128	42,252	448	1,237	578	0
Office Furniture & Equip	15	92,499	81,205	860	2,377	1,110	3,614
Comp & Periph Equip	15	1,654,391	1,452,390	15,386	42,518	19,853	6,947
Computer Software	15	1,898,337	1,666,550	17,655	48,787	22,780	124,245
Comp Software Personal	15	51,088	44,850	475	1,313	613	142,565
							3,837

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)	Res/Com/Ind/OPA Rate A (4)	Sales for Resale Rate B (5)	Large Industrial Rate J (6)	Rate F (7)	Rate E (8)
Comp Software Other	15	0	0	0	0	0	0
Data Handling Equipment	15	1,396	1,226	13	36	17	105
Other Office Equipment	15	16,154	14,182	150	415	194	1,213
Trans Equip Lt Duty Trks	15	5,514	4,841	51	142	66	414
Trans Equip Hvy Duty Trks	15	0	0	0	0	0	0
Trans Equip Autos	15	159,842	140,325	1,487	4,108	1,918	12,004
Trans Equip Other	15	2,015	1,769	19	52	24	151
Stores Equipment	15	7,776	6,827	72	200	93	584
Tools, Shop, Garage Equip	15	110,757	97,234	1,030	2,846	1,329	8,318
Tools, Shop, Garage Equip Oth	15	210,079	184,428	1,954	5,399	2,521	15,777
Laboratory Equipment	2	176,498	158,619	5,207	12,108	124	441
Laboratory Equip Other	2	41,828	37,591	1,234	2,869	29	105
Power Operated Equipment	15	13,610	11,948	127	350	163	1,022
Comm Equip Non-Telephone	15	73,900	64,877	687	1,899	887	5,550
Remote Control & Instr	15	86,353	75,809	803	2,219	1,036	6,485
Comm Equip Telephone	15	4,035	3,542	38	104	48	303
Misc Equipment	15	73,632	64,642	685	1,892	884	5,530
Other Tangible Property	17	163,709	140,921	2,128	5,763	1,686	13,211
Total Depreciation Expense		20,791,748	17,969,102	309,254	807,889	193,123	1,512,380

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)	Res/Com/Ind/OPA Rate A (4)	Sales for Resale Rate B (5)	Large Industrial Rate J (6)	Rate F (7)	Rate E (8)
Amort-Other UP	18	79,905	68,814	1,039	2,821	823	6,408
Amort-Intangible Fin	2	205,843	184,991	6,072	14,121	144	515
Amort-Property Losses	2	0	0	0	0	0	0
Taxes Other Than Income							
Utility Reg Assessment Fee	19	1,334,526	1,161,438	17,883	48,710	13,479	93,016
Property Taxes	18	9,070,481	7,811,498	117,916	320,188	93,426	727,453
FUTA	16	21,562	18,505	224	621	254	1,958
FICA	16	1,342,617	1,152,234	13,963	38,667	15,843	121,910
SUTA	16	60,688	52,082	631	1,748	716	5,510
Other Taxes & Licenses	15	410,724	360,575	3,820	10,556	4,929	30,845
Gross Receipts Tax	19	0	0	0	0	0	0
Total Taxes, Other Than Income		12,240,598	10,556,332	154,437	420,490	128,647	980,692
Income Taxes	18	19,677,731	16,946,462	255,811	694,624	202,681	1,578,154
Utility Income Available for Return	18	49,735,786	42,832,459	646,565	1,755,673	512,279	3,988,810
Revenue Contribution	19	2,187,330	1,903,634	29,310	79,838	22,092	152,457
Total Cost of Service		196,124,021	170,693,738	2,621,591	7,164,363	1,972,288	13,672,042
Less: Other Water Revenues	19	2,407,852	2,095,554	32,265	87,887	24,319	167,827
Contract Sales	19	2,901,356	2,525,050	38,878	105,899	29,304	202,225
Total Other Water Revenues		5,309,208	4,620,604	71,143	193,786	53,623	370,052
Total Cost of Service Related to Sales of Water		\$ 190,814,813	\$ 166,073,134	\$ 2,550,447	\$ 6,970,577	\$ 1,918,665	\$ 13,301,990

**MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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.

Customer Classification (1)	Average Daily Consumption, Thousand Gallons (2)	Allocation Factor (3)
Rate A - Res/Com/Ind/OPA	113,604	0.8667
Rate B - Sales for Resale	4,380	0.0334
Rate J - Manufacturing	12,301	0.0938
Rate F - Private Fire	166	0.0013
Rate E - Public Fire	631	0.0048
Total	131,082	1.0000

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:

Customer Classification (1)	Average Daily Consumption		Maximum Day Extra Capacity		Allocation Factor (6)=(3)+(5)
	Allocation Factor 1 (2)	Weighted Factor (3)=(2)x 0.5263	Allocation Factor (4)	Weighted Factor (5)=(4)x 0.4737	
Rate A - Res/Com/Ind/OPA	0.8667	0.4561	0.9343	0.4426	0.8987
Rate B - Sales for Resale	0.0334	0.0176	0.0252	0.0119	0.0295
Rate J - Manufacturing	0.0938	0.0494	0.0405	0.0192	0.0686
Rate F - Private Fire	0.0013	0.0007			0.0007
Rate E - Public Fire	0.0048	0.0025			0.0025
Total	1.0000	0.5263	1.0000	0.4737	1.0000

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
ST. LOUIS METRO 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)
Rate A - Res/Com/Ind/OPA	113,604	1.0	113,604	0.9343
Rate B - Sales for Resale	4,380	0.7	3,066	0.0252
Rate J - Manufacturing	12,301	0.4	4,920	0.0405
	<u>130,285</u>		<u>121,590</u>	<u>1.0000</u>

The weighting of the factors is based on the maximum day ratio of 1.90, based on a review of maximum day ratios experienced during the period 1999 through 2005 (see Schedule D).

	Maximum Day Ratio	Weight
Average Day	1.00	0.5263
Maximum Day Extra Capacity	<u>0.90</u>	<u>0.4737</u>
Total	<u>1.90</u>	<u>1.0000</u>

* Ratio of maximum day to average day minus 1.0.

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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 (8)=(3)+(5)+(7)
	Allocation Factor (2)	Weighted Factor (3)=(2) X 0.5068	Allocation Factor (4)	Weighted Factor (5)=(4) X 0.4561	Allocation Factor (6)	Weighted Factor (7)=(6) X 0.0371	
Rate A - Res/Com/Ind/OPA	0.8667	0.4393	0.9343	0.4261			0.8654
Rate B - Sales for Resale	0.0334	0.0169	0.0252	0.0115			0.0284
Rate J - Manufacturing	0.0938	0.0475	0.0405	0.0185			0.0660
Rate F - Private Fire	0.0013	0.0007			0.2299	0.0085	0.0092
Rate E - Public Fire	0.0048	0.0024			0.7701	0.0286	0.0310
Total	<u>1.0000</u>	<u>0.5068</u>	<u>1.0000</u>	<u>0.4561</u>	<u>1.0000</u>	<u>0.0371</u>	<u>1.0000</u>

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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 1.90 and the average daily system sendout for 2008 of 163.963 MGD. The system demand for fire protection is 20,000 Gallons per minute for 10 hours.

	<u>Ratio</u>	<u>Rate of Flow, (GPD)</u>	<u>Weight</u>
Average Day	1.00	163,963,153	0.5068
Maximum Day Extra Capacity	<u>0.90</u>	<u>147,566,838</u>	<u>0.4561</u>
Subtotal	<u>1.90</u>	311,529,991	0.9629
Fire Protection		<u>12,000,000</u>	<u>0.0371</u>
Total		<u>323,529,991</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
ST. LOUIS METRO 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 (9)=(4)+(6)+(8)
	Thousand Gallons (2)	Allocation Factor (3)	Allocation Factor (5)	Weighted Factor (6)=(5) X 0.5606	Allocation Factor (7)	Weighted Factor (8)=(7) X 0.0656	
(1)							
Rate A - Res/Com/Ind/OPA	4,733.5	0.9825	0.9954	0.5580			0.9252
Rate B - Sales for Resale	0.0	0.0000	0.0000	0.0000			0.0000
Rate J - Manufacturing	51.3	0.0106	0.0046	0.0026			0.0066
Rate F - Private Fire	6.9	0.0014			0.2299	0.0151	0.0156
Rate E - Public Fire	26.3	0.0055			0.7701	0.0505	0.0526
Total	<u>4,818.0</u>	<u>1.0000</u>	<u>1.0000</u>	<u>0.5606</u>	<u>1.0000</u>	<u>0.0656</u>	<u>1.0000</u>

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

**MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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 163.963 MGD. The system demand for fire protection is 20,000 gallons per minute.

	Ratio	Rate of Flow, (GPM)	Weight
Average Hour	1.00	113,863	0.3738
Maximum Hour Extra Capacity	<u>1.50</u>	<u>170,795</u>	<u>0.5606</u>
Subtotal	<u>2.50</u>	284,658	0.9344
Fire Protection		<u>20,000</u>	<u>0.0656</u>
Total		<u>304,658</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)
Rate A	4,733.5	3.5	16,567.3	0.9954
Rate B	0.0	2.5	0.0	0.0000
Rate J	<u>51.3</u>	1.5	<u>76.9</u>	<u>0.0046</u>
Total	<u>4,784.8</u>		<u>16,644.2</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
ST. LOUIS METRO 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.

Customer Classification	Average Hourly Consumption		Maximum Hour Extra Capacity		Fire Protection		Allocation Factor	Allocation Factor
	Thousand Gallons	Weighted Factor	Allocation Factor	Weighted Factor	Allocation Factor	Weighted Factor		
(1)	(2)	(4)=(3) X	(5)	(6)=(5) X	(7)	(8)=(7) X	(9)=(4)+(6)+(8)	
		0.3579		0.5368		0.1053		
Rate A - Res/Com/Ind/OPA	4,733.5	0.8667	0.9312	0.4999				0.8100
Rate B - Sales for Resale	182.5	0.0334	0.0256	0.0137				0.0257
Rate J - Manufacturing	512.5	0.0938	0.0432	0.0232				0.0568
Rate F - Private Fire	6.9	0.0013			0.2299	0.0242		0.0247
Rate E - Public Fire	26.3	0.0048			0.7701	0.0811		0.0828
Total	5,461.7	1.0000	1.0000	0.5368	1.0000	0.1053		1.0000

The weighting of the factors is based on the ratio of the capacity required for a 10 hour demand of fire flow, as related to total storage capacity. The calculation is shown on the following page.

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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 10 hour demand of fire flow, as related to total storage capacity.

$$\text{Fire Protection Weight} = \frac{20,000 \text{ GPM} \times 60 \text{ Min.} \times 10 \text{ Hrs.}}{113,972,000 \text{ Gallons}} = 0.1053$$

$$\text{General Service Weight} = 1.0000 - 0.1053 = 0.8947$$

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

	Maximum Hour Ratio	Percent	Weight
Average Hour	1.00	40.00	0.3579
Extra Capacity Maximum Hour	1.50	60.00	0.5368
Total	<u>2.50</u>	<u>100.00</u>	<u>0.8947</u>

Customer Classification	Average Hourly Consumption Thousand Gal.	Maximum Hour Extra Capacity		Allocation Factor
		Factor*	1,000 Gallons Per Hour	
(1)	(2)	(3)	(4)=(2)x(3)	(5)
Rate A - Res/Com/Ind/OPA	4,733.5	3.5	16,567.3	0.9312
Rate B - Sales for Resale	182.5	2.5	456.3	0.0256
Rate J - Manufacturing	512.5	1.5	768.8	0.0432
	<u>5,428.5</u>		<u>17,792.4</u>	<u>1.0000</u>

* Ratio of maximum day to average day minus 1.0.

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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 0.7054	(4)	(5)=(4)X 0.2887	(6)	(7)=(6)X 0.0059	(8)=(3)+ (5)+(7)
Rate A - Res/Com/Ind/OPA	0.8987	0.6339	0.8654	0.2498	0.9252	0.0055	0.8892
Rate B - Sales for Resale	0.0295	0.0208	0.0284	0.0082	0.0000	0.0000	0.0290
Rate J - Manufacturing	0.0686	0.0484	0.0660	0.0191	0.0066	0.0000	0.0675
Rate F - Private Fire	0.0007	0.0005	0.0092	0.0027	0.0156	0.0001	0.0033
Rate E - Public Fire	0.0025	0.0018	0.0310	0.0089	0.0526	0.0003	0.0110
Total	1.0000	0.7054	1.0000	0.2887	1.0000	0.0059	1.0000

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	44,355	0.7054
Associated with Maximum Day and Fire	18,150	0.2887
Associated with Maximum Hour	368	0.0059
Total	62,873	1.0000

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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 0.2077	(4)	(5)=(4)X 0.7923	(6)=(3)+(5)
Rate A - Res/Com/Ind/OPA	0.8654	0.1798	0.9252	0.7330	0.9128
Rate B - Sales for Resale	0.0284	0.0059	0.0000	0.0000	0.0059
Rate J - Manufacturing	0.0660	0.0137	0.0066	0.0052	0.0189
Rate F - Private Fire	0.0092	0.0019	0.0156	0.0124	0.0143
Rate E - Public Fire	0.0310	0.0064	0.0526	0.0417	0.0481
Total	1.0000	0.2077	1.0000	0.7923	1.0000

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	5,053,497	0.2077
Distribution Mains	19,282,304	0.7923
Total	24,335,801	1.0000

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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 Rate E.

<u>Customer Classification</u> (1)	<u>Allocation Factor</u> (3)
Rate E - Public Fire	<u>1.0000</u>
Total	<u><u>1.0000</u></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)
Rate A - Res/Com/Ind/OPA	497,185	0.9637
Rate B - Sales for Resale	0	0.0000
Rate J - Manufacturing	14,661	0.0284
Rate F - Private Fire	4,075	0.0079
Rate E - Public Fire	0	0.0000
Total	<u><u>515,921</u></u>	<u><u>1.0000</u></u>

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO DISTRICT

BASIS FOR ALLOCATING METER COSTS TO CUSTOMER CLASSIFICATIONS

Meter Size (1)	5/8" Dollar Equivalent (2)	Rate A		Rate B		Rate J		Rate F		Total	
		Number of Meters (3)	Weighting (4)=(2)X(3)	Number of Meters (5)	Weighting (6)=(2)X(5)	Number of Meters (7)	Weighting (8)=(2)X(7)	Number of Services (13)	Weighting (14)=(2)X(11)	Number of Meters (15)	Weighting (16)
5/8	1.0	326,437	326,437	0	0	0	0	533	533	326,970	326,970
3/4	1.2	22,478	26,974	0	0	0	0	2,781	3,337	25,259	30,311
1	1.9	7,977	15,156	0	0	3	6	26	49	8,006	15,211
1-1/2	5.0	1,508	7,540	0	0	9	45	13	65	1,530	7,650
2	6.5	3,632	23,608	0	0	42	273	14	91	3,688	23,972
3	36.6	279	10,211	0	0	31	1,135	0	0	310	11,346
4	78.8	180	14,184	0	0	49	3,861	0	0	229	18,045
6	147.8	169	24,978	0	0	36	5,321	0	0	205	30,299
8	193.1	180	34,758	0	0	12	2,317	0	0	192	37,075
10	283.8	47	13,339	0	0	6	1,703	0	0	53	15,042
12	400.0	0	0	0	0	0	0	0	0	0	0
Total		<u>362,887</u>	<u>497,185</u>	<u>0</u>	<u>0</u>	<u>188</u>	<u>14,661</u>	<u>3,367</u>	<u>4,075</u>	<u>366,442</u>	<u>515,921</u>

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)
Rate A - Res/Com/Ind/OPA	371,740	0.9398
Rate B - Sales for Resale	0	0.0000
Rate J - Manufacturing	624	0.0016
Rate F - Private Fire	<u>23,159</u>	<u>0.0586</u>
Total	<u><u>395,523</u></u>	<u><u>1.0000</u></u>

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO DISTRICT

BASIS FOR ALLOCATING SERVICE COSTS TO CUSTOMER CLASSIFICATIONS

Service Size (1)	3/4" Dollar Equivalent (2)	Rate A		Rate B		Rate J		Rate F		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 (13)	Weighting (14)=(2)X(11)	Number of Services (15)	Weighting (16)
3/4	1.00	348,915	348,915	0	0	0	0	0	0	348,915	348,915
1	1.17	7,977	9,333	0	0	3	4	0	0	7,980	9,337
1-1/2	1.58	1,508	2,383	0	0	9	14	0	0	1,517	2,397
2	2.04	3,632	7,409	0	0	42	86	165	337	3,839	7,832
3	2.73	279	762	0	0	31	85	0	0	310	847
4	2.88	180	518	0	0	49	141	511	1,472	740	2,131
6	4.24	169	717	0	0	36	153	2,287	9,696	2,492	10,566
8	6.98	180	1,256	0	0	12	84	1,411	9,849	1,603	11,189
10	9.50	47	447	0	0	6	57	62	589	115	1,093
12 and above	12.16	0	0	0	0	0	0	100	1,216	100	1,216
Total		362,887	371,740	0	0	188	624	4,536	23,159	367,611	395,523

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)
Rate A - Res/Com/Ind/OPA	\$ 3,409,204	0.9226
Rate B - Sales for Resale	16,562	0.0045
Rate J - Manufacturing	67,914	0.0184
Rate F - Private Fire	69,973	0.0189
Rate E - Public Fire	131,660	0.0356
	<u>3,695,313</u>	<u>1.0000</u>
Total	<u>3,695,313</u>	<u>1.0000</u>

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)
Rate A - Res/Com/Ind/OPA	\$ 2,067,415	0.7413
Rate B - Sales for Resale	8,600	0.0031
Rate J - Manufacturing	41,107	0.0147
Rate F - Private Fire	48,071	0.0172
Rate E - Public Fire	623,854	0.2237
	<u>\$2,789,047</u>	<u>1.0000</u>
Total	<u>\$2,789,047</u>	<u>1.0000</u>

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)
Rate A - Res/Com/Ind/OPA	362,887	0.9872
Rate B - Sales for Resale	0	0.0000
Rate J - Manufacturing	188	0.0005
Rate F - Private Fire	4,536	0.0123
Rate E - Public Fire	<u>0</u>	<u>0.0000</u>
 Total	 <u><u>367,611</u></u>	 <u><u>1.0000</u></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)
Rate A - Res/Com/Ind/OPA	362,887	0.9995
Rate B - Sales for Resale	0	0.0000
Rate J - Manufacturing	<u>188</u>	<u>0.0005</u>
	<u><u>363,075</u></u>	<u><u>1.0000</u></u>

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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>
Rate A - Res/Com/Ind/OPA	\$23,434,523	0.8779
Rate B - Sales for Resale	248,425	0.0093
Rate J - Manufacturing	687,101	0.0257
Rate F - Private Fire	321,481	0.0120
Rate E - Public Fire	<u>2,004,940</u>	<u>0.0751</u>
Total	<u><u>\$26,696,470</u></u>	<u><u>1.0000</u></u>

FACTOR 15A. ALLOCATION OF CASH WORKING CAPITAL

Factors are based on the allocation 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>
Rate A - Res/Com/Ind/OPA	\$80,231,944	0.8796
Rate B - Sales for Resale	1,219,103	0.0134
Rate J - Manufacturing	3,388,907	0.0372
Rate F - Private Fire	912,500	0.0100
Rate E - Public Fire	<u>5,452,625</u>	<u>0.0598</u>
Total	<u><u>\$91,205,079</u></u>	<u><u>1.0000</u></u>

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)
Rate A - Res/Com/Ind/OPA	\$17,559,503	0.8582
Rate B - Sales for Resale	212,310	0.0104
Rate J - Manufacturing	589,613	0.0288
Rate F - Private Fire	240,957	0.0118
Rate E - Public Fire	1,857,042	0.0908
Total	<u>\$20,459,426</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)
Rate A - Res/Com/Ind/OPA	\$535,259,273	0.8608
Rate B - Sales for Resale	8,089,692	0.0130
Rate J - Manufacturing	21,917,874	0.0352
Rate F - Private Fire	6,398,160	0.0103
Rate E - Public Fire	50,200,405	0.0807
Total	<u>\$621,865,404</u>	<u>1.0000</u>

**MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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.

<u>Customer Classification</u> (1)	<u>Original Cost Measure of Value</u> (2)	<u>Allocation Factor</u> (3)
Rate A - Res/Com/Ind/OPA	\$480,775,674	0.8612
Rate B - Sales for Resale	7,258,890	0.0130
Rate J - Manufacturing	19,680,517	0.0353
Rate F - Private Fire	5,741,590	0.0103
Rate E - Public Fire	<u>44,745,195</u>	<u>0.0802</u>
Total	<u><u>\$558,201,866</u></u>	<u><u>1.0000</u></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.

<u>Customer Classification</u> (1)	<u>Total Cost of Service</u> (2)	<u>Allocation Factor</u> (3)
Rate A - Res/Com/Ind/OPA	\$167,226,209	0.8703
Rate B - Sales for Resale	2,568,201	0.0134
Rate J - Manufacturing	7,018,936	0.0365
Rate F - Private Fire	1,932,047	0.0101
Rate E - Public Fire	<u>13,394,336</u>	<u>0.0697</u>
Total	<u><u>\$192,139,729</u></u>	<u><u>1.0000</u></u>

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)	Res/Com/Ind/OPA Rate A (4)	Sales for Resale		Rate J (6)	Fire Protection	
				Rate B (5)	Large Industrial		Rate F (7)	Rate E (8)
Rate Base								
Organization	17	\$ 203,475	\$ 175,152	\$ 2,645	\$ 7,162	\$ 2,096	\$ 16,420	
Franchises	17	12,572	10,822	163	443	129	1,015	
Land & Ld Rights SS	2	96,668	86,875	2,852	6,631	68	242	
Land & Ld Rights P	6	285,782	254,117	8,288	19,290	943	3,144	
Land & Ld Rights WT	2	1,869,492	1,680,112	55,150	128,247	1,309	4,674	
Land & Ld Rights TD	7	4,304,114	3,928,796	25,394	81,348	61,549	207,028	
Land & Land Rights AG	15	0	0	0	0	0	0	
Struct & Imp SS	2	2,970,425	2,669,521	87,628	203,771	2,079	7,426	
Struct & Imp P	6	1,724,030	1,533,008	49,997	116,372	5,689	18,964	
Struct & Imp Pumps (STL)	6	2,428,385	2,159,320	70,423	163,916	8,014	26,712	
Struct & Imp Pump Boosters	6	2,526,916	2,246,934	73,281	170,567	8,339	27,796	
Struct & Imp WT	2	8,726,139	7,842,181	257,421	598,613	6,108	21,815	
Struct & Imp WT Nih Plt (ST	2	7,283,056	6,545,282	214,850	499,618	5,098	18,208	
Struct & Imp WT Ctrl Plt 1	2	736,067	661,504	21,714	50,494	515	1,840	
Struct & Imp WT Ctrl Plt 3	2	12,471,941	11,208,534	367,922	865,575	8,730	31,180	
Struct & Imp WT Sth Plt (ST	2	3,032,349	2,725,172	89,454	208,019	2,123	7,581	
Struct & Imp WT Meramec (ST	2	6,022,350	5,412,286	177,659	413,133	4,216	15,056	
Struct & Imp TD	7	2,744,307	2,505,003	16,191	51,867	39,244	132,001	
Struct & Imp TD Spec Cross	7	(96,970)	(88,514)	(572)	(1,833)	(1,387)	(4,664)	
Struct & Imp AG	7	2,555,186	2,332,374	15,076	48,293	36,539	122,904	
Struct & Imp Offices	15	2,894,101	2,540,731	26,915	74,378	34,729	217,347	
Gen Structures HVAC	15	187,604	164,697	1,745	4,821	2,251	14,089	
Struct & Imp Leasehold	15	55,548	48,766	517	1,428	667	4,172	
Struct & Imp Leasehold	15	(149,065)	(130,864)	(1,386)	(3,831)	(1,789)	(11,195)	
Struct & Imp Store,Shop,Gar	15	289,777	254,395	2,695	7,447	3,477	21,762	
Struct & Imp Misc	15	1,140,362	1,001,124	10,605	29,307	13,684	85,641	
Collect & Impounding	1	0	0	0	0	0	0	
Lake, River & Other Intakes	2	0	0	0	0	0	0	
Wells & Springs	2	0	0	0	0	0	0	
Infiltration Galleries & Tunnels	2	0	0	0	0	0	0	
Supply Mains	2	2,893	2,600	85	198	2	7	
Supply Mains Nth Plt (STL)	2	70,009	62,917	2,065	4,803	49	175	
Supply Mains Ctrl Plt (STL)	2	1,956,557	1,758,358	57,718	134,220	1,370	4,891	
Supply Mains Sth Plt (STL)	2	(147)	(132)	(4)	(10)	(0)	(0)	
Supply Mains Meramec Plt (S	2	558,682	502,087	16,481	38,326	391	1,397	
Power Generation Equip	2	1,179,516	1,060,031	34,796	80,915	826	2,949	
Power Generation Equip Othe	6	0	0	0	0	0	0	
Boiler Plant Equipment P	6	0	0	0	0	0	0	
Pump Equip Steam	6	0	0	0	0	0	0	
Pump Equip Electric	6	5,588,168	4,968,999	162,057	377,201	18,441	61,470	
Pump Equip Elec Pre46 (STL)	6	803,587	714,559	23,304	54,243	2,652	8,840	
Pump Equip Elec Post46 (STL)	6	13,184,036	11,723,244	382,337	889,922	43,507	145,024	
Pump Equip Elec Boosters Po	6	(294,551)	(261,915)	(8,542)	(19,882)	(972)	(3,240)	
Pump Equip Diesel	6	0	0	0	0	0	0	
Pump Equip Diesel Stratman)	6	60,383	53,693	1,751	4,076	199	664	

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)	Res/Com/Ind/OPA Rate A (4)	Sales for Resale		Large Industrial Rate J (6)	Fire Protection	
				Rate B (5)	Rate F (7)		Rate E (8)	
Pump Equip Diesel Ctrl Pit	6	467,875	416,034	13,568	31,582	1,544	5,147	
Pump Equip Hydraulic	6	75,844	67,440	2,199	5,119	250	834	
Pump Equip Other	6	83,179	73,963	2,412	5,615	274	915	
Pump Equip WT	6	595,845	529,826	17,280	40,220	1,966	6,554	
Pump Equip TD	6	(625)	(556)	(18)	(42)	(2)	(7)	
WT Equip Non-Media	2	8,013,315	7,201,566	236,393	549,713	5,609	20,033	
WT Equip Non-Med North (STL)	2	3,834,922	3,446,444	113,130	263,076	2,684	9,587	
WT Equip Non Media Ctrl 1 &	2	12,755	11,463	376	875	9	32	
WT Equip Non Media Ctrl 3 (2	12,686,224	11,401,109	374,244	870,275	8,880	31,716	
WT Equip Non Media Sth (STL)	2	4,660,046	4,187,983	137,471	319,679	3,262	11,650	
WT Equip Non Media Mer (STL)	2	6,354,553	5,710,836	187,459	435,922	4,448	15,866	
WT Equip Filter Media	2	1,297,427	1,165,998	38,274	89,003	908	3,244	
Dist Reservoirs & Standpipe	5	986,336	798,932	25,349	56,024	24,362	81,669	
Elevated Tanks & Standpipes	5	1,869,142	1,514,005	48,037	106,167	46,168	154,765	
Ground Level Facilities	5	4,098,489	3,319,776	105,331	232,794	101,233	339,355	
Below Ground Facilities	5	14,326	11,604	368	814	354	1,186	
TD Mains Not Classified by	7	31,531,948	28,782,362	186,038	595,954	450,907	1,516,687	
TD Mains 4" & Less	4	422,592	390,982	0	2,789	6,592	22,228	
TD Mains 6 to 8"	4	7,510,489	6,948,704	0	49,569	117,164	395,052	
TD Mains 10 to 16"	4	11,882,185	10,282,843	337,454	784,224	109,316	368,348	
TD Mains 18" & Grtr	3	7,145,175	6,183,435	202,923	471,582	65,736	221,500	
TD Mains AC 4" (STL)	4	1,216,025	1,125,066	0	8,026	18,970	63,963	
TD Mains CI <10" 1900-28	4	889,494	822,960	0	5,871	13,876	46,787	
TD Mains CI <10" 1929-56	4	2,215,862	2,050,115	0	14,625	34,567	116,554	
TD Mains CI <10" 1957-93	4	13,158,711	12,174,440	0	86,847	205,276	692,148	
TD Mains CI 12" (STL)	3	5,204,437	4,503,920	147,806	343,493	47,881	161,338	
TD Mains CI 16" (STL)	3	6,455,659	5,586,728	183,341	426,074	59,392	200,125	
TD Mains DI 6-8" (STL)	4	165,307,373	152,942,381	0	1,091,029	2,578,795	8,695,168	
TD Mains DI 12" (STL)	3	45,055,024	38,990,618	1,279,563	2,973,632	414,506	1,396,706	
TD Mains DI 16" & >(STL)	3	68,648,275	59,408,218	1,949,611	4,530,786	631,564	2,128,097	
TD Mains Galve 1" (STL)	4	(40,809)	(37,756)	0	(269)	(637)	(2,147)	
TD Mains LJ 20" (STL)	3	1,864,907	1,613,891	52,963	123,084	17,157	57,812	
TD Mains PL 6-8in (STL)	4	17,907,014	16,567,570	0	118,186	279,349	941,909	
TD Mains PL 12in (STL)	3	1,436,456	1,243,109	40,795	94,806	13,215	44,530	
TD Mains DI 4in (STL)	4	734,200	679,282	0	4,846	11,454	38,619	
Fire Mains	8	271,930	0	0	0	0	271,930	
Services	10	3,528,027	3,528,027	0	6,006	219,985	0	
Meters Bronze Case	9	8,715,898	8,399,511	0	247,532	68,856	0	
Meters Plastic Case	9	90	87	0	3	1	0	
Meters Other	9	30,261,371	29,162,883	0	859,423	239,065	0	
Meters Other-Rem Rdr Units	9	2,129,901	2,052,585	0	60,489	16,826	0	
Meter Installations	9	3,658,329	3,718,272	0	109,577	30,481	0	
Meter Installation Other	9	6,009,831	5,791,674	0	170,679	47,478	0	
Meter Vaults	9	36,446	35,123	0	1,035	288	0	
Hydrants	8	29,759,767	0	0	0	0	29,759,767	

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)	Res/Com/Ind/OPA			Sales for Resale			Fire Protection	
			Rate A (4)	Rate B (5)	Large Industrial Rate J (6)	Rate F (7)	Rate E (8)			
Other P/E Intangible	17	438,030	377,056	5,694	15,419	4,512		35,349		
Other P/E WT Res Hand Equip	2	0	0	0	0	0		0		
Other P/E TD	7	2,677	2,444	16	51	38		129		
Office Furniture & Equip	15	1,585,941	1,392,298	14,749	40,759	19,031		119,104		
Comp & Periph Equip	15	885,130	777,056	8,232	22,748	10,622		66,473		
Computer Software	15	4,108,117	3,606,516	38,205	105,579	49,297		308,520		
Comp Software Other	15	1,839,560	1,614,950	17,108	47,277	22,075		138,151		
Comp Software Personal	15	86,193	75,668	802	2,215	1,034		6,473		
Data Handling Equipment	15	0	0	0	0	0		0		
Other Office Equipment	15	12,308	10,806	114	316	148		924		
Trans Equip Lt Duty Trks	15	75,705	66,461	704	1,946	908		5,685		
Trans Equip Hvy Duty Trks	15	(17,465)	(15,333)	(162)	(449)	(210)		(1,312)		
Trans Equip Autos	15	(243,476)	(213,747)	(2,264)	(6,257)	(2,922)		(18,285)		
Trans Equip Other	15	1,677,219	1,472,430	15,598	43,105	20,127		125,959		
Stores Equipment	15	346,566	304,250	3,223	8,907	4,159		26,027		
Tools, Shop, Garage Equip	15	518,565	455,248	4,823	13,327	6,223		38,944		
Tools, Shop, Garage Equip Oth	15	896,155	786,735	8,334	23,031	10,754		67,301		
Laboratory Equipment	15	1,477,871	1,297,423	13,744	37,981	17,734		110,988		
Laboratory Equip Other	2	405,149	364,108	11,952	27,793	284		1,013		
Power Operated Equipment	15	99,614	89,523	2,939	6,834	70		249		
Comm Equip Non-Telephone	15	198,026	173,847	1,842	5,089	2,376		14,872		
Remote Control & Instr	15	381,454	334,879	3,548	9,803	4,577		28,647		
Comm Equip Telephone	15	1,219,931	1,070,978	11,345	31,352	14,639		91,617		
Misc Equipment	15	55,181	48,444	513	1,418	662		4,144		
Other Tangible Property	15	655,022	575,044	6,092	16,834	7,860		49,192		
	17	517,541	445,499	6,728	18,217	5,331		41,766		
Total Utility Plant in Service		623,037,023	536,267,803	8,104,923	21,959,115	6,410,227		50,294,954		
Other Rate Base Items										
Add:										
Other Utility Plant Adjustments	17	0	0	0	0	0		0		
Cash Working Capital	15A	12,825,000	11,280,870	171,855	477,090	128,250		766,935		
Materials and Supplies	15	3,013,124	2,645,222	28,022	77,437	36,157		226,286		
Prepayments	15	1,081,555	949,497	10,058	27,796	12,979		81,225		
OPEB's Contributed to External Fund	16	395,747	339,630	4,116	11,398	4,670		35,934		
Pension / OPEB Tracker	16	1,280,570	1,098,985	13,318	36,880	15,111		116,276		
Regulatory Deferrals	17	956,412	823,279	12,433	33,666	9,851		77,182		
Less: Accumulated Amortization	17	0	0	0	0	0		0		
Accumulated Deferred ITC (3%)	17	0	0	0	0	0		0		
Deferred Income Taxes	17	(80,078,689)	(68,931,735)	(1,041,023)	(2,818,770)	(824,810)		(6,462,350)		
Pensions	16	(4,308,876)	(3,697,877)	(44,812)	(124,096)	(50,845)		(391,246)		
Total Other Rate Base Elements		(64,835,157)	(55,492,129)	(846,033)	(2,278,599)	(668,638)		(5,549,759)		
Total Original Cost Measure of Value		\$ 558,201,866	\$ 480,775,674	\$ 7,258,890	\$ 19,680,517	\$ 5,741,590		\$ 44,745,195		

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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.

<u>Customer Classification</u> (1)	<u>5/8" Dollar Equivalents</u> (2)	<u>Allocation Factor</u> (3)
Rate A - Res/Com/Ind/OPA	497,185	0.9714
Rate B - Sales for Resale	0	0.0000
Rate J - Manufacturing	14,661	0.0286
Rate F - Private Fire	<u>0</u>	<u>0.0000</u>
Total	<u><u>511,846</u></u>	<u><u>1.0000</u></u>

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO DISTRICT

FOR THE YEARS 1999-2008

Year	Average Daily Send out (MGD)	Maximum Daily Use		
		MGD	Ratio to Average	Highest Use Day
(1)	(2)	(3)	(4)	(5)
1999	176.034	337.657	1.92	NA
2000	167.103	276.090	1.65	NA
2001	173.067	294.010	1.70	NA
2002	175.226	330.780	1.89	NA
2003	167.899	322.790	1.92	8/23/2003
2004	171.808	268.970	1.57	7/22/2004
2005	185.871	333.620	1.79	6/25/2005
2006	181.038	319.290	1.76	8/5/2006
2007	188.414	352.250	1.87	8/12/2007
2008	163.963	273.580	1.67	7/21/2008

**MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO 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)
<u>PRIVATE FIRE PROTECTION</u>				
<u>Fire Lines</u>				
2 -inch	4.00	165	660	
3 -inch	9.00	-	0	
4 -inch	16.00	511	8,176	
6 -inch	36.00	2,287	82,321	
8 -inch	64.00	1,411	90,304	
10 -inch	100.00	62	6,200	
12 -inch	144.00	96	13,824	
20 -inch	400.00	4	1,600	
Private Hydrants	18.06	-	0	
Total Rate F		<u>4,536</u>	<u>203,085</u>	0.2299
<u>PUBLIC FIRE PROTECTION</u>				
<u>Hydrant</u>	<u>Nozzle Sizes</u>			
4 1/4" Valve	2- 2-1/2" & 1- 4.5"	18.06	1,101	19,887
4 1/2" Valve	2- 2-1/2" & 1- 4.5"	20.25	30,400	615,600
6" Valve	2- 2-1/2" & 1- 4.5"	32.75	258	8,450
6" Valve	2- 2-1/2"	12.50	2,789	34,863
4 1/2" Valves	1- 2-	20.25	52	1,053
5 1/4 Valves	1- 2-	26.50	14	371
Total Rate E		<u>34,614</u>	<u>680,224</u>	<u>0.7701</u>
Total Fire Protection		<u><u>39,150</u></u>	<u><u>883,309</u></u>	<u><u>1.0000</u></u>

MISSOURI-AMERICAN WATER COMPANY
ST. LOUIS METRO DISTRICT

CALCULATION OF CUSTOMER CHARGE

(1) Cost Related to Meters	14,497,587		
(2) Meter Equivalents X 12	6,191,052		
(3) Cost per Bill - Meter related		\$	2.34
(4) Cost Related to Services	6,317,946		
(5) Service Equivalents X 12	4,746,276		
(6) Cost per Bill - Services related		\$	1.33
(7) Cost Related to Billing and Collecting	22,124,106		
(8) Number of Bills	1,698,034		
(9) Cost per Bill - Billing and Collecting		\$	<u>13.03</u>
(10) Total Customer Charge (3)+(6)+(9)		\$	16.70

WARREN COUNTY WATER OPERATIONS

MISSOURI-AMERICAN WATER COMPANY
WARREN COUNTY WATER OPERATIONS

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 (a)		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	\$ 291,492	98.7%	\$ 230,791	98.7%	\$ 291,089	98.6%	\$ 60,298	26.1%
Commercial	3,875	1.3%	3,077	1.3%	4,221	1.4%	1,144	37.2%
Total Sales	295,367	100.0%	233,868	100.0%	295,310	100.0%	61,442	26.3%
Other Revenues	1,892		1,817		1,892		75	4.1%
Total	\$ 297,259		\$ 235,685		\$ 297,202		\$ 61,517	26.1%

(a) Cost of Service is net of revenue contribution from St. Louis Metro District.

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)	Private (9)	Fire Protection Public (10)
OPERATION AND MAINTENANCE EXPENSES									
SOURCE OF SUPPLY EXPENSES									
Super & Eng Oper SS	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Labor & Exp Oper SS - Labor	2	0	0	0	0	0	0	0	0
Labor & Exp Oper SS	2	443	436	6	0	0	0	0	1
Purchased Water	1	0	0	0	0	0	0	0	0
TOTAL SS EXPENSE - OPERATION		443	436	6	0	0	0	0	1
Misc Exp Oper SS	2	6,198	6,104	81	0	0	0	0	13
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	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
Wells & Springs Maint SS	2	0	0	0	0	0	0	0	0
Infil Gall & Tunnels Maint SS - Labor	2	0	0	0	0	0	0	0	0
Infil Gall & 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	(1)	(1)	(0)	0	0	0	0	(0)
Misc Plant Maint SS	2	(1)	(1)	(0)	0	0	0	0	(0)
TOTAL SS EXPENSE - MAINTENANCE		6,196	6,102	81	0	0	0	0	13
TOTAL SS EXPENSE		6,639	6,539	86	0	0	0	0	14
POWER AND PUMPING EXPENSES									
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	(9)	(9)	(0)	0	0	0	0	(0)
Labor & Exp Oper Pump	6	0	0	0	0	0	0	0	0
Expenses Transferred	6	0	0	0	0	0	0	0	0
Misc Exp Oper P	6	0	0	0	0	0	0	0	0
Rents Oper P	6	0	0	0	0	0	0	0	0
TOTAL PUMPING EXPENSE - OPERATION		(9)	(9)	(0)	0	0	0	0	(0)

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)	Private (9)	Fire Protection 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	0	0	0	0	0	0	0	0
Pump Equip Maint P	6	0	0	0	0	0	0	0	0
TOTAL PUMPING EXPENSES - MAINTENANCE		0	0	0	0	0	0	0	0
TOTAL PUMPING EXPENSES		(9)	(9)	(0)	0	0	0	0	(0)
WATER TREATMENT		(5)	(5)	(0)	0	0	0	0	(0)
Super & Eng Oper WT	2	2,180	2,129	39	0	0	0	0	11
Chemicals	1	0	0	0	0	0	0	0	0
Labor & Exp Oper WT - Labor	2	2	2	0	0	0	0	0	0
Labor & Exp Oper WT	2	0	0	0	0	0	0	0	0
Misc Exp Oper WT	1	0	0	0	0	0	0	0	0
Misc Exp Oper WT	1	1	1	0	0	0	0	0	0
Rents Oper WT	2	0	0	0	0	0	0	0	0
TOTAL WT EXPENSE - OPERATION		2,178	2,127	39	0	0	0	0	11
Super & Eng Maint WT	2	0	0	0	0	0	0	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	2	0	0	0	0	0	0	0	0
WT Equip Maint WT	2	1	1	0	0	0	0	0	0
TOTAL WT EXPENSE - MAINTENANCE		1	1	0	0	0	0	0	0
TOTAL WT EXPENSE		2,179	2,128	39	0	0	0	0	11
TRANSMISSION AND DISTRIBUTION EXPENSES									
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	41,583	19,482	557	0	0	0	0	21,544
TD Lines Exp	7	0	0	0	0	0	0	0	0
Meter Expense - Labor	9	0	0	0	0	0	0	0	0
Meter Expense	9	0	0	0	0	0	0	0	0
Customer Install Exp - Labor	10	0	0	0	0	0	0	0	0
Customer Install Exp	10	0	0	0	0	0	0	0	0
Misc Exp Oper TD - Labor	11	0	0	0	0	0	0	0	0

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)	Fire Protection Public (10)
Misc Exp Oper TD	11	0	0	0	0	0	0	0	0
Misc Exp Oper TD	11	2,840	1,331	38	0	0	0	0	1,471
Rents Oper TD	11	0	0	0	0	0	0	0	0
TOTAL T & D EXPENSE OPERATION		44,423	20,812	595	0	0	0	0	23,015
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	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
Services Maint TD	10	0	0	0	0	0	0	0	0
Meters Maint TD - Labor	9	0	0	0	0	0	0	0	0
Meters Maint TD	9	0	0	0	0	0	0	0	0
Hydrants Maint TD - Labor	8	0	0	0	0	0	0	0	0
Hydrants Maint TD	8	0	0	0	0	0	0	0	0
Misc Plant Maint TD - Labor	12	1	0	0	0	0	0	0	1
Mat and Sup Maint TD	12	5,025	2,354	67	0	0	0	0	2,603
Misc Maint TD	12	0	0	0	0	0	0	0	0
Amort Def Maint TD	5	0	0	0	0	0	0	0	0
TOTAL T & D EXPENSE - MAINTENANCE		5,026	2,355	67	0	0	0	0	2,604
TOTAL T & D EXPENSE		49,449	23,167	663	0	0	0	0	25,619
CUSTOMER ACCOUNTS									
Supervision CA	13	0	0	0	0	0	0	0	0
Meter Reading Exp CA - Labor	14	0	0	0	0	0	0	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	626	623	3	0	0	0	0	0
Cust Rec & Collection CA	13	1,966	1,957	9	0	0	0	0	0
Uncollectible Accts	13	2,261	2,251	10	0	0	0	0	0
Misc Cust Accts Exp CA - Labor	13	0	0	0	0	0	0	0	0
Misc Cust Accts Exp CA	13	0	0	0	0	0	0	0	0
Misc Cust Accts Exp CA	13	0	0	0	0	0	0	0	0
Cust Serv & Info Exp CA	13	0	0	0	0	0	0	0	0
TOTAL CUSTOMER ACCOUNTING EXPENSE		4,853	4,831	22	0	0	0	0	0

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)	Fire Protection Public (10)
ADMINISTRATIVE AND GENERAL EXPENSES									
Salaries AG	15	1,795	1,017	23	0	0	0	0	755
Other Supplies & Exp AG	15	1	1	0	0	0	0	0	0
Other Supplies & Exp AG	15	1,477	837	19	0	0	0	0	621
Other Supplies & Exp AG	15	262	149	3	0	0	0	0	110
Mgmt Fees-Admin	15	20,233	11,464	257	0	0	0	0	8,512
Mgmt Fees-Customer Service	13	6,716	6,685	31	0	0	0	0	0
Mgmt Fees-Belleville Lab	2	834	822	11	0	0	0	0	2
Mgmt Fees- Employee	16	716	344	9	0	0	0	0	363
Outside Services AG	15	943	534	12	0	0	0	0	397
Outside Services AG	15	259	147	3	0	0	0	0	109
Ins Gen Liab Oper AG	15	2,844	1,611	36	0	0	0	0	1,196
Ins Work Comp AG	16	1,121	538	15	0	0	0	0	568
Ins Other Oper AG	15	879	498	11	0	0	0	0	370
Property Insurance	15	0	0	0	0	0	0	0	0
Injuries & Damages	16	(11)	(5)	(0)	0	0	0	0	(6)
Employee Pension & Benefits	16	9,159	4,396	121	0	0	0	0	4,643
Employee Pension & Benefits	16	9,554	4,585	126	0	0	0	0	4,843
Employee Pension & Benefits	16	2,168	1,040	29	0	0	0	0	1,099
Reg Commission Exp	19	572	427	7	0	0	0	0	138
Rents AG	15	45	25	1	0	0	0	0	19
Goodwill Advertising Exp	15	5	3	0	0	0	0	0	2
Misc Exp AG	15	796	451	10	0	0	0	0	335
Research & Development	15	0	0	0	0	0	0	0	0
TOTAL A & G OPERATIONS		60,369	35,568	723	0	0	0	0	24,077
General Plant Maint AG - Labor	15	0	0	0	0	0	0	0	0
Maint Exp ARO/Net Neg Sal AG	18	(25)	(21)	(0)	0	0	0	0	(4)
General Plant Maint AG	15	288	163	4	0	0	0	0	121
TOTAL A & G EXPENSE - MAINTENANCE		263	142	3	0	0	0	0	117
TOTAL A & G EXPENSE		60,632	35,710	727	0	0	0	0	24,195
Total Operation & Maintenance Expenses		123,743	72,367	1,537	0	0	0	0	49,839

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

(1) Account	(2) Factor Ref.	(3) Cost of Service	(4)			(5)		(6) Industrial	(7) Public Authorities	(8)		(9)		(10) Public
			Residential	Commercial	Industrial	Sales for Resale	Private			Fire Protection				
DEPRECIATION EXPENSE														
Struct & Imp SS	2	102	100	1	0	0	0	0	0	0	0	0	0	
Struct & Imp P	6	269	265	3	0	0	0	0	0	0	0	0	1	
Struct & Imp WT	2	1,979	1,949	26	0	0	0	0	0	0	0	0	4	
Struct & Imp TD	7	41	19	1	0	0	0	0	0	0	0	0	21	
Struct & Imp TD Spec Cross	7	0	0	0	0	0	0	0	0	0	0	0	0	
Struct & Imp AG	15	2	1	0	0	0	0	0	0	0	0	0	1	
Struct & Imp Offices	15	0	0	0	0	0	0	0	0	0	0	0	0	
Struct & Imp Store/Shop/Gar	15	0	0	0	0	0	0	0	0	0	0	0	0	
Struct & Imp Misc	15	0	0	0	0	0	0	0	0	0	0	0	0	
Collect & Impounding	1	0	0	0	0	0	0	0	0	0	0	0	0	
Lake, River & Other Intakes	2	0	0	0	0	0	0	0	0	0	0	0	0	
Wells & Springs	2	16,189	15,945	210	0	0	0	0	0	0	0	0	34	
Infiltration Galleries & Tunnels	2	0	0	0	0	0	0	0	0	0	0	0	0	
Supply Mains	2	0	0	0	0	0	0	0	0	0	0	0	0	
Power Generation Equip Other	6	0	0	0	0	0	0	0	0	0	0	0	0	
Pump Equip Electric	6	2,857	2,814	37	0	0	0	0	0	0	0	0	6	
Pump Equip Diesel	6	0	0	0	0	0	0	0	0	0	0	0	0	
Pump Equip Other	6	0	0	0	0	0	0	0	0	0	0	0	0	
WT Equip Non-Media	2	570	561	7	0	0	0	0	0	0	0	0	1	
Dist Reservoirs & Standpipe	5	0	0	0	0	0	0	0	0	0	0	0	0	
Elevated Tanks & Standpipes	5	188	155	4	0	0	0	0	0	0	0	0	28	
Ground Level Facilities	5	0	0	0	0	0	0	0	0	0	0	0	0	
TD Mains Not Classified by	7	1,694	794	23	0	0	0	0	0	0	0	0	878	
TD Mains 4" & Less	4	663	311	9	0	0	0	0	0	0	0	0	344	
TD Mains 6 to 8"	4	2,334	1,093	31	0	0	0	0	0	0	0	0	1,209	
TD Mains 6 to 10"	4	98	46	1	0	0	0	0	0	0	0	0	51	
TD Mains 10 to 16"	3	2	2	0	0	0	0	0	0	0	0	0	0	
TD Mains 18" & Grtr	3	1	1	0	0	0	0	0	0	0	0	0	0	
Fire Mains	8	0	0	0	0	0	0	0	0	0	0	0	0	
Services	10	3,034	3,020	14	0	0	0	0	0	0	0	0	0	
Meters Bronze Case	9	948	944	4	0	0	0	0	0	0	0	0	0	
Meters Plastic Case	9	0	0	0	0	0	0	0	0	0	0	0	0	
Meters Other	9	225	224	1	0	0	0	0	0	0	0	0	0	
Meters Other-Rem Rdr Unts	9	0	0	0	0	0	0	0	0	0	0	0	0	
Meter Installations	9	985	982	4	0	0	0	0	0	0	0	0	0	
Meter Installation Other	9	0	0	0	0	0	0	0	0	0	0	0	0	
Meter Vaults	9	56	56	0	0	0	0	0	0	0	0	0	0	
Hydrants	8	598	0	0	0	0	0	0	0	0	0	0	0	
Other P/E Intangible	17	12	10	0	0	0	0	0	0	0	0	0	598	
Other P/E WT Res Hand Equip	2	0	0	0	0	0	0	0	0	0	0	0	2	
Other P/E TD	7	0	0	0	0	0	0	0	0	0	0	0	0	
Other P/E CPS	15	39	22	0	0	0	0	0	0	0	0	0	16	

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)	Private (9)	Fire Protection Public (10)
Office Furniture & Equip	15	8	5	0	0	0	0	0	3
Comp & Periph Equip	15	12,076	6,842	153	0	0	0	0	5,080
Computer Software	15	1,573	891	20	0	0	0	0	662
Comp Software Personal	15	30	17	0	0	0	0	0	13
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	0	0	0	0	0	0	0	0
Trans Equip Lt Duty Trks	15	1	1	0	0	0	0	0	0
Trans Equip Hvy Duty Trks	15	0	0	0	0	0	0	0	0
Trans Equip Autos	15	10	6	0	0	0	0	0	4
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	420	238	5	0	0	0	0	177
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	671	380	9	0	0	0	0	282
Remote Control & Instr	15	7	4	0	0	0	0	0	3
Comm Equip Telephone	15	1	1	0	0	0	0	0	0
Misc Equipment	15	257	146	3	0	0	0	0	108
Other Tangible Property	15	0	0	0	0	0	0	0	0
Total Depreciation Expense		47,941	37,843	570	0	0	0	0	9,528
Amort-Other UP	18	99	83	1	0	0	0	0	15
Amort-Intangible Fin	2	27	27	0	0	0	0	0	0
Amort-Property Losses	2	0	0	0	0	0	0	0	0
Taxes Other Than Income									
Utility Reg Assessment Fee	19	1,970	1,472	24	0	0	0	0	475
Property Taxes	18	45,910	38,528	542	0	0	0	0	6,841
FUTA	16	37	18	0	0	0	0	0	19
FICA	16	3,010	1,445	40	0	0	0	0	1,526
SUTA	16	115	55	2	0	0	0	0	58
Other Taxes & Licenses	15	508	288	6	0	0	0	0	214
Gross Receipts Tax	19	0	0	0	0	0	0	0	0
Total Taxes, Other Than Income		51,550	41,805	614	0	0	0	0	9,132
Income Taxes									
Utility Income Available for Return	18	45,758	38,400	540	0	0	0	0	6,818
Revenue Contribution	19	114,163	95,806	1,347	0	0	0	0	17,010
		(86,022)	(64,267)	(1,032)	0	0	0	0	(20,723)
Total Cost of Service		297,259	222,063	3,578	0	0	0	0	71,619

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)	Private (9)	Fire Protection Public (10)
Less: Other Water Revenues	19	1,892	1,414	23	0	0	0	0	456
Total Other Water Revenues		<u>1,892</u>	<u>1,414</u>	<u>23</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>456</u>
Total Cost of Service Related to Sales of Water		<u>\$ 295,367</u>	<u>\$ 220,649</u>	<u>\$ 3,555</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 71,163</u>
Reallocation of Public Fire	20	0	70,843	320	0	0	0	0	(71,163)
Total		<u>\$ 295,367</u>	<u>\$ 291,492</u>	<u>\$ 3,875</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

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

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.

Customer Classification (1)	Average Daily Consumption, Thousand Gallons (2)	Allocation Factor (3)
Residential	75.4	0.9767
Commercial	1.4	0.0181
Industrial	0.0	0.0000
Other Public Authority	0.0	0.0000
Sales for Resale	0.0	0.0000
Private Fire Protection	0.0	0.0000
Public Fire Protection	0.4	0.0052
Total	<u><u>77.2</u></u>	<u><u>1.0000</u></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:

Customer Classification (1)	Average Daily Consumption		Maximum Day Extra Capacity		Allocation Factor (6)=(3)+(5)
	Allocation Factor 1 (2)	Weighted Factor (3)=(2)x 0.4000	Allocation Factor (4)	Weighted Factor (5)=(4)x 0.6000	
Residential	0.9767	0.3907	0.9904	0.5942	0.9849
Commercial	0.0181	0.0072	0.0096	0.0058	0.0130
Industrial	0.0000	0.0000	0.0000	0.0000	0.0000
Other Public Authority	0.0000	0.0000	0.0000	0.0000	0.0000
Sales for Resale	0.0000	0.0000	0.0000	0.0000	0.0000
Private Fire Protection	0.0000	0.0000			0.0000
Public Fire Protection	0.0052	0.0021			0.0021
Total	<u><u>1.0000</u></u>	<u><u>0.4000</u></u>	<u><u>1.0000</u></u>	<u><u>0.6000</u></u>	<u><u>1.0000</u></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
WARREN COUNTY WATER OPERATIONS**

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	75.4	1.5	113.1	0.9904
Commercial	1.4	0.8	1.1	0.0096
Industrial	0.0	0.5	0.0	0.0000
Other Public Authority	0.0	0.8	0.0	0.0000
Sales for Resale	0.0	0.6	0.0	0.0000
Total	<u>76.8</u>		<u>114.2</u>	<u>1.0000</u>

The weighting of the factors is based on the maximum day ratio of 1.50, based on a review of maximum day ratios experienced from 2005 to 2007.

	Maximum Day Ratio	Weight
Average Day	1.00	0.4000
Maximum Day Extra Capacity	<u>1.50</u>	<u>0.6000</u>
Total	<u>2.50</u>	<u>1.0000</u>

* Ratio of maximum day to average day minus 1.0.

MISSOURI-AMERICAN WATER COMPANY
WARREN COUNTY WATER OPERATIONS

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 (8)=(3)+(5)+(7)
	Allocation Factor (2)	Weighted Factor (3)=(2) X 0.3447	Allocation Factor (4)	Weighted Factor (5)=(4) X 0.5172	Allocation Factor (6)	Weighted Factor (7)=(6) X 0.1381	
Residential	0.9767	0.3367	0.9904	0.5122			0.8489
Commercial	0.0181	0.0062	0.0096	0.0050			0.0112
Industrial	0.0000	0.0000	0.0000	0.0000			0.0000
Other Public Authority	0.0000	0.0000	0.0000	0.0000			0.0000
Sales for Resale	0.0000	0.0000	0.0000	0.0000			0.0000
Private Fire Protection	0.0000	0.0000			0.0000	0.0000	0.0000
Public Fire Protection	0.0052	0.0018			1.0000	0.1381	0.1399
Total	<u>1.0000</u>	<u>0.3447</u>	<u>1.0000</u>	<u>0.5172</u>	<u>1.0000</u>	<u>0.1381</u>	<u>1.0000</u>

MISSOURI-AMERICAN WATER COMPANY
WARREN COUNTY WATER OPERATIONS

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 2.5 and the average daily system sendout for 2008 of .089 MGD. The system demand for fire protection is 300 Gallons per minute for 2 hours.

	<u>Ratio</u>	Rate of Flow, <u>(GPD)</u>	<u>Weight</u>
Average Day	1.00	89,871	0.3447
Maximum Day Extra Capacity	<u>1.50</u>	<u>134,807</u>	<u>0.5172</u>
Subtotal	<u><u>2.50</u></u>	224,678	0.8619
Fire Protection		<u>36,000</u>	<u>0.1381</u>
Total		<u><u>260,678</u></u>	<u><u>1.0000</u></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
WARREN COUNTY WATER OPERATIONS

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 (9)=(4)+(6)+(8)
	Thousand Gallons (2)	Allocation Factor (3)	Allocation Factor (5)	Weighted Factor (6)=(5) X 0.3748	Allocation Factor (7)	Weighted Factor (8)=(7) X 0.5181	
Residential	3.1	0.9687	0.9732	0.3648			0.4685
Commercial	0.1	0.0313	0.0268	0.0100			0.0134
Industrial	0.0	0.0000	0.0000	0.0000			0.0000
Other Public Authority	0.0	0.0000	0.0000	0.0000			0.0000
Sales for Resale	0.0	0.0000	0.0000	0.0000			0.0000
Private Fire Protection	0.0	0.0000			0.0000	0.0000	0.0000
Public Fire Protection	0.0	0.0000			1.0000	0.5181	0.5181
Total	3.2	1.0000	1.0000	0.3748	1.0000	0.5181	1.0000

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

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

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 3.5 and the average daily system sendout for 2008 of .089 MGD. The system demand for fire protection is 300 gallons per minute.

	Ratio	Rate of Flow, (GPM)	Weight
Average Hour	1.00	62	0.1071
Maximum Hour Extra Capacity	<u>3.50</u>	<u>217</u>	<u>0.3748</u>
Subtotal	<u><u>4.50</u></u>	279	0.4819
Fire Protection		<u>300</u>	<u>0.5181</u>
Total		<u><u>579</u></u>	<u><u>1.0000</u></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	3.1	3.5	10.9	0.9732
Commercial	0.1	2.8	0.3	0.0268
Industrial	0.0	1.5	0.0	0.0000
Other Public Authority	0.0	2.8	0.0	0.0000
Sales for Resale	<u>0.0</u>	2.0	<u>0.0</u>	<u>0.0000</u>
Total	<u><u>3.2</u></u>		<u><u>11.2</u></u>	<u><u>1.0000</u></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
WARREN COUNTY WATER OPERATIONS

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.

Customer Classification (1)	Average Hourly Consumption		Maximum Hour Extra Capacity		Fire Protection		Allocation Factor (9)=(4)+(6)+(8)
	Thousand Gallons (2)	Allocation Factor (3)	Allocation Factor (5)	Weighted Factor (6)=(5) X 0.6601	Allocation Factor (7)	Weighted Factor (8)=(7) X 0.1513	
Residential	3.1	0.9687	0.9732	0.6424			0.8251
Commercial	0.1	0.0313	0.0268	0.0177			0.0236
Industrial	0.0	0.0000	0.0000	0.0000			0.0000
Other Public Authority	0.0	0.0000	0.0000	0.0000			0.0000
Sales for Resale	0.0	0.0000	0.0000	0.0000			0.0000
Private Fire Protection	0.0	0.0000			0.0000	0.0000	0.0000
Public Fire Protection	0.0	0.0000			1.0000	0.1513	0.1513
Total	3.2	1.0000	1.0000	0.6601	1.0000	0.1513	1.0000

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.

MISSOURI-AMERICAN WATER COMPANY
WARREN COUNTY WATER OPERATIONS

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.

$$\text{Fire Protection Weight} = \frac{300 \text{ GPM} \times 60 \text{ Min.} \times 2 \text{ Hrs.}}{238,000 \text{ Gallons}} = 0.1513$$

$$\text{General Service Weight} = 1.0000 - 0.1513 = 0.8487$$

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	22.22	0.1886
Extra Capacity Maximum Hour	<u>3.50</u>	<u>77.78</u>	<u>0.6601</u>
Total	<u><u>4.50</u></u>	<u><u>100.00</u></u>	<u><u>0.8487</u></u>

MISSOURI-AMERICAN WATER COMPANY
WARREN COUNTY WATER OPERATIONS

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 1.0000	(4)	(5)=(4)X 0.0000	(6)	(7)=(6)X 0.0000	(8)=(3)+ (5)+(7)
Residential	0.9849	0.9849	0.8489	0.0000	0.4685	0.0000	0.9849
Commercial	0.0130	0.0130	0.0112	0.0000	0.0134	0.0000	0.0130
Industrial	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Public Authority	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sales for Resale	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Private Fire Protection	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Public Fire Protection	0.0021	0.0021	0.1399	0.0000	0.5181	0.0000	0.0021
Total	<u>1.0000</u>	<u>1.0000</u>	<u>1.0000</u>	<u>0.0000</u>	<u>1.0000</u>	<u>0.0000</u>	<u>1.0000</u>

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	30	1.0000
Associated with Maximum Day and Fire	0	0.0000
Associated with Maximum Hour	<u>0</u>	<u>0.0000</u>
Total	<u>30</u>	<u>1.0000</u>

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

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)
		0.0000		1.0000	
Residential	0.8489	0.0000	0.4685	0.4685	0.4685
Commercial	0.0112	0.0000	0.0134	0.0134	0.0134
Industrial	0.0000	0.0000	0.0000	0.0000	0.0000
Other Public Authority	0.0000	0.0000	0.0000	0.0000	0.0000
Sales for Resale	0.0000	0.0000	0.0000	0.0000	0.0000
Private Fire Protection	0.0000	0.0000	0.0000	0.0000	0.0000
Public Fire Protection	0.1399	0.0000	0.5181	0.5181	0.5181
Total	<u>1.0000</u>	<u>0.0000</u>	<u>1.0000</u>	<u>1.0000</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	0	0.0000
Distribution Mains	<u>60,073</u>	<u>1.0000</u>
Total	<u>60,073</u>	<u>1.0000</u>

MISSOURI-AMERICAN WATER COMPANY
WARREN COUNTY WATER OPERATIONS

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	<u>1.0000</u>
Total	<u><u>1.0000</u></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	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	<u>0</u>	<u>0.0000</u>
Total	<u><u>448</u></u>	<u><u>1.0000</u></u>

MISSOURI-AMERICAN WATER COMPANY
WARREN COUNTY WATER OPERATIONS

BASIS FOR ALLOCATING METER COSTS TO CUSTOMER CLASSIFICATIONS

Meter Size (1)	5/8" Dollar Equivalent (2)	Residential		Commercial		Industrial		Other Public Authority		Sales for Resale		Total	
		Number of Meters (3)	Weighting (4)=(2)X(3)	Number of Meters (5)	Weighting (6)=(2)X(5)	Number of Meters (7)	Weighting (8)=(2)X(7)	Number of Meters (9)	Weighting (10)=(2)X(9)	Number of Meters (11)	Weighting (12)=(2)X(11)	Number of Meters (13)	Weighting (14)
5/8	1.0	425	425	2	2	0	0	0	0	0	0	427	427
3/4	1.3	0	0	0	0	0	0	0	0	0	0	0	0
1	1.7	10	17	0	0	0	0	0	0	0	0	10	17
1-1/2	3.5	0	0	0	0	0	0	0	0	0	0	0	0
2	4.3	1	4	0	0	0	0	0	0	0	0	1	4
3	19.0	0	0	0	0	0	0	0	0	0	0	0	0
4	29.3	0	0	0	0	0	0	0	0	0	0	0	0
6	48.4	0	0	0	0	0	0	0	0	0	0	0	0
8	112.9	0	0	0	0	0	0	0	0	0	0	0	0
Total		436	446	2	2	0	0	0	0	0	0	438	448

MISSOURI-AMERICAN WATER COMPANY
WARREN COUNTY WATER OPERATIONS

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.

Customer Classification <u>(1)</u>	3/4" Dollar Equivalents <u>(2)</u>	Allocation Factor <u>(3)</u>
Residential	439	0.9955
Commercial	2	0.0045
Industrial	0	0.0000
Other Public Authority	0	0.0000
Sales for Resale	0	0.0000
Private Fire Protection	0	0.0000
	<hr/>	<hr/>
Total	<u>441</u>	<u>1.0000</u>

MISSOURI-AMERICAN WATER COMPANY
WARREN COUNTY WATER OPERATIONS

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	425	425	2	2	0	0	0	0	0	0	0	0	427	427
1	1.17	10	12	0	0	0	0	0	0	0	0	0	0	10	12
1-1/2	1.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2.04	1	2	0	0	0	0	0	0	0	0	0	0	1	2
3	2.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	4.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	6.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	9.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	12.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		436	439	2	2	0	0	0	0	0	0	0	0	438	441

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

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 <u>(1)</u>	Transmission & Distribution Operating Expenses <u>(2)</u>	Allocation Factor <u>(3)</u>
Residential	\$ 19,482	0.4685
Commercial	557	0.0134
Industrial	-	0.0000
Other Public Authority	-	0.0000
Sales for Resale	-	0.0000
Private Fire Protection	-	0.0000
Public Fire Protection	<u>21,544</u>	<u>0.5181</u>
 Total	 <u><u>41,583</u></u>	 <u><u>1.0000</u></u>

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, however, due to no expenses in these categories, Factor 7 is used as follows:

Customer Classification <u>(1)</u>	Transmission & Distribution Maintenance Expenses <u>(2)</u>	Factor 7 Allocation Factor <u>(3)</u>
Residential	\$ -	0.4685
Commercial	-	0.0134
Industrial	-	0.0000
Other Public Authority	-	0.0000
Sales for Resale	-	0.0000
Private Fire Protection	-	0.0000
Public Fire Protection	<u>-</u>	<u>0.5181</u>
 Total	 <u><u>\$0</u></u>	 <u><u>1.0000</u></u>

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

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	436	0.9954
Commercial	2	0.0046
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	0	0.0000
 Total	 <u>438</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	436	0.9954
Commercial	2	0.0046
Industrial	0	0.0000
Other Public Authority	0	0.0000
Sales for Resale	0	0.0000
 Total	 <u>438</u>	 <u>1.0000</u>

MISSOURI-AMERICAN WATER COMPANY
WARREN COUNTY WATER OPERATIONS

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.

<u>Customer Classification</u> (1)	<u>Operation & Maintenance Expenses</u> (2)	<u>Allocation Factor</u> (3)
Residential	\$34,527	0.5666
Commercial	771	0.0127
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	25,633	0.4207
	<u> </u>	<u> </u>
Total	<u>\$60,931</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.

<u>Customer Classification</u> (1)	<u>Operation & Maintenance Expenses</u> (2)	<u>Allocation Factor</u> (3)
Residential	\$72,367	0.5848
Commercial	1,537	0.0124
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	49,839	0.4028
	<u> </u>	<u> </u>
Total	<u>\$123,743</u>	<u>1.0000</u>

**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
	<u>22,300</u>	<u>0.5069</u>
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
	<u>208,901</u>	<u>0.1497</u>
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	<u>190,894</u>	<u>0.1490</u>
Total	<u><u>\$1,281,290</u></u>	<u><u>1.0000</u></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 <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	<u>91,729</u>	<u>0.2409</u>
Total	<u><u>\$380,739</u></u>	<u><u>1.0000</u></u>

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

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)	Fire Protection 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 Stratman	6	0	0	0	0	0	0	0	0
Pump Equip Diesel Ctrt 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	0
Elevated Tanks & Standpipes	5	14,525	11,985	343	0	0	0	0	1
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	0
TD Mains 4" & Less	4	30,713	14,389	412	0	0	0	0	62,024
TD Mains 6 to 8"	4	80,515	37,721	1,079	0	0	0	0	15,913
TD Mains 6 to 10"	4	2,995	1,403	40	0	0	0	0	41,715
TD Mains 10 to 16"	3	132	112	1	0	0	0	0	1,552
TD Mains 18" & Grtr	3	76	64	1	0	0	0	0	18
Fire Mains	8	0	0	0	0	0	0	0	11
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 Units	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	0
Other P/E Intangible	17	891	747	11	0	0	0	0	31,824
Other P/E WT Res Hand Equip	2	0	0	0	0	0	0	0	133
									0

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)	Private (9)	Fire Protection 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	0
Trans Equip Lt Duty Trks	15	(32)	(18)	(0)	0	0	0	0	2
Trans Equip Hvy Duty Trks	15	0	0	0	0	0	0	0	(13)
Trans Equip Autos	15	21	12	0	0	0	0	0	0
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
Total Utility Plant in Service		1,396,543	1,170,957	16,523	0	0	0	0	209,063
Other Rate Base Items									
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)
Total Other Rate Base Elements		(115,253)	(95,720)	(1,364)	0	0	0	0	(18,169)
Total Original Cost Measure of Value		\$ 1,281,290	\$ 1,075,237	\$ 15,159	\$ -	\$ -	\$ -	\$ -	\$ 190,894

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)
<u>PRIVATE FIRE PROTECTION</u>				
<u>Fire Lines</u>				
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	
Total Private Fire Protection		<u>0</u>	<u>0</u>	0.0000
<u>PUBLIC FIRE PROTECTION</u>				
<u>Hydrant</u>	<u>Nozzle Sizes</u>			
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
Total Public Fire Protection			<u>69</u>	<u>1,485</u>
Total Fire Protection			<u><u>69</u></u>	<u><u>1,485</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%

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)	Private (9)	Fire Protection Public (10)
OPERATION AND MAINTENANCE EXPENSES									
SOURCE OF SUPPLY EXPENSES									
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
TOTAL SS EXPENSE - OPERATION		7,275	3,597	1,393	249	1,121	891	6	19
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
Infit Gall & Tunnels Maint SS - Labor	2	0	0	0	0	0	0	0	0
Infit Gall & 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
TOTAL SS EXPENSE - MAINTENANCE		134,744	66,617	25,803	4,608	20,764	16,493	108	350
TOTAL SS EXPENSE		142,019	70,214	27,197	4,857	21,885	17,383	114	369
POWER AND PUMPING EXPENSES									
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
TOTAL PUMPING EXPENSE - OPERATION		1,531	755	292	52	235	187	2	7

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 (9)		Public (10)
								Private	Public	
Super & Eng Maint P	6	0	0	0	0	0	0	0	0	0
Struct & Improve Maint P - Labor	6	0	0	0	0	0	0	0	0	0
Struct & Improve Maint P	6	0	0	0	0	0	0	0	0	0
Power Prod Equip Maint P - Labor	6	0	0	0	0	0	0	0	0	0
Power Prod Equip Maint P	6	0	0	0	0	0	0	0	0	0
Pump Equip Maint P - Labor	6	(128)	(63)	(25)	(4)	(20)	(16)	(0)	(0)	(1)
Pump Equip Maint P	6	0	0	0	0	0	0	0	0	0
TOTAL PUMPING EXPENSES - MAINTENANCE		(128)	(63)	(25)	(4)	(20)	(16)	(0)	(0)	(1)
TOTAL PUMPING EXPENSES		1,403	692	268	48	216	171	2	2	6
WATER TREATMENT										
Super & Eng Oper WT	2	(89)	(44)	(17)	(3)	(14)	(11)	(0)	(0)	(0)
Chemicals	1	33,323	15,332	6,531	1,366	5,255	4,642	47	150	0
Labor & Exp Oper WT - Labor	2	0	0	0	0	0	0	0	0	0
Labor & Exp Oper WT	2	3,873	1,915	742	132	597	474	3	10	0
Misc Exp Oper WT	2	18,602	9,197	3,562	636	2,867	2,277	15	48	0
Misc Exp Oper WT	1	0	0	0	0	0	0	0	0	0
Misc Exp Oper WT	2	959	474	184	33	148	117	1	2	0
Rents Oper WT	2	0	0	0	0	0	0	0	0	0
TOTAL WT EXPENSE - OPERATION		56,668	26,874	11,002	2,165	8,853	7,499	65	211	0
Super & Eng Maint WT										
Struct & Improve Maint WT - Labor	2	8	4	2	0	1	1	0	0	0
Struct & Improve Maint WT	2	0	0	0	0	0	0	0	0	0
WT Equip Maint WT - Labor	2	204	101	39	7	31	25	0	0	1
WT Equip Maint WT	2	10	5	2	0	2	1	0	0	1
TOTAL WT EXPENSE - MAINTENANCE		222	110	42	8	34	27	0	0	1
TOTAL WT EXPENSE		56,890	26,983	11,044	2,172	8,887	7,526	66	211	0
TRANSMISSION AND DISTRIBUTION EXPENSES										
Super & Eng Oper TD	11	0	0	0	0	0	0	0	0	0
Storage Facility Exp - Labor	5	0	0	0	0	0	0	0	0	0
Storage Facility Exp	5	0	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	0
TD Lines Exp	7	1,393	521	196	31	158	119	78	290	0
Meter Expense - Labor	9	25,317	18,919	3,223	352	2,706	116	0	0	0
Meter Expense	9	0	0	0	0	0	0	0	0	0
Customer Install Exp - Labor	10	6,600	5,400	641	24	209	6	319	0	0
Customer Install Exp	10	0	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	0

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
TOTAL T & D EXPENSE OPERATION		256,983	114,631	35,204	5,271	28,068	18,007	12,264	43,536
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	0
Hydrants Maint TD	8	0	0	0	0	0	0	0	13,056
Misc Plant Maint TD - Labor	12	62	22	4	0	3	1	0	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
TOTAL T & D EXPENSE - MAINTENANCE		211,575	74,547	22,104	3,122	16,938	11,291	10,609	72,964
TOTAL T & D EXPENSE		468,557	189,179	57,308	8,394	45,006	29,298	22,872	116,500
CUSTOMER ACCOUNTS									
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
TOTAL CUSTOMER ACCOUNTING EXPENSE		129,616	114,017	11,344	259	2,889	52	1,054	0

MISSOURI-AMERICAN WATER COMPANY
WARRENSBURG DISTRICT

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

Account	Factor Ref.	Cost of Service	Residential	Commercial	Industrial	Public Authorities	Sales for Resale	Private	Fire Protection	Public
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(10)
ADMINISTRATIVE AND GENERAL EXPENSES										
Salaries AG	15	55,896	28,183	7,350	1,051	5,377	3,639	1,755	8,541	
Other Supplies & Exp AG	15	3,267	1,647	430	61	314	213	103	489	
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	91,256	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	2,606	
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	
TOTAL A & G OPERATIONS		900,904	494,972	112,979	14,916	78,272	50,534	26,596	122,635	
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	
TOTAL A & G EXPENSE - MAINTENANCE		(17,837)	(8,576)	(2,759)	(447)	(2,171)	(1,525)	(377)	(1,983)	
TOTAL A & G EXPENSE		883,067	486,395	110,221	14,469	76,101	49,010	26,219	120,652	
Total Operation & Maintenance Expenses		1,681,552	887,481	217,382	30,199	154,983	103,440	50,327	237,739	

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)	
DEPRECIATION EXPENSE																			
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	9,156	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 Units	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	366	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										

MISSOURI-AMERICAN WATER COMPANY

WARRENSBURG DISTRICT

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

Account	Factor Ref.	Cost of Service	Residential	Commercial	Industrial	Public Authorities	Sales for Resale	Private	Fire Protection
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(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
Total Depreciation Expense		515,030	263,758	77,547	12,098	59,095	41,065	11,068	50,399
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
Taxes Other Than Income									
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	22,613	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
Total Taxes, Other Than Income		301,284	147,731	44,152	6,883	33,993	23,512	7,421	37,594
Income Taxes		493,944	239,810	74,092	11,756	57,594	40,207	11,460	59,026
Utility Income Available for Return		1,233,780	599,000	185,067	29,364	143,859	100,430	28,624	147,437
Total Cost of Service		4,227,542	2,138,732	598,550	90,350	449,766	308,830	108,935	532,379
Less: Other Water Revenues		86,529	43,766	12,252	1,852	9,207	6,325	2,232	10,994
Revenue Contribution		0	0	0	0	0	0	0	0
Total Other Water Revenues		86,529	43,766	12,252	1,852	9,207	6,325	2,232	10,994
Total Cost of Service Related to Sales of Water		4,141,013	2,094,966	586,298	88,498	440,560	302,505	106,702	521,485
Reallocation of Public Fire	20	0	391,479	66,698	7,301	56,008	0	0	(521,485)
Total		4,141,013	2,486,444	652,996	95,799	496,567	302,505	106,702	\$ -

**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.

Customer Classification (1)	Average Daily Consumption, Thousand Gallons (2)	Allocation Factor (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
Total	2,219	1.0000

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:

Customer Classification (1)	Average Daily Consumption		Maximum Day Extra Capacity		Allocation Factor (6)=(3)+(5)
	Allocation Factor 1 (2)	Weighted Factor (3)=(2)x 0.5882	Allocation Factor (4)	Weighted Factor (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
Total	1.0000	0.5882	1.0000	0.4118	1.0000

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	2,206		1,880	1.0000

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	0.70	0.4118
Total	1.70	1.0000

* 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
Total	<u>1.0000</u>	<u>0.5562</u>	<u>1.0000</u>	<u>0.3893</u>	<u>1.0000</u>	<u>0.0545</u>	<u>1.0000</u>

**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 (9)=(4)+(6)+(8)
	Thousand Gallons (2)	Allocation Factor (3)	Weighted Factor (4)=(3) X 0.2721	Allocation Factor (5)	Weighted Factor (6)=(5) X 0.4082	Allocation Factor (7)	Weighted Factor (8)=(7) X 0.3197	Allocation Factor (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		
Total	92.4	1.0000	0.2721	1.0000	0.4082	1.0000	0.3197	1.0000		

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

**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	<u>1.50</u>	<u>2,553</u>	<u>0.4082</u>
Subtotal	<u><u>2.50</u></u>	4,255	0.6803
Fire Protection		<u>2,000</u>	<u>0.3197</u>
Total		<u><u>6,255</u></u>	<u><u>1.0000</u></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	<u>12.9</u>	2.0	<u>25.8</u>	<u>0.0949</u>
Total	<u><u>91.9</u></u>		<u><u>271.9</u></u>	<u><u>1.0000</u></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.

Customer Classification (1)	Average Hourly Consumption		Maximum Hour Extra Capacity		Fire Protection		Allocation Factor (9)=(4)+(6)+(8)
	Thousand Gallons (2)	Allocation Factor (3)	Allocation Factor (5)	Weighted Factor (4)=(3) X (5) 0.2720	Allocation Factor (7)	Weighted Factor (8)=(7) X (6)=(5) X (7) 0.4080	
Residential	42.5	0.4600	0.5472	0.1250			0.3482
Commercial	18.1	0.1959	0.1865	0.0533			0.1294
Industrial	3.8	0.0411	0.0210	0.0112			0.0198
Other Public Authority	14.6	0.1580	0.1504	0.0430			0.1044
Sales for Resale	12.9	0.1396	0.0949	0.0380			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
Total	92.4	1.0000	1.0000	0.2720	1.0000	0.3200	1.0000

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.

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 0.9920	(4)	(5)=(4)X 0.0000	(6)	(7)=(6)X 0.0080	(8)=(3)+ (5)+(7)
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
Total	1.0000	0.9920	1.0000	0.0000	1.0000	0.0080	1.0000

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
Total	1,250	1.0000

**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	
	(2)	(3)=(2)X 0.2162	(4)	(5)=(4)X 0.7838	
(1)	(2)	(3)=(2)X 0.2162	(4)	(5)=(4)X 0.7838	(6)=(3)+(5)
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
Total	1.0000	0.2162	1.0000	0.7838	1.0000

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
Total	561,476	1.0000

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	<u>1.0000</u>
Total	<u><u>1.0000</u></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	<u>0</u>	<u>0.0000</u>
Total	<u><u>8,261</u></u>	<u><u>1.0000</u></u>

MISSOURI-AMERICAN WATER COMPANY
WARRENSBURG DISTRICT

BASIS FOR ALLOCATING METER COSTS TO CUSTOMER CLASSIFICATIONS

Meter Size (1)	5/8" Dollar Equivalent (2)	Residential		Commercial		Industrial		Other Public Authority		Sales for Resale		Total	
		Number of Meters (3)	Weighting (4)=(2)X(3)	Number of Meters (5)	Weighting (6)=(2)X(5)	Number of Meters (7)	Weighting (8)=(2)X(7)	Number of Meters (9)	Weighting (10)=(2)X(9)	Number of Meters (11)	Weighting (12)=(2)X(11)	Number of Meters (13)	Weighting (14)
5/8	1.0	6,121	6,121	412	412	0	0	87	87	0	0	6,620	6,620
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

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.

Customer Classification	3/4" Dollar Equivalents	Allocation Factor
(1)	(2)	(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
	<hr/>	<hr/>
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	16	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
Total		6,149	6,155	612	731	14	28	156	238	3	7	78	364	7,012	7,523

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
	<u>172,441</u>	<u>1.0000</u>
Total	<u>172,441</u>	<u>1.0000</u>

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
	<u>\$30,120</u>	<u>1.0000</u>
Total	<u>\$30,120</u>	<u>1.0000</u>

**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
	<u>116,937</u>	<u>0.1528</u>
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
	<u>237,739</u>	<u>0.1414</u>
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 <u>(1)</u>	Original Cost Measure of Value <u>(2)</u>	Allocation Factor <u>(3)</u>
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	<u>1,654,443</u>	<u>0.1195</u>
Total	<u><u>\$13,847,136</u></u>	<u><u>1.0000</u></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 <u>(1)</u>	Total Cost of Service <u>(2)</u>	Allocation Factor <u>(3)</u>
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	<u>527,285</u>	<u>0.1259</u>
Total	<u><u>\$4,187,077</u></u>	<u><u>1.0000</u></u>

MISSOURI-AMERICAN WATER COMPANY

WARRENSBURG DISTRICT

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

Account	Factor Ref. (2)	Cost of Service (3)	Residential (4)			Commercial (5)		Industrial (6)		Public Authorities (7)		Sales for Resale (8)		Fire Protection (9)		Public (10)
			\$			\$		\$		\$		\$	Private	Public		
RATE BASE																
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	55,085	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	314,668	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	18,266							
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, Car	15	52,234	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	23,336	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	3,136	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							

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

Account	Factor Ref.	Cost of Service	Residential	Commercial	Industrial	Public Authorities	Sales for Resale	Private	Fire Protection
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Meters Other-Rem Rdr Units	9	0	0	0	0	0	0	0	0
Meter Installations	9	908,135	678,649	115,606	12,623	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	681	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	5,801
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	1,693	8,238
Trans Equip Hwy 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 Oth	15	15,125	7,626	1,989	284	1,455	985	475	2,311
Laboratory Equipment	2	0	0	0	0	0	0	0	0
Laboratory Equip Other	2	39,251	19,406	7,517	1,342	6,049	4,804	31	102
Power Operated Equipment	15	0	0	0	0	0	0	0	0
Comm Equip Non-Telephone	15	35,022	17,658	4,605	658	3,369	2,280	1,100	5,351
Remote Control & Instr	15	8,112	4,050	1,067	153	780	528	255	1,240
Comm Equip Telephone	15	39,680	20,007	5,218	746	3,817	2,583	1,246	6,063
Misc Equipment	15	(2,972)	(1,498)	(391)	(56)	(286)	(193)	(93)	(454)
Other Tangible Property	17	46,083	23,235	6,060	866	4,433	3,000	1,447	7,042
		4,150	2,014	623	99	485	338	96	495
Total Utility Plant in Service		15,580,147	7,562,109	2,339,454	372,089	1,819,176	1,270,209	360,071	1,857,039
Other Rate Base Items									
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)	(278,716)	(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)
Total Other Rate Base Elements		(1,733,011)	(838,351)	(262,624)	(42,060)	(204,906)	(143,455)	(39,018)	(202,596)
Total Original Cost Measure of Value		\$ 13,847,136	\$ 6,723,758	\$ 2,076,830	\$ 330,028	\$ 1,614,270	\$ 1,126,753	\$ 321,053	\$ 1,654,443

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.

<u>Customer Classification</u> (1)	<u>5/8" Dollar Equivalents</u> (2)	<u>Allocation Factor</u> (3)
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	<u>0</u>	<u>0.0000</u>
Total	<u><u>8,223</u></u>	<u><u>1.0000</u></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)
<u>PRIVATE FIRE PROTECTION</u>				
<u>Fire Lines</u>				
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	
Total Private Fire Protection		81	3,106	0.2129
<u>PUBLIC FIRE PROTECTION</u>				
<u>Hydrant</u>	<u>Nozzle Sizes</u>			
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
Total Public Fire Protection		746	11,482	0.7871
Total Fire Protection		827	14,588	1.0000

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