

Residential Water Billing Determinants

Meter Billings	District 1			District 2	Distirct 3	Total Company		
	Monthly	Quarterly	Pro-Rated	Monthly	Monthly	Monthly	Quarterly	Total
5/8"	524,894	1,109,888	62,943	382,940	380,608	1,288,442	1,172,831	2,461,273
3/4"	1,439	87,057	3,785	18,737	120	20,296	90,842	111,138
1"	21,422	24,692	1,500	14,456	29,383	65,261	26,192	91,453
1.5"	1,541	1,223	42	248	47	1,836	1,265	3,101
2.0"	1,271	3,601	124	205	519	1,994	3,725	5,720
3.0"	65	58	2	12	0	77	60	137
4.0"	60	55	1	0	0	60	56	116
6.0"	72	69	1	0	0	72	70	142
8.0"	100	82	5	0	0	100	87	187
10.0"	12	4	0	0	0	12	4	16
12.0"	0	0	0	0	0	0	0	0
Wardsville	5,904	0	0	0	0	5,904	0	5,904
Pevely Farms	840	0	0	0	0	840	0	840
<b>Total</b>	<b>557,619</b>	<b>1,226,729</b>	<b>68,403</b>	<b>416,599</b>	<b>410,677</b>	<b>1,384,894</b>	<b>1,295,132</b>	<b>2,680,027</b>

Usage (1,000 Gallons)	District 1			District 2	Distirct 3	Total Company		
	Monthly	Quarterly	Pro-Rated	Monthly	Monthly	Monthly	Quarterly	Total
Rate A Volume	3,152,031	23,501,240		1,769,886	1,648,022	6,569,940	23,501,240	30,071,180
Wardsville	31,903					31,903	0	31,903
Pevely Farms	23,837					23,837	0	23,837
<b>Total</b>	<b>3,207,771</b>	<b>23,501,240</b>	<b>0</b>	<b>1,769,886</b>	<b>1,648,022</b>	<b>6,625,679</b>	<b>23,501,240</b>	<b>30,126,919</b>

Flat Rate Billings	District 1			District 2	Distirct 3	Total Company		
	Monthly	Quarterly	Pro-Rated	Monthly	Monthly	Monthly	Quarterly	Total
Anna Meadows	1,634	0	0	0	0	1,634	0	1,634
Jaxson Estates	843	0	0	0	0	843	0	843
Rankin Acres	0	0	0	0	1,029	1,029	0	1,029
White Branch	0	0	0	0	1,622	1,622	0	1,622
<b>Total</b>	<b>2,477</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,651</b>	<b>5,128</b>	<b>0</b>	<b>5,128</b>

Commercial Water Billing Determinants

Meter Billings	District 1			District 2	Distirct 3	Total Company		
	Monthly	Quarterly	Pro-Rated	Monthly	Monthly	Monthly	Quarterly	Total
5/8"	13,542	28,395	1,453	22,522	25,942	62,006	29,848	91,854
3/4"	205	11,501	433	1,794	149	2,149	11,934	14,082
1"	4,928	7,745	291	6,392	8,771	20,092	8,036	28,128
1.5"	1,611	3,561	138	1,365	648	3,624	3,699	7,323
2.0"	5,390	10,185	333	5,444	8,336	19,170	10,518	29,688
3.0"	1,016	615	16	330	108	1,454	631	2,085
4.0"	1,000	327	14	180	362	1,542	341	1,883
6.0"	521	420	23	84	143	748	443	1,191
8.0"	487	615	30	36	36	560	645	1,205
10.0"	343	90	44	0	1	344	134	478
12.0"	0	0	0	0	0	0	0	0
Wardsville	120	0	0	0	0	120	0	120
<b>Total</b>	<b>29,164</b>	<b>63,455</b>	<b>2,775</b>	<b>38,148</b>	<b>44,496</b>	<b>111,807</b>	<b>66,230</b>	<b>178,037</b>

Usage (1,000 Gallons)	District 1			District 2	Distirct 3	Total Company		
	Monthly	Quarterly	Pro-Rated	Monthly	Monthly	Monthly	Quarterly	Total
Rate A Volume	2,730,806	5,650,738		937,088	1,055,827	4,723,721	5,650,738	10,374,459
Rate J Volume	578,834	0		74,955	113,216	767,005	0	767,005
Wardsville	1,845					1,845	0	1,845
<b>Total</b>	<b>3,311,486</b>	<b>5,650,738</b>		<b>1,012,043</b>	<b>1,169,043</b>	<b>5,492,571</b>	<b>5,650,738</b>	<b>11,143,310</b>

**Industrial Water Billing Determinants**

Meter Billings	District 1			District 2	Distirct 3	Total Company		
	Monthly	Quarterly	Pro-Rated	Monthly	Monthly	Monthly	Quarterly	Total
5/8"	85	0	0	163	379	626	0	626
3/4"	0	0	0	71	12	83	0	83
1"	87	0	0	219	161	467	0	467
1.5"	71	4	1	24	12	107	5	112
2.0"	407	0	0	731	486	1,624	0	1,624
3.0"	434	0	0	71	12	517	0	517
4.0"	528	0	0	159	163	850	0	850
6.0"	418	4	0	84	84	586	4	590
8.0"	183	0	0	69	15	267	0	267
10.0"	120	0	0	0	0	120	0	120
12.0"	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2,334</b>	<b>8</b>	<b>1</b>	<b>1,590</b>	<b>1,324</b>	<b>5,247</b>	<b>9</b>	<b>5,256</b>

EDR	District 1			District 2	Distirct 3	Total Company		
	Monthly	Quarterly		Monthly	Monthly	Monthly	Quarterly	Total
Special Contract 1				1		1	0	1
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

Usage (1,000 Gallons)	District 1			District 2	Distirct 3	Total Company		
	Monthly	Quarterly		Monthly	Monthly	Monthly	Quarterly	Total
Rate A Volume	63,979	681		172,022	73,373	309,374	681	310,056
Rate J Volume	3,958,212	0		1,235,858	827,210	6,021,280	0	6,021,280
Special Contract 1	0	0		740,323	0	740,323	0	740,323
Special Contract 2	0	0		0	505,795	505,795	0	505,795
<b>Total</b>	<b>4,022,191</b>	<b>681</b>		<b>2,148,203</b>	<b>1,406,378</b>	<b>7,576,772</b>	<b>681</b>	<b>7,577,453</b>

**Other Public Authority Water Billing Determinants**

Meter Billings	District 1			District 2	Distirct 3	Total Company		
	Monthly	Quarterly	Pro-Rated	Monthly	Monthly	Monthly	Quarterly	Total
5/8"	1,151	563	7	774	1,553	3,478	570	4,048
3/4"	32	662	11	165	12	209	673	882
1"	994	492	5	468	546	2,008	497	2,505
1.5"	590	220	0	301	60	951	220	1,170
2.0"	1,786	722	6	1,229	1,149	4,164	728	4,891
3.0"	274	104	1	48	60	382	105	487
4.0"	156	56	0	84	288	528	56	584
6.0"	60	96	0	24	12	96	96	192
8.0"	48	16	0	12	60	120	16	136
10.0"	0	12	0	0	0	0	12	12
12.0"	0	0	0	0	0	0	0	0
<b>Total</b>	<b>5,091</b>	<b>2,943</b>	<b>30</b>	<b>3,105</b>	<b>3,739</b>	<b>11,935</b>	<b>2,973</b>	<b>14,908</b>

Usage (1,000 Gallons)	District 1			District 2	Distirct 3	Total Company		
	Monthly	Quarterly		Monthly	Monthly	Monthly	Quarterly	Total
Rate A Volume	290,342	383,603		116,647	246,520	653,509	383,603	1,037,112
Rate J Volume	0	0		71,234	11,413	82,647	0	82,647
<b>Total</b>	<b>290,342</b>	<b>383,603</b>		<b>187,881</b>	<b>257,933</b>	<b>736,156</b>	<b>383,603</b>	<b>1,119,759</b>

Sale for Resale Water Billing Determinants

Meter Billings	District 1			District 2	Distrcit 3	Total Company		
	Monthly	Quarterly	Pro-Rated	Monthly	Monthly	Monthly	Quarterly	Total
5/8"	0	0	0	12	0	12	0	12
3/4"	0	0	0	0	0	0	0	0
1"	0	0	0	12	12	24	0	24
1.5"	0	0	0	0	0	0	0	0
2.0"	48	0	0	156	36	240	0	240
3.0"	12	0	0	36	0	48	0	48
4.0"	0	0	0	72	12	84	0	84
6.0"	12	0	0	36	24	72	0	72
8.0"	0	0	0	0	24	24	0	24
10.0"	0	0	0	0	0	0	0	0
12.0"	0	0	0	0	0	0	0	0
<b>Total</b>	<b>72</b>	<b>0</b>	<b>0</b>	<b>324</b>	<b>108</b>	<b>504</b>	<b>0</b>	<b>504</b>

Fixed Charge	District 1			District 2	Distrcit 3	Total Company		
	Monthly	Quarterly		Monthly	Monthly	Monthly	Quarterly	Total
Sepecial Contract B	12					12	0	12
<b>Total</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>12</b>

Usage (1,000 Gallons)	District 1			District 2	Distrcit 3	Total Company		
	Monthly	Quarterly		Monthly	Monthly	Monthly	Quarterly	Total
Rate B Volume	1,645,391	0		843,338	355,196	2,843,924	0	2,843,924
Special Contract A	1,244,751	0		0	0	1,244,751	0	1,244,751
Special Contract B	1,004,042	0		0	0	1,004,042	0	1,004,042
Special Contract C	0	0		18,938	0	18,938	0	18,938
<b>Total</b>	<b>3,894,184</b>	<b>0</b>		<b>862,276</b>	<b>355,196</b>	<b>5,111,655</b>	<b>0</b>	<b>5,111,655</b>

Private Fire Water Billing Determinants

Meter Billings	District 1		District 2	Distrcit 3	Total Company		
	Monthly	Annual	Monthly	Monthly	Monthly	Quarterly	Total
2.0"	272	150	240	407	919	150	1,069
3.0"	12	2	24	0	36	2	38
4.0"	744	558	1,394	1,922	4,060	558	4,619
6.0"	1,998	2,236	2,876	3,556	8,430	2,236	10,666
8.0"	1,418	1,293	1,523	2,082	5,023	1,293	6,316
10.0"	303	33	327	96	727	33	760
12.0"	12	80	132	68	212	80	292
Hydrant	592	42	1,060	1,040	2,692	42	2,734
<b>Total</b>	<b>5,351</b>	<b>4,393</b>	<b>7,577</b>	<b>9,171</b>	<b>22,099</b>	<b>4,393</b>	<b>26,492</b>

Usage (1,000 Gallons)	District 1		District 2	Distrcit 3	Total Company		
	Monthly	Annual	Monthly	Monthly	Monthly	Quarterly	Total
Rate A Volume	43,394	0	220	46	43,660	0	43,660
<b>Total</b>	<b>43,394</b>	<b>0</b>	<b>220</b>	<b>46</b>	<b>43,660</b>	<b>0</b>	<b>43,660</b>

Total Company Water Usage

Usage (1,000 Gallons)	District 1			District 2	Distrcit 3	Total Company		
	Monthly	Annual		Monthly	Monthly	Monthly	Quarterly	Total
Rate A Volume	6,280,553	29,536,263	0	2,995,863	3,023,788	12,300,204	29,536,263	41,836,467
Pevely Farms	23,837	0	0	0	0	23,837	0	23,837
Subtotal Rate A	6,304,389	29,536,263	0	2,995,863	3,023,788	12,324,041	29,536,263	41,860,304
Rate B Volume	1,645,391	0	0	843,338	355,196	2,843,924	0	2,843,924
Rate J Volume	4,537,046	0	0	1,382,047	951,839	6,870,933	0	6,870,933
Wardsville	33,748	0	0	0	0	33,748	0	33,748
Special Contract 1	0	0	0	740,323	0	740,323	0	740,323
Special Contract 2	0	0	0	0	505,795	505,795	0	505,795
Special Contract A	1,244,751	0	0	0	0	1,244,751	0	1,244,751
Special Contract B	1,004,042	0	0	0	0	1,004,042	0	1,004,042
Special Contract C	0	0	0	18,938	0	18,938	0	18,938
<b>Total</b>	<b>14,769,367</b>	<b>29,536,263</b>	<b>0</b>	<b>5,980,509</b>	<b>4,836,618</b>	<b>25,586,494</b>	<b>29,536,263</b>	<b>55,122,757</b>

**Missouri American Water**  
**WR-2017-0285**  
**Rate Case Reconciliation**

**Attachment B**

1	Stipulated Revenue Requirement		\$318,000,000
2			
3	Contested Issue - Lead Service Lines		256,160
4			
5	<b>Total Company Revenue Requirement</b>		<b>\$318,256,160</b>
6			
7			
8			
9	<u>Lead Service Lines Calculation</u>		
10			
11	Lead Service Lines at 12/31/17	\$1,668,796	
12	Long Term Debt Rate	5.35%	
13	Return on Regulatory Asset	89,281	
14	Amortization over 10 Years	166,880	
15	<b>Lead Service Lines Revenue Requirement</b>	<b>\$256,160</b>	





