FILED June 07, 2010 Data Center **Missouri Public** Service Commission

Exhibit No.: Issues:

Company Accounting Schedules and Minimum Filing Requirements Witness: Donald J. Petry Exhibit Type: First Supplement to Direct Testimony Sponsoring Party: Missouri-American Water Company Case No.: WR-2010-0131 SR-2010-0135 . December 17, 2009

# **MISSOURI PUBLIC SERVICE COMMISSION**

Date:

CASE NO. WR-2010-0131 CASE NO. SR-2010-0135

# FIRST SUPPLEMENT TO DIRECT TESTIMONY

OF

**DONALD J. PETRY** 

#### **ON BEHALF OF**

# **MISSOURI-AMERICAN WATER COMPANY**

MALCExhibit No.114 Date 5-17-10 Reporter KF JR-2010-0131 File No.

# BEFORE THE PUBLIC SERVICE COMMISSION

# OF THE STATE OF MISSOURI

IN THE MATTER OF MISSOURI-AMERICAN ) WATER COMPANY FOR AUTHORITY TO ) FILE TARIFFS REFLECTING INCREASED ) RATES FOR WATER AND SEWER ) SERVICE ) CASE NO. SR-2010-0135

### AFFIDAVIT OF DONALD J. PETRY

Donald J. Petry, being first duly sworn, deposes and says that he is the witness who sponsors the accompanying testimony entitled "First Supplement to Direct Testimony of Donald J. Petry"; that said testimony and schedules were prepared by him and/or under his direction and supervision; that if inquires were made as to the facts in said testimony and schedules, he would respond as therein set forth; and that the aforesaid testimony and schedules are true and correct to the best of his knowledge.

Donald J. F

State of Missouri County of St. Louis SUBSCRIBED and sworn to Before me this <u>16</u> day of <u>December</u> 2009.

**Notary Public** 

My commission expires:

STACI A. OLSEN Notary Public – Notary Seal STATE OF MISSOURI St. Charles County Commission Number 09519210 My commission expires March 20, 2013

## FIRST SUPPLEMENT TO DIRECT TESTIMONY

### DONALD J. PETRY

#### I. WITNESS INTRODUCTION

### Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS. 1 Α. Donald J. Petry, 727 Craig Road, St. Louis, Missouri 63141. 2 3 ARE YOU THE SAME DONALD J. PETRY THAT PREVIOUSLY FILED Q. 4 DIRECT TESTIMONY IN THIS PROCEEDING? 5 6 Α. Yes, I am. 7 Q. WHAT IS THE PURPOSE OF YOUR FIRST SUPPLEMENT TO DIRECT 8 9 **TESTIMONY IN THIS PROCEEDING?** 10 Α. In my direct testimony, I sponsored the Company Accounting Schedules 11 ("CAS") and Minimum Filing Requirements ("MFR"). As a result of a 12 revision to the cost of service allocation study detailed in First Supplement 13 to Direct Testimony of Paul R. Herbert, I am revising portions of the 14 Company Accounting Schedules and Minimum Filing Requirements. The 15 revisions are submitted as Appendix 'A' (MFR) Item 1, p 2 of 2 Revised; 16 Appendix 'A' (MFR) Item 4, p 6 of 13 Revised; Schedule CAS-13-SJO, 17 Revised; and Schedule CAS-14-SJO, Revised. 18 Q. WERE THESE SCHEDULES PREPARED BY YOU OR UNDER YOUR 19 20 SUPERVISION?

A. Yes, they were.

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- Q. HAVE YOU READ THE FIRST SUPPLEMENT TO DIRECT TESTIMONY 3 4 **OF COMPANY WITNESS PAUL R. HERBERT?** 5 Α. Yes, I have. 6 7 Q. BRIEFLY DESCRIBE THE CHANGES TO THE SCHEDULES. 8 Α. These changes apply only to the St Joseph District. Appendix 'A' (MFR) Item 1 p. 2 of 2, Revised, revises the Aggregate Annual Increase for the St. 9 Joseph District; Appendix 'A' (MFR) Item 4 p. 6 of 13, Revised, revises the 10 Average Increase By Customer Classification for the St. Joseph District; 11 12 Schedule CAS-13-SJO Revised, and Schedule CAS-14-SJO Revised, revise 13 the Test Year Operating Revenues at Present vs. Proposed Rates. 14 15 Q. DOES THIS CONCLUDE YOUR TESTIMONY?
  - 16 A. Yes, it does.

# Appendix 'A' (MFR)

# Missouri-American Water Company For the Test Year Ended June 30, 2009 Case No. WR-2010-0131 Case No. SR-2010-0135

#### Item #1 - Aggregate Annual Increase

#### St Joseph District

The aggregate annual increase over current revenues which the tariffs propose is \$5,256,087 which is an overall increase to the customer of 26.19% on a Pro Forma Basis.

#### St Louis Metro

The aggregate annual increase over current reve	enues which the tariffs propose is	\$35,600,426
which is an overall increase to the customer of	22.52% on a Pro Forma Basis.	

#### Warren County Water

The aggregate annual increase over current revenues which the tariffs propose is \$61,442 which is an overall increase to the customer of \$26.27% on a Pro Forma Basis.

#### Warrensburg District

The aggregate annual increase over current revenues which the tariffs propose is \$432,039 which is an overall increase to the customer of 11.65% on a Pro Forma Basis.

#### Parkville Sewer District

The aggregate annual increase over current revenues which the tariffs propose is \$15,612 which is an overall increase to the customer of \$24.35% on a Pro Forma Basis.

#### Warren County Sewer District

The aggregate annual increase over current revenues which the tariffs propose is \$49,876 which is an overall increase to the customer of 26.20% on a Pro Forma Basis.

#### Cedar Hill Sewer District

The aggregate annual increase over current revenues which the tariffs propose is \$78,182 which is an overall increase to the customer of 26.18% on a Pro Forma Basis.

# Missouri-American Water Company For the Test Year Ended June 30, 2009 Case No. WR-2010-0131 Case No. SR-2010-0135

## Item #4 - Average Increase by Customer Classifications

The average increase in dollars and the percentage over the current rate for all customer classifications based on 2007 projected sales are as follows:

#### St Joseph District

Classification	Pro Forma Revenue at Current Rates	Pro Forma Revenue at <u>New</u> <u>Rates</u>	Dollar Increase	Percent Increase
Residential	\$10,070,185	\$13,071,743	\$3,001,558	29.81%
Commercial	3,755,412	4,455,413	700,001	18.64%
Industrial	3,424,845	4,267,243	842,398	24.60%
Other Public Authority	670,067	816,659	146,592	21.88%
Other Water Utility	1,900,568	2,393,067	492,499	25.91%
Fire Protection	250,593	323,632	73,039	29.15%
Miscellaneous Sales	0	0	0	0.00%
Total	\$20,071,670	\$25, <u>327,757</u>	\$5,256,087	26.19%

		Te		Present Rates vs Proposed Ra	ates		
	uri Public Service Commissio any: Missouri-American Water		For the Test Year E	nded June 30, 2009			. WR-2010-013 ule CAS-13-SJ
Distric	t: St. Joseph						Revise Page 1 of
		Present Pro	Forma Rates	Proposed Pro	Forma Rates		
Line #	Class/			· · · · ·			
	Description *	Sales -	Total	Sales	Total	Dollar	Percentage
1		('000 Gal)	Revenue	('000 Gal)	Revenue	Change	Change
2 3	Monthly Billing:						
	Desidential	4 670 400	A10.070.405	4 070 400	\$40.074.740	\$3 004 EE9	29,819
	Residential Commercial	1,672,406	\$10,070,185	1,672,406	\$13,071,743	\$3,001,558 700,001	18.64%
	Industrial	864,913	3,755,412	864,913	4,455,413	842,398	24.60%
-		2,042,813	3,424,845	2,042,813	4,267,243		
	Other Public Authority	171,949	670,067	171 949	816,659	146,592	21.889
	Other Water Utilities	803,053	1,900,568	803,053	2,393,067	492,499	25.919
	Miscellaneous	0	0	0	0	0	0.00%
	Private Fire	0	250,593	0	323,632	73,039	29.15%
	Public Fire	0	0	0	0	0	0.00%
	Total	5,555,133	20,071,670	5,555,133	25,327,757	\$5,256,087	26.19%
14							
15							
	Miscellaneous Revenues:						
17							
	Reconnect Charges		11,860		40,740	28,880	243.51%
19	Returned Check Charge		6,696		6,696	0	0.00%
20	Application Fee		0		31,235	31,235	0.00%
	Miscellaneous Other Revenue		223, 158		223,158	0	0.009
22 I	Rents from Water Property		15,003		15,003	0	0.00%
23	Misc Sales		-		0	0	0.00%
24							
25			\$20,328,387		\$25,644,589	5,316,202	26.15%
26							
27							
28							
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35 35							
35 36							
36 37							
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				Test Year	Operating Rever	ues at Present I Year Ended Jur		osed Rates			<u> </u>
	uri Public Service any: Missouri-Am				For the test	rear Ended Jur	10 30, 2009				. WR-2010-013 ule CAS-14-SJC
Distri	ct: St. Joseph										Revised Page 1 of 9
			Present Pro	Forma Rates			Pro	posed Pro For	ma Rates		
Line #		Customer				Customer					
	Description	Meter	Sales	Current	Total	Meter	Sales	Proposed	Total	Dollar	Percentage
1	-	Billings	('000 G <u>al)</u>	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
2	Residential:										
3	Minimum Charge:								•		
4	5/8" Monthly	307,016		\$8.95	\$2,747,794	307,016		\$15,00	\$4,605,242	\$1,857,448	67.60%
5	5/8" Low Income	11,366		\$8.95	\$101,724	11,366		\$9.75	\$110,816	\$9,092	8.94%
6	3/4" Monthly	15,646		11.46	179,300	15,646		19.20	300,397	121,097	67.54%
7	1" Monthly	7,746		16.24	125,798	7,746		27.21	210,774	84,976	67.55%
8	1-1/2" Monthly	73		28.25	2,062	73		47.32	3,454	1,392	67.51%
9	2" Monthly	178		42.65	7,570	178		71.44	12,681	5,111	67.52%
10	3" Monthly	12		76.23	907	12		127.67	1,519	612	67.48%
11	4" Monthly	0		124.19	0	0		208.02	0	0	0.00%
12	6" Monthly	0		244.12	0	0		408.90	0	0	0.00%
13	8" Monthly	٥		388.03	0	0		649.91	0	0	0.00%
14	10" Monthly			659.16	0			1,104.01	0	0	0.00%
15	12" Monthly			1,087.30	0			1,821.11	0	0	0.00%
16											
17 18	Volumetric Charge First Block	<u>25:</u>	4 007 007		0.000.000		4 007 007	<b>*</b> 4 0000	7 004 704	C40 074	10.050
10 19	Second Block		1,667,037	\$4.1288 4.1288	6,882,863		1,667,037	\$4.6800 4.6800	7,801,734	918,871	13.35% 13.35%
20	Third Block		5,369	4.1288 4.1288	22,167		5,369	4.6800	25,126	2,959	0.00%
	Fourth Block		0		0		0		0	0	0.00%
21 22	FAL's and Credits		0 D	4.1288	0		0	4.6800	0	0	0.00%
22	Reconcile to Book	•	U		U		U		U	u	0.00%
23 24	Reconcile to BOOK	3									
24 25											
26 26	Property tax Surch	aroe -	1,672,406	0.0000	- 0	-	1,672,406	0.0000	0	0	0.00%
20 27	Tropeny lax outor	- 10195	1,072,400	0.0000	U	-	1,072,400	0.0000	0	U	0.00%
	Total	-	1,672,406	-	\$10,070,185	-	1,672,406	-	\$13,071,743	\$3,001,558	29.81%
20	10(0)	-	1,012,400	=	ψ10,010,100	-	1,012,400	-	φ10,071,1 <del>1</del> 0		29.017





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				Test Year	Operating Rever	ues at Present I Year Ended Jur		osed Rates			
	uri Public Servic any: Missouri-An				<u>For the Test</u>	Tear Ended Jur	10 30, 2009				. WR-2010-0131 ule CAS-14-SJO Revised
Distric	et: St. Joseph									<u>.                                    </u>	Page 2 of 9
			Present Pro	Forma Rates			Pro	oposed Pro For	ma Rates		
Line #		Customer		_		Customer	_				
	Description	Meter	Sales	Current	Total	Meter	Sales	Proposed	Total	Dollar	Percentage
1	· · · ·	Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
2 3	Commercial:										
3 4	Minimum Charge 5/8" Monthly			¢0.05	¢204 296	22 400		¢15.00	6007 0E0	£126 DEE	67.60%
4 5	3/4" Monthly	22,490		\$8.95 \$11.46	\$201,286 21,718	22,490 1,895		\$15.00 \$10.20	\$337,352	\$136,066	67.54%
6	1" Monthly	1,895 4,733		\$11.46 616.24	76,866	4,733		\$19.20 \$27.21	36,386 128,788	14,668 51,922	67.55%
7	1-1/2" Monthly			\$16.24 \$19.05		4,733				19,554	67.50%
8		1,025		\$28.25	28,968 164,006			\$47.32	48,522		67.50%
9	2" Monthly	3,845		\$42.65		3,845		\$71.44	274,715	110,709	
9 10	3" Monthly	158		\$76.23	12,037	158		\$127.67	20,159	8,122	67.48%
	4" Monthly	143		\$124.19	17,772	143		\$208.02	29,768	11,996	67.50%
11 12	6" Monthly	36		\$244.12	8,715	36		\$408.90	14,598	5,883	67.50%
	8" Monthly	0		\$388.03	0	0		\$649.91	0	0	0.00%
13	10" Monthly			\$659.16	0			\$1,104.01	0	0,	0.00%
14	12" Monthly			\$1,087.30	0			\$1,821.11	0	0	0.00%
15 16											
	Malumatria Ohaan										
17	Volumetric Charg	est	505 004	£4.4074	0.000 407		505 004	£4.0400	0 400 000	400.000	4.000/
18	First Block		505,261	\$4.1374	2,090,467		505,261	\$4.3400	2,192,833	102,366	4.90%
19	Second Block		322,630	\$3.2131	1,036,641		322,630	\$3.8500	1,242,124	205,483	19.82%
	Third Block		34,462	\$2.6772	92,261		34,462	\$3.6100	124,407	32,146	34.84%
	Fourth Block		2,561	\$1.8259	4,675 0		2,561 0	\$2.2500	5,761	1,086	23.23%
	FAL's and Credits		0		U		U		0	0	0.00%
	Reconcile to Bool	KS									
24											
25	Deementer bere Druge	-	004.040	0.0000	0	-	004.042	0.0000	2		0.000/
26	Property tax Surc	narge -	864,913	0.0000	0	-	864,913	0.0000	0	0	0.00%
27	Tatal	-	004.040	_	CO 755 440	-	004.012	-	R. 455 440	6700.004	
	Total	-	864,913	-	\$3,755,412	=	864,913	=	\$4,455,413	\$700,001	18.64%
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39 40											
40				<u> </u>					<u></u>		J

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# Missouri Public Service Commission

District: St. Joseph

Company: Missouri-American Water Company

Case No.	WR-2010-0131
Schedul	le CAS-14-SJO

Revised Page 3 of 9 .

			Present Pro	Forma Rates			Pro	posed Pro For	ma Rates		
Line #	Class/ Description	Customer Meter Billings	Sales ('000 Gal)	Current Rate	Total Revenue	Customer Meter Billings	Sales ('000 Gal)	Proposed Rate	Total Revenue	Dollar Change	Percentage Change
2	Industrial:	¥									
3	Minimum Charge:										
4	5/8" Monthly	· 75		\$8.95	\$672	75		\$15.00	\$1,127	\$455	67.71%
5	3/4" Monthly	48		11.46	550	48		19.20	922	372	67,64%
6	1" Monthly	220		16.24	3,573	220		27.21	5,986	2,413	67.53%
7	1-1/2" Monthly	25		28,25	706	25		47.32	1,183	477	67.56%
8	2" Monthly	801		42.65	34,163	801		71.44	57,223	23,060	67.50%
	3" Monthly	37		76.23	2,821	37		127.67	4,724	1,903	67.46%
10	4" Monthly	167		124.19	20,740	167		208.02	34,739	13,999	67.50%
11	6" Monthly	71		244.12	17,333	, 71		408.90	29,032	11,699	67.50%
12	8" Monthly	0		388.03	0	0		649.91	0	0	0.00%
13	10" Monthly			659.16	0			1,104.01	0	0	0.00%
14	12" Monthly			1,087.30	0			1,821.11	0	0	0.00%
15											
16											
	Volumetric Charge	<u>BS:</u>									
	First Block		49,029	\$6.0650	297,361		49,029	\$4,3400	212,786	(84,575)	-28.44%
	Second Block		342,165	• 3,3975	1,162,506		342,165	3.8500	1,317,336	154,830	13.32%
	Third Block		218,741	2.0493	448,265		218,741	3.6100	789,654	341,389	76.16%
21	Fourth Block		439,729	1.6741	736,150		439,729	2.2500	989,390	253,240	34.40%
22	FAL's and Credits		(1,598)		(5,940)		(1,598)		(7,508)	(1,568)	26.39%
23	Reconcile to Book	s								•	
24											
25		_									
26		-	1,049,664	0.0000	0	-	1,049,664		0	0	0.00%
27		-				-					
	Total	-	1,048,067	-	\$2,718,900	-	1,048,067	-	\$3,436,594	\$717,694	26.40%
29		-		-		=		3			
30											
31											
32											
33											
34											
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37											
38											
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40											

				Test Year	Operating Rever	ues at Present I Year Ended Jur		osed Rates			
	uri Public Servic any: Missouri-An			<u> </u>	<u>For the rest</u>	Tear Enged Jul	10 30, 2009				. WR-2010-013 ule CAS-14-SJC Revised
Distric	ct: St. Joseph										Page 4 of 9
		Present Pro Forma Rates				Pro	posed Pro For	ma Rates			
Line #	Description	Customer Meter Billings	Sales ('000 Gal)	Current Rate	Total Revenue	Customer Meter Billings	Sales ('000 Gal)	Proposed Rate	Total Revenue	Dollar Change	Percentage Change
2	Triumph Foods										
3	Minimum Charge	-			<b>*</b> -				<b>^</b> -	<b>6</b> 0	
4 5	5/8" Monthly	0		\$8.95	\$0	0		\$15.00	\$0	\$0	0.00%
5 6	3/4" Monthly 1" Monthly	0		\$11.46	0	0	•	\$19.20	0	0	0.00%
7		0		\$16.24	0	0		\$27.21	0	0	0.00%
8	1-1/2" Monthly	0		\$28.25	0	0		\$47.32	0	0	0.00%
о 9	2" Monthly	0		\$42.65	0	0		\$71.44	0	0	0.00%
	3" Monthly	0		\$76.23	0	0		\$127.67	0	0	0.00%
	4" Monthly	0		\$124.19	0	0		\$208.02	0	0	0.00%
	6" Monthly	0		\$244.12	0	0		\$408.90	0	0	0.00%
	8" Monthly	24		\$388.03	9,313	24		\$649.91	15,598	6,285	67,49%
13	10" Monthly			\$659.16	0	0		\$1,104.01	0	0	0.00%
14	12" Monthly			\$1,087.30	0	0		\$1,821.11	0	0	0.00%
15 16											
	Volumetric Charg										
	First Block	<del>65.</del>	852,260	CO 5040			050.000	00 0040	407 000	•	0.000/
	Second Block		652,260 0	\$0.5013 \$0,5013	427,266 0		852,260	\$0.5013	427,266	0	0.00%
	Third Block		0		-		0	0.5013	0		0.00%
			-	0.5013	0		-	0.5013	0	0	0.00%
	Fourth Block		0	0.5013	0		0	0.5013	0	0	0.00%
	FAL's and Credits		0				0		0	0	0.00%
24	Reconcile to Book	(5	0				0				
	Property tax Surc	harge	852,260	0.0000	0	-	852,260	0.0000	0	0	0.00%
27 28	Total		852,260	_	\$436,579	-	852,260	-	\$442,864	\$6,285	1.44%
29	i otai	2	002,200	=	<b>400,070</b>	=	002,200	=	φ <del>44</del> 2,004	30,200	
29 30											
31 32											
32 33											
33 34											
34 35											
35 36											
36 37											
37 38											
30 39											
39 40											
40											



### Missouri Public Service Commission

Company: Missouri-American Water Company

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District	Cł.	loconh	

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Distric	t: St. Joseph			_							Page 5 of 9
			Present Pro	Forma Rates			Pro	posed Pro For	ma Rates		
Line #	Class/ Description	Customer Meter	Sales	Current	Total	Customer Meter	Sales	Proposed	Total	Dollar	Percentage
1		Billings	('000 Gal)	Rate	Revenue	Billings	('000 Gal)	Rate	Revenue	Change	Change
2	Other Public Aut				1						
	Minimum Charge:				•						
4	5/8" Monthly	484		\$8.95	\$4,328	484		\$15.00	\$7,254	\$2,926	67.61%
5	3/4" Monthly	165		11.46	1,891	165		19.20	3,168	1,277	67.53%
6	1" Monthly	431		16.24	6,999	431		27.21	11,728	4,729	67.57%
7	1-1/2" Monthly	217		28.25	6,130	217		47.32	10,268	4,138	67,50%
8	2" Monthly	1,045		42.65	44,569	1,045		71.44	74,655	30,086	67,50%
	3" Monthly	42		76.23	3,202	42		127.67	5,362	2,160	67.46%
	4" Monthly	72		<b>1</b> 24.19	8,942	72		208.02	14,977	6,035	67.49%
11	6" Monthly	8	•	244.12	1,953	8		408.90	3,271	1,318	67.49%
	8" Monthly	12		388.03	4,656	12		649.91	7,799	3,143	67.50%
	10" Monthly			659.16	0			1,104.01	0	0	0.00%
	12" Monthly			1,087.30	0			1,821.11	0	0	0.00%
15 16											
17	Volumetric Charge	es:									
18	First Block		64,010	\$4.1374	264,836		64,010	\$4.3400	277,805	12,969	4.90%
19	Second Block		70,327	3.2131	225,967		70,327	3.8500	270,758	<b>44</b> ,791	19.82%
20	Third Block		33,959	2.6772	90,914		33,959	3.6100	122,590	31,676	34,84%
21	Fourth Block		4,112	1.8259	7,509		4,112	2.2500	9,253	1,744	23.23%
22	FAL's and Credits		(459)		(1,829)		(459)		(2,229)	(400)	21.89%
23	Reconcile to Book	s								. ,	
24											
25											
	Property tax Surch	harge	172,408	0.0000	0	-	172,408	0.0000	0	0	0.00%
28	Total	-	171,949	-	\$670.067	-	171,949	-	\$816,659	\$146,592	21,88%
29 30											
31											
32									•		
33											
34											
35											
36											
37											
38 38										•	
30											

Case No. WR-2010-0131 Schedule CAS-14-SJO

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Revised

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	Test Year Operating Revenues at Present Rates vs Proposed Rates
	For the Test Year Ended June 30, 2009
1	Missouri Public Service Commission

Company: Missouri-American Water Company

39 40

Distric	t; St. Joseph										Page 6 of
			Present Pro	Forma Rates			Pre	oposed Pro For	ma Rates		
.ine #	Class/ Description	Customer Meter Billings	Sales ('000 Gal)	Current Rate	Total Revenue	Customer Meter Billings	Sales ('000 Gal)	Proposed Rate	Total Revenue	Dollar Change _	Percentage Change
2	Other Water Uti		<u> </u>								
3	Minimum Charge	<u>e:</u>									
	5/8" Monthly	0		\$8.95	\$0	0		\$15.00	<b>\$</b> 0	\$0	0.00%
	3/4" Monthly	0		11.46	0	0		19.20	Q	0	0.009
	1" Monthly	0		16.24	0	0		27.21	0	0	0.005
	1-1/2" Monthly	0		28.25	0	0		47.32	0	0	0.00
8	2" Monthly	132		42.65	5,630	132		71.44	9,430	3,800	67.50
9	3" Monthly	0		76.23	0	0		127.67	0	0	0.00
0	4" Monthly	60		124.19	7,451	60		208.02	12,481	5,030	67.51
1	6" Monthly	36		244.12	8,788	36		408.90	14,720	5,932	67.50
12	8" Monthly	0		388.03	0	0		649.91	0	0	0.00
3	10" Monthly			659.16	0	0		1,104.01	0	0	0.00
	12" Monthly			1,087.30	0	0		1,821.11	0	0	0.00
15											
16				•							
7	Volumetric Charg	ges:									
18	First Block		9,702	\$4,1374	40,141		9,702	\$4.3400	42,107	1,966	4.90%
9	Second Block		150,636	3.2131	484,008		150,636	3.8500	579,947	95,939	19.829
20	Third Block		204,654	2.6772	547,900		204,654	3.6100	738,801	190,901	34.84
21	Fourth Block		409,707	1.8259	748,084		409,707	2,2500	921,841	173,757	23.23
22	FAL's and Credit	s	28,354		58,566		28,354		73,740	15,174	25.91
23	Reconcile to Boo	iks									
24											
25											
	Property tax Sure	charge -	774,699	0.0000	0	-	774,699	0,0000	0	0	0.00%
27	• •	· ·	<u>-</u>				·				
	Total	-	803,053	-	\$1,900,568	-	803,053	-	\$2,393,067	\$492,499	25.919
9		-		5				=			
30											
31											
32											
33											
34											
35											
36 36											
30 37											
38											

Revised Page 6 of 9

Case No. WR-2010-0131

Schedule CAS-14-SJO

#### Missouri Public Service Commission

#### Company: Missouri-American Water Company

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#### Case No. WR-2010-0131 Schedule CAS-14-SJO Revised

#### District: St. Joseph

escription cellaneous: mum Charge: Monthly Monthly Ionthly 2" Monthly Ionthly Ionthly Ionthly	Customer Meter Billings 0 0 0 0 0 0 0	Sales ('000 Gal)	Current Rate \$8.95 11.46 16.24	Total Revenue \$0 0	Customer Meter Billings 0 0	Sales ('000 Gal)	Proposed Rate \$15.00	Total Revenue \$0	Dollar Change \$0	Percentage Change 0.00%
cellaneous: mum Charge: Monthly Monthly Ionthly 2" Monthly Ionthly Ionthly Ionthly	Billings 0 0 0 0 0 0		Rate \$8.95 11.46 16.24	Revenue \$0 0	Billings 0		Rate	Revenue	Change	Change
imum Charge: Monthly Monthly Ionthly 2" Monthly Ionthly Ionthly Ionthly	0 0 0 0 0 0	('000 Gal)	\$8.95 11.46 16.24	\$0 0	0	('000 Gal)				
imum Charge: Monthly Monthly Ionthly 2" Monthly Ionthly Ionthly Ionthly	0 0 0		11,46 16.24	0			\$15.00	\$0	\$0	0.00%
Monthly Monthly Ionthly 2" Monthly Ionthly Ionthly Ionthly	0 0 0		11,46 16.24	0			\$15.00	\$0	\$0	0.00%
Monthly Ionthly 2" Monthly Ionthly Ionthly Ionthly	0 0 0		11,46 16.24	0			\$15.00	\$0	\$0	0.00%
Ionthly 2" Monthly Ionthly Ionthly Ionthly	0 0 0		16.24	-	n					
2" Monthly Ionthly Ionthly Ionthly	0 0						19.20	0	0	0.00%
fonthly Ionthly Ionthly	-			0	0		27.21	0	0	0.00%
Ionthly Ionthly	-		28.25	0	0		47.32	0	0	0.00%
Ionthly	~		42.65	0	0		71.44	0	0	0.00%
	U		76.23	0	0		127.67	0	0	0.00%
	0		124.19	0	0		208.02	0	0	0.00%
tonthiy	0			0	0		408.90	0	0	0.00%
Ionthly	0			0	0		649.91	0	0	0.00%
Monthly	0			0	0		1,104.01	0	0	0.00%
Monthly	0		1,087.30	0	0		1,821,11	0	0	0.00%
metric Charges	<u>s:</u>									
Block		0	\$0.0000	0		0	\$0.0000	0	0	0.00%
ond Block		0	0.0000	0		0	0.0000	0	. 0	0.00%
d Block		0	0.0000	0		0	0.0000	0	0	0.00%
th Block		0	0.0000	0		0	0.0000	0	0	0.00%
's and Credits		0		0		0		0	0	0.00%
oncile to Books	i								0	0.00%
d		0	_	\$0	-	0		\$0	\$0	0.00%
	=				-					
	,									
in the production of the second secon	onthly tonthly tonthly tonthly tonthly <u>netric Charge</u> Block Block Block h Block and Credits	onthly 0 onthly 0 fonthly 0 fonthly 0 netric Charges: Block Block Block Block h Block and Credits	onthly 0 onthly 0 tonthly 0 tonthly 0 tonthly 0 metric Charges: Block 0 Block 0 Block 0 block 0 block 0 and Credits 0 ncile to Books	onthly   0   244.12     onthly   0   388.03     tonthly   0   659.16     tonthly   0   1,087.30     metric Charges:   Block   0   0.0000     Block   0   0.0000   0.0000     Block   0   0.0000   0.0000     Block   0   0.0000   0.0000     Block   0   0.0000   0.0000     ncile to Books   0   0.0000   0.0000	O   244.12   O     Donthly   0   388.03   0     Ionthly   0   659.16   0     Ionthly   0   1,087.30   0     metric Charges:   0   0   0     Block   0   \$0.0000   0     nd Block   0   0.0000   0     Block   0   0.0000   0     nd Block   0   0.0000   0     ncile to Books   0   0   0	O   244.12   O   D     Donthly   0   388.03   0   0     Ionthly   0   659.16   0   0     Ionthly   0   1,087.30   0   0     Inetric Charges:   Image: Charges:   Image: Charges:   Image: Charges:   Image: Charges:   Image: Charges: Charges:   Image: Charges: Charges:   Image: Charges: Charges: Charges: Charges:   Image: Charges: Charg	D   244.12   0   D     Donthly   0   388.03   0   0     Ionthly   0   659.16   0   0     Ionthly   0   1,087.30   0   0     metric Charges:   Block   0   \$0.0000   0   0     Block   0   0.0000   0   0   0   0     Block   0   0.0000   0   0   0   0     Block   0   0.0000   0   0   0   0   0     Block   0   0.0000   0   0   0   0   0     Block   0   0.0000   0   0   0   0   0     and Credits   0   0   0   0   0   0	Donthly   D   244.12   O   D   408.90     Donthly   D   388.03   D   D   649.91     tonthly   D   659.16   D   D   1,104.01     tonthly   D   1,087.30   D   D   1,821.11     metric Charges:   Block   D   S0.0000   D   D   \$0.0000     Block   D   0.0000   D   D   0.0000   D   0.0000   D   0.0000   D   D   0.0000   D   D   0.0000   D	D   244.12   0   0   408.90   0     Donthly   0   388.03   0   0   649.91   0     Ionthly   0   659.16   0   0   1,104.01   0     Ionthly   0   1,087.30   0   0   1,821.11   0	O   244.12   O   O   408.90   O   O     ponthly   0   388.03   0   0   649.91   0   0     tonthly   0   659.16   0   0   1,104.01   0   0     tonthly   0   1,087.30   0   0   1,821.11   0   0     metric Charges:   Block   0   \$0.0000   0   0   \$0.0000   0   0     Block   0   0.0000   0   0   0.0000   0

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Page 7 of 9

#### Missouri Public Service Commission

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Company: Missouri-American Water Company

Case No. WR-2010-0131 Schedule CAS-14-SJO

Revised Page 8 of 9 .

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<u>)istric</u>	t: St. Joseph							Page 8 of
		()) <u>(</u> ))	Presen	it Rates	Propose	d Rates		
ine # 1	Connection Size	Number of Connections	Annual Rate	Total Revenue	Annual Rate	Total Revenue	Dollar Change	Percentage Change
	Private Fire Service:							
3 4 5	Private Fire Hydrant	57	\$582.00	\$33,349	751.68	\$43,071	\$9,722	29.15
	2"	9	83.40	751	107.76	970	219	29.16
	3"	1	143.28	143	185.04	185	42	29,3
	4"	84	227.40	19,102	293.64	24,666	5,564	29,13
	6"	160	466.44	74,630	602.40	96,384	21,754	29.1
	8"	101	802,44	81,046	1,036.32	104,668	23,622	29.1
7	10" •	18	1,233.48	22,203	1,593.00	28,674	6,471	29.1
9	12"	11	1,758.84	19,347	2,271.48	24,986	5,639	29.1
1	FAL's and Credits		_	22	_	28	6	28.7
2 3 4 5	Total	441	-	\$250,593		\$323,632	<u> </u>	29.1
	Public Fire Protection:							
	Public Fire Hydrants	3,063	0.00 =	0	0.00	0	0	0.00
1 2								
3 4								
5 5 7								
, 8 9								
0								

	Test Year Operating Revenues at Present Rates vs Proposed Rates For the Test Year Ended June 30, 2009	· · · · · · · · · · · ·
Missouri Public Service Commission Company: Missouri-American Water Company		

t: St. Joseph										Page 9 of
		Present Pro	Forma Rates			Pro	posed Pro For	ma Rates		
Class/ Description	Customer Meter Billings	Sales ('000 Gal)	Current Rate	Total Revenue	Customer Meter Billings	Sales ('000 Gal)	Proposed Rate	Total Revenue	Dollar Change	Percentage Change
Nestle Purina	Ŭ									
Minimum Charge:										
5/8" Monthly	0		\$8.95	\$0	0		\$15,00	\$0	\$0	0.00
3/4" Monthly	0		\$11.46	0	0		\$19.20	0	0	0.00
1" Monthly	9.00		\$16.24	146	9		\$27.21	245	99	67.81
1-1/2" Monthly	0		\$28.25	0	0		\$47.32	0	0	0.00
2" Monthly	0		\$42.65	0	0		\$71.44	0	0	0.00
3" Monthly	0		\$76.23	0	0		\$127.67	0	0	0.00
4" Monthly	27		\$124.19	3,353	27		\$208.02	5,617	2,264	67.5
6" Monthly	0		\$244.12	0	0		\$408.90	0	0	0.0
8" Monthly	0		\$388.03	0	0		\$649,91	0	0	0.0
	<u>s:</u>									
			•			908		3,940	(1,566)	-28.4
				58,305		17,161	\$3.8500	66,070	7,765	13.3
				55,536		27,100	\$3.6100	97,831	42,295	76.1
Fourth Block				130,232		77,792	\$2.2500	175,032	44,800	34.4
Fifth Block		19,525	0.8342	16,288		19,525	\$2.0000	39,050	22,762	139.7
FAL's and Credits		0				. <b>O</b>		0	0	0.0
Reconcile to Books	5	0				0				
	_		_							
	_	142,486	0.0000 _	265,867	-	142,486	0.0000	381,923	116,056	43.6
	_		_		-		_			
Total	-	142,486		\$269,366	-	142,486	_	\$387,785	\$118,419	43.96
	-		-		-		-			
									•	
	Class/ Description Nestle Purina Minimum Charge: 5/8" Monthly 3/4" Monthly 1" Monthly 1" Monthly 2" Monthly 3" Monthly 3" Monthly 6" Monthly 6" Monthly 8" Monthly 8" Monthly 8" Monthly 5" Monthly 8" Monthly 5" Monthly 8" Monthly 5" Monthly 8" Monthly 5" Monthly 6" Address Charge First Block Second Block Fourth Block Fourth Block FAL's and Credits Reconcile to Books	Class/ Customer   Description Meter   Billings Nestle Purina   Minimum Charge: 5/8" Monthly 0   5/8" Monthly 0   3/4" Monthly 0   1" Monthly 9.00   1-1/2" Monthly 0   2" Monthly 0   3" Monthly 0   3" Monthly 0   4" Monthly 0   3" Monthly 0   8" Monthly 0   8" Monthly 0   Volumetric Charges:   First Block   Second Block   Fourth Block   Fourth Block   FAL's and Credits   Reconcile to Books	Present Pro   Class/ Customer   Description Meter Sales   Billings ('000 Gal)   Nestle Purina Minimum Charge:   5/8" Monthly 0 3/4" Monthly   3/4" Monthly 0 1" Monthly 0   1" Monthly 9.00 1-1/2" Monthly 0   2" Monthly 0 3" Monthly 0   3" Monthly 0 3" Monthly 0   3" Monthly 0 3" Monthly 0   4" Monthly 0 8" Monthly 0   8" Monthly 0 0 0   Volumetric Charges: First Block 908   Second Block 17,161 17,161   Third Block 27,100 19,525   FAL's and Credits 0 0   Reconcile to Books 0 142,486	Class/   Customer   Sales   Current     Description   Meter   Sales   Current     Billings   ('000 Gal)   Rate     Nestle Purina   Minimum Charge:   5/8" Monthly   0   \$8.95     5/8" Monthly   0   \$11.46   \$1" Monthly   0   \$14.24     1" Monthly   9.00   \$16.24   \$1.46   \$1" Monthly   0   \$28.25     2" Monthly   0   \$28.25   \$2" Monthly   0   \$42.65     3" Monthly   0   \$42.65   \$3" Monthly   0   \$42.65     3" Monthly   0   \$42.65   \$3" Monthly   0   \$42.65     3" Monthly   0   \$42.65   \$3" Monthly   0   \$42.65     3" Monthly   0   \$388.03   \$124.19   \$3" Stat.12   \$3" Stat.12     6" Monthly   0   \$388.03   \$3" Stat.12   \$3" Stat.12   \$3" Stat.12     Fourth Block   17,161   \$3.3975   \$1.6741   \$1" Stat.22   \$1.6741     Fifth Bl	Present Pro Forma Rates     Class/   Customer Billings   Current ('000 Gal)   Total Rate     Nestle Purina   Minimum Charge: 5/8" Monthly   0   \$8.95   \$0     3/4" Monthly   0   \$11.46   0     1" Monthly   0   \$12.25   0     2" Monthly   0   \$28.25   0     3" Monthly   0   \$28.25   0     3" Monthly   0   \$28.25   0     4" Monthly   0   \$28.25   0     3" Monthly   0   \$28.25   0     4" Monthly   0   \$376.23   0     4" Monthly   0   \$244.12   0     8" Monthly   0   \$244.12   0     8" Monthly   0   \$388.03   0     Volumetric Charges:     First Block   27,100 <t< td=""><td>Present Pro Forma Rates     Class/ Description   Customer Meter   Sales   Current   Total   Customer Meter     Billings   ('000 Gal)   Rate   Revenue   Billings     Meter Bullings   ('000 Gal)   Rate   Revenue   Billings     Minimum Charge:   5/8" Monthly   0   \$8.95   \$0   0     3/4" Monthly   0   \$11.46   0   0     3/4" Monthly   0   \$16.24   146   9     1-1/2" Monthly   0   \$28.25   0   0     2" Monthly   0   \$28.25   0   0     2" Monthly   0   \$28.25   0   0     2" Monthly   0   \$28.25   0   0     3" Monthly   0   \$28.25   0   0     2" Monthly   0   \$28.25   0   0     3" Monthly   0   \$244.12   0   0     8" Monthly   0   \$2.0493   55.536     Fourth Block</td><td>Present Pro Forma Rates   Providential   Providenia   Providential    Pro</td><td>Present Pro Forma Rates   Proposed Pro Forma     Class/   Customer   Sales   Current   Total   Meter   Sales   Proposed   Proposed</td><td>Present Pro Forma Rates   Proposed Pro Forma Rates     Class/ Description   Customer Meter   Sales Sales   Current Customer   Total Rate   Proposed Total Meter   Proposed Total Sales     Nastle Purina   Billings   ('000 Gal)   Rate   Revenue   Billings   ('000 Gal)   Rate   Revenue     Nastle Purina   Sillings   ('000 Gal)   Rate   Revenue   Billings   ('000 Gal)   Rate   Revenue     Sillings   0   \$15.00   \$0   \$15.00   \$0     3/4 'Monthly   0   \$14.46   0   0   \$19.20   0     1/12'' Monthly   0   \$28.25   0   0   \$71.44   0     2'' Monthly   0   \$76.23   0   0   \$127.67   0     4'' Monthly   27   \$124.19   3.353   27   \$208.02   5.617     6'' Monthly   0   \$244.12   0   0   \$408.90   0     8'' Monthly   0   \$388.03   0   0   \$649.91</td><td>Present Pro Forma Rates   Proposed Pro Forma Rates     Class/ Description   Customer Meter   Sales (000 Gal)   Current Rate   Total Revenue   Proposed   Total   Dollar     Nestle Purina   Billings   (000 Gal)   Rate   Revenue   Billings   (000 Gal)   Rate   Revenue   Change     5/8" Monthly   0   \$11.46   0   0   \$19.20   0   0     1'M conthly   9.00   \$16.24   146   9   \$27.21   245   99     1'M conthly   0   \$16.23   0   0   \$71.44   0   0     2" Monthly   0   \$124.19   3.353   27   \$208.02   5,617   2.284     6" Monthly   0   \$388.03   0   0   \$408.90   0   0     4" Monthly   0   \$242.419   3.353   27   \$208.02   5,617   2.284     6" Monthly   0   \$388.03   0   0   \$488.90   0   0     Volumetric Charg</td></t<>	Present Pro Forma Rates     Class/ Description   Customer Meter   Sales   Current   Total   Customer Meter     Billings   ('000 Gal)   Rate   Revenue   Billings     Meter Bullings   ('000 Gal)   Rate   Revenue   Billings     Minimum Charge:   5/8" Monthly   0   \$8.95   \$0   0     3/4" Monthly   0   \$11.46   0   0     3/4" Monthly   0   \$16.24   146   9     1-1/2" Monthly   0   \$28.25   0   0     2" Monthly   0   \$28.25   0   0     2" Monthly   0   \$28.25   0   0     2" Monthly   0   \$28.25   0   0     3" Monthly   0   \$28.25   0   0     2" Monthly   0   \$28.25   0   0     3" Monthly   0   \$244.12   0   0     8" Monthly   0   \$2.0493   55.536     Fourth Block	Present Pro Forma Rates   Providential   Providenia   Providential    Pro	Present Pro Forma Rates   Proposed Pro Forma     Class/   Customer   Sales   Current   Total   Meter   Sales   Proposed   Proposed	Present Pro Forma Rates   Proposed Pro Forma Rates     Class/ Description   Customer Meter   Sales Sales   Current Customer   Total Rate   Proposed Total Meter   Proposed Total Sales     Nastle Purina   Billings   ('000 Gal)   Rate   Revenue   Billings   ('000 Gal)   Rate   Revenue     Nastle Purina   Sillings   ('000 Gal)   Rate   Revenue   Billings   ('000 Gal)   Rate   Revenue     Sillings   0   \$15.00   \$0   \$15.00   \$0     3/4 'Monthly   0   \$14.46   0   0   \$19.20   0     1/12'' Monthly   0   \$28.25   0   0   \$71.44   0     2'' Monthly   0   \$76.23   0   0   \$127.67   0     4'' Monthly   27   \$124.19   3.353   27   \$208.02   5.617     6'' Monthly   0   \$244.12   0   0   \$408.90   0     8'' Monthly   0   \$388.03   0   0   \$649.91	Present Pro Forma Rates   Proposed Pro Forma Rates     Class/ Description   Customer Meter   Sales (000 Gal)   Current Rate   Total Revenue   Proposed   Total   Dollar     Nestle Purina   Billings   (000 Gal)   Rate   Revenue   Billings   (000 Gal)   Rate   Revenue   Change     5/8" Monthly   0   \$11.46   0   0   \$19.20   0   0     1'M conthly   9.00   \$16.24   146   9   \$27.21   245   99     1'M conthly   0   \$16.23   0   0   \$71.44   0   0     2" Monthly   0   \$124.19   3.353   27   \$208.02   5,617   2.284     6" Monthly   0   \$388.03   0   0   \$408.90   0   0     4" Monthly   0   \$242.419   3.353   27   \$208.02   5,617   2.284     6" Monthly   0   \$388.03   0   0   \$488.90   0   0     Volumetric Charg

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Case No. WR-2010-0131 Schedule CAS-14-SJO 11