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

Date: December 17, 2009

## MISSOURI PUBLIC SERVICE COMMISSION

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** 

#### 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. WR-2010-0131 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.

State of Missouri **County of St. Louis** 

SUBSCRIBED and sworn to

Before me this /b day of December 2009.

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

1	Q.	PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
2	A.	Donald J. Petry, 727 Craig Road, St. Louis, Missouri 63141.
3		
4	Q.	ARE YOU THE SAME DONALD J. PETRY THAT PREVIOUSLY FILED
5		DIRECT TESTIMONY IN THIS PROCEEDING?
6	A.	Yes, I am.
7		
8	Q.	WHAT IS THE PURPOSE OF YOUR FIRST SUPPLEMENT TO DIRECT
9		TESTIMONY IN THIS PROCEEDING?
10	A.	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		
19	Q.	WERE THESE SCHEDULES PREPARED BY YOU OR UNDER YOUR
20		SUPERVISION?

1	A.	Yes, they were.
2		
3	Q.	HAVE YOU READ THE FIRST SUPPLEMENT TO DIRECT TESTIMONY
4		OF COMPANY WITNESS PAUL R. HERBERT?
5	A.	Yes, I have.
6		
7	Q.	BRIEFLY DESCRIBE THE CHANGES TO THE SCHEDULES.
8	A.	These changes apply only to the St Joseph District. Appendix 'A' (MFR) Item
9		1 p. 2 of 2, Revised, revises the Aggregate Annual Increase for the St.
10		Joseph District; Appendix 'A' (MFR) Item 4 p. 6 of 13, Revised, revises the
11		Average Increase By Customer Classification for the St. Joseph District;
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 revenues 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.

## 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 #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 New Rates	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	\$25,327,757	\$5,256,087	26.19%

Missouri Public Service Commission Company: Missouri-American Water Company Case No. WR-2010-0131 Schedule CAS-13-SJO Revised Page 1 of 1

District: St. Joseph

		Present Pro	Forma Rates	Proposed Pro I	Forma Rates		
Line #	class/			<del></del>			
	Description	Sales	Total	Sales	Total	Dollar	Percentage
1		('000 Gal)	Revenue	('000 Gal)	Revenue	Change	Change
2	Monthly Billing:						
3							
4	Residential	1,672,406	\$10,070,185	1,672,406	\$13,071,743	\$3,001,558	29.81%
5	Commercial	864,913	3,755,412	864,913	4,455,413	700,001	18.64%
6	Industrial	2,042,813	3,424,845	2,042,813	4,267,243	842,398	24.60%
8	Other Public Authority	171,949	670,067	171,949	816,659	146,592	21.88%
9	Other Water Utilities	803,053	1,900,568	803,053	2,393,067	492,499	25.91%
10	Miscellaneous	0	0	0	0	0	0.00%
11	Private Fire	0	250,593	0	323,632	73,039	29.15%
12	Public Fire	0	0	0	0	0	0.00%
13	Total	5,555,133	20,071,670	5,555,133	25,327,757	\$5,256,087	26.19%
14	•						
15							
16	Miscellaneous Revenues:						
17							
18	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%
21	Miscellaneous Other Revenue		223,158		223,158	0	0.00%
22	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							

Missouri Public Service Commission Company: Missouri-American Water Company Case No. WR-2010-0131 Schedule CAS-14-SJO Revised Page 1 of 9

District: St. Joseph

טוטנוונ	i. St. Joseph										rage i oi s
	_		Present Pro	Forma Rates		( <del></del>	Proposed Pro Forma 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	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	0		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	Volumetric Charge	<u>es:</u>									
18	First Block		1,667,037	\$4.1288	6,882,863		1,667,037	\$4.6800	7,801,734	918,871	13.35%
19	Second Block		5,369	4.1288	22,167		5,369	4.6800	25,126	2,959	13.35%
20	Third Block		0	4.1288	0		0	4.6800	0	0	0.00%
21	Fourth Block		0	4.1288	0		0	4.6800	0	0	0.00%
	FAL's and Credits		0		0		0		0	0	0.00%
23	Reconcile to Book	is .									
24											
25	5		4.070.465	0.0000	_		4.070.465	0.0055	_	_	0.555
26	Property tax Surch	narge	1,672,406	0.0000	0		1,672,406	0.0000	0	0	0.00%
27	Tatal		4 070 400	_	£40.070.405		4 070 400	_	Φ40 074 740	Φ0 004 FF0	00.040/
28	Total	:	1,672,406	=	\$10,070,185		1,672,406	=	\$13,071,743	\$3,001,558	29.81%
29											

Missouri Public Service Commission Company: Missouri-American Water Company Case No. WR-2010-0131 Schedule CAS-14-SJO Revised Page 2 of 9

District: St. Joseph

	ot. ot. oosepii		Present Pro	Forma Rates			Proposed Pro Forma Rates				1 age 2 01 3
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	Commercial:					·			<u> </u>	· · · · · · · · · · · · · · · · · · ·	
3	Minimum Charge:										
4	5/8" Monthly	22,490		\$8.95	\$201,286	22,490		\$15.00	\$337,352	\$136,066	67.60%
5	3/4" Monthly	1,895		\$11.46	21,718	1,895		\$19.20	36,386	14,668	67.54%
6	1" Monthly	4,733		\$16.24	76,866	4,733		\$27.21	128,788	51,922	67.55%
7	1-1/2" Monthly	1,025		\$28.25	28,968	1,025		\$47.32	48,522	19,554	67.50%
8	2" Monthly	3,845		\$42.65	164,006	3,845		\$71.44	274,715	110,709	67.50%
9	3" Monthly	158		\$76.23	12,037	158		\$127.67	20,159	8,122	67.48%
10	4" Monthly	143		\$124.19	17,772	143		\$208.02	29,768	11,996	67.50%
11	6" Monthly	36		\$244.12	8,715	36		\$408.90	14,598	5,883	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											
17	Volumetric Charge	es:									
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%
20	Third Block		34,462	\$2.6772	92,261		34,462	\$3.6100	124,407	32,146	34.84%
21	Fourth Block		2,561	\$1.8259	4,675		2,561	\$2.2500	5,761	1,086	23.23%
22	FAL's and Credits		0		0		0		0	0	0.00%
23	Reconcile to Book	(S									
24											
25											
26	Property tax Surch	harge	864,913	0.0000	0		864,913	0.0000	0	0	0.00%
27				_				_			
28	Total		864,913	_	\$3,755,412		864,913	_	\$4,455,413	\$700,001	18.64%
29		•		_				_			

Missouri Public Service Commission Company: Missouri-American Water Company Case No. WR-2010-0131 Schedule CAS-14-SJO Revised Page 3 of 9

District: St. Joseph

ווופוע	i. St. Joseph		Present Pro	Forma Pates			Proposed Pro Forma Rates				rage 3 01 9
Line #	Class/	Customer	FIESEIII PIO	roillia Rales		Customer	PIC	pposeu Pio Foii	IIA NAIES		
LIIIE#	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	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%
9	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											
17	Volumetric Charge	es:									
18	First Block		49,029	\$6.0650	297,361		49,029	\$4.3400	212,786	(84,575)	-28.44%
19	Second Block		342,165	3.3975	1,162,506		342,165	3.8500	1,317,336	154,830	13.32%
20	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 Books	S					, ,		, , ,	, ,	
24											
25											
26		•	1,049,664	0.0000	0		1,049,664		0	0	0.00%
27		•			-				-	_	
28	Total	•	1,048,067	_	\$2,718,900		1,048,067	-	\$3,436,594	\$717,694	26.40%
29		:	<u> </u>	=	· ·			=	· ·		
_0											

Missouri Public Service Commission Company: Missouri-American Water Company Case No. WR-2010-0131 Schedule CAS-14-SJO Revised Page 4 of 9

District: St. Joseph

	<u> </u>		Present Pro	Forma Rates			Proposed Pro Forma 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	Triumph Foods	Dillings	(000 Gai)	Nate	Revenue	Dillings	(000 Gai)	Nate	Revenue	Change	Change
3	Triumph Foods  Minimum Charge:										
4	5/8" Monthly	0		\$8.95	\$0	0		\$15.00	\$0	\$0	0.00%
5	3/4" Monthly	0		\$11.46	0	0		\$19.20	0	0	0.00%
6	1" Monthly	0		\$16.24	0	0		\$27.21	0	0	0.00%
7	1-1/2" Monthly	0		\$28.25	0	0		\$47.32	0	0	0.00%
8	2" Monthly	0		\$42.65	0	0		\$71.44	0	0	0.00%
9	3" Monthly	0		\$76.23	0	0		\$127.67	0	0	0.00%
10	4" Monthly	0		\$124.19	0	0		\$208.02	0	0	0.00%
11	6" Monthly	0		\$244.12	0	0		\$408.90	0	0	0.00%
12	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	0,200	0.00%
14	12" Monthly			\$1,087.30	0	0		\$1,821.11	0	0	0.00%
15	,			ψ.,σσσσ	· ·	· ·		Ψ.,οΞ	· ·	· ·	
16											
17	Volumetric Charge	es:									
18	First Block	<del></del>	852,260	\$0.5013	427,266		852,260	\$0.5013	427,266	0	0.00%
19	Second Block		0	\$0.5013	0		0	0.5013	0	0	0.00%
20	Third Block		0	0.5013	0		0	0.5013	0	0	0.00%
21	Fourth Block		0	0.5013	0		0	0.5013	0	0	0.00%
22	FAL's and Credits		0				0		0	0	0.00%
23	Reconcile to Book	S	0				0				
24											
25											
26	Property tax Surch	narge	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			_	=				-			

Missouri Public Service Commission Company: Missouri-American Water Company Case No. WR-2010-0131 Schedule CAS-14-SJO Revised Page 5 of 9

District: St. Joseph

DISTIIC	t: St. Joseph										Page 5 of 9
	_		Present Pro	Forma Rates			Proposed Pro Forma 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	Other Public Autl	hority:	,				,				
3	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%
9	3" Monthly	42		76.23	3,202	42		127.67	5,362	2,160	67.46%
10	4" Monthly	72		124.19	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%
12	8" Monthly	12		388.03	4,656	12		649.91	7,799	3,143	67.50%
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>es:</u>									
_	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	44,791	19.82%
	Third Block		33,959	2.6772	90,914		33,959	3.6100	122,590	31,676	34.84%
	Fourth Block		4,112	1.8259	7,509		4,112	2.2500	9,253	1,744	23.23%
	FAL's and Credits		(459)		(1,829)		(459)		(2,229)	(400)	21.89%
_	Reconcile to Book	(S									
24											
25 26	Proporty toy Curch	oorgo	172,408	0.0000	0		172 109	0.0000	0	0	0.009/
26 27	Property tax Surch	iaiye	172,408	0.0000	U		172,408	0.0000	0	0	0.00%
	Total		171,949	_	\$670,067		171,949	_	\$816,659	\$146,592	21.88%
	lotal		171,348	=	φ010,001		171,549	=	φοτο,συθ	ψ140,332	21.00%
29											

Missouri Public Service Commission Company: Missouri-American Water Company Case No. WR-2010-0131 Schedule CAS-14-SJO Revised Page 6 of 9

District: St. Joseph

	t. St. Joseph		Present Pro	Forma Rates			Proposed Pro Forma Rates				rage 6 01 9
Line #	Class/ 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 Utilitie		,				,				
3	Minimum Charge:										
4	5/8" Monthly	0		\$8.95	\$0	0		\$15.00	\$0	\$0	0.009
5	3/4" Monthly	0		11.46	0	0		19.20	0	0	0.009
6	1" Monthly	0		16.24	0	0		27.21	0	0	0.009
7	1-1/2" Monthly	0		28.25	0	0		47.32	0	0	0.009
8	2" Monthly	132		42.65	5,630	132		71.44	9,430	3,800	67.509
9	3" Monthly	0		76.23	0	0		127.67	0	0	0.009
10	4" Monthly	60		124.19	7,451	60		208.02	12,481	5,030	67.519
11	6" Monthly	36		244.12	8,788	36		408.90	14,720	5,932	67.509
12	8" Monthly	0		388.03	0	0		649.91	0	0	0.009
13	10" Monthly			659.16	0	0		1,104.01	0	0	0.009
14	12" Monthly			1,087.30	0	0		1,821.11	0	0	0.009
15											
16											
17	Volumetric Charges	<u>s:</u>									
18	First Block		9,702	\$4.1374	40,141		9,702	\$4.3400	42,107	1,966	4.909
-	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	34.849
21	Fourth Block		409,707	1.8259	748,084		409,707	2.2500	921,841	173,757	23.239
22	FAL's and Credits		28,354		58,566		28,354		73,740	15,174	25.919
23	Reconcile to Books										
24											
25		<u>-</u>									
	Property tax Surcha	arge	774,699	0.0000	0		774,699	0.0000	0	0	0.00
27		-		<u>_</u>				<u>_</u>			
28	Total	-	803,053	_	\$1,900,568		803,053	_	\$2,393,067	\$492,499	25.919
29		-		-		,		-			

Missouri Public Service Commission Company: Missouri-American Water Company Case No. WR-2010-0131 Schedule CAS-14-SJO Revised Page 7 of 9

District: St. Joseph

	ж. он оссори	Present Pro Forma Rates					Proposed Pro Forma Rates				1 490 7 0. 0
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	Miscellaneous:										
3	Minimum Charge:										
4	5/8" Monthly	0		\$8.95	\$0	0		\$15.00	\$0	\$0	0.00%
5	3/4" Monthly	0		11.46	0	0		19.20	0	0	0.00%
6	1" Monthly	0		16.24	0	0		27.21	0	0	0.00%
7	1-1/2" Monthly	0		28.25	0	0		47.32	0	0	0.00%
8	2" Monthly	0		42.65	0	0		71.44	0	0	0.00%
9	3" Monthly	0		76.23	0	0		127.67	0	0	0.00%
10	4" Monthly	0		124.19	0	0		208.02	0	0	0.00%
11	6" Monthly	0		244.12	0	0		408.90	0	0	0.00%
12	8" Monthly	0		388.03	0	0		649.91	0	0	0.00%
13	10" Monthly	0		659.16	0	0		1,104.01	0	0	0.00%
14 15	12" Monthly	0		1,087.30	0	0		1,821.11	0	0	0.00%
16											
17	Volumetric Charge	es:									
18	First Block		0	\$0.0000	0		0	\$0.0000	0	0	0.00%
19	Second Block		0	0.0000	0		0	0.0000	0	0	0.00%
20	Third Block		0	0.0000	0		0	0.0000	0	0	0.00%
21	Fourth Block		0	0.0000	0		0	0.0000	0	0	0.00%
22	FAL's and Credits	;	0		0		0		0	0	0.00%
23	Reconcile to Book	<b>KS</b>		_				_		0	0.00%
24	Total		0	_	\$0		0	_	\$0	\$0	0.00%
25				=							

Missouri Public Service Commission Company: Missouri-American Water Company Case No. WR-2010-0131 Schedule CAS-14-SJO Revised Page 8 of 9

District: St. Joseph

Size			_	Presen	t Rates	Propose	ed Rates		
Connections   Rate   Revenue   Rate   Revenue   Rate   Revenue   Rate   Revenue   Change   Change   Change	Line #								
Private Fire Service:    Private Fire Hydrant   57   \$582.00   \$33,349   751.68   \$43,071   \$9,722   29.15%		Size							
Private Fire Hydrant   57   \$582.00   \$33,349   751.68   \$43,071   \$9,722   29.15%   5   5   5   5   5   5   5   5   5	1		Connections	Rate	Revenue	Rate	Revenue	Change	Change
4         Private Fire Hydrant         57         \$582.00         \$33,349         751.68         \$43,071         \$9,722         29.15%           6         2"         9         83.40         751         107.76         970         219         29.16%           7         8         3"         1         143.28         143         185.04         185         42         29.37%           9         8         42         27.74         19.102         293.64         24.666         5,564         29.13%           10         4"         84         227.40         19.102         293.64         24.666         5,564         29.13%           12         6"         160         466.44         74,630         602.40         96,384         21,754         29.15%           13         10"         80.244         81,046         1,036.32         104,668         23,622         29.15%           15         15         15         15         22         28,674         6.471         29.14%           15         18         1,233.48         22,203         1,593.00         28,674         6.471         29.15%           16         10"         11         1,758.84 </td <td></td> <td>Private Fire Service:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		Private Fire Service:							
5         2"         9         83.40         751         107.76         970         219         29.16%           8         3"         1         143.28         143         185.04         185         42         29.37%           9         84         227.40         19,102         293.64         24,666         5,564         29.13%           11         6"         160         466.44         74,630         602.40         96,384         21,754         29.15%           15         10"         18         1,233.48         22,203         1,036.32         104,668         23,622         29.15%           15         10"         18         1,233.48         22,203         1,593.00         28,674         6,471         29.14%           17         18         12"         11         1,758.84         19,347         2,271.48         24,986         5,639         29,15%           19         20         FAL's and Credits         2         28         6         28.79%           22         Total         441         \$250,593         \$323,632         \$73,039         29,15%           26         Public Fire Protection:         2         2         2	3								
6 2" 9 83.40 751 107.6 970 219 29.16% 7  8 3" 1 143.28 143 185.04 185 42 29.37% 9  10 4" 84 227.40 19.102 293.64 24,666 5.564 29.13% 11 160 466.44 74,630 602.40 96,384 21,754 29.15% 13  12 6" 101 802.44 81,046 1,036.32 104,668 23,622 29.15% 15  16 10" 18 1,233.48 22,203 1,593.00 28,674 6,471 29.14% 17  17 18 12" 11 1,758.84 19,347 2,271.48 24,986 5,639 29.15% 19  20 FAL's and Credits 22 28 28 6 28.79% 19  21 Total 441 2 \$250,593 \$323,632 \$73,039 29.15% 19  22 Public Fire Protection:	4	Private Fire Hydrant	57	\$582.00	\$33,349	751.68	\$43,071	\$9,722	29.15%
7 8 3" 1 143.28 143 185.04 185 42 29.37% 9 10 4" 84 227.40 19.102 293.64 24,666 5,564 29.13% 11 6" 160 466.44 74,630 602.40 96,384 21,754 29.15% 13 14 8" 101 802.44 81,046 1,036.32 104,668 23,622 29.15% 15 10" 18 1,233.48 22,203 1,593.00 28,674 6,471 29.14% 17 17 18 12" 11 1,758.84 19,347 2,271.48 24,986 5,639 29.15% 19 19 FAL's and Credits 2 2 2 2 8 6 28.79% 19 19 19 19 19 19 19 19 19 19 19 19 19									
9	6	2"	9	83.40	751	107.76	970	219	29.16%
9	7								
10     4"     84     227.40     19,102     293.64     24,666     5,564     29.13%       11     10     466.44     74,630     602.40     96,384     21,754     29.15%       14     8"     101     802.44     81,046     1,036.32     104,668     23,622     29.15%       15     16     10"     18     1,233.48     22,203     1,593.00     28,674     6,471     29.14%       17     18     12"     11     1,758.84     19,347     2,271.48     24,986     5,639     29.15%       19     54.1's and Credits     22     28     6     28.79%       21     Total     441     \$250,593     \$323,632     \$73,039     29.15%       28     Public Fire Protection:       27     Public Fire Protection:       28     0.00     0.00%		3"	1	143.28	143	185.04	185	42	29.37%
11									
12       6"       160       466.44       74,630       602.40       96,384       21,754       29.15%         13       14       8"       101       802.44       81,046       1,036.32       104,668       23,622       29.15%         15       15       10"       18       1,233.48       22,203       1,593.00       28,674       6,471       29.14%         17       18       12"       11       1,758.84       19,347       2,271.48       24,986       5,639       29.15%         19       5AL's and Credits       22       28       6       28.79%         21       Total       441       \$250,593       \$323,632       \$73,039       29.15%         23       24       25       \$441       \$250,593       \$323,632       \$73,039       29.15%         26       Public Fire Protection:       27       28       6       0.00       0.00%       0.00%		4"	84	227.40	19,102	293.64	24,666	5,564	29.13%
13									
14       8"       101       802.44       81,046       1,036.32       104,668       23,622       29.15%         15       16       10"       18       1,233.48       22,203       1,593.00       28,674       6,471       29.14%         17       18       12"       11       1,758.84       19,347       2,271.48       24,986       5,639       29.15%         20       FAL's and Credits       22       28       6       28.79%         21       21       Total       441       \$250,593       \$323,632       \$73,039       29.15%         23       24       25       Public Fire Protection:       25       26       Public Fire Protection:       27       0.00       0       0       0       0.00%		6"	160	466.44	74,630	602.40	96,384	21,754	29.15%
15		0.11	404	000.44	04.040	4 000 00	404.000	00.000	00.450/
16     10"     18     1,233.48     22,203     1,593.00     28,674     6,471     29.14%       17     18     12"     11     1,758.84     19,347     2,271.48     24,986     5,639     29.15%       19     FAL's and Credits     22     28     6     28.79%       21     21     \$250,593     \$323,632     \$73,039     29.15%       23     24     \$25     \$250,593     \$323,632     \$73,039     29.15%       26     Public Fire Protection:       27     28     0.00     0.00     0.00     0.00%		8"	101	802.44	81,046	1,036.32	104,668	23,622	29.15%
17 18 12" 11 1,758.84 19,347 2,271.48 24,986 5,639 29.15% 19 20 FAL's and Credits 22 28 6 28.79% 21 22 Total 441 \$\frac{441}{25}\$ \$\frac{5250,593}{29.15\%}\$  Public Fire Protection: 27 28 Public Fire Hydrants 3,063 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4.011	40	4 000 40	00.000	4 500 00	00.074	0.474	00.440/
18       12"       11       1,758.84       19,347       2,271.48       24,986       5,639       29.15%         19       FAL's and Credits       22       28       6       28.79%         21       Total       441       \$250,593       \$323,632       \$73,039       29.15%         23       Public Fire Protection:       25		10"	18	1,233.48	22,203	1,593.00	28,674	6,471	29.14%
19       20       FAL's and Credits       22       28       6       28.79%         21       Total       441       \$250,593       \$323,632       \$73,039       29.15%         23       24         24       25         26       Public Fire Protection:         27         28       Public Fire Hydrants       3,063       0.00       0       0       0       0.00%		12"	4.4	4 750 04	10 247	2 274 40	24.000	F 620	20.459/
20 FAL's and Credits       22       28       6       28.79%         21 Total       441       \$250,593       \$323,632       \$73,039       29.15%         23 24 25 25 26 Public Fire Protection:       Public Fire Protection:       27 20.00%       0.00       0       0       0.00%		12	11	1,758.84	19,347	2,271.48	24,986	5,639	29.15%
Total		EAL's and Crodits			22		20	6	28 70%
22       Total       441       \$250,593       \$323,632       \$73,039       29.15%         23       24       25       25       25       26       Public Fire Protection:       27       28       Public Fire Hydrants       3,063       0.00       0       0       0       0.00%		TAL'S and Credits			22		20	0	20.1976
23		Total	1/11	-	\$250 593		\$323 632	\$73,039	29 15%
24		rotar		=	Ψ200,000	ı	Ψ020,002	Ψ10,000	23.1370
25   26   Public Fire Protection:									
26 Public Fire Protection:       27       28 Public Fire Hydrants     3,063     0.00     0     0     0     0.00%									
27       28 Public Fire Hydrants     3,063     0.00     0     0.00     0     0     0.00%		Public Fire Protection:							
28 Public Fire Hydrants         3,063         0.00         0         0.00         0         0         0.00%		i abiic file flotection.							
		Public Fire Hydrants	3 063	0.00	0	0.00			0.00%
20	29	. acite i ilo riyaranto	0,000	=	0	0.00			0.0070

Missouri Public Service Commission Company: Missouri-American Water Company Case No. WR-2010-0131 Schedule CAS-14-SJO Revised Page 9 of 9

District: St. Joseph

		Present Pro Forma Rates				Proposed Pro Forma Rates					
Line #	Class/	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	Nestle Purina										
3	Minimum Charge:										
4	5/8" Monthly	0		\$8.95	\$0	0		\$15.00	\$0	\$0	0.00%
5	3/4" Monthly	0		\$11.46	0	0		\$19.20	0	0	0.00%
6	1" Monthly	9.00		\$16.24	146	9		\$27.21	245	99	67.81%
7	1-1/2" Monthly	0		\$28.25	0	0		\$47.32	0	0	0.00%
8	2" Monthly	0		\$42.65	0	0		\$71.44	0	0	0.00%
9	3" Monthly	0		\$76.23	0	0		\$127.67	0	0	0.00%
10	4" Monthly	27		\$124.19	3,353	27		\$208.02	5,617	2,264	67.52%
11	6" Monthly	0		\$244.12	0	0		\$408.90	0	0	0.00%
12	8" Monthly	0		\$388.03	0	0		\$649.91	0	0	0.00%
15											
16											
17	Volumetric Charge	<u>s:</u>									
18	First Block		908	\$6.0650	5,506		908	\$4.3400	3,940	(1,566)	-28.44%
19	Second Block		17,161	\$3.3975	58,305		17,161	\$3.8500	66,070	7,765	13.32%
20	Third Block		27,100	\$2.0493	55,536		27,100	\$3.6100	97,831	42,295	76.16%
21	Fourth Block		77,792	\$1.6741	130,232		77,792	\$2.2500	175,032	44,800	34.40%
22	Fifth Block		19,525	0.8342	16,288		19,525	\$2.0000	39,050	22,762	139.75%
23	FAL's and Credits		0				0		0	0	0.00%
24	Reconcile to Books	S	0				0				
25											
26											
27		•	142,486	0.0000	265,867		142,486	0.0000	381,923	116,056	43.65%
28		•		_					•	•	
29	Total	•	142,486	_	\$269,366		142,486	_	\$387,785	\$118,419	43.96%
30		:		=				=			