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MISSOURI PUBLIC SERVICE COMMISSION

COMMISSION STAFF DIVISION

WATER AND SEWER DEPARTMENT

DIRECT TESTIMONY

OF

MATTHEW J. BARNES

LIBERTY UTILITIES (MISSOURI WATER), LLC D/B/A LIBERTY UTILITIES

CASE NO. WR-2018-0170

Date 8-16-18 Reporter M File No JUR-2018-6170

Jefferson City, Missouri June 2018

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1		DIRECT TESTIMONY
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6 7 8 9		LIBERTY UTILITIES (MISSOURI WATER), LLC D/B/A LIBERTY UTILITIES
10		CASE NO. WR-2018-0170
11 12	Q.	Please state your name and business address.
13	А.	Matthew J. Barnes, P.O. Box 360, Jefferson City, Missouri, 65102.
14	Q.	By whom are you employed and in what capacity?
15	A.	I am employed by the Missouri Public Service Commission ("Commission")
16	as a Utility R	egulatory Auditor IV.
17	Q.	Please describe your educational background, work experience, and any cases
18	in which you	have previously filed testimony before this Commission.
19	А.	My credentials and a listing of cases in which I have filed testimony previously
20	before this Co	ommission are attached to this direct testimony as Schedule MJB-d1.
21	Q.	What is the purpose of your Direct Testimony?
22	А.	The purpose of my Direct Testimony is to recommend to the Commission
23	Staff's rate of	design for Liberty Utilities (Missouri Water), LLC D/B/A Liberty Utilities
24	("Liberty" or	"Company").
25	Recommend	ation
26	Q.	What is Staff's recommendation?
27	А.	Staff recommends that the Commission maintain the current water and sewer
28	rate design for	r Liberty's water and sewer service areas.

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1 Liberty Systems

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Q. What are the systems that make up Liberty's water and sewer service areas?
A. Liberty is made up of eleven (11) water and three (3) sewer systems that compose nine (9) water tariff districts and two (2) sewer tariff districts. Liberty acquired these systems by purchasing KMB's water and sewer operations, Silverleaf's water and sewer operations, and Noel's water operations. The KMB water systems include: Lakewood, Cedar Hill, Scotsdale, Crestview Acres, Warren Woods, Hillshine and High Ridge. KMB's sewer system is Cape Rock Village. The Silverleaf water systems include: Holiday Hills,

9 Timber Creek, and Ozark Mountain. The Silverleaf sewer systems are Timber Creek and

10 Ozark Mountain.

Q.

А.

11

How many customers are in each system and where are they located?

12

Table 1 lists the number of customers and the location of each system:

Table 1		
Number of Water and Sewer Customers in Each Liber	ty Utilities Se	rvice Area
Sourcian Anno Misson ri Cita	June	2018
Service Area/Missouri City	Water	Sewer
Noel, MO	665	
Silverkaf - Timber Creek/Desoto, MO		16
Silverkaf - Ozark Mountain/Kimberling City, MO	758	230
Silverkaf - Holiday Hills/Branson, MO		
KMB - Cape Rock Village/ Cape Girardeau, MO		170
KMB - Warren Woods/House Springs, MO	19	
KMB - Scotsdale/ Scotsdale, MO	37	
KMB - Lakewood Hills/Pacific Mo	114	
KMB - Hillshine/Catawissa, MO	33	
KMB - High Ridge Manor/House Springs, MO	87	
KMB - Crestview Acres/Pacific, MO	55	
KMB - Cedar Hills Estates/Cedar Hills, MO	185	
Total Customers	1,953	416

13

1 Q. What are the general characteristics of Liberty's water operating systems? 2 Α. All of Liberty's water operating systems consist of wells, master meters, well 3 houses, and chlorine pumps for disinfection. All of Liberty's sewer systems use an extended 4 aeration plant to treat the effluent. Staff's Report of Water and Sewer Department, Field 5 Operations and Tariff Review, attached to the Partial Disposition Agreement filed in this case 6 on May 24, 2018, provides more details for each of Liberty's water and sewer operating 7 systems.

8 <u>Rate Design</u>

Q.

9

What is the purpose of rate design?

10 Å. The purpose of rate design is to develop rates for each of Liberty's water and 11 sewer service tariffed operations that will give the Company an opportunity to collect its 12 Commission approved revenue requirement. Prior to Staff developing Liberty's rate design, 13 certain costs must be assigned to Liberty's water and sewer service systems. The 14 Commission's Auditing Staff determined an appropriate manner to allocate costs to Liberty's 15 water and sewer service systems. Staff can then develop Liberty's water and sewer rate 16 design based on the actual revenue requirement for each water and sewer service system. The 17 rate structure that is utilized generally consists of a fixed monthly customer charge and a 18 commodity (usage) charge. The customer charge is developed by comparing certain costs 19 that are generally considered fixed. Commodity charges are generally developed by 20 comparing the remaining costs and the usage characteristics of each system.

21

District Specific Pricing vs. Single Tariff Pricing

22

Q.

What is District-Specific Pricing?

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1	A. District-specific pricing (DSP) takes the costs of providing service for each
2	individual service area and develops rates based upon that service area's cost of service.
. 3	Thus, the rates those ratepayers in a given service area pay cover costs associated with
4	providing service to only that service area.
5	Q. What is the primary benefit of DSP?
6	A. The primary benefit of DSP is that the cost causers pay for their own costs.
7	Stated another way, those customers who caused the cost to occur are the customers
8	responsible for paying those costs.
9	Q. Is there a different type of pricing mechanism that can be used to develop
10	rates?
11	A. Yes. The opposite method of DSP is single-tariff pricing (STP), sometimes
12	referred to as consolidated-tariff pricing. In STP, all costs of the entire utility are combined
13	and rates are developed on a total, system-wide basis. Thus, residential customers in all of the
14	utility's service territories will pay the same customer charge and commodity rate. For
15	example, a Liberty residential customer in Noel will be charged the same rate as a residential
16	customer in Cedar Hill and as a residential customer in Warren Woods.
17	Q. What is the primary benefit of STP?
18	A. The primary benefit of STP is that it spreads out costs to a larger customer
19	base. This helps mitigate the impact of large capital expenditures that need to be made by the
20	Company in any particular district. This mechanism works best, however, when there is a
21	large customer base.
22	Q. Are these the only two mechanisms for determining rate design for the various
23	service territories?

1	A. No. DSP and STP are the two extremes on the rate design spectrum. An
2	analyst can also use a combination, or hybrid, of the two extremes to develop rates
3	appropriate to collect the revenues needed by the Company to cover its cost of service.
4	Staff's Proposed Rate Design
5	Q. What is Staff's proposed rate design for Liberty?
6	A. Staff recommends that the Commission maintain the current water and sewer
7	rate design for Liberty's existing water and sewer service areas.
8	Q. Why does Staff propose to maintain the current water and sewer rate design?
9	A. Staff proposes to maintain the current water and sewer rate design because the
10	characteristics of the water systems that Liberty owns are more appropriate for the current,
11	DSP-style rate design approach.
12	Q. What characteristics about the Liberty water systems support DSP?
13	A. DSP is appropriate in this case because each system is unique in that each
14	system is relatively small customer-wise, and the costs to serve Liberty's customers vary
15	among each system. The cost of service for each system varies based on number of
16	customers, different usage patterns, or the cost to replace or upgrade plant and infrastructure.
17	Q. How is the cost of service different for the various Liberty water systems?
18	A. For example, and as can be seen in Table 1 above, the largest water system is
19	Noel. Noel is a small city that has 665 water customers, of which a majority of them are
20	permanent residents. Noel is the only system in Liberty that serves industrial customers.
21	Noel is Liberty's only system located in the southwest corner of the state. Compared to Noel,
22	KMB's systems range from 19 customers to 185 customers. KMB has a combination of
23	permanent customers and time-share customers. KMB currently does not have any industrial

customers in its service area and all of KMB's systems are in the neighboring Jefferson and
 Franklin Counties.

Table 2 shows the cost to serve customers for each Liberty water and sewer system. The cost of service ranges from a low of \$23,340 to a high of \$705,008 for the water systems. The cost of service ranges from a low of \$93,806 to a high of \$345,118 for the sewer systems. The cost to serve each individual customer ranges from a low of \$530 to a high of \$1,403 for the water systems. The cost to serve each individual customer ranges from \$552 to \$1,403 for the sewer systems.

					Table 2						
				KMB -		KMB -	KMB -	KMB -	KMB -	Silverkaf -	KMB -
		Silverleaf-	KMB -	Cedar	KMB -	Crestview	Warren		High	Systems	Cape
	Noel	HH/TC/OM	Lakewood	HÐ	Scotsdale	Acres	Woods	Hilshine	Ridge	TC/OM	Rock
	Water	Water	Water	Water	Water	Water	Water	Water	Water	Sewer	Sewe
Total Cost of Service \$	705,008	\$ 624,618	\$ 92,331	\$ 104,924	\$ 38,033	\$ 39,454	\$ 23,432	\$ 23,340	\$46,070	\$ 345,118	\$ 93,80
Cost Per Customer \$	1,060	\$ 824	\$ 810	\$ 567	\$ 1.028	\$ 717	\$ 1.233	\$ 707	\$ 530	\$ 1.403	\$ 55

9

As mentioned above, the primary benefit of DSP is that it matches costs to costcausers. Because the systems themselves are so different, combining the system costs for the sake of combining costs would make these customers' rates go up or down, without regard to the actual cost of operations, or the type of service provided at each system.

14

Q. Does Staff have other reasons to keep the existing rate design?

15 Α. Yes. While the cost of service suggests rates need to increase for Liberty's 16 customers, the service areas' costs are still only for their own investment and expenses. 17 Liberty has not indicated to Staff that any major capital projects are to be expected in the 18 future, that would necessitate the need to combine and spread the expenses to avoid rate 19 With the DSP approach, if there are small, localized capital projects, only the shock. 20 customers that use the investment in their service area will pay for the investment. Liberty's 21 service areas are not physically connected and are geographically located far apart from each

other. Thus, capital investment in one service area does not provide benefit to customers in
 another.

Q. Did Staff develop a schedule for the Commission that shows the current and proposed rate, the dollar change, and the percent change for those rates for each of Liberty's water and sewer service areas?

A. Yes. Schedule MJB-d2 shows the current rate and proposed rate, the dollar
change, and the percent change for each of Liberty's water and sewer service areas.

8

Staff's Alternative Rate Design Proposal

9 Q. If the Commission were to consider consolidating Liberty's water and sewer
10 service areas, what would Staff's recommendation be?

A. If the Commission were to consider consolidating Liberty's water and
sewer service areas, Staff recommends the Commission consolidate Liberty's KMB water
systems. This would combine the following water service systems: Lakewood, Cedar Hill,
Scotsdale, Crestview Acres, Warren Woods, Hillshine and High Ridge.

Q. Why should the Commission consolidate KMB's water systems if they chose
to do so?

A. If the Commission chooses to consolidate KMB's water system they should do
so because all the water operating systems are located nearby in the neighboring Jefferson and
Franklin Counties, each system is maintained by the same operator, and each system has
similar plant, i.e. wells, a stand-pipe, well houses and master meters.

Q. Did Staff develop a rate design consolidating Liberty's KMB water systems?
A. Yes. Staff developed a rate design consolidating Liberty's KMB water
systems and the results are shown in Schedule MJB-d3.

1	Q. What does Schedule MJB-d3 show?
2	A. Schedule MJB-d3 shows the current rate, the proposed single rate, the dollar
3	and percentage changes for each of Liberty's KMB water systems if the Commission
4	consolidates KMB's water systems.
5	Conclusion
6	Q. Please summarize Staff's position.
7	A. Staff recommends that the Commission maintain the current water and sewer
8	rate design for Liberty's existing water and sewer service areas. The current water and sewer
9	rate design takes all of the costs of providing service to certain individual service areas and
10	develops rates based upon that district's cost of service. Thus, the rates those ratepayers in
11	any district pay only cover costs associated with providing service to that water and sewer
12	service area.
13	Q. Does this complete your Direct Testimony?
14	A. Yes, it does.

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In The Matter of the Application of Rate Increase for Liberty Utilities (Missouri Water), LLC d/b/a Liberty Utilities

>)) ss

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Case No. WR-2018-0170

AFFIDAVIT OF MATTHEW J. BARNES

State of Missouri

County of Cole

COMES NOW Matthew J. Barnes, and on his oath declares that he is of sound mind and lawful age; that he contributed to the attached *Direct Testimony*; and that the same is true and correct according to his best knowledge and belief. Further the Affiant sayeth not.

JURAT

Subscribed and sworn before me, a duly constituted and authorized Notary Public, in and for the County of Cole, State of Missouri, at my office in Jefferson City, on this 19 that day of June, 2018.

Dianne L. Vaugt

DIANNA L. VAUGHT Notary Public - Notary Seal State of Missouri Commissioned for Cole County My Commission Expires: June 28, 2019 Commission Aumher: 1520/2377 Commission Number: 15207377

EDUCATION AND RATE CASE PARTICIPATION

Educational and Employment Background and Credentials

I am a Utility Regulatory Auditor IV in the Water and Sewer Department, Commission Staff Division for the Missouri Public Service Commission. I was promoted to Utility Regulatory Auditor IV in the Energy Resources Department, Commission Staff Division for the Missouri Public Service Commission in June 2008. I accepted the position of Utility Regulatory Auditor I/II/III in June 2003. I transferred to the position of Utility Regulatory Auditor IV in the Water and Sewer Department in June 2016.

In December 2002, I earned a Bachelor of Science Degree in Business Administration with an Emphasis in Accounting from Columbia College. In May 2005, I earned a Masters in Business Administration with an Emphasis in Accounting from William Woods University.

Date Filed	Issue	Case Number	Exhibit	Case Name
09/08/2004	Merger with TXU Gas	GM20040607	Staff Recommendation	Atmos Energy Corporation
10/15/2004	Rate of Return	TC20021076	Supplemental Direct	BPS Telephone Company
06/28/2005	Finance Recommendation	EF20050387	Staff Recommendation	Kansas City Power and Light Company
06/28/2005	Finance Recommendation	EF20050388	Staff Recommendation	Kansas City Power and Light Company
08/31/2005	Finance Recommendation	EF20050498	Staff Recommendation	Kansas City Power and Light Company
11/15/2005	Spin-off of landline operations	IO20060086	Rebuttal	Sprint Nextel Corporation

RATE CASE PARTICIPATION

Schedule MJB-d1 Page 1 of 6

EDUCATION AND RATE CASE PARTICIPATION

03/08/2006	Spin-off of landline operations	TM20060272	Rebuttal	Alltel Missouri, Inc.
08/08/2006	Rate of Return	ER20060314	Direct	Kansas City Power & Light Company
09/08/2006	Rate of Return	ER20060314	Rebuttal	Kansas City Power & Light Company
09/13/2006	Rate of Return	GR20060387	Direct	Atmos Energy Corporation
10/06/2006	Rate of Return	ER20060314	Surrebuttal	Kansas City Power & Light Company
11/07/2006	Rate of Return	ER20060314	True-Up Direct	Kansas City Power & Light Company
11/13/2006	Rate of Return	GR20060387	Rebuttal	Atmos Energy Corporation
11/23/2006	Rate of Return	GR20060387	Surrebuttal	Atmos Energy Corporation
12/01/2006	Rate of Return	WR20060425	Direct	Algonquin Water Resources of Missouri LLC
12/28/2006	Rate of Return	WR20060425	Rebuttal	Algonquin Water Resources of Missouri LLC
01/12/2007	Rate of Return	WR20060425	Surrebuttal	Algonquin Water Resources of Missouri LLC
02/07/2007	Finance Recommendation	GF20070220	Staff Recommendation	Laclede Gas Company

EDUCATION AND RATE CASE PARTICIPATION

05/04/2007	Rate of Return	GR20070208	Direct	Laclede Gas Company
07/24/2007	Rate of Return	ER20070291	Direct	Kansas City Power and Light Company
08/30/2007	Rate of Return	ER20070291	Rebuttal	Kansas City Power and Light Company
09/20/2007	Rate of Return	ER20070291	Surrebuttal	Kansas City Power and Light Company
11/02/2007	Rate of Return	ER20070291	True-up Direct	Kansas City Power and Light Company
02/01/2008	Finance Recommendation	EF20080214	Staff Recommendation	Kansas City Power and Light Company
02/22/2008	Rate of Return	ER20080093	Cost of Service Report	The Empire District Electric Company
04/04/2008	Rate of Return	ER20080093	Rebuttal Testimony	The Empire District Electric Company
04/25/2008	Rate of Return	ER20080093	Surrebuttal Testimony	The Empire District Electric Company
08/18/2008	Rate of Return	WR20080311	Cost of Service Report	Missouri-American Water Company
09/30/2008	Rate of Return	WR20080311	Rebuttal Testimony	Missouri-American Water Company
10/16/2008	Rate of Return	WR2008031	Surrebuttal Testimony	Missouri-American Water Company

Schedule MJB-d1 Page 3 of 6

EDUCATION AND RATE CASE PARTICIPATION

02/26/2010	Fuel Adjustment Clause	ER20100130	Cost of Service Report	The Empire District Electric Company
04/02/2010	Fuel Adjustment Clause	ER20100130	Rebuttal Testimony	The Empire District Electric Company
04/23/2010	Fuel Adjustment Clause	ER20100130	Surrebuttal Testimony	The Empire District Electric Company
02/23/11	Fuel Adjustment Clause	ER20110004	Cost of Service Report	The Empire District Electric Company
04/22/11	Fuel Adjustment Clause	ER20110004	Rebuttal Testimony	The Empire District Electric Company
04/28/11	Fuel Adjustment Clause	ER20110004	Surrebuttal Testimony	The Empire District Electric Company
05/06/11	Fuel Adjustment Clause	ER20110004	True-up Direct Testimony	The Empire District Electric Company
10/21/11	Costs for the Phase-In Tariffs	ER20120024	Direct Testimony	KCP&L Greater Missouri Operations Company
11/17/11	Rate of Return	WR20110337	Cost of Service Report	Missouri-American Water Company
08/09/12	Fuel Adjustment Clause	ER20120175	Staff Report	KCP&L Greater Missouri Operations Company
09/12/12	Fuel Adjustment Clause	ER20120175	Rebuttal Testimony	KCP&L Greater Missouri Operations Company
10/10/12	Fuel Adjustment Clause	ER20120175	Surrebuttal Testimony	KCP&L Greater Missouri Operations Company
11/30/12	Fuel Adjustment Clause	ER20120345	Cost of Service Report	The Empire District Electric Company

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EDUCATION AND RATE CASE PARTICIPATION

12/13/14	Fuel Adjustment Clause	ER20120345	Class Cost of Service Report	The Empire District Electric Company
01/16/13	Fuel Adjustment Clause	ER20120345	Rebuttal Testimony	The Empire District Electric Company
02/14/13	Fuel Adjustment Clause	ER20120345	Surrebuttal Testimony	The Empire District Electric Company
12/05/14	Fuel Adjustment Clause	ER20140258	Cost of Service Report	Ameren Missouri
12/19/14	Fuel Adjustment Clause	ER20140258	Class Cost of Service Report	Ameren Missouri
01/16/15	Fuel Adjustment Clause	ER20140258	Rebuttal Testimony	Ameren Missouri
02/06/15	Fuel Adjustment Clause	ER20140258	Surrebuttal Testimony	Ameren Missouri
03/17/15	Fuel Adjustment Clause	ER20140258	True-up Direct Testimony	Ameren Missouri
07/15/16	Fuel Adjustment Clause	ER20160156	Staff Report Revenue Requirement Cost of Service	KCP&L Greater Missouri Operations Company
07/29/16	Fuel Adjustment Clause	ER20160156	Staff Report Rate Design	KCP&L Greater Missouri Operations Company
10/13/16	Rate of Return	SR20160202	Rebuttal Testimony	Raccoon Creek Utility Operating Company
10/13/17	Rate of Return	WR20170259	Direct Testimony	Indian Hills Utility Operating Company

EDUCATION AND RATE CASE PARTICIPATION

12/13/17	Class Cost of	WR20170285	Staff's Class	Missouri American Water		
	Service/Rate		Cost of Service	Company		
}	Design	}	and Rate Design			
			Report			
01/24/18	Special Contracts	WR20170285	Rebuttal Testimony	Missouri American Water Company		
02/09/18	Class Cost of Service/Rate Design	WR20170285	Surrebuttal Testimony	Missouri American Water Company		

Schedule MJB-d1 Page 6 of 6

Residential Customer Charge									
		Current Proposed			Dollar			Percent	
	Residential		Rate		Rate	_C	hange		Change
Cedar Hill	3/4" Meter	\$	8.68	\$	32.07	\$	23.39	企	269.43%
City of Scotsdale	5/8" Meter	\$	42.42	\$	56.86	\$	14.44	合	34.03%
Crest View Acres	5/8" Meter	\$	12.45	\$	32.09	\$	19.64	仓	157.72%
High Ridge	5/8" Meter	\$	6.54	\$	24.41	\$	17.87	企	273.26%
Hillshine	5/8" Meter	\$	14.28	\$	36.65	\$	22.37	企	156.67%
HH, TC, OM (Silverleaf)	3/4" Meter	\$	8.96	\$	31.81	\$	22.85	傦	255.07%
Lakewood Hills	5/8" Meter	\$	13.53	\$	34.14	\$	20.61	企	152.31%
Noel	5/8" Meter	\$	7.76	\$	23.35	\$	15.59	企	200.88%
Warren Woods	5/8" Meter	\$	23.39	\$	62.92	\$	39.53	企	169.01%
KMB-Cape Rock Village									
Sewer	Single Family	\$	27.60	\$	45.44	\$	17.84	企	64.63%
Silverleaf-Timber Creek &									
Ozark Mountain Sewer	5/8" Meter	\$	16.00	\$	34.86	\$	18.86	俞	117.88%

Residential Commodity Charge										
		Current Proposed			D	ollar	Percent			
	Residential	Rate		Rate		Change		Change		
Cedar Hill	3/4" Meter	\$	1.84	\$	3.60	\$	1.76	徻	95.72%	
City of Scotsdale	5/8" Meter	\$	5.52	\$	6.23	\$	0.71	徻	12.79%	
Crest View Acres	5/8" Meter	\$	3.67	\$	6.82	\$	3.15	令	85.89%	
High Ridge	5/8" Meter	\$	2.44	\$	4.70	\$	2.26	徻	92.82%	
Hillshine	5/8" Meter	\$	2.77	\$	5.58	\$	2.81	俞	101.56%	
HH, TC, OM (Silverleaf)	3/4" Meter	\$	5.96	\$	6.80	\$	0.84	徻	14.14%	
Lakewood Hills	5/8" Meter	\$	3.51	\$	6.39	\$	2.88	眘	82.15%	
Noel	5/8" Meter	\$	1.80	\$	2.98	\$	1.18	令	65.49%	
Warren Woods	5/8" Meter	\$	5.29	\$	8.76	\$	3.47	合	65.62%	
Silverleaf-Timber Creek &										
Ozark Mountain Sewer	5/8" Meter	\$	17.24	\$	25.94	\$	8.70	<u></u>	50.47%	

Residential Customer Charge										
		Current	Proposed	Dollar	Percent					
	Residential	Rate	Rate	Change	Change					
Cedar Hill	3/4" Meter	\$ 8.68	\$ 29.95	\$ 21.27	企 245.07%					
City of Scotsdale	5/8" Meter	\$ 42.42	\$ 29.95	\$ (12.47)	🕹 -29.39%					
Crest View Acres	5/8" Meter	\$ 12.45	\$ 29.95	\$ 17.50	介 140.58%					
High Ridge	5/8" Meter	\$ 6.54	\$ 29.95	\$ 23.41	會 357.99%					
Hillshine	5/8" Meter	\$ 14.28	\$ 29.95	\$ 15.67	會 109.75%					
Lakewood Hills	5/8" Meter	\$ 13.53	\$ 29.95	\$ 16.42	介 121.38%					
Warren Woods	5/8" Meter	\$ 23.39	\$ 29.95	\$ 6.56	合 28.06%					

Staff's Alternative Water Rate Design

Residential Commodity Charge											
		\mathbf{C}	urrent	Proposed		Dollar		Percent			
	Residential	Rate		Rate		Change		Change			
Cedar Hill	3/4" Meter	\$	2.86	\$	6.65	\$	3.79	會 132.60%			
City of Scotsdale	5/8" Meter	\$	2.44	\$	6.65	\$	4.21	172.57%			
Crest View Acres	5/8" Meter	\$	2.77	\$	6.65	\$	3.88	會 140.10%			
High Ridge	5/8" Meter	\$	3.51	\$	6.65	\$	3.14	會 89.48%			
Hillshine	5/8" Meter	\$	5.29	\$	6.65	\$	1.36	1 25.72%			
Lakewood Hills	5/8" Meter	\$	1.84	\$	6.65	\$	4.81	會 261.46%			
Warren Woods	5/8" Meter	\$	1.84	\$	6.65	\$	4.81	會 261.46%			