## P. O. BOX 397 RENO, PA 16343

Secretary, PA Public Utility Commission 400 North Street, 2<sup>nd</sup> Floor Harrisburg, PA 17120

USPS Tracking # 9114901496450304008000

September 20, 2018

Re: Venango Water Company - Docket Number R-2018-3001503

B. E. Rhodes Sewer Company - Docket Number R-2018-3001505

Sugarcreek Water Company - Docket Number R-2018-3001506

West Hickory Water Company - Docket Number R-2018-3001507

Filings for Rate Change

Dear Ms. Chiavetta,

Enclosed with this letter is one copy each of answers to the Public Utility Commission's data requests for the following along with Certificates of Service:

Venango Water Company:
Bureau of Technical Utility Service - R-18 through R-19

B. E. Rhodes Sewer Company:
Bureau of Technical Utility Service - R-15 through R-16

Sugarcreek Water Company:
Bureau of Technical Utility Service - R-15 through R-16

West Hickory Water Company:
Bureau of Technical Utility Service - R-16

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PA PUBLIC UTILITY COMMISSION SECRETARY'S BUREAU

Sincerely,

Randall L. Rhodes, Secretary

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### Bureau of Technical Utility Services Water/Wastewater Division Data Request Set 2

Sugarcreek Water Company Supplement No. 10 to Water – Pa. P.U.C. No. 3 at Docket No. R-2018-3001506

- R-15. Sugarcreek Water Company's (Sugarcreek's) response to Data Request R-7 identified certain expenses that appear to be capital expenditures. For example, 2016 Operating Labor included a \$1,430 expense for "Meter Reading/Changes", where the portion of the \$1,430 expense for initial meter installation should be capitalized. Please either quantify the value of each of the following items or state the amount was less than \$150:
  - a. 2016 Operating Labor Meter Changes: and
  - b. 2016 Operating Supplies Data Logger.

Answer (Randall Rhodes, Secretary):

- a. The amount for changing meters was \$175.00.
- b. Replacement tee \$13.64, data logger 130.49, testing reagents \$185.60

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#### Bureau of Technical Utility Services Water/Wastewater Division Data Request Set 2

Sugarcreek Water Company Supplement No. 10 to Water – Pa. P.U.C. No. 3 at Docket No. R-2018-3001506

R-16. Sugarcreek's response to Data Request R-13 indicated Sugarcreek's total customer count for 2017 was 872. However, the filing's "Attachment 3, cont." indicated Sugarcreek's total residential customer count for 2017 was 896, including 860 residential bills, 12 commercial bills and 24 public bills. Please explain why the 872 value was used in the Data Request R-13 as opposed to the 896 value.

#### Answer (Randall Rhodes, Secretary):

This was an error that was made when pulling information for Schedule-I and Schedule-J. Sub-Total amounts for residential customers were pulled in error for Venango, Sugarcreek and Plumer. This error was not caught by the Company and it caused miscalculations for both Schedule-I and Schedule-J.

Corrected Schedules are attached as well as original Schedules (for comparison). Corrections for these amounts will be made in 2018 accounting year.

Below is a listing of the change that the correction would make to the representative companies.

#### Information for response to Data Request R-19

Distribution of Wages	Venango	Sugarcreek	Plumer	Fryburg	B.E. Sewer	Cooperstown	West Hickory
Schedule-I Corrected	\$70,334.94	\$17,305.53	\$10,197.09	\$43,899.72	\$20,687.24	\$29,819.11	\$11,163.05
Schedule-I per filing	\$69,108.56	\$17,033.00	\$10,219.80	\$44,399.35	\$21,027.90	\$30,159.77	\$11,458.29
Wage Difference	\$1,226.38	\$272.53	(\$22.71)	(\$499.63)	(\$340.66)	(\$340.66)	(\$295.24)
Joint Expenses							
Schedule-J Corrected	\$5,257.41	\$1,291.37	\$1,017.50	\$3,280.39	\$3,720.18	\$2,228.91	\$3,194.43
Schedule-J per filing	\$5,155.46	\$1,269.38	\$1,017.50	\$3,312.38	\$3,758.16	\$2,250.90	\$3,226.42
Joint Exp Difference	\$101.95	\$21.99	\$0.00	(\$31.99)	(\$37.98)	(\$21.99)	(\$31.99)
Liability Insurance							
Schedule-J Corrected	\$1,038.32	\$255.04	\$200.95	\$647.87	\$734.72	\$440.20	\$630.89
Schedule-J Per Filing	\$1,018.19	\$250.70	\$200.95	\$654.18	\$742.22	\$444.54	\$637.21
Insurance Difference	\$20.13	\$4.34	\$0.00	(\$6.32)	(\$7.50)	(\$4.34)	(\$6.32)
Total Difference	\$1,348.46	\$298.86	(\$22.71)	(\$537.94)	(\$386.14)	(\$366.99)	(\$333.55)

### SCHEDULE I (Corrected for Data Request R-19) DISTRIBUTION OF WAGES AND BENEFITS TO REGULATED AFFILIATES

YEAR 2017

To distinguish the average residential customers, non-residential for Venango must be equated to residential. To equate to residential equivalent, perform the following equations:

equivalent, perform the following equations:		
<pre>A = Venango's total residential customers for the year: B = Venango's average monthly residential customers: C = Venango's total gross residential revenues: D = Venango's average monthly gross residential revenues: E = Venango's average monthly residential bill:</pre>	A / 12 C / 12	2,199.00 A 183.25 B 77,415.58 C 6,451.30 D 35.20 E
F = Venango's total gross non-residential revenues, including Fire		50,923.22 F
G = Venango's average monthly non-residential revenues:	F / 12	<b>4,243.60</b> G
H = Venango's residential equivalent for non-residential customs	G / E	120.54 H
<pre>I = Venango's average monthly customers equivalent:</pre>	B + H	<b>303.79</b> I
For Plumer Water Company, B. E. Rhodes Sewer Company and West Hiddeductions are made to the average customers for the wage calculations.	•	Company
• • •	•	705.00 J
deductions are made to the average customers for the wage calcula	•	• •
<pre>deductions are made to the average customers for the wage calcula  J = Plumer's total customers for the year: K = Plumer's average monthly customers:</pre>	tion.	<b>705.00</b> ਹ
<pre>deductions are made to the average customers for the wage calcula  J = Plumer's total customers for the year: K = Plumer's average monthly customers:</pre>	J / 12	705.00 J 58.75 K
<pre>deductions are made to the average customers for the wage calcula  J = Plumer's total customers for the year: K = Plumer's average monthly customers: L = Plumer's average monthly customers after deduction:</pre>	J / 12	705.00 J 58.75 K 44.06 L
<pre>deductions are made to the average customers for the wage calcula  J = Plumer's total customers for the year: K = Plumer's average monthly customers: L = Plumer's average monthly customers after deduction: M = Rhodes Sewer's total customers for the year: N = Rhodes Sewer's average monthly customers:</pre>	J / 12 K * .75	705.00 J 58.75 K 44.06 L 2,580.00 M
<pre>deductions are made to the average customers for the wage calcula  J = Plumer's total customers for the year: K = Plumer's average monthly customers: L = Plumer's average monthly customers after deduction: M = Rhodes Sewer's total customers for the year: N = Rhodes Sewer's average monthly customers:</pre>	J / 12 K * .75 M / 12	705.00 J 58.75 K 44.06 L 2,580.00 M 215.00 N
<pre>deductions are made to the average customers for the wage calcula  J = Plumer's total customers for the year: K = Plumer's average monthly customers: L = Plumer's average monthly customers after deduction: M = Rhodes Sewer's total customers for the year: N = Rhodes Sewer's average monthly customers: O = Rhodes Sewer's average monthly customers after deduction:</pre>	J / 12 K * .75 M / 12	705.00 J 58.75 K 44.06 L 2,580.00 M 215.00 N 129.00 O

For all other affiliates, use average customers:

S :	= Sugarcreek's total customers for the year:		896.00	S
T :	= Sugarcreek's average monthly customers:	S / 12	74.67	T
U :	= Fryburg's total customers for the year:		2,274.00	U
V :	= Fryburg's average monthly customers:	U / 12	189.50	V
W	= Cooperstown's total customers for the year:		1,545.00	W
Χ :	= Cooperstown's average monthly customers:	W / 12	128.75	Х

Calculation for Wages: Y = I + L + N + P + S + U + XY = Total average monthly customers for Regulated affiliates:

I	/	Y	=	Venango Water Company's percentage:	0.3097
T	7	Y	=	Sugarcreek Water Company's percentage:	0.0762
L	1	Y	=	Plumer Water Company's percentage:	0.0449
V	7	Y	=	Fryburg Water Company's percentage:	0.1933
0	7	Y	=	B.E. Rhodes Sewer Company's percentage:	0.1316
Х	/	Y	=	Cooperstown Water Company's percentage:	0.1313
R	1	Y	=	West Hickory Water Company's percentage:	0.1130
					1.0000

980.52 Y

### SCHEDULE J (Corrected for Data Request R-19) DISTRIBUTION OF JOINT EXPENSES TO REGULATED AFFILIATES

YEAR 2017

To distinguish the average residential customers, non-residential for Venango must be equated to residential. To equate to residential equivalent, perform the following equations:

A = Venango's total residential customers for the year:		2,199.00	A
<pre>B = Venango's average monthly residential customers:</pre>	A / 12	183.25	В
<pre>C = Venango's total gross residential revenues:</pre>		77,415.58	С
D = Venango's average monthly gross residential revenues:	C / 12	6,451.30	D
<pre>E = Venango's average monthly residential bill:</pre>		35.20	Ε
F = Venango's total gross non-residential revenues, including Fig.	re Prot:	50,923.22	F
<pre>G = Venango's average monthly non-residential revenues:</pre>	F / 12	4,243.60	G
${\tt H}$ = Venango's residential equivalent for non-residential custom $\epsilon$	G / E	120.54	Н
<pre>I = Venango's average monthly customers equivalent:</pre>	B + H	303.79	I
For all other affiliates, use average customers:			
<pre>J = Sugarcreek's total customers for the year:</pre>		896.00	J
<pre>K = Sugarcreek's average monthly customers:</pre>	J / 12	74.67	
L = Plumer's total customers for the year:		705.00	
<pre>M = Plumer's average monthly customers:</pre>	L / 12	58.75	
N = Fryburg's total customers for the year:		2,274.00	
<pre>0 = Fryburg's average monthly customers:</pre>	N / 12	189.50	
P = Rhodes Sewer's total customers for the year:		2,580.00	
Q = Rhodes Sewer's average monthly customers:	P / 12	215.00	
R = Cooperstown's total customers for the year:		1,545.00	
S = Cooperstown's average monthly customers:	R / 12	128.75	
T = West Hickory's total customers for the year:		2,215.00	Т
<pre>U = West Hickory's average monthly customers:</pre>	T / 12	184.58	υ
Calculation for percentages: $V = I + K + M + O + O + S + U$			
v = Total average monthly customers for all affiliates:		1,155.04	V
I / V = Venango Water Company's percentage:		0.2630	
K / V = Sugarcreek Water Company's percentage:		0.2636	
M / V = Plumer Water Company's percentage:		0.0540	
O / V = Fryburg Water Company's percentage:		0.0505	
Q / V = B.E. Rhodes Sewer Company's percentage:		0.1861	
S / V = Cooperstown Water Company's percentage:		0.1001	
U / V = West Hickory Water Company's percentage:		0.1113	
* * * * * * * * * * * * * * * * * * *		5.1550	

1.0000

### SCHEDULE | YEAR DISTRIBUTION OF WAGES AND BENEFITS TO REGULATED AFFILIATES 2017

To distinguish the average residential customers, non-residential for Venango must be equated to residential. To equate to residential equivalent, perform the following equations:

A = Venango's total residential customers for the year:	2,135.00 A
B = Venango's average monthly residential customers: A / 12	2 177.92 B
C = Venango's total gross residential revenues:	77,415.58 C
D = Venango's average monthly gross residential revenues: C / 12	6,451.30 D
E = Venango's average monthly residential bill:	<b>36.26</b> E
F = Venango's total gross non-residential revenues, including Fire Prot	50,923.22 F
G = Venango's average monthly non-residential revenues: F / 12	<b>4,243.60</b> G
H = Venango's residential equivalent for non-residential custome G / E	117.03 H
I = Venango's average monthly customers equivalent: B + H	294.95 I

For Plumer Water Company, B. E. Rhodes Sewer Company and West Hickory Water Company deductions are made to the average customers for the wage calculation.

<pre>J = Plumer's total customers for the year:</pre>		698.00	J
<pre>K = Plumer's average monthly customers:</pre>	J / 12	58.17 F	<
L = Plumer's average monthly customers after deduction:	K * .75	<b>43.63</b> I	Ĺ
M = Rhodes Sewer's total customers for the year:		2,580.00 1	1
N = Rhodes Sewer's average monthly customers:	M / 12	215.00	1
<pre>0 = Rhodes Sewer's average monthly customers after deduction:</pre>	N * .60	129.00	)
P = West Hickory's total customers for the year:		2,215.00 E	?
<pre>Q = West Hickory's average monthly customers:</pre>	P / 12	184.58	)
R = West Hickory's average monthly customers after deduction:	Q * .60	110.75 F	₹

For all other affiliates, use average customers:

S = Sugarcreek's total customers for the year:		<b>872.00</b> S
<pre>T = Sugarcreek's average monthly customers:</pre>	S / 12	<b>72.67</b> T
<pre>U = Fryburg's total customers for the year:</pre>	•	<b>2,274.00</b> U
<pre>V = Fryburg's average monthly customers:</pre>	U / 12	189.50 V
W = Cooperstown's total customers for the year:	,	1,545.00 W
<pre>X = Cooperstown's average monthly customers:</pre>	W / 12	128.75 X

Calculation for Wages: Y = I + L + N + P + S + U + X

Y = Total average monthly customers for Regulated affiliates: 969.2	969.24	Ş	affiliates:	Regulated	for	customers	monthly	average	Total	Ϋ́
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I / Y = Venango Water Company's percentage:	0.3043
T / Y = Sugarcreek Water Company's percentage:	0.0750
L / Y = Plumer Water Company's percentage:	0.0450
V / Y = Fryburg Water Company's percentage:	0.1955
O / Y = B.E. Rhodes Sewer Company's percentage:	0.1331
X / Y = Cooperstown Water Company's percentage:	0.1328
R / Y = West Hickory Water Company's percentage:	0.1143
	1.0000

SCHEDULE J	YEAR
DISTRIBUTION OF JOINT EXPENSES TO REGULATED AFEILIATES	2017

To distinguish the average residential customers, non-residential for Venango must be equated to residential. To equate to residential equivalent, perform the following equations:

-						
A =	Venango's total residential customers for the year:				2,135.00	Α
B =	Venango's average monthly residential customers:	Α.	/ 12		177.92	В
C =	Venango's total gross residential revenues:				77,415.58	С
D =	Venango's average monthly gross residential revenues:	С.	/ 12		6,451.30	D
E =	Venango's average monthly residential bill:				36.26	Ε
F =	Venango's total gross non-residential revenues, including Fir	e P	rot:		50,923.22	F
G =	Venango's average monthly non-residential revenues:	F,	/ 12		4,243.60	G
H =	$\label{thm:continuous} \mbox{Venango's residential equivalent for non-residential custom} \mbox{$\epsilon$}$	G	/ E		117.03	H
I =	Venango's average monthly customers equivalent:	В	+ H		294.95	Ι
For	all other affiliates, use average customers:					
J =	Sugarcreek's total customers for the year:				872.00	J
K =	Sugarcreek's average monthly customers:	J,	/ 12		72.67	K
L =	Plumer's total customers for the year:			•	698.00	L
M =	Plumer's average monthly customers:	L,	/ 12		58.17	М
N =	Fryburg's total customers for the year:			•	2,274.00	N
0 =	Fryburg's average monthly customers:	N.	/ 12		189.50	О
P =	Rhodes Sewer's total customers for the year:			•	2,580.00	P
Q =	Rhodes Sewer's average monthly customers:	Ρ,	/ 12		215.00	
R =	Cooperstown's total customers for the year:			•	1,545.00	R
s =	Cooperstown's average monthly customers:	R,	/ 12		128.75	S
T =	West Hickory's total customers for the year:			r	2,215.00	Т
U =	West Hickory's average monthly customers:	T,	/ 12		184.58	U
Cal	culation for percentages: $V = I + K + M + O + Q + S + U$					
	Total average monthly customers for all affiliates:				1,143.62	v
·	rocal avoluge memoral resonants and all allegeness.				1,140.02	•
I/	V = Venango Water Company's percentage:				0.2579	
K /	V = Sugarcreek Water Company's percentage:				0.0635	
M /	V = Plumer Water Company's percentage:				0.0509	
	<pre>V = Fryburg Water Company's percentage:</pre>				0.1657	
Q /	V = B.E. Rhodes Sewer Company's percentage:				0.1880	
s /	V = Cooperstown Water Company's percentage:				0.1126	
U /	V = West Hickory Water Company's percentage:				0.1614	

1.0000

### **VERIFICATION**

I, RANDALL L. RHODES, hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).

Randall L. Rhodes, Secretary

September 19, 2018

<u>Instructions</u>: You must serve a copy of the Application and any amendments upon the Office of Consumer Advocate, Office of Small Business Advocate, and the Bureau of Investigation and Enforcement.

#### **Certificate of Service**

I hereby certify that I have on this date September 20, 2018, served a true copy of Sugarcreek Water Company's responses to the Commission's Bureau of Technical Utility Services Data Request Set 2 upon the participants, listed below, in accordance with the requirements of §1.54 (relating to service by a participant).

Signature

Name (printed) Randall L. Rhodes

Title (printed) Secretary

Office of Consumer Advocate 555 Walnut Street 5<sup>th</sup> Floor Forum Place Harrisburg, PA 17101-1923 Office of Small Business Advocate Commerce Building, Suite 1102 300 North Second Street Harrisburg, PA 17101

Bureau of Investigation and Enforcement Pa PUC PO Box 3265 Harrisburg, PA 17105

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Water Company PO Box 397 Reno, PA 16343

> Secretary, PA Public Utility Commission 400 North Street Harrisburg, PA 17120

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