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PUBLIC SERVICE  
COMMISSION

COMMONWEALTH OF KENTUCKY

BEFORE THE KENTUCKY PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

APPLICATION OF BIG SANDY WATER )  
DISTRICT FOR A CERTIFICATE OF PUBLIC )  
CONVENIENCE AND NECESSITY TO )  
CONSTRUCT A SYSTEM IMPROVEMENTS ) CASE NO. 2019-00275  
PROJECT AND AN ORDER APPROVING A )  
CHANGE IN RATES AND AUTHORIZING )  
THE ISSUANCE OF SECURITIES PURSUANT )  
TO KRS 278.023 )

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RESPONSE TO STAFF'S THIRD REQUEST FOR INFORMATION

The Applicant, Big Sandy Water District ("Big Sandy District"), by Counsel, files this Response to the September 4, 2019 Commission Staff's Third Request for Information as follows:

Responding Witness: Joseph F. Sisler, P.E., Sisler-Maggard Engineering, PLLC.

**Request No. 1.** Refer to Big Sandy District's response to Commission Staff's Second Request for Information, Item 4, which states that the rates and current revenues from Division 2, former Overland Development area users, are included in Table IX of the billing analysis. Explain in detail how the revenue from this area is included in the billing analysis for Division 1 customers if the rate design and rates are different. Include supporting calculations.

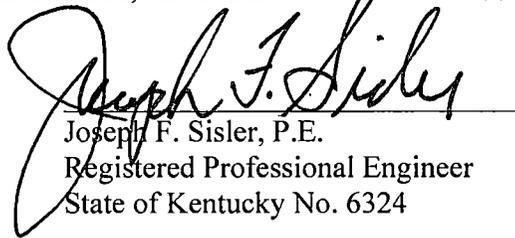
**Response No. 1.** The total annual customers, total annual revenue and total gallons sold were separated by usage in Table IX to match annual revenue and gallons sold by the number of customers for the year. Therefore, the baseline was established for the water usage of the existing system and for proposed usage and rate increases. The calculations are included within the Excel spreadsheet located on the CD previously submitted as part of the Response to the Second Information Request.

**Request No. 2.** Provide a separate billing analysis only for the Division 2 customers for the same test period.

**Response No. 2.** Please see the attached Table IX for only the Division 2 customers.

**Certification of Response to Commission Staff's Third Request for Information**

I hereby certify that I have supervised the preparation of Big Sandy Water District's Response to the Commission Staff's Third Request for Information. This Response is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

  
Joseph F. Sisler, P.E.  
Registered Professional Engineer  
State of Kentucky No. 6324

Respectfully Submitted,  
Rubin & Hays

By   
W. Randall Jones, Esq.  
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**CERTIFICATE OF SERVICE**

The undersigned hereby certifies that a copy of the foregoing Response was duly mailed by first class United States Postal Service mail to all parties of record in this proceeding on this 12<sup>th</sup> day of September, 2019.

  
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Counsel for Big Sandy Water District

## IX. ANALYSIS OF ACTUAL WATER USAGE - EXISTING SYSTEM - 12 MONTH PERIOD

For Period January 2017 to December 2017

## Overland Development Only

Gallons	Gallons	of users Residential	of users Non-Residential	x1000 Gal	
0-1K	500	25.48	9	0	5 \$ 229
1-2K	1,500	25.48	25	0	38 \$ 637
2-3K	2,500	30.49	27	0	68 \$ 823
3-4K	3,500	40.50	32	0	112 \$ 1,236
4-5K	4,500	50.51	10	0	45 \$ 505
5-6k	5,500	60.52	8	0	44 \$ 484
6-7K	6,500	70.53	4	0	26 \$ 282
7-8K	7,500	80.54	3	0	23 \$ 242
8-9K	8,500	90.55	2	0	17 \$ 181
9-10K	9,500	100.56	1	0	10 \$ 101
10-12k	11,000	113.79	0	0	0 \$ -
12-15k	13,500	134.37	0	0	0 \$ -
15-20K	17,500	167.29	0	0	0 \$ -
20-30K	25,000	229.01	0	0	0 \$ -
30-40k	35,000	303.61	0	0	0 \$ -
40-50K	45,000	379.51	0	0	0 \$ -
50-75K	62,500	485.84	0	0	0 \$ -
75-100K	87,500	655.59	0	0	0 \$ -
100-150K	125,000	885.21	0	0	0 \$ -
150-200K	175,000	1,214.71	0	0	0 \$ -
200-300K	250,000	1,683.96	0	0	0 \$ -
300-400K	350,000	2,332.96	0	0	0 \$ -
subtotal			121	0	386 \$ 4,780
average residential rate per month				121	\$ 39.50
average residential usage per month in Gallons					3,186
annual revenue					\$ 57,357
annual flow quantity in gallons sold					4,626,000