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June 19, 2018

RECEIVED

JUN 19 2018

PUBLIC SERVICE
COMMISSION

VIA HAND DELIVERY

Gwen R. Pinson, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40602

Re: IN THE MATTER OF: AN INVESTIGATION INTO THE FEASIBILITY OF
PROPOSED MERGER OF CAWOOD WATER DISTRICT AND BLACK MOUNTAIN
UTILITY DISTRICT PURSUANT TO KRS 74.361 - Case No. 2018-00068

Executive Director Pinson:

Please find enclosed and accept for filing in the above-styled matter an original and six (6) copies of Cawood Water District's Response to Commission Staff's Third Request for Information propounded June 5, 2018. Please return a file-stamped copy of this submission to me.

I appreciate your assistance with this matter, and please do not hesitate to contact me with any questions or concerns.

Respectfully submitted,



Mark David Goss

Enclosures

Executive Director Pinson
Case No. 2018-00068
June 19, 2018
Page 2 of 2

CERTIFICATE OF SERVICE

Pursuant to 807 KAR 5:001 Section 6, the undersigned certifies that, consistent with 807 KAR 5:001 Section 4(8), true and accurate copies of this letter and its enclosure have been placed into the custody and care of the United States Postal Service on June 19, 2018, for service upon the following:

Black Mountain Utility District
609 Four Mile Road
Baxter, KY 40806-8437



Mark David Goss
Counsel for Cawood Water District

RECEIVED

JUN 19 2018

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

**PUBLIC SERVICE
COMMISSION**

IN THE MATTER OF:

**AN INVESTIGATION INTO THE FEASIBILITY)
OF PROPOSED MERGER OF CAWOOD WATER) CASE NO. 2018-00068
DISTRICT AND BLACK MOUNTAIN UTILITY)
DISTRICT PURSUANT TO KRS 74.361)**

**CAWOOD WATER DISTRICT'S RESPONSE TO
COMMISSION STAFF'S THIRD REQUEST FOR INFORMATION**

Filed: June 19, 2018

**Cawood Water District
Case No. 2018-00068
Commission Staff's Third Request for Information**

1. Refer to Cawood District's response to Commission Staff's Second Request for Information ("Staff's Second Request"), Item 2(b).
 - a. Provide a detailed list of other Kentucky utilities, if any, that have a similar policy providing a monthly stipend to full-time employees to assist in "defraying general personal expenses" and to "share" cost savings from medical insurance costs.
 - b. Explain why Cawood District made the decision to provide a monthly stipend to its full-time employees instead of placing the monetary amount in salaries and wages.
 - c. Provide the general raise that Cawood District has given to its full-time and part-time employees for each of the last ten years.

Response:

- a. Cawood District has no knowledge of the compensation policies or practices of other Kentucky utilities and is therefore unaware of whether similar stipend policies may be in place.
- b. Cawood District decided to provide its full-time employees with a flat monthly stipend, as opposed to an hourly rate increase, in an effort to promote fairness and predictability with respect to this compensation. Due to the nature of the jobs they perform, Cawood District's employees often work hours that are difficult to predict with reasonable certainty; thus, while Cawood District considered placing the monetary amount in its employees' salaries and wages, it recognized that by doing so it and its employees would face greater compensation/cost variability due to fluctuations in the number of hours worked (most notably overtime as a result of leaks). To address this issue, Cawood District consulted its local board attorney and decided to pay the compensation as a monthly stipend. However, recognizing the Commission's discomfort with the stipend, it was removed by action of the Cawood District Board at the May, 2018 meeting in favor of the \$1.00/hour wage increase reflected in the chart provided in response to Item 1(c), below.

c. Please see below for a chart detailing the hourly wage increases awarded to each Cawood District employee for each of the last ten years.

	2007	2008	2009	2010	2011	2012
*D. ADKINS						
*B. BAKER						
**D. BAKER						
Q. BRITE	JAN .43					JULY .25
	FEB 1.60					
*A. BROCK						
K. DANIELS			AUG .75		FEB .50	FEB .50
P. DEAN			FEB 1.25			FEB .25
*T. GOODIN						
*W. GREEN						
C. LEDFORD	JAN .21		FEB .50			
	APRIL .24					
C. MCCLAIN	JAN .31					JULY .25
	FEB 1.50					
D. MIDDLETON						FEB .50
*L. PACE	JAN .28					FEB .25
	FEB 3.59					
P. RHYMER	JAN .25					
	FEB 1.03					FEB .72
*R. STEWART			FEB .50			
			APRIL .25			
*C. TOMLIN	JAN 1.50					
	FEB 1.50					
*R. WHITE						
*R. WILLIAMS						
* Denotes current employee						
** Dalton Baker was hired in May, 2018 as Distribution Staff						

	2013	2014	2015	2016	2017	2018
*D. ADKINS					NOV .75	MAY 1.00
*B. BAKER						MAY 1.00
**D. BAKER						JUNE .75
Q. BRITE						
*A. BROCK						FEB .75 MAY 1.00
K. DANIELS						
P. DEAN						
*T. GOODIN					APRIL 1.00	MAY 1.00
*W. GREEN						MAY 1.00
C. LEDFORD						
C. MCCLAIN				FEB 3.82		
D. MIDDLETON				AUG 1.00	MAR 1.00	
*L. PACE						MAY 1.00
P. RHYMER						
*R. STEWART						MAY 1.00
*C. TOMLIN					NOV 1.50	MAY 1.00
*R. WHITE					NOV 1.00	MAY 1.00
*R. WILLIAMS					NOV 1.25	MAY 1.00
* Denotes current employee						
** Dalton Baker was hired in May, 2018 as Distribution Staff						

**Cawood Water District
Case No. 2018-00068
Commission Staff's Third Request for Information**

2. Refer to Cawood District's response to Staff's Second Request, Item 2(c).
 - a. Confirm that Cawood District makes bank deposits every single business day.
 - b. If the answer to 2(a) is confirmed, explain if Cawood District has to make bank deposits every single business day, or if there is an alternative solution.
 - c. If the answer to 2(a) is not confirmed, provide the number of times per week Cawood District makes a bank deposit.
 - d. Explain if Cawood District has ever considered implementing a standard mileage reimbursement plan where employees are reimbursed a designated amount of cents per mile for driving their personal vehicle for business purposes, instead of providing a flat fee. If not, explain why not.
 - e. Confirm whether Cawood District has a company vehicle for employees to utilize when conducting business for Cawood District. If confirmed, explain why Cawood employees, such as the clerk, are not allowed to use the company vehicle to make the bank deposits.

Response:

- a. Unless no payments are received or personnel (the clerk) is not present to make the deposit, Cawood District's standard practice is to deposit with its bank any funds received during each business day.
- b. Cawood District has decided that leaving customer payments in an unattended office overnight presents unacceptable risk. Put simply, Cawood District is a member of a community that continues to face issues of need and crime; limited law enforcement resources and difficult terrain limit the effectiveness of alarm systems and safes, and daily bank deposits are presently necessary to promote the safety and security of Cawood District's personnel and assets.

- c. Please see Cawood District's Response to Commission Staff's Second Request for Information, Item 2(c)(2), as well as Cawood District's Response to Item 2(a), above. The clerk does not make deposits every business day, but will generally make a deposit 4-5 days each week.
- d. Cawood District has considered such a standard mileage reimbursement plan and has decided to implement such a plan with respect to the clerk's mileage for bank deposits. Thus, the clerk will be reimbursed the Internal Revenue Service standard mileage rate of \$0.545 per mile (which at 14 miles roundtrip, equates to \$7.63), and will no longer receive the \$10 for each deposit.
- e. Cawood District does have a company truck for employees to utilize when conducting business for Cawood District. However, this vehicle is needed primarily for use by distribution and plant workers in the field and must be readily available to transport personnel and equipment in cases of leaks and other issues.

**Cawood Water District
Case No. 2018-00068
Commission Staff's Third Request for Information**

3. Refer to Cawood District's response to Staff's Second Request, Item 4(c)(1).
 - a. Provide an explanation as to why Cawood District made the decision to use Kentucky Rural Water Association's water use and loss report forms instead of using Commission produced water use and loss report forms.
 - b. Provide Cawood District's monthly water use and loss reports from January 2017-May 2018 without any redactions.
 - c. Explain why Cawood District redacted the submitted water use and loss reports for January 2017-April 2018, and why the unknown loss percentage next to the redacted information was handwritten.
 - d. Explain how Cawood District is calculating the following water usage on the monthly water use and loss reports: water treatment plant, system flushing, and disinfection byproduct ("DBP") flushing.
 - e. Provide Cawood District's system flushing records from January 2017-April 2018.

Response:

- a. Cawood District has historically utilized the Kentucky Rural Water Association's water use and loss report forms due to the functionality of the tools provided by KRWA. Specifically, the software (spreadsheet) made available by the KRWA for use by utilities like Cawood District quickly and accurately calculates estimated gallonage used/lost based on inputs including size of line, size of crack or hole, and length of time of discharge.

Going forward, Cawood District will utilize the Commission-produced water use and loss report forms.
- b. Please see Page 3 through Page 19 of this Response.

- c. Cawood District did not intend to redact the referenced water use and loss reports; instead, certain highlighting contained in the originals became opaque during the duplication process and the content rendered illegible was re-inserted by handwritten change. Please see Page 3 through Page 19 of this Response for unredacted versions of the referenced documents.
- d. Cawood District's water treatment plant usage is based on the number of times the plant's three (3) water treatment filters are backwashed (cleaned and flushed). Each backwash uses approximately 5,000 gallons of water. Generally, backwashes are performed on a regular 5-hour rotation schedule but may be performed more often if circumstances warrant (*e.g.*, if the turbidimeters show a spike in the turbidity, or excessive rainwaters increase dirt and debris content).

Cawood District calculates its system flushing and DBP flushing utilizing the KRWA software described in Response 3(a), above. Cawood District inserts certain variables (size of the pipe, amount of time of discharge, and pressure) and the number of gallons used is then determined.

- e. Please see Page 20 through Page 41 of this Response.

Monthly Water Use Report

Water Utility: cawood water PWSID: 480565

For the Month of: jan Year: 2017

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND \$2.75

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced		12,144,389
4	Water Purchased	\$0.00	0
5	TOTAL PRODUCED AND PURCHASED		12,144,389
6	TOTAL COST #VALUE!		

WATER SOLD			
7	Residential		5,700,867
8	Commercial		0
9	Industrial		0
10	Bulk Loading Stations		0
11	Wholesale		0
12	Other Sales (explain)		0
13	TOTAL WATER SOLD		5,700,867 46.94%
14	TOTAL WATER NOT SOLD		6,443,522 53.06%

BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant		245,000
16	Wastewater Treatment Plant		0
17	System Flushing		325,000
18	Fire Department Usage		350
19	Other Usage (explain)		0
20	TOTAL USAGE		570,350
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		48.36%

BREAKDOWN OF WATER LOST			
22	Tank Overflows		0
23	Excavation Breaks		0
24	Repaired Line Breaks		1,206,113
25	Unknown Loss		4,667,059 38.43%
26	TOTAL WATER NOT SOLD OR USED		5,873,172
27	COST OF WATER NOT SOLD OR USED		#VALUE!

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"		4,667,059
29	% "Unknown Loss"		38.43%
30	Number of Days in Period		31
31	"Unknown Loss" per Day (Gallons per Day)		150,550
32	"Unknown Loss" per Minute (GPM)		104.55
33	"Unknown Loss" Cost for Month		#VALUE!

Monthly Water Use Report

Water Utility: cawood water PWSID: ky0480665

For the Month of: Feb Year: 2017

1 PRODUCTION COST PER THOUSAND (insert cost)
2 PURCHASE COST PER THOUSAND \$2.75

GALLONS

WATER PRODUCED or PURCHASED

3	Water Produced		11,575,333	100%
4	Water Purchased	\$0.00		0%
5	TOTAL PRODUCED AND PURCHASED		11,575,333	
6	TOTAL COST #VALUE!			

WATER SOLD

7	Residential		4,788,387	
8	Commercial			
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			
12	Other Sales (explain)			
13	TOTAL WATER SOLD		4,788,387	41.37%
14	TOTAL WATER NOT SOLD		6,786,946	58.63%

BREAKDOWN OF WATER USAGE

15	Water Treatment Plant		150,000	
16	Wastewater Treatment Plant			
17	System Flushing		420,985	
18	Fire Department Usage		150	
19	Other Usage (explain)			
20	TOTAL USAGE		571,135	
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES			53.70%

BREAKDOWN OF WATER LOST

22	Tank Overflows			
23	Excavation Breaks			
24	Repaired Line Breaks		580,355	
25	Unknown Loss		5,635,456	48.69%
26	TOTAL WATER NOT SOLD OR USED		6,215,811	
27	COST OF WATER NOT SOLD OR USED		#VALUE!	

"UNKNOWN LOSS" FLOW RATE AND COST:

28	"Unknown Loss"		5,635,456	
29	% "Unknown Loss"		48.69%	
30	Number of Days in Period		28	
31	"Unknown Loss" per Day (Gallons per Day)		201,266	
32	"Unknown Loss" per Minute (GPM)		139.77	
33	"Unknown Loss" Cost for Month		#VALUE!	

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: Ky0480565

For the Month of: march Year: 2017

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	12,253,852	100.0%
4	Water Purchased		0.0%
5	TOTAL PRODUCED AND PURCHASED	12,253,852	
6	TOTAL COST #VALUE!		

WATER SOLD			
7	Residential	6,064,460	
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD	6,064,460	49.5%
14	TOTAL WATER NOT SOLD	6,189,392	50.5%

BREAKDOWN OF WATER USAGE

15	Water Treatment Plant	455,000	
16	Wastewater Treatment Plant		
17	System Flushing	32,974	#VALUE!
18	Fire Department Usage	0	
19	DBP Flushing DBP Maintenance	0	
20	TOTAL USAGE	487,974	
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		46.5%

BREAKDOWN OF WATER LOST

22	Tank Overflows (other than for DBP maintenance)		
23	Excavation Breaks	0	
24	Repaired Line Breaks	1,287,675	#VALUE!
25	Unknown Loss	4,413,743	36.0%
26	TOTAL WATER NOT SOLD OR USED	5,701,418	
27	COST OF WATER NOT SOLD OR USED	#VALUE!	

"UNKNOWN LOSS" FLOW RATE AND COST:

28	"Unknown Loss"	4,413,743	
29	% "Unknown Loss"	36.0%	
30	Number of Days in Period	30	
31	"Unknown Loss" per Day (Gallons per Day)	147,125	
32	"Unknown Loss" per Minute (GPM)	102.17	
33	"Unknown Loss" Cost for Month	#VALUE!	



Monthly Water Use Report

Water Utility: Cawood Water District PWSID: Ky0480565

For the Month of: April Year: 2017

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	12,253,852	100.0%
4	Water Purchased		0.0%
5	TOTAL PRODUCED AND PURCHASED	12,253,852	
6	TOTAL COST #VALUE!		

WATER SOLD			
7	Residential	6,064,460	
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD	6,064,460	49.5%
14	TOTAL WATER NOT SOLD	6,189,392	50.5%

BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant	455,000	
16	Wastewater Treatment Plant		
17	System Flushing	32,974	#VALUE!
18	Fire Department Usage	0	
19	DBP Flushing DBP Maintenance	0	
20	TOTAL USAGE	487,974	
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		46.5%

BREAKDOWN OF WATER LOST			
22	Tank Overflows (other than for DBP maintenance)		
23	Excavation Breaks	0	
24	Repaired Line Breaks	1,287,675	#VALUE!
25	Unknown Loss	4,413,743	36.0%
26	TOTAL WATER NOT SOLD OR USED	5,701,418	
27	COST OF WATER NOT SOLD OR USED	#VALUE!	

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"	4,413,743	
29	% "Unknown Loss"	36.0%	
30	Number of Days in Period	30	
31	"Unknown Loss" per Day (Gallons per Day)	147,125	
32	"Unknown Loss" per Minute (GPM)	102.17	
33	"Unknown Loss" Cost for Month	#VALUE!	

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: ky0480565

For the Month of: *not*
~~2017~~ Year: 2017

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	12,787,433	100.0%
4	Water Purchased	0	0.0%
5	TOTAL PRODUCED AND PURCHASED	12,787,433	
6	TOTAL COST #VALUE!		

WATER SOLD			
7	Residential	7,029,301	
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD	7,029,301	55.0%
14	TOTAL WATER NOT SOLD	5,758,132	45.0%

BREAKDOWN OF WATER USAGE

15	Water Treatment Plant	175,000	
16	Wastewater Treatment Plant		
17	System Flushing	133,107	#VALUE!
18	Fire Department Usage	0	
19	DBP Flushing DBP Maintenance	8,157	#VALUE!

20 **TOTAL USAGE** 316,264
 21 **WATER LOSS PERCENTAGE FOR RATE PURPOSES** 42.6%

BREAKDOWN OF WATER LOST

22	Tank Overflows (other than for DBP maintenance)	100,000	#VALUE!
23	Excavation Breaks	40,459	#VALUE!
24	Repaired Line Breaks	37,369	#VALUE!
25	Unknown Loss	5,264,040	41.2%

26 **TOTAL WATER NOT SOLD OR USED** 5,441,868
 27 **COST OF WATER NOT SOLD OR USED** #VALUE!

"UNKNOWN LOSS" FLOW RATE AND COST:

28	"Unknown Loss"	5,264,040	
29	% "Unknown Loss"	41.2%	
30	Number of Days in Period	31	
31	"Unknown Loss" per Day (Gallons per Day)	169,808	
32	"Unknown Loss" per Minute (GPM)	117.92	
33	"Unknown Loss" Cost for Month		#VALUE!

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: ky0480565

For the Month of: june Year: 2017

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	12,787,433	100.0%
4	Water Purchased	0	0.0%
5	TOTAL PRODUCED AND PURCHASED	12,787,433	
6	TOTAL COST #VALUE!		

WATER SOLD			
7	Residential	7,029,301	
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD	7,029,301	55.0%
14	TOTAL WATER NOT SOLD	5,758,132	45.0%

BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant	175,000	
16	Wastewater Treatment Plant		
17	System Flushing	45,411	#VALUE!
18	Fire Department Usage	0	
19	DBP Flushing DBP Maintenance	52,356	#VALUE!
20	TOTAL USAGE	272,767	
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		42.9%

BREAKDOWN OF WATER LOST			
22	Tank Overflows (other than for DBP maintenance)	100,000	#VALUE!
23	Excavation Breaks	0	
24	Repaired Line Breaks	183,193	#VALUE!
25	Unknown Loss	5,202,172	40.7%
26	TOTAL WATER NOT SOLD OR USED	5,485,365	
27	COST OF WATER NOT SOLD OR USED	#VALUE!	

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"	5,202,172	
29	% "Unknown Loss"	40.7%	
30	Number of Days in Period	31	
31	"Unknown Loss" per Day (Gallons per Day)	167,812	
32	"Unknown Loss" per Minute (GPM)	116.54	
33	"Unknown Loss" Cost for Month	#VALUE!	

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: ky0480565

For the Month of: july Year: 2017

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	13,172,681	88.5%
4	Water Purchased	1,720,000	11.5%
5	TOTAL PRODUCED AND PURCHASED	14,892,681	
6	TOTAL COST #VALUE!		

WATER SOLD			
7	Residential	6,987,336	
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD	6,987,336	46.9%
14	TOTAL WATER NOT SOLD	7,905,345	53.1%

BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant	125,000	
16	Wastewater Treatment Plant		
17	System Flushing	51,827	#VALUE!
18	Fire Department Usage	0	
19	DBP Flushing DBP Maintenance	0	
20	TOTAL USAGE	176,827	
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		51.9%

BREAKDOWN OF WATER LOST			
22	Tank Overflows (other than for DBP maintenance)		
23	Excavation Breaks	0	
24	Repaired Line Breaks	2,278,332	#VALUE!
25	Unknown Loss	5,450,187	36.6%
26	TOTAL WATER NOT SOLD OR USED	7,728,518	
27	COST OF WATER NOT SOLD OR USED		#VALUE!

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"	5,450,187	
29	% "Unknown Loss"	36.6%	
30	Number of Days in Period	31	
31	"Unknown Loss" per Day (Gallons per Day)	175,812	
32	"Unknown Loss" per Minute (GPM)	122.09	
33	"Unknown Loss" Cost for Month		#VALUE!

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: ky0480565

For the Month of: aug Year: 2017

1	PRODUCTION COST PER THOUSAND	\$2.50
2	PURCHASE COST PER THOUSAND	\$0.00

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	\$32,930.31	13,172,124
4	Water Purchased	\$0.00	0
5	TOTAL PRODUCED AND PURCHASED		13,172,124
6	TOTAL COST	\$32,930.31	

WATER SOLD			
7	Residential		6,827,854
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD		6,827,854
14	TOTAL WATER NOT SOLD		6,344,270

BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant		42,580
16	Wastewater Treatment Plant		
17	System Flushing		112,286
18	Fire Department Usage		0
19	DBP Flushing	DBP Maintenance	0
20	TOTAL USAGE		154,866
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		47.0%

BREAKDOWN OF WATER LOST			
22	Tank Overflows (other than for DBP maintenance)		
23	Excavation Breaks		0
24	Repaired Line Breaks		1,251,320
25	Unknown Loss		4,938,083
26	TOTAL WATER NOT SOLD OR USED		6,189,404
27	COST OF WATER NOT SOLD OR USED		\$15,473.51

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"	4,938,083	
29	% "Unknown Loss"	37.5%	
30	Number of Days in Period	31	
31	"Unknown Loss" per Day (Gallons per Day)	159,293	
32	"Unknown Loss" per Minute (GPM)	110.62	
33	"Unknown Loss" Cost for Month	\$12,345.21	

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: ky0480565

For the Month of: sept Year: 2017

1	PRODUCTION COST PER THOUSAND	\$0.00
2	PURCHASE COST PER THOUSAND	\$0.00

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	\$0.00	12,632,460
4	Water Purchased	\$0.00	0.0%
5	TOTAL PRODUCED AND PURCHASED		12,632,460
6	TOTAL COST		\$0.00

WATER SOLD

7	Residential	5,871,451
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales (explain)	
13	TOTAL WATER SOLD	5,871,451 46.5%
14	TOTAL WATER NOT SOLD	6,761,009 53.5%

BREAKDOWN OF WATER USAGE

15	Water Treatment Plant	32,360
16	Wastewater Treatment Plant	
17	System Flushing	400,046
18	Fire Department Usage	0
19	DBP Flushing	0
20	TOTAL USAGE	432,406
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES	50.1%

BREAKDOWN OF WATER LOST

22	Tank Overflows (other than for DBP maintenance)	
23	Excavation Breaks	0
24	Repaired Line Breaks	2,743,734
25	Unknown Loss	3,584,869
26	TOTAL WATER NOT SOLD OR USED	6,328,603
27	COST OF WATER NOT SOLD OR USED	\$0.00

"UNKNOWN LOSS" FLOW RATE AND COST:

28	"Unknown Loss"	3,584,869
29	% "Unknown Loss"	28.4%
30	Number of Days in Period	30
31	"Unknown Loss" per Day (Gallons per Day)	119,496
32	"Unknown Loss" per Minute (GPM)	82.98
33	"Unknown Loss" Cost for Month	\$0.00

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: ky0480565

For the Month of: oct Year: 2017

1	PRODUCTION COST PER THOUSAND	\$0.00
2	PURCHASE COST PER THOUSAND	\$0.00

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	\$0.00	13,118,826
4	Water Purchased	\$0.00	
5	TOTAL PRODUCED AND PURCHASED		13,118,826
6	TOTAL COST		\$0.00

WATER SOLD			
7	Residential		6,025,610
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD		6,025,610 45.9%
14	TOTAL WATER NOT SOLD		7,093,216 54.1%

BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant		155,000
16	Wastewater Treatment Plant		
17	System Flushing		1,061,214
18	Fire Department Usage		0
19	DBP Flushing	DBP Maintenance	0
20	TOTAL USAGE		1,216,214
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		44.6%

BREAKDOWN OF WATER LOST			
22	Tank Overflows (other than for DBP maintenance)		
23	Excavation Breaks		0
24	Repaired Line Breaks		792,738
25	Unknown Loss		5,084,264 38.8%
26	TOTAL WATER NOT SOLD OR USED		5,877,002
27	COST OF WATER NOT SOLD OR USED		\$0.00

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"		5,084,264
29	% "Unknown Loss"		38.8%
30	Number of Days in Period		31
31	"Unknown Loss" per Day (Gallons per Day)		164,009
32	"Unknown Loss" per Minute (GPM)		113.89
33	"Unknown Loss" Cost for Month		\$0.00

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: KY0480565

For the Month of: November Year: 2017

Line #	Item	Gallons	
1	Water Produced, Purchased and Distributed		
2	Water Produced	12,469,788	
3	Water Purchased	261,860	
4	Water Produced & Purchased	12,731,648	
5			
6	Water Sales		
7	Residential	6,292,498	
8	Commercial	0	
9	Industrial	0	
10	Bulk Loading Stations	0	
11	Wholesale	0	
12	Other Sales (explain) _____ 0	0	
13	Total Water Sales	6,292,498	49.4%
14			
15	Other Water Used		
16	Utility and/or Water Treatment Plant	0	
17	Wastewater Treatment Plant	0	
18	System Flushing	239,826	
19	Fire Department Usage	250,479	
20	Other Usage (explain) _____ DBP Maintenance	30,677	
21	Total Other Water Used	520,983	4.1%
22			
23	Water Loss		
24	Tank Overflows	0	
25	Line Breaks	2,649,630	
26	Line Leaks	3,268,537	
27	Other _____		
28	Total Line Loss	5,918,167	46.5%
29			
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4		
31			
32	Water Loss Percentage		
33	Unaccounted-For Water (Line 28 Divided by Line 4)	46.5%	

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: KY0480565

For the Month of: December Year: 2017

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED

3	Water Produced	12,533,687	100.0%
4	Water Purchased	0	0.0%
5	TOTAL PRODUCED AND PURCHASED	12,533,687	
6	TOTAL COST #VALUE!		

WATER SOLD

7	Residential	6,578,404	
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD	6,578,404	52.5%
14	TOTAL WATER NOT SOLD	5,955,283	47.5%

BREAKDOWN OF WATER USAGE

15	Water Treatment Plant	40,000	
16	Wastewater Treatment Plant		
17	System Flushing	340,700	#VALUE!
18	Fire Department Usage	274,386	#VALUE!
19	DBP Flushing DBP Maintenance	15,842	#VALUE!
20	TOTAL USAGE	670,928	
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		42.2%

BREAKDOWN OF WATER LOST

22	Tank Overflows (other than for DBP maintenance)		
23	Excavation Breaks	0	
24	Repaired Line Breaks	1,484,787	#VALUE!
25	Unknown Loss	3,799,568	30.3%
26	TOTAL WATER NOT SOLD OR USED	5,284,355	
27	COST OF WATER NOT SOLD OR USED	#VALUE!	

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"	3,799,568	
29	% "Unknown Loss"	30.3%	
30	Number of Days in Period	30	
31	"Unknown Loss" per Day (Gallons per Day)	126,652	
32	"Unknown Loss" per Minute (GPM)	87.95	
33	"Unknown Loss" Cost for Month	#VALUE!	

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: KY0480565

For the Month of: Jan Year: 2018

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	13,600,987	92.3%
4	Water Purchased	1,128,000	7.7%
5	TOTAL PRODUCED AND PURCHASED	14,728,987	
6	TOTAL COST #VALUE!		

WATER SOLD			
7	Residential	7,198,986	
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD	7,198,986	48.9%
14	TOTAL WATER NOT SOLD	7,530,001	51.1%

BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant	40,000	
16	Wastewater Treatment Plant		
17	System Flushing	52,682	#VALUE!
18	Fire Department Usage	9,505	#VALUE!
19	DBP Flushing DBP Maintenance	0	
20	TOTAL USAGE	102,187	
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		50.4%

BREAKDOWN OF WATER LOST			
22	Tank Overflows (other than for DBP maintenance)		
23	Excavation Breaks	0	
24	Repaired Line Breaks	1,520,249	#VALUE!
25	Unknown Loss	5,907,565	40.1%
26	TOTAL WATER NOT SOLD OR USED	7,427,814	
27	COST OF WATER NOT SOLD OR USED		#VALUE!

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"	5,907,565	
29	% "Unknown Loss"	40.1%	
30	Number of Days in Period	30	
31	"Unknown Loss" per Day (Gallons per Day)	196,919	
32	"Unknown Loss" per Minute (GPM)	136.75	
33	"Unknown Loss" Cost for Month		#VALUE!

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: KY0480565

For the Month of: Feb. Year: 2018

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	10,202,490	95.7%
4	Water Purchased	454,000	4.3%
5	TOTAL PRODUCED AND PURCHASED	10,656,490	
6	TOTAL COST #VALUE!		

WATER SOLD			
7	Residential	5,407,836	
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD	5,407,836	50.7%
14	TOTAL WATER NOT SOLD	5,248,654	49.3%

BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant	40,000	
16	Wastewater Treatment Plant		
17	System Flushing	186,265	#VALUE!
18	Fire Department Usage	0	
19	DBP Flushing DBP Maintenance	96,300	#VALUE!
20	TOTAL USAGE	322,565	
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		46.2%

BREAKDOWN OF WATER LOST			
22	Tank Overflows (other than for DBP maintenance)		
23	Excavation Breaks	0	
24	Repaired Line Breaks	3,254,578	#VALUE!
25	Unknown Loss	1,671,510	15.7%
26	TOTAL WATER NOT SOLD OR USED	4,926,089	
27	COST OF WATER NOT SOLD OR USED		#VALUE!

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"	1,671,510	
29	% "Unknown Loss"	15.7%	
30	Number of Days in Period	30	
31	"Unknown Loss" per Day (Gallons per Day)	55,717	
32	"Unknown Loss" per Minute (GPM)	38.69	
33	"Unknown Loss" Cost for Month		#VALUE!

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: KY0480565

For the Month of: March Year: 2018

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	10,559,000	100.0%
4	Water Purchased		0.0%
5	TOTAL PRODUCED AND PURCHASED	10,559,000	
6	TOTAL COST #VALUE!		

WATER SOLD			
7	Residential	6,022,485	
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD	6,022,485	57.0%
14	TOTAL WATER NOT SOLD	4,536,515	43.0%

BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant	1,050,000	
16	Wastewater Treatment Plant		
17	System Flushing	1,049,402	#VALUE!
18	Fire Department Usage	0	
19	DBP Flushing DBP Maintenance	193,475	#VALUE!
20	TOTAL USAGE	2,292,877	
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		21.2%

BREAKDOWN OF WATER LOST			
22	Tank Overflows (other than for DBP maintenance)		
23	Excavation Breaks	0	
24	Repaired Line Breaks	287,675	#VALUE!
25	Unknown Loss	1,955,963	18.5%
26	TOTAL WATER NOT SOLD OR USED	2,243,638	
27	COST OF WATER NOT SOLD OR USED		#VALUE!

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"	1,955,963	
29	% "Unknown Loss"	18.5%	
30	Number of Days in Period	30	
31	"Unknown Loss" per Day (Gallons per Day)	65,199	
32	"Unknown Loss" per Minute (GPM)	45.28	
33	"Unknown Loss" Cost for Month		#VALUE!

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: KY0480565

For the Month of: April Year: 2018

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	10,297,982	100.0%
4	Water Purchased		0.0%
5	TOTAL PRODUCED AND PURCHASED	10,297,982	
6	TOTAL COST #VALUE!		

WATER SOLD			
7	Residential	6,156,370	
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD	6,156,370	59.8%
14	TOTAL WATER NOT SOLD	4,141,612	40.2%

BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant	1,023,180	
16	Wastewater Treatment Plant		
17	System Flushing	661,200	#VALUE!
18	Fire Department Usage	50,408	#VALUE!
19	DBP Flushing DBP Maintenance	111,756	#VALUE!
20	TOTAL USAGE	1,846,544	
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		22.3%

BREAKDOWN OF WATER LOST			
22	Tank Overflows (other than for DBP maintenance)		
23	Excavation Breaks	0	
24	Repaired Line Breaks	215,756	#VALUE!
25	Unknown Loss	2,079,312	20.2%
26	TOTAL WATER NOT SOLD OR USED	2,295,068	
27	COST OF WATER NOT SOLD OR USED		#VALUE!

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"	2,079,312	
29	% "Unknown Loss"	20.2%	
30	Number of Days in Period	30	
31	"Unknown Loss" per Day (Gallons per Day)	69,310	
32	"Unknown Loss" per Minute (GPM)	48.13	
33	"Unknown Loss" Cost for Month		#VALUE!

Monthly Water Use Report

Water Utility: Cawood Water District PWSID: KY0430563

For the Month of: May Year: 2018

1 PRODUCTION COST PER THOUSAND (insert cost)
 2 PURCHASE COST PER THOUSAND (insert cost)

GALLONS

WATER PRODUCED or PURCHASED			
3	Water Produced	10,255,100	100.0%
4	Water Purchased		0.0%
5	TOTAL PRODUCED AND PURCHASED	10,255,100	
6	TOTAL COST #VALUE!		

WATER SOLD			
7	Residential	6,258,016	
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales (explain)		
13	TOTAL WATER SOLD	6,258,016	61.0%
14	TOTAL WATER NOT SOLD	3,996,684	39.0%

BREAKDOWN OF WATER USAGE			
15	Water Treatment Plant	125,550	
16	Wastewater Treatment Plant		
17	System Flushing	1,619,085	#VALUE!
18	Fire Department Usage	0	
19	DBP Flushing DBP Maintenance	93,817	#VALUE!
20	TOTAL USAGE	1,828,452	
21	WATER LOSS PERCENTAGE FOR RATE PURPOSES		21.1%

BREAKDOWN OF WATER LOST			
22	Tank Overflows (other than for DBP maintenance)	0	
23	Excavation Breaks		
24	Repaired Line Breaks	497,636	#VALUE!
25	Unknown Loss	1,669,996	16.3%
26	TOTAL WATER NOT SOLD OR USED	2,167,632	
27	COST OF WATER NOT SOLD OR USED		#VALUE!

"UNKNOWN LOSS" FLOW RATE AND COST:			
28	"Unknown Loss"	1,669,996	
29	% "Unknown Loss"	16.3%	
30	Number of Days in Period	30	
31	"Unknown Loss" per Day (Gallons per Day)	55,667	
32	"Unknown Loss" per Minute (GPM)	38.56	
33	"Unknown Loss" Cost for Month		#VALUE!

**FLUSHING OF LINES
 CAWOOD WATER DISTRICT**

General Manager PD

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
1-4-17	Day Ln	2	1.9	5 min		RW/DM
1-4-17	Hannah Dr	2	2.0	5 min		RW/DM
1-4-17	Avails RD	2	1.9	15 min		RW/DM
1-4-17	Denim St	2	1.8	10 min		RW/DM
1-4-17	Hill St	2	1.8	10 min		RW/DM
1-4-17	Carl St	3	1.8	5 min		RW/DM
1-4-17	Long way	2	1.6	5 min		RW/DM
1-4-17	Faith Ln	3"	2.0	10 min		RW/DM
1-4-17	Trailor Park 1st Ln	2"	2.0	5 min		RW/DM
1-4-17	Trailor Park 2nd Ln	2"	2.2	10 min		RW/DM
1-4-17	End of Line 1137	3"	1.6	10 min		RW/DM
1-4-17	End of Line ^{LITTLE} Creek	2	1.6	10 min		D.M./AW
1-4-17	Creek RD	3	1.7	10 min		RW/DM
1-4-17	Saw Mill 14010	2"	1.6	5 min		RW/DM
1-4-17	Crumies	4"	1.8	10 min		RW/DM

FLUSHING OF LINES CAWOOD WATER DISTRICT

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
1-4-17	Slack Hill	2	1.6	5 min		RW/DM
1-4-17	987	4	1.7	5 min		RW/DM
1-4-17	3-Point	2"	1.6	10 min		RW/DM
1-4-17	Day Branch ^{Tapiller} Park	2"	1.7	10 min		RW/DM
1-4-17	Day Branch	3"	1.6	15 min		RW/DM
1-4-17	Alder	3"	1.5	10 min		RW/DM
1-4-17	Fee Ct	3"	1.7	5 min		RW/DM
1-4-17	Green RD	3"	1.5	-		RW/DM
2-13-17	Greys Branch RD	3"	1.6	10 min		RW
2-13-17	Hwy 987	3"	1.7	5 min		RW/CD
2-13-17	ON Hill AT Dam	3"	1.0	10 min		RW/CD
2-13-17	At Lake	3"	1.1	10 min		RW/CD
2-13-17	Hwy 3463	3"	.9	10 min		RW/CD
2-13-17	HOBBIT DR #1	3"	1.4	10 min		RW/CD
2-13-17	HOBBIT DR #2	3	1.4			

**FLUSHING OF LINES
 CAWOOD WATER DISTRICT**

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
2-13-17	Long Road Dr	3"	1.5	10 min		RW/CD
2-13-17	Eagle Bridge RD	3"	1.5	10 min		RW/CD
2-13-17	Shuers Court 300 ON	3"				RW/CD
2-13-17	Harbor RD	3"	1.3	20 min		RW/CD
2-13-17	Smith RD	3"	1.4	5 min		RW/CD
2-13-17	M. Saylor LN	2"	1.1	5 min		RW/CD
2-13-17	JUNE Dr	2"	1.4	5 min		RW/CD
2-13-17	Kenneth Dr ^{LIFT} RIGHT	3"	1.4	10 min		RW/CD
2-13-17	Kenneth Dr Right	2"	1.4	5 min		RW/CD
2-13-17	Britton RD	3"	1.1	10 min		RW/CD
2-14-17	JONSONS	3"	1.7	10 min		RW/CD
2-14-17	R. Ves. ce	3"	1.8	10 min		RW/CD
2-14-17	Bob Creek	3"	1.3	20 min		RW/CD
2-14-17	Bruce Dr	3"				
2-14-17	Mose Howard HOOD	3"	1.5	20 min		RW/CD

FLUSHING OF LINES

CAWOOD WATER DISTRICT

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
2-14-17	MAN DAKS	4"	1.8	5M		RW/CD
2-14-17	B.S. BIRTH	3"	1.5	10M		RW/CD
2-14-17	SHEEP WTC	3"	1.4	15M		RW/CD
2-14-17	END 990	3"	1.5	30M		RW/CD
3-3-17	WAMPUS CREEK	3"	1.8	5M		RW/CD
3-3-17	CHURCHILL CAMP	3"	1.7	10M		RW/CD
3-3-17	HWY 2074	3"	1.7	15M		RW/CD
3-3-17	HAMPTON LN	3"	1.9	20M		RW/CD
3-3-17	MILL DR	3"	1.7	10M		RW/CD
3-3-17	GRAY RD	3"	1.7	10M		RW/CD
3-3-17	PINE BR	3"	1.6	10M		RW/CD
3-8-17	KNOB LN	4"	1.7	10M		RW/DA
3-8-17	MORGAN DR	3"	2.0	15M		RW/DA
3-8-17	6TH STREET	3"	1.9	20M		RW/DA
3-8-17	5TH STREET	3"	1.9	20M		RW/DA

**FLUSHING OF LINES
 CAWOOD WATER DISTRICT**

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
3-8-17	474 Street	3"	1.6	5 min		RW/DM
3-8-17	3 rd Street	3"	1.7	5 min		RW/DM
3-8-17	2 nd Street	3"	1.8	15 min		RW/DM
3-8-17	1 st Street	3"	1.9	10 min		RW/DM
3-8-17	Reedy Mix Road	4"	1.7	20 min		RW/DM
3-8-17	Town Hill	3"	1.5	10 min		RW/DM
3-8-17	Pace Hill	3"	1.2	10 min		RW/DM
3-8-17	1214	3"	1.4	10 min		RW/DM
3-8-17	Pansy Loop	3"	1.5	10 min		RW/DM
3-8-17	Mikes RD	3"	1.6	15 min		RW/DM
3-8-17	Luke Dr	3"	1.4	5 min		RW/DM
3-8-17	Joe Branch RD	3"	1.2	15 min		RW/DM
3-8-17	Arvin RD	3"	1.7	20 min		RW/DM
3-8-17	Rocky Ln	3"	1.6	20 min		RW/DM
3-8-17	Stanfield	3"	1.7	10 min		

**FLUSHING OF LINES
 CAWOOD WATER DISTRICT**

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
3-8-17	474 Street	3"	1.6	5 min		RW/DM
3-8-17	3 rd Street	3"	1.7	5 min		RW/DM
3-8-17	2 nd Street	3"	1.8	15 min		RW/DM
3-8-17	1 st Street	3"	1.9	10 min		RW/DM
3-8-17	Reedy mix Road	4"	1.7	20 min		RW/DM
3-8-17	Town Hill	3"	1.5	10 min		RW/DM
3-8-17	Pace Hill	3"	1.2	10 min		RW/DM
3-8-17	1214	3"	1.7	10 min		RW/DM
3-8-17	Pansy Loop	3"	1.5	10 min		RW/DM
3-8-17	MERS RD	3"	1.6	15 min		RW/DM
3-8-17	LUKE DR	3"	1.7	5 min		RW/DM
3-8-17	WEE BRANCH RD	3"	1.2	15 min		RW/DM
3-8-17	ARVIN RD	3"	1.7	20 min		RW/DM
3-8-17	ROCKY LN	3"	1.6	20 min		RW/DM
3-8-17	STANFILD	3"	1.7	10 min		

FLUSHING OF LINES CAWOOD WATER DISTRICT

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
3-8-17	Bardo Ho	3"	1.2	10 min		RW/DM
3-8-17	end of Line 72	3"	1.1	10 min		RW/DM
3-9-17	SUNSET DR	3"	1.3	10 min		RW/DM
3-9-17	Pope Hill	4"	1.8	10 min		RW/DM
3-9-17	Baker St	4"	1.5	10 min		RW/DM
3-9-17	Ward Dr	3"	1.6	10 min		RW/DM
3-9-17	Ward DR	3"	1.6	5 min		RW/DM
3-9-17	Foley St	3"	1.9	5 min		RW/DM
3-9-17	Morris Ln	4"	2.0	5 min		RW/DM
3-9-17	Shope Ln	3"	1.8	30 min		RW/DM
3-9-17	Ohio St	4"	1.7	20 min		RW/DM
3-9-17	Meadow Brooke	3"	1.6	10 min		RW/DM
3-9-17	Maple Dr	4"	1.7	5 min		RW/DM
3-9-17	Caball Es	4"	1.8	5 min		RW/DM
3-9-17	Willson	4"	1.8	5 min		RW/DM

**FLUSHING OF LINES
CAWOOD WATER DISTRICT**

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
3-9-17	Ray Ave	4"	2.0	5 min		RW/DM
3-9-17	Sally Rachel	3"	2.0	5 min		RW/DM
3-10-17	Ball Ln	4"	1.6	10 min		RW/DM
3-10-17	Walnut Loop	4"	1.7	10 min		RW/DM
3-10-17	Marlow	3"	1.6	10 min		RW/DM
3-10-17	Little Creek	3"	1.4	10 min		RW/DM
3-10-17	Miller Dr	3"	1.3	5 min		RW/DM
3-10-17	Jonathan Dr #1	3"	1.4	5 min		RW/DM
3-10-17	Jonathan Dr #2	Fh	1.4	5 min		RW/DM
3-10-17	Jonathan Dr #3	Fh	1.4	5 min		RW/DM
3-10-17	Howard Dr	3"	1.2	10 min		RW/DM
3-10-17	Beech Grove	3"	1.6	5 min		RW/DM
3-10-17	Mary Alice Ps	4"	2.1	20 min		RW/DM
3-10-17	Mary Alice #1	3"	1.8	10 min		RW/DM
3-10-17	Mary Alice #2	2"	1.5	5 min		RW/DM

FLUSHING OF LINES CAWOOD WATER DISTRICT

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
3-15-17	LONG WAY	2	1.9	10 min		RW/CD
3-24-17	BOTTOM OF TANK Hill	4"	1.8	10 min		RW/CD
3-24-17	CORTES LEAFSDS	3"	1.7	10 min		RW/CD
3-24-17	Allen Dr	3"	1.4	10 min		RW/CD
3-24-17	Shelter House Road	3"	1.2	10 min		RW/CD
3-24-17	Powell DR	3"	1.8	10 min		RW/CD
3-24-17	End of 1138	3"	1.8	20 min		RW/CD
3-24-17	MIDDLE Field	3"	1.6	15 min		RW/CD
3-24-17	Sk. Drive CCM PD	3"	1.5	15 min		RW/CD
3-24-17	WINS LN	3"	1.4	15 min		RW/CD
3-24-17	MIDDLETON RD	3"	1.4	5 min		RW/CD
3-24-17	End of 401	3"	1.5	10 min		RW/CD
3-25-17	End 568	3"	1.7	1.5 hours		CM
3-31-17	Sulfes Springs	3"	1.6	15 min		RW/CD
3-31-17	Sk. Drive RD	3"	1.5	10 min		RW/CD

**FLUSHING OF LINES
CAWOOD WATER DISTRICT**

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
3-15-17	LONG WAY	2	1.9	10 min		RW/CD
3-24-17	BOTTOM OF TANK Hill	4"	1.8	10 min		RW/CD
3-24-17	CORTIS LEAFSDS	3"	1.7	10 min		RW/CD
3-24-17	Allen Dr	3"	1.4	10 min		RW/CD
3-24-17	Shelter House Road	3"	1.2	10 min		RW/CD
3-24-17	Howell Dr	3"	1.8	10 min		RW/CD
3-24-17	End of 1138	3"	1.8	20 min		RW/CD
3-24-17	MIDDLE Field	3"	1.6	15 min		RW/CD
3-24-17	Side Drive CCM PD	3"	1.5	15 min		RW/CD
3-24-17	WINS LN	3"	1.4	15 min		RW/CD
3-24-17	MIDDOTON RD	3"	1.4	5 min		RW/CD
3-24-17	End of 401	3"	1.5	10 min		RW/CD
3-25-17	End 568	3"	1.7	1.5 hours		CM
3-31-17	Sulfes SPRINGS	3"	1.6	15 min		RW/CD
3-31-17	SK-DANCE RD	3"	1.5	10 min		RW/CD

FLUSHING OF LINES CAWOOD WATER DISTRICT

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
2-31-17	Spart Branch RD	3"	1.5	20min		RL/CD
3-21-17	End 565	3"	1.4	30min		RL/CD
4-12-17	Francis Ln	2"	1.7	15min		D.M./CD
4-12-17	meade Dr	2"	1.4	10min		D.M./CD
4-12-17	Wilson Dr	2"	1.4	5min		D.M./CD
4-12-17	Hanna Ln	1"	1.4	5min		D.M./CD
4-12-17	Kelly Smith Dr	3"	1.1	5min		D.M./CD
4-12-17	Gilbert Hensley Rd	4"	1.2	15min		D.M./CD
4-12-17	Cool Hand	2"	1.2	30min		D.M./CD
4-12-17	END OF SMITH	4"	1.8	20min		D.M./CD
8-15-17	Jonathan Dr #2	FL	1.2	15min		RL/CD RL/CD
9-15-17	Creek RD	3"	2.0	20min		D.M./C.A.
9-15-17	Scale House	3"	2.0	10min		D.M./C.A.
9-18-17	1st McCreek TPLN	2"	2.0	10min		D.M./C.A.
9-19-17	Grays Branch RD	3"	1.0	20min		RL

FLUSHING OF LINES CAWOOD WATER DISTRICT

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
9/20/17	Long Way	2"	2.0	20 min		RW/JSB
9-20-17	End 4137	3"	1.0	30 min		CR/RS
9/21/17	End 1137	3"	1.2	30 min		RW/DM
9-21-17	Water on 1137	3/4"		10 min		RW/JSB
9-29-17	AT TANK 987 FH	2 1/2"	.2	15 min		RW/DA
9-29-17	End Tank 987	3"	.2	20 min		RW/DA
9-29-17	Cool Hand RD	2"	.5	20 min		RW/DA
9-29-17	Gilbert Hensie RD	4"	1.5	20 min		RW/DA
9-29-17	Kelly Smith RD	3"	1.1	15 min		RW/DA
9-29-17	Hamlin LN	2"	1.3	25 min		RW/DA
9-29-17	Wilson Dr	3"	1.3	10 min		RW/DA
9-29-17	Meada Dr	3"	1.2	10 min		RW/DA
9-29-17	At Tank 987 FH	2 1/2"	1.3	15 min		RW/DA
9-29-17	Francis LN	3"	1.1	20 min		RW/DA
9-29-17	Pump Station	4"	1.3	10 min		RW/DA

FLUSHING OF LINES CAWOOD WATER DISTRICT

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
9/20/17	Long Way	2"	2.0	20 min		RW/JSB
9-20-17	End 4137	3"	1.0	30 min		CR/RS
9/21/17	End 1137	3"	1.2	30 min		RW/DM
9-21-17	Water on 1137	3/4		10 min		RW/JSB
9-29-17	AT TANK 987 <u>FH</u>	2 1/2	.2	15 min		RW/DA
9-29-17	End End 987	3"	.2	20 min		RW/DA
9-29-17	Cool Hand RD	2"	.5	20 min		RW/DA
9-29-17	GILBERT HENSIE RD	4"	1.5	20 min		RW/DA
9-29-17	Kelly Smith RD	3"	1.1	15 min		RW/DA
9-29-17	Hamm LN	2"	1.3	25 min		RW/DA
9-29-17	Wilson Dr	2 1/2 3"	1.3	10 min		RW/DA
9-29-17	MEADA Dr	3"	1.2	10 min		RW/DA
9-29-17	At Tank 987 <u>FH</u>	2 1/2	1.3	15 min		RW/DA
9-29-17	Francis LN	3"	1.1	20 min		RW/DA
9-29-17	Pump Station	4"	1.3	10 min		RW/DA

FLUSHING OF LINES CAWOOD WATER DISTRICT

General Manager _____

Year _____

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
9-27-17	School C-E	3"		10		P.M
9-28-17	Gilbert Hensley	3"		20		Rw/DM
10-9-17	Dod LN	2"	1.0	20		Rw/DM
10-9-17	HANDRAH DR	2"	1.0	10		Rw/DM
10-9-17	QUAIL RD	2"	1.4	15		Rw/DM
10-9-17	DEMME ST	2"	1.5	10		Rw/DM
10-9-17	Carl ST	3"	1.5	10		P.M/RW
10-9-17	HAI ST	2"	1.5	10		P.M/RW
10-9-17	LONG WAY	2"	1.5	10		Rw/DM
10-9-17	FAITH LN	3"	1.5	15		P.M/RW
10-9-17	TRAILOR PARK #1	2"	1.5	10		Rw/DM
10-9-17	TRAILOR PARK #2	2"	1.5	10		Rw/DM
10-9-17	End of 1137	3"	1.5	10		Rw/DM
10-9-17	End of 11410 CR	2"	1.5	30		Rw/DM
10-10-17	DAY LN	2"	2.0	5 min		Rw/DM

FLUSHING OF LINES CAWOOD WATER DISTRICT

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
10-10-17	Hannah Dr	2"	2.0	5		RW/DM
10-10-17	Quails RD	2"	2.0	5 min		RW/DM
10-10-17	Demitt S	2"	2.0	5 min		RW/DM
10-10-17	Nolha <u>Fh</u>	2 1/2"	2.0	10		RW/DM
10-10-17	Hall S	3"	2.0	5		RW/DM
10-10-17	Carl S	2"	2.0	5		RW/DM
10-10-17	Long way	2"	2.0	5		RW/DM
10-10-17	Faith Ln	3"	2.1	20		RW/DM
10-10-17	Tra. 105 Park #1	2	2.1	5		RW/DM
10-10-17	Tra. 105 Park #2	2	2.1	5		RW/DM
10-10-17	End 1137	3	2.1	20		RW/DM
10-10-17	End Littlecreek RD	2	2.1	20		RW/DM
10-12-17	Creek RD	3	2.1	5		D.M./R.W
10-12-17	Sq. Mill	2	2.1	10		D.M./R.W
10-12-17	Scal & House e	4		30		D.M./R.W

**FLUSHING OF LINES
 CAWOOD WATER DISTRICT**

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
10-10-17	Hannock Dr	2"	2.0	5		Rw/DM
10-10-17	Qualls RD	2"	2.0	5 min		Rw/DM
10-10-17	Demitt S	2"	2.0	5 min		Rw/DM
10-10-17	Nolha <u>Fh</u>	2 1/2	2.0	10		Rw/DM
10-10-17	Hgll S	3"	2.0	5		Rw/DM
10-10-17	Clrtl S	2"	2.0	5		Rw/DM
10-10-17	Long way	2"	2.0	5		Rw/DM
10-10-17	Faith Ln	3"	2.1	20		Rw/DM
10-10-17	Tra. 105 Park #1	2	2.1	5		Rw/DM
10-10-17	Tra. 105 Park #2	2	2.1	5		Rw/DM
10-10-17	Enc 1137	3	2.1	20		Rw/DM
10-10-17	Enc Littlecreek PD	2	2.1	20		Rw/DM
10-12-17	Creek RD	3	2.1	5		D.M./R.W
10-12-17	Sq. Mill	2	2.1	10		D.M./R.W
10-12-17	Scale House e	4		30		D.M./R.W

**FLUSHING OF LINES
CAWOOD WATER DISTRICT**

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
10-12-17	Slack H01	2	2.0	10		D.M/R.W
10-12-17	987 at 3 Point	4	2.0	10		D.M/R.W
10-12-17	3 Point	2	2.0	10		D.M/R.W
10-12-17	Bay Branch	3	2.0	15		D.M/R.W
10-12-17	Alder Ln	3	2.0	15		D.M/R.W
10-12-17	Fec Ln	3	2.0	10		D.M/R.W
10-12-17	Green Rd	3	2.0	15		D.M/R.W
10-12-17	987 Before Dam	3	2.0	5		R.W/D.M
10-12-17	on Hill AT Dam	3	2.0	15		R.W/D.M
10-12-17	AT lake	3	2.0	5		R.W/D.M
10-12-17	Hwy 3463	3	2.0	5		R.W/D.M
10-12-17	HOBBS DR #1	3	2.0	10		R.W/D.M
10-12-17	HOBBS DR #2	3	2.0	5		R.W/D.M
10-12-17	Longford RD	3	2.0	5		R.W/D.M
10-12-17	Exotic Bridge RD	3	2.0	10		R.W/D.M

**FLUSHING OF LINES
 CAWOOD WATER DISTRICT**

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
10-12-17	Harbor RD	3				D.M/R.W.
10-20-17	Gray Drive	3				DA
11-22-17	421 HYDRANT	2		120		D.M
11-22-17	END 421	2		60		D.M
11-22-17	END 587	2		40		D.M
11-24-17	Pine Br	2		10		R.W DA
11-25-17	Cool Hand RD	2		30		D.M
12-1-17	DANIELS	2	1.0	15		R.W/BB
12-1-17	END OF 987	3"	1.0	20		R.W/BB
12-1-17	GILBERT HENSHERD	4"	1.9	10		R.W/BB
12-1-17	Kelly Smith RD	3"	1.5	10		R.W/BB
12-1-17	Harkin Ln	2	1.0	10		R.W/BB
12-1-17	Wilson RD	4	1.0	10		R.W/BB
12-1-17	Francis Ln	4	1.0	30		R.W/BB
12-1-17	Day Br	3		10		DA/BB

FLUSHING OF LINES CAWOOD WATER DISTRICT

General Manager _____

Year 2017

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
12-5-17	Little Creek ^{Trailers} Park #1	2	1.5	10 min		DA/BB
12-5-17	Popo Hill	4	1.4	10 min		DA/BB
12-9-17	Day Branch	3	1.4	10 min		DA/BB
12-15-17	Gray Branch RD	4	1.4	20 min		DA
12-18-17	Hwy 1216	3	1.0	10 min		RW DA BB
12-18-17	Chevrolet		1.0	10 min		DA/BB
12-19-17	Cawood		1.9	5 min		RW
12-20-17	Bobs creek		1.6	10 min		RW
12-22-17	Hwy 987		2.1	10 min		DA
12-23-17	Hwy 987 day Br		2.0	10 min		DA
12-24-17	Cranks		1.6	5 min		RW
12-28-17	Crummies P.S.		1.8	5 min		CT
12-26-17	Fee dr.		1.4	10 min		DA/BB
12-22-17	Crummies P.S.		1.6	5 min		CT
12-28-17	Bobs Chr Pru		1.4			

**FLUSHING OF LINES
CAWOOD WATER DISTRICT**

General Manager Ronnie Williams

Year 2018

CHLORINE

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	CHLORINE	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
1-17	gray knob BR	4	1.2	10min		Rw/DA
2-1-18	Long Way	2	1.4	10min		Rw/RU
2-6-18	Long Way	2	1.4	10min		Rw/BB
2-6-18	gray knob BR	4	1.0	15min		Rw
✓ 3-6-18	Day Ln	2	2.0	5		Rw/Rw
✓ 3-6-18	Hanna DR	2	2.0	10		Rw
✓ 3-6-18	QUAIS RD	2	2.0	10		Rw
✓ 3-6-18	DENHAM ST	2	2.0	10		Rw
✓ 3-6-18	Foish HYDRANT ^{NWA}	2 1/2	2.0	15		Rw
✓ 3-6-18	Foish HYDRANT ^{Cawood Hill}	2 1/2	3.0	30		Rw
✓ 3-6-18	Long Way	2	2.0	5		Rw
✓ 3-6-18	Hwy 1137 end of line	3	1.8	10		Rw
✓ 3-7-18	Creek RD	3	1.8	20		Rw
✓ 3-7-18	Meda DR	3	1.8	10		Rw
✓ 3-7-18	Sawmill HO	2	1.4	20		Rw

FLUSHING OF LINES CAWOOD WATER DISTRICT

General Manager RONNIE WILLIAMS

Year 2018

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
✓ 3-7-18	Hwy 3001 Blow-off	4	1.8	15		RW
✓ 3-7-18	Brook HO	2	1.8	15		RW
✓ 3-7-18	River Side store	3	1.8	15		RW
✓ 3-19-18	QUAILS RD	2	2.0	5		RW/RW
✓ 3-21-18	Day Branch	3	1.9	10		RW/RW
✓ 3-21-18	Fec Dr	3	1.9	10		RW/RW
✓ 3-21-18	LOWMOT Loop	3	1.4	10		DB/DA
4-11-18	Hwy 987	4	1.5	10		RW/RW
4-11-18	3-Point	2	1.5	30		RW/RW
4-16-18	6th St	3	1.7	30		RW/SD/DA

FLUSHING OF LINES

CAWOOD WATER DISTRICT

General Manager RONNIE WILLIAMS

Year _____

DATE	LOCATION OF HYDRANTS OR BLOW-OFFS	LINE SIZE	EST G.P.M.	APPROX. TIME OF FLUSHING	WATER USED APPROX.	FLUSHED BY
4-20-18	GULSTON	3"	1.2	15 min		DA BR
4-25-18	FETHEN	3"	1.4	10 min		RW BR
4-6-18	Federal HWY 987	4"	1.4	30 min		RW
4-6-18	3-POINT	2	1.3	20 min		RW
4-17-18	HWY 987	4	1.4	30 min		RW
4-17-18	3-POINT	2	1.4	30 min		RW
4-27-18	HWY 3001	4	1.6	30 min		RW
4-16-18	GRAY KNOB	3	1.5	45 min		RW
4-16-18 5-1-18	6 th ST GRAY KNOB	3	1.5	45 min		RW
5-3-18	MARY ALICE PUMPS STATION	4	1.4	10 min		RW
5-4-18	HWY 2425 FH	2.5	1.4	15 min		RW
5-4-18	VANOUVER LW FH	2.5	1.4	15 min		RW
5-10-18	APP CHALL ACED FH	2.5	1.3	40 min		RW
5-18-18	100th ST FH	2.5	1.9	20 min		RW

**Cawood Water District
Case No. 2018-00068
Commission Staff's Third Request for Information**

4. [Item 4 was omitted from Commission Staff's Third Request for Information].

**Cawood Water District
Case No. 2018-00068
Commission Staff's Third Request for Information**

5. Provide a copy of all purchased power invoices that Cawood District paid during the calendar year ended December 31, 2016. Provide a legend for each address on the invoices that differentiates service related to the Cawood District service area or the Pathfork service area.

Response:

Cawood District has thirteen (13) accounts with Kentucky Utilities, four (4) of which relate to the Pathfork service area: Account Nos. ending 4392, 2317, 9609, and 0740.

Please see Page 2 through Page 16 of this Response for detailed usage and billing histories with respect to each account for calendar year 2016. Cawood District has attempted to compile all individual invoices as requested but believes the documents it is submitting satisfactorily provide the information sought by Commission Staff. Cawood District will endeavor to provide such additional information or documentation as directed by Commission Staff or the Commission.



Kentucky Utilities Company
One Quality Street
Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DISTRICT
NA CATRONS CREEK RD
Contract Account [REDACTED] 9388

Usage & Billing History (01/01/2016 to 12/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
2903385	01/21/2016	1,371.00	11.50	-\$12.34	RETIRED: GS Three Phase - Commercial	Periodic
2903385	02/18/2016	1,213.00	11.50	\$173.59	RETIRED: GS Three Phase - Commercial	Periodic
2903385	03/17/2016	973.00	11.90	\$151.13	RETIRED: GS Three Phase - Commercial	Periodic
2903385	04/18/2016	996.00	11.80	\$143.88	RETIRED: GS Three Phase - Commercial	Periodic
2903385	05/17/2016	896.00	11.50	\$133.32	GS Three Phase - Commercial	Periodic
2903385	06/17/2016	1,022.00	11.70	\$148.14	GS Three Phase - Commercial	Periodic
2903385	07/18/2016	1,391.00	11.70	\$185.74	GS Three Phase - Commercial	Periodic
2903385	08/17/2016	956.00	11.70	\$142.02	GS Three Phase - Commercial	Periodic
2903385	09/16/2016	946.00	11.70	\$140.99	GS Three Phase - Commercial	Periodic
2903385	10/17/2016	991.00	12.00	\$143.81	GS Three Phase - Commercial	Periodic
2903385	11/15/2016	845.00	11.70	\$128.01	GS Three Phase - Commercial	Periodic
2903385	12/15/2016	1,194.00	11.70	\$166.60	GS Three Phase - Commercial	Periodic



Kentucky Utilities Company
One Quality Street
Lexington, KY 40507-1462

a PPL company

**CAWOOD WATER DISTRICT
340 UPPER ELCOMB DR PUMP
Contract Account [REDACTED] 6754**

Usage & Billing History (01/01/2016 to 01/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
L182882	01/19/2016	0.00		\$27.52	RETIRED: GS Single Phase - Commercial	Periodic



Kentucky Utilities Company
 One Quality Street
 Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DISTRICT
 NA PACE HILL
 Contract Account [REDACTED] 6929

Usage & Billing History (01/01/2016 to 12/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
M443881	01/19/2016	53.00		\$32.88	RETIRED: GS Single Phase - Commercial	Periodic
M443881	02/18/2016	52.00		\$33.07	RETIRED: GS Single Phase - Commercial	Periodic
M443881	03/17/2016	38.00		\$31.48	RETIRED: GS Single Phase - Commercial	Periodic
M443881	04/18/2016	45.00		\$30.25	RETIRED: GS Single Phase - Commercial	Periodic
M443881	05/17/2016	37.00		\$29.88	GS Single Phase - Commercial	Periodic
M443881	06/16/2016	36.00		\$30.07	GS Single Phase - Commercial	Periodic
M443881	07/18/2016	35.00		\$29.88	GS Single Phase - Commercial	Periodic
M443881	08/17/2016	31.00		\$29.14	GS Single Phase - Commercial	Periodic
M443881	09/16/2016	34.00		\$29.28	GS Single Phase - Commercial	Periodic
M443881	10/17/2016	39.00		\$29.70	GS Single Phase - Commercial	Periodic
M443881	11/15/2016	39.00		\$29.60	GS Single Phase - Commercial	Periodic
M443881	12/15/2016	46.00		\$31.22	GS Single Phase - Commercial	Periodic



Kentucky Utilities Company
 One Quality Street
 Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DISTRICT
1100 HIGHWAY 421
 Contract Account [REDACTED] 7307

Usage & Billing History (01/01/2016 to 12/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
W151116	01/19/2016	41.00		\$31.66	RETIRED: GS Single Phase - Commercial	Periodic
W151116	02/17/2016	32.00		\$30.93	RETIRED: GS Single Phase - Commercial	Periodic
W151116	03/16/2016	26.00		\$30.15	RETIRED: GS Single Phase - Commercial	Periodic
W151116	04/15/2016	30.00		\$28.70	RETIRED: GS Single Phase - Commercial	Periodic
W151116	05/16/2016	33.00		\$29.47	GS Single Phase - Commercial	Periodic
W151116	06/16/2016	23.00		\$28.73	GS Single Phase - Commercial	Periodic
W151116	07/18/2016	17.00		\$28.02	GS Single Phase - Commercial	Periodic
W151116	08/17/2016	3.00		\$26.20	GS Single Phase - Commercial	Periodic
W151116	09/16/2016	6.00		\$26.33	GS Single Phase - Commercial	Periodic
W151116	10/18/2016	25.00		\$28.24	GS Single Phase - Commercial	Periodic
W151116	11/15/2016	27.00		\$28.37	GS Single Phase - Commercial	Periodic
W151116	12/15/2016	25.00		\$29.03	GS Single Phase - Commercial	Periodic



Kentucky Utilities Company
 One Quality Street
 Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DIST
 NA BLACKMONT RD
 Contract Account [REDACTED] 9609

Usage & Billing History (05/18/2017 to 06/18/2018)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
2910726	05/24/2017	810.00	3.20	\$127.20	GS Three Phase - Commercial	Periodic
2910726	06/28/2017	958.00	3.20	\$142.94	GS Three Phase - Commercial	Periodic
2910726	07/27/2017	795.00	3.20	\$135.89	GS Three Phase - Commercial	Periodic
2910726	08/24/2017	746.00	3.20	\$131.12	GS Three Phase - Commercial	Periodic
2910726	09/27/2017	921.00	3.20	\$147.27	GS Three Phase - Commercial	Periodic
2910726	10/26/2017	756.00	3.20	\$128.59	GS Three Phase - Commercial	Periodic
2910726	11/22/2017	686.00	3.20	\$123.83	GS Three Phase - Commercial	Periodic
2910726	12/27/2017	875.00	3.20	\$144.57	GS Three Phase - Commercial	Periodic
2910726	01/01/2018	799.00	3.20	\$138.50	GS Three Phase - Commercial	Meter
2910726	02/23/2018	727.00	3.20	\$132.92	GS Three Phase - Commercial	Periodic
2910726	03/23/2018	677.00	3.20	\$123.05	GS Three Phase - Commercial	Periodic
2910726	04/25/2018	866.00	3.30	\$136.53	GS Three Phase - Commercial	Periodic
2910726	05/25/2018	883.00	3.20	\$140.35	GS Three Phase - Commercial	Periodic



Kentucky Utilities Company
 One Quality Street
 Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DISTRICT
 NA CRUMMIES
 Contract Account [REDACTED] 5991

Usage & Billing History (01/01/2016 to 12/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
M402349	01/05/2016	0.00		\$27.52	RETIRED: GS Single Phase - Commercial	Periodic
M402349	02/02/2016	0.00		\$27.51	RETIRED: GS Single Phase - Commercial	Periodic
M402349	03/02/2016	0.00		\$27.28	RETIRED: GS Single Phase - Commercial	Periodic
M402349	04/01/2016	0.00		\$25.61	RETIRED: GS Single Phase - Commercial	Periodic
M402349	05/02/2016	0.00		\$26.09	RETIRED: GS Single Phase - Commercial	Periodic
M402349	06/01/2016	0.00		\$26.34	GS Single Phase - Commercial	Periodic
M402349	07/01/2016	0.00		\$26.27	GS Single Phase - Commercial	Periodic
M402349	08/02/2016	0.00		\$25.89	GS Single Phase - Commercial	Periodic
M402349	09/01/2016	0.00		\$25.69	GS Single Phase - Commercial	Periodic
M402349	10/03/2016	0.00		\$25.65	GS Single Phase - Commercial	Periodic
M402349	10/31/2016	0.00		\$25.58	GS Single Phase - Commercial	Periodic
M402349	12/05/2016	0.00		\$26.43	GS Single Phase - Commercial	Periodic
UNMETERED	01/04/2016	52.00		\$8.69	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERED	02/02/2016	44.00		\$9.13	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERED	03/02/2016	40.00		\$9.30	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERED	04/01/2016	39.00		\$8.84	LS 428: OH HPS Open Bottom 9500L Fixture	



Kentucky Utilities Company
One Quality Street
Lexington, KY 40507-1462

a PPL company

UNMETERE D	05/02/2016	36.00		\$8.87	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERE D	06/01/2016	32.00		\$8.98	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERE D	07/01/2016	30.00		\$8.96	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERE D	08/02/2016	33.00		\$8.96	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERE D	09/01/2016	34.00		\$8.94	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERE D	09/30/2016	36.00		\$8.87	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERE D	10/31/2016	43.00		\$8.80	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERE D	12/01/2016	47.00		\$8.90	LS 428: OH HPS Open Bottom 9500L Fixture	



Kentucky Utilities Company
 One Quality Street
 Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DISTRICT
 NA SLACK HOLLOW
 Contract Account [REDACTED] 6346

Usage & Billing History (01/01/2016 to 12/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
2901466	01/04/2016	2,203.00	9.80	\$266.79	RETIRED: GS Three Phase - Commercial	Periodic
2901466	02/02/2016	2,498.00	10.60	\$310.83	RETIRED: GS Three Phase - Commercial	Periodic
2901466	03/02/2016	2,636.00	10.50	\$334.85	RETIRED: GS Three Phase - Commercial	Periodic
2901466	04/01/2016	2,608.00	10.20	\$310.44	RETIRED: GS Three Phase - Commercial	Periodic
2901466	05/02/2016	2,191.00	9.90	\$265.64	RETIRED: GS Three Phase - Commercial	Periodic
2901466	06/01/2016	2,179.00	9.80	\$268.14	GS Three Phase - Commercial	Periodic
2901466	07/01/2016	2,253.00	10.10	\$274.32	GS Three Phase - Commercial	Periodic
2901466	08/02/2016	2,191.00	9.90	\$272.01	GS Three Phase - Commercial	Periodic
2901466	09/01/2016	2,402.00	9.90	\$294.70	GS Three Phase - Commercial	Periodic
2901466	10/03/2016	2,289.00	9.90	\$278.44	GS Three Phase - Commercial	Periodic
2901466	10/31/2016	2,215.00	16.60	\$269.18	GS Three Phase - Commercial	Periodic
2901466	12/05/2016	2,716.00	9.70	\$325.06	GS Three Phase - Commercial	Periodic



Kentucky Utilities Company
 One Quality Street
 Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DISTRICT
NA CAWOOD BOTTOM PLANT
 Contract Account [REDACTED] 5209

Usage & Billing History (01/01/2016 to 12/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
C527885	01/04/2016	75,456.00	125.10	\$4,570.57	RETIRED: Power Service Secondary	Periodic
C527885	02/02/2016	76,032.00	129.30	\$4,845.18	RETIRED: Power Service Secondary	Periodic
C527885	03/02/2016	72,192.00	128.50	\$5,001.42	RETIRED: Power Service Secondary	Periodic
C527885	04/01/2016	61,344.00	126.70	\$4,254.18	RETIRED: Power Service Secondary	Periodic
C527885	05/02/2016	56,736.00	127.00	\$4,292.67	RETIRED: Power Service Secondary	Periodic
C527885	06/01/2016	46,464.00	81.10	\$3,131.53	PS Secondary - Commercial	Periodic
C527885	07/01/2016	47,616.00	82.50	\$3,170.01	PS Secondary - Commercial	Periodic
C527885	08/02/2016	48,288.00	84.20	\$3,343.41	PS Secondary - Commercial	Periodic
C527885	09/01/2016	40,800.00	84.40	\$3,123.08	PS Secondary - Commercial	Periodic
C527885	09/30/2016	43,872.00	83.50	\$2,950.29	PS Secondary - Commercial	Periodic
C527885	10/31/2016	52,128.00	101.70	\$3,501.14	PS Secondary - Commercial	Periodic
C527885	12/05/2016	74,784.00	124.20	\$4,583.67	PS Secondary - Commercial	Periodic
UNMETERED	01/04/2016	52.00		\$8.69	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERED	02/02/2016	44.00		\$9.13	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERED	03/02/2016	40.00		\$9.30	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERED	04/01/2016	39.00		\$8.84	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERED	05/02/2016	36.00		\$8.87	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERED	06/01/2016	32.00		\$8.98	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERED	07/01/2016	30.00		\$8.96	LS 428: OH HPS Open Bottom 9500L Fixture	



Kentucky Utilities Company
One Quality Street
Lexington, KY 40507-1462

a PPL company

UNMETERE D	08/02/2016	33.00		\$8.96	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERE D	09/01/2016	34.00		\$8.94	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERE D	09/30/2016	36.00		\$8.87	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERE D	10/31/2016	43.00		\$8.80	LS 428: OH HPS Open Bottom 9500L Fixture	
UNMETERE D	12/01/2016	47.00		\$8.90	LS 428: OH HPS Open Bottom 9500L Fixture	



Kentucky Utilities Company
 One Quality Street
 Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DISTRICT
 NA STEEL HOUSE BRANCH
 Contract Account [REDACTED] 3384

Usage & Billing History (01/01/2016 to 12/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
C417303	01/04/2016	31.00		\$30.65	RETIRED: GS Single Phase - Commercial	Periodic
C417303	02/02/2016	26.00		\$30.29	RETIRED: GS Single Phase - Commercial	Periodic
C417303	03/02/2016	27.00		\$30.27	RETIRED: GS Single Phase - Commercial	Periodic
C417303	04/01/2016	28.00		\$28.50	RETIRED: GS Single Phase - Commercial	Periodic
C417303	05/02/2016	29.00		\$29.05	RETIRED: GS Single Phase - Commercial	Periodic
C417303	06/01/2016	28.00		\$29.25	GS Single Phase - Commercial	Periodic
C417303	07/01/2016	29.00		\$29.25	GS Single Phase - Commercial	Periodic
C417303	08/02/2016	29.00		\$28.93	GS Single Phase - Commercial	Periodic
C417303	09/01/2016	28.00		\$28.65	GS Single Phase - Commercial	Periodic
C417303	09/30/2016	27.00		\$28.45	GS Single Phase - Commercial	Periodic
C417303	10/31/2016	29.00		\$28.56	GS Single Phase - Commercial	Periodic
C417303	12/02/2016	30.00		\$29.55	GS Single Phase - Commercial	Periodic



Kentucky Utilities Company
 One Quality Street
 Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DISTRICT
10948B HIGHWAY 987 PUMP STA
 Contract Account [REDACTED] 5694

Usage & Billing History (01/01/2016 to 12/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
2900477	02/02/2016	746.00	4.30	\$123.70	RETIRED: GS Three Phase - Commercial	Periodic
2900477	03/02/2016	451.00	4.30	\$93.47	RETIRED: GS Three Phase - Commercial	Periodic
2900477	04/01/2016	472.00	4.30	\$89.73	RETIRED: GS Three Phase - Commercial	Periodic
2900477	04/29/2016	442.00	4.30	\$86.91	RETIRED: GS Three Phase - Commercial	Periodic
2900477	06/01/2016	588.00	4.40	\$103.12	GS Three Phase - Commercial	Periodic
2900477	06/30/2016	460.00	4.30	\$89.46	GS Three Phase - Commercial	Periodic
2900477	08/01/2016	495.00	4.30	\$93.52	GS Three Phase - Commercial	Periodic
2900477	08/31/2016	445.00	4.20	\$88.09	GS Three Phase - Commercial	Periodic
2900477	09/29/2016	409.00	4.20	\$83.45	GS Three Phase - Commercial	Periodic
2900477	10/28/2016	412.00	4.40	\$83.39	GS Three Phase - Commercial	Periodic
2900477	11/30/2016	487.00	4.40	\$92.99	GS Three Phase - Commercial	Periodic
2900477	12/30/2016	431.00	4.40	\$86.04	GS Three Phase - Commercial	Periodic



Kentucky Utilities Company
 One Quality Street
 Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DISTRICT
 15417 HIGHWAY 987
 Contract Account [REDACTED] 9549

Usage & Billing History (01/01/2016 to 12/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
L259803	02/01/2016	5.00		\$28.05	RETIRED: GS Single Phase - Commercial	Periodic
L259803	03/01/2016	5.00		\$27.84	RETIRED: GS Single Phase - Commercial	Periodic
L259803	03/31/2016	6.00		\$26.23	RETIRED: GS Single Phase - Commercial	Periodic
L259803	05/02/2016	5.00		\$26.61	RETIRED: GS Single Phase - Commercial	Periodic
L259803	06/01/2016	5.00		\$26.86	GS Single Phase - Commercial	Periodic
L259803	06/30/2016	5.00		\$26.79	GS Single Phase - Commercial	Periodic
L259803	08/01/2016	2.00		\$26.09	GS Single Phase - Commercial	Periodic
L259803	08/31/2016	0.00		\$25.69	GS Single Phase - Commercial	Periodic
L259803	09/29/2016	10.00		\$26.69	GS Single Phase - Commercial	Periodic
L259803	10/28/2016	17.00		\$27.33	GS Single Phase - Commercial	Periodic
L259803	11/30/2016	25.00		\$29.03	GS Single Phase - Commercial	Periodic
L259803	12/30/2016	24.00		\$28.54	GS Single Phase - Commercial	Periodic



Kentucky Utilities Company
 One Quality Street
 Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DISTRICT
 3269 HIGHWAY 72
 Contract Account [REDACTED] 2317

Usage & Billing History (01/01/2016 to 12/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
C373721	01/28/2016	0.00		\$27.52	RETIRED: GS Single Phase - Commercial	Periodic
C373721	02/25/2016	0.00		\$27.51	RETIRED: GS Single Phase - Commercial	Periodic
C373721	03/24/2016	0.00		\$27.28	RETIRED: GS Single Phase - Commercial	Periodic
C373721	04/26/2016	0.00		\$25.61	RETIRED: GS Single Phase - Commercial	Periodic
C373721	05/25/2016	0.00		\$26.09	RETIRED: GS Single Phase - Commercial	Periodic
C373721	06/24/2016	0.00		\$26.34	GS Single Phase - Commercial	Periodic
C373721	07/26/2016	0.00		\$26.27	GS Single Phase - Commercial	Periodic
C373721	08/25/2016	0.00		\$25.89	GS Single Phase - Commercial	Periodic
C373721	09/26/2016	0.00		\$25.69	GS Single Phase - Commercial	Periodic
C373721	10/25/2016	0.00		\$25.65	GS Single Phase - Commercial	Periodic
C373721	11/23/2016	0.00		\$25.58	GS Single Phase - Commercial	Periodic
C373721	12/28/2016	0.00		\$26.43	GS Single Phase - Commercial	Periodic



Kentucky Utilities Company
 One Quality Street
 Lexington, KY 40507-1462

a PPL company

CAWOOD WATER DISTRICT
2525 W HIGHWAY 72 PUMP STA
 Contract Account [REDACTED] 4392

Usage & Billing History (01/01/2016 to 12/31/2016)

Division: Electric

Device	Read Date	Usage	kw Demand	Bill Amount	Rate Category	Meter Reading Reason
2903388	01/19/2016	436.00	11.80	\$88.13	RETIRED: GS Three Phase - Commercial	Periodic
2903388	02/17/2016	801.00	6.20	\$129.57	RETIRED: GS Three Phase - Commercial	Periodic
2903388	03/16/2016	988.00	6.90	\$152.80	RETIRED: GS Three Phase - Commercial	Periodic
2903388	04/15/2016	238.00	2.00	\$65.56	RETIRED: GS Three Phase - Commercial	Periodic
2903388	05/16/2016	252.00	1.20	\$67.50	RETIRED: GS Three Phase - Commercial	Periodic
2903388	06/16/2016	403.00	1.10	\$83.95	GS Three Phase - Commercial	Periodic
2903388	07/18/2016	564.00	6.50	\$100.29	GS Three Phase - Commercial	Periodic
2903388	08/17/2016	1,703.00	6.70	\$220.64	GS Three Phase - Commercial	Periodic
2903388	09/16/2016	1,769.00	6.40	\$227.88	GS Three Phase - Commercial	Periodic
2903388	10/18/2016	436.00	6.10	\$86.26	GS Three Phase - Commercial	Periodic
2903388	11/15/2016	421.00	6.50	\$84.31	GS Three Phase - Commercial	Periodic
2903388	12/15/2016	405.00	6.70	\$84.45	GS Three Phase - Commercial	Periodic

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

AN INVESTIGATION INTO THE FEASIBILITY)
OF PROPOSED MERGER OF CAWOOD WATER) CASE NO. 2018-00068
DISTRICT AND BLACK MOUNTAIN UTILITY)
DISTRICT PURSUANT TO KRS 74.361)

VERIFICATION OF LANA PACE

COMMONWEALTH OF KENTUCKY)
COUNTY OF HARLAN)

Lana Pace, being duly sworn, states that s/he has supervised the preparation of certain of the responses of Cawood Water District to Commission Staff's Third Request for Information propounded in the above-referenced proceeding and that the matters and things set forth in those responses are true and accurate to the best of his/her knowledge, information and belief, formed after reasonable inquiry.

Lana Pace
NAME

The foregoing Verification was signed, acknowledged and sworn to before me this 14 day of June, 2018, by Lana Pace

Margaret Howard Brown
NOTARY PUBLIC
Commission Expiration: 9-28-19

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

AN INVESTIGATION INTO THE FEASIBILITY)
OF PROPOSED MERGER OF CAWOOD WATER) CASE NO. 2018-00068
DISTRICT AND BLACK MOUNTAIN UTILITY)
DISTRICT PURSUANT TO KRS 74.361)

VERIFICATION OF Ronald Williams, Jr.

COMMONWEALTH OF KENTUCKY)
COUNTY OF HARLAN)

Ronald Williams, Jr., being duly sworn, states that s/he has supervised the preparation of certain of the responses of Cawood Water District to Commission Staff's Third Request for Information propounded in the above-referenced proceeding and that the matters and things set forth in those responses are true and accurate to the best of his/her knowledge, information and belief, formed after reasonable inquiry.

Ronald Williams Jr
NAME

The foregoing Verification was signed, acknowledged and sworn to before me this 14TH day of June, 2018, by Ronald Williams Jr.

Margaret Howard Borman
NOTARY PUBLIC
Commission Expiration: 9-28-19