COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

PURCHASED WATER ADJUSTMENT FILING OF) CASE NO. KIRKSVILLE WATER ASSOCIATION, INC.) 2019-00220

ORDER

On June 25, 2019, Kirksville Water Association (Kirksville Water) applied for approval to adjust its rates pursuant to the purchased water adjustment procedure.¹

The Commission notes that in its 2018 Annual Report, Kirksville Water reported a water loss of 20.0737 percent.² Kirksville Water's application provides updated purchases and sales information for a more current period than the 2018 Annual Report. Commission regulation 807 KAR 5:066, Section 6(3), states that for rate making purposes a utility's unaccounted for water loss shall not exceed 15 percent of total water produced and purchased, excluding water consumed by a utility in its own operations. Based upon the updated information in the application and the percentage of other water consumed by the utility in its 2018 Annual Report,³ Kirksville Water's unaccounted-for water loss is determined to be 22.92 percent for the updated period.⁴ Reduction of Kirksville Water's

¹ KRS 278.015; 807 KAR 5:068.

² 2018 Annual Report at 56.

³ Id., line 21 (163,925) divided by line 4 (115,354,326) equals 0.142 percent.

 ⁴ Total Purchases (application PWA Form 1 at 2)
 115,621,352

 Less Total Sales (application PWA Form 1 at 2)
 88,958,066

 Less Plant Use (% determined from 2018 AR)
 164,304

 Water Loss – Cubic Feet
 26,498,982

 Water Loss – Percent
 22,92%

unaccounted-for water loss to 15 percent would result in an approximate \$33,347.48⁵ decrease to purchased water expense. Potentially, Kirksville Water is paying \$0.37 per 1000 gallons sold for expenses associated with unaccounted-for water loss in excess of the allowable 15 percent⁶ threshold.

The Commission is placing greater emphasis on monitoring utilities that consistently exceed the 15 percent unaccounted-for water loss threshold and strongly encourages Kirksville Water to pursue reasonable actions to reduce its unaccounted-for water loss. Failure by Kirksville Water to make significant progress towards reducing unaccounted-for water loss may cause the Commission to pursue additional action with the utility.

The Commission, having reviewed the record and being sufficiently advised, finds that:

- 1. Kirksville Water purchases water from Richmond Utilities (Richmond).
- 2. Richmond notified Kirksville Water that its wholesale volumetric water rate would increase from \$2.43398 per 100 cubic feet to \$2.49239 per 100 cubic feet and that the Kentucky River Authority Fee would be unchanged, effective July 1, 2019.⁷ Kirksville Water proposes to increase the water rates to its customers effective July 1, 2019, to reflect the increased cost of purchased water from Richmond.

⁵ Water loss above 15 percent is 7.92 percent, potential purchased water expensed reduction (Total water cost at new wholesale rate times water loss above 15 percent) = \$33,347.48.

⁶ Potential purchased water expense reduction divided by sales in gallons (\$33,347.48/ (88,958,066/1000)) equals \$0.37 per 1000 gallons.

⁷ TFS 2019-00265 (Ky. PSC filed May 1, 2019); the tariff was accepted for filing by the Commission by letter dated June 27, 2019.

- Kirksville Water proposed a purchased water adjustment factor of \$0.11 per
 1,000 gallons in its application.
- 4. During the 12 months ended April 2, 2019, Kirksville Water purchased 115,621,352 gallons of water from Richmond. During the same period, Kirksville Water sold 88,958,066 gallons of water. The increase in the cost of purchased water is \$9,029.00, resulting in a purchased water adjustment factor of \$0.11 per 1,000 gallons.
- 5. The purchased water adjustment factor of \$0.11 per 1,000 gallons, as calculated in Appendix A to this Order, is fair, just and reasonable, and should be approved.
 - 6. Kirksville Water's proposed rates should be approved.
- 7. The rates as set forth in Appendix B to this Order, are fair, just and reasonable, and should be approved for water service rendered by Kirksville Water on and after July 1, 2019.

IT IS THEREFORE ORDERED that:

- 1. The purchased water adjustment factor of \$0.11 per 1,000 gallons is approved.
 - 2. The rates proposed by Kirksville Water are approved.
- The rates as set forth in Appendix B to this Order are approved for water service rendered by Kirksville Water on and after July 1, 2019.
- 4. Within 20 days of the date of entry of this Order, Kirksville Water shall file with the Commission, using the Commission's electronic Tariff Filing System, revised tariff sheets showing the rates approved herein.

- 5. Within 30 days of the date of entry of this Order, Kirksville Water shall file with the Commission Proof of Notice pursuant to 807 KAR 5:068, Section 5(3).
- Any document filed pursuant to ordering paragraph 5 of this Order shall reference the number of this case and shall be retained in the post case correspondence file.
 - 7. This case is closed and removed from the Commission's docket.

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By the Commission

ENTERED

JUL 23 2019

KENTUCKY PUBLIC SERVICE COMMISSION

ATTEST:

Executive Director

C.7: 7: 4501

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2019-00220 DATED JUL 2 3 2019

Richmond	New Rate	Base Rate	
Purchases in cubic feet	15,457,400	15,457,400	
KY River Authority Volumetric rate	\$0.232/100 \$2.49239/100	\$0.232/100 \$2.43398/100	
Total Volumetric rate	\$2.72439/100 \$421,119.86	\$ 2.66598/100 \$412,091.19	
Increased water cost		\$ 9,028.67	
Increased water cost Divided by Gallons sold/1,000 Purchased water adjustment factor		\$ 9,028.67 <u>88,958,066</u> \$ 0.1015 per 1,000 Gallons	

or \$ 0.11 per 1,000 Gallons

APPENDIX B

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2019-00220 DATED JUL 2 3 2019

The following rates and charges are prescribed for the customers in the area served by Kirksville Water Association. All other rates and charges not specifically mentioned herein shall remain the same as those in effect under authority of the Commission prior to the effective date of this Order.

Monthly Water Rates

First	2,000 Gallons	\$ 20.27 Minimum Bill
Next	3,000 Gallons	\$ 9.78 per 1,000 Gallons
Next	5,000 Gallons	\$ 8.31 per 1,000 Gallons
Over	10,000 Gallons	\$ 7.09 per 1,000 Gallons

*Kirksville Water Association, Inc. 297 Michelle Drive P. O. Box 670 Richmond, KY 40476-0670

*Armon Sanders President Kirksville Water Association, Inc. P. O. Box 670 Richmond, KY 40476-0670