

Bath County Water District

POST OFFICE BOX 369
SALT LICK, KENTUCKY 40371
TELEPHONE: (606) 683-6363
TDD/TTY 1-800-648-6056

May 11, 2021

Public Service Commission
Tariff Review Branch
P. O. Box 615
Frankfort, Kentucky 40602-0615

RE: Case No 2021-00186
Bath County Water District
(Purchased Water Adjustment)

Enclosed please find the calculation and supporting documents used to determine the change in purchased water cost, requested in the PSC letter dated May 10, 2021 regarding a filing deficiency.

If you need further information please call.

Sincerely,



Sherri Greene
Co-Manager

Enclosures

MT STERLING MUPB MT STERLING

DATE MUPB MT. STER MUPB OLD RATE NEW RATE MUPB OLD RATE NEW RATE MT STERLING OLD RATE NEW RATE

	USAGE	USAGE	\$\$\$	\$\$\$	\$\$\$	\$\$\$
April-20	30,261	1,698	62,562.85	67,310.78	5,280.78	5,382.66
May-20	32,615	1,772	66,023.23	71,065.41	5,510.92	5,617.24
June-20	37,051	1,821	72,544.15	78,140.83	5,663.31	5,772.57
July-20	37,637	1,535	73,405.57	79,075.50	4,773.85	4,865.95
August-20	37,835	1,529	73,696.63	79,391.31	4,755.19	4,846.93
September-20	33,734	2,571	67,668.16	72,850.21	7,995.81	8,150.07
October-20	32,123	2,303	65,299.99	70,280.67	7,162.33	7,300.51
November-20	30,254	1,693	62,552.56	67,299.61	5,265.23	5,366.81
December-20	33,756	1,585	67,700.50	72,885.30	4,929.35	5,024.45
January-21	34,048	1,579	68,129.74	73,351.04	4,910.69	5,005.43
February-21	34,772	1,420	69,194.02	74,505.82	4,416.20	4,501.40
March-21	35,494	1,395	70,255.36	75,657.41	4,338.45	4,422.15
TOTALS	409,580	20,901	819,032.76	881,813.86	65,002.11	66,256.17

TOTAL GALLONS PURCHASED 430,481 \$DIFFERENCE \$62,781.10 \$1,254.06

Purchase water difference \$64,035.16

GALLONS SOLD FROM BILLING 404,453 Purchase water adj factr \$0.158

MOREHEAD UTILITY PLANT BOARD

2020-2021

	DAYS	USAGE (IN 000)	USAGE PER DAY (IN 000)	RATE PER THOUSAND	COST PER THOUSAND	CAPITAL COST	TOTAL COST
Apr-20	28	35,494	1,268	1.470	\$52,176.18	\$18,079.18	\$70,255.36
May-20	31	30,261	976	1.470	\$44,483.67	\$18,079.18	\$62,562.85
Jun-20	30	32,615	1,087	1.470	\$47,944.05	\$18,079.18	\$66,023.23
Jul-20	31	37,051	1,195	1.470	\$54,464.97	\$18,079.18	\$72,544.15
Aug-20	30	37,637	1,255	1.470	\$55,326.39	\$18,079.18	\$73,405.57
Sep-20	31	37,835	1,220	1.470	\$55,617.45	\$18,079.18	\$73,696.63
Oct-20	31	33,734	1,088	1.470	\$49,588.98	\$18,079.18	\$67,668.16
Nov-20	30	32,123	1,071	1.470	\$47,220.81	\$18,079.18	\$65,299.99
Dec-20	31	30,254	976	1.470	\$44,473.38	\$18,079.18	\$62,552.56
Jan-21	31	33,756	1,089	1.470	\$49,621.32	\$18,079.18	\$67,700.50
Feb-21	31	34,048	1,098	1.470	\$50,050.56	\$18,079.18	\$68,129.74
Mar-21	31	34,772	1,122	1.470	\$51,114.84	\$18,079.18	\$69,194.02
		409,580					\$819,032.76

Meter Usage History

For Account: 102590.000

Name: BATH CO WATER

Service Address: MASTER MTR
 MOREHEAD KY 40351

Read Date	Reading	Usage	Meter	Est	Utility
03/25/2021	14422880	35,494,000.00	32996012	No	W
02/23/2021	14067940	34,772,000.00	32996012	No	W
01/25/2021	13720220	34,048,000.00	32996012	No	W
12/25/2020	13379740	33,756,000.00	32996012	No	W
11/24/2020	13042180	30,254,000.00	32996012	No	W
10/25/2020	12739640	32,123,000.00	32996012	No	W
09/25/2020	12418410	33,734,000.00	32996012	No	W
08/25/2020	12081070	37,835,000.00	32996012	No	W
07/25/2020	11702720	37,637,000.00	32996012	No	W
06/24/2020	11326350	37,051,000.00	32996012	No	W
05/25/2020	10955840	32,615,000.00	32996012	No	W
04/24/2020	10629690	30,261,000.00	32996012	No	W
		409,580,000.00			

Mount Sterling Water

Usage 4/1/2020-3/31/2021

19-600-1

19-500-1

1,578,600	119,000	1,697,600	1,698
1,554,798	217,000	1,771,798	1,772
1,612,469	208,900	1,821,369	1,821
1,407,423	128,000	1,535,423	1,535
1,426,550	102,000	1,528,550	1,529
2,370,899	200,000	2,570,899	2,571
2,156,961	146,000	2,302,961	2,303
1,550,418	143,000	1,693,418	1,693
1,435,091	150,000	1,585,091	1,585
1,425,841	153,000	1,578,841	1,579
1,276,529	144,000	1,420,529	1,421
1,250,751	144,000	1,394,751	1,395
19,046,330	1,854,900	20,901,230	20,901
19,046	1,855	20,901	
\$60,376.87	\$5,880.03	\$66,256.90	

MSWS Transaction History Report

Service Type(s) All
 Transaction Date Range 4/1/2020 To 3/31/2021
 AR Type All
 AR Code All
 Include Applied Credit Trans.
 Print Billing Address
 Print Service Address
 Batch Range All
 Transaction Amount All

Print AddOn Amounts
 AddOn Type Reporting Group Add On Reporting Group
 Report Breakdown Level Full Transaction Detail
 Print Usage
 Use Reading Factor
 Print Check Numbers
 Print Running Balance
 Start With Zero Balance
 Print Transactions In Descending Order
 Include Customer Credit Amounts
 Include Reverse Penalty Trx Only

Batch	Code	Description	Date	Service	Rate	Usage	Service	Local Tax	State Tax	Penalty	Credits	Total	Balance
Water, Bath Co													
				Cycle 2									
0019-00600-001	WTR	Water Billing	04/09/20	WATER	002	119,000	377.23	0.00	0.00	0.00	0.00	377.23	377.23
555	PAY	Payment	04/16/20	WATER	002	217,000	(377.23)	0.00	0.00	0.00	0.00	(377.23)	0.00
555	WTR	Water Billing	05/08/20	WATER	002	217,000	687.89	0.00	0.00	0.00	0.00	687.89	687.89
555	PAY	Payment	05/20/20	WATER	002	208,900	(687.89)	0.00	0.00	0.00	0.00	(687.89)	0.00
555	WTR	Water Billing	06/09/20	WATER	002	208,900	662.21	0.00	0.00	0.00	0.00	662.21	662.21
555	PAY	Payment	06/19/20	WATER	002	128,000	(662.21)	0.00	0.00	0.00	0.00	(662.21)	0.00
555	WTR	Water Billing	07/09/20	WATER	002	128,000	405.76	0.00	0.00	0.00	0.00	405.76	405.76
555	PAY	Payment	07/17/20	WATER	002	102,000	(405.76)	0.00	0.00	0.00	0.00	(405.76)	0.00
555	WTR	Water Billing	08/07/20	WATER	002	102,000	323.34	0.00	0.00	0.00	0.00	323.34	323.34
555	PAY	Payment	08/19/20	WATER	002	200,000	(323.34)	0.00	0.00	0.00	0.00	(323.34)	0.00
555	WTR	Water Billing	09/09/20	WATER	002	200,000	634.00	0.00	0.00	0.00	0.00	634.00	634.00
555	PAY	Payment	09/18/20	WATER	002	146,000	(634.00)	0.00	0.00	0.00	0.00	(634.00)	0.00
555	WTR	Water Billing	10/07/20	WATER	002	146,000	462.82	0.00	0.00	0.00	0.00	462.82	462.82
555	PAY	Payment	10/16/20	WATER	002	143,000	(462.82)	0.00	0.00	0.00	0.00	(462.82)	0.00
555	WTR	Water Billing	11/09/20	WATER	002	143,000	453.31	0.00	0.00	0.00	0.00	453.31	453.31
555	PAY	Payment	11/19/20	WATER	002	150,000	(453.31)	0.00	0.00	0.00	0.00	(453.31)	0.00
555	WTR	Water Billing	12/09/20	WATER	002	150,000	475.50	0.00	0.00	0.00	0.00	475.50	475.50
555	PAY	Payment	12/18/20	WATER	002	153,000	(475.50)	0.00	0.00	0.00	0.00	(475.50)	0.00
555	WTR	Water Billing	01/08/21	WATER	002	153,000	485.01	0.00	0.00	0.00	0.00	485.01	485.01
555	PAY	Payment	01/19/21	WATER	002	144,000	(485.01)	0.00	0.00	0.00	0.00	(485.01)	0.00
555	WTR	Water Billing	02/09/21	WATER	002	144,000	456.48	0.00	0.00	0.00	0.00	456.48	456.48
555	PAY	Payment	02/22/21	WATER	002	144,000	(456.48)	0.00	0.00	0.00	0.00	(456.48)	0.00
555	WTR	Water Billing	03/09/21	WATER	002	144,000	456.48	0.00	0.00	0.00	0.00	456.48	456.48
555	PAY	Payment	03/19/21	WATER	002	144,000	(456.48)	0.00	0.00	0.00	0.00	(456.48)	0.00
Totals For Account 0019-00600-001 Water, Bath Co							0.00	0.00	0.00	0.00	0.00	0.00	0.00

MSWS Transaction History Report

Service Type(s) All
 Transaction Date Range 4/1/2020 To 3/31/2021
 AR Type All
 AR Code All
 Include Applied Credit Trans.
 Print Billing Address
 Print Service Address
 Batch Range All
 Transaction Amount All

Print AddOn Amounts
 AddOn Type Reporting Group Add On Reporting Group
 Report Breakdown Level Full Transaction Detail
 Print Usage
 Use Reading Factor
 Print Check Numbers
 Print Running Balance
 Start With Zero Balance
 Print Transactions In Descending Order
 Include Customer Credit Amounts
 Include Reverse Penalty Trx Only

0019-00500-001		Batch	Code	Description	Date	Service	Rate	Usage	Service	Local Tax	State Tax	Penalty	Credits	Total	Balance
Cycle 2															
Water, Bath County			WTR	Water Billing	04/09/20	WATER	002	1,578,600	5,004.16	0.00	0.00	0.00	0.00	5,004.16	5,004.16
	555	PAY	Payment	04/16/20	WATER	002		1,554,798	(5,004.16)	0.00	0.00	0.00	0.00	(5,004.16)	0.00
	555	WTR	Water Billing	05/08/20	WATER	002		1,612,469	4,928.71	0.00	0.00	0.00	0.00	4,928.71	4,928.71
	555	PAY	Payment	05/20/20	WATER	002		1,407,423	(4,928.71)	0.00	0.00	0.00	0.00	(4,928.71)	0.00
	555	WTR	Water Billing	06/09/20	WATER	002		1,426,550	5,111.53	0.00	0.00	0.00	0.00	5,111.53	5,111.53
	555	PAY	Payment	06/19/20	WATER	002		1,426,550	(5,111.53)	0.00	0.00	0.00	0.00	(5,111.53)	0.00
	555	WTR	Water Billing	07/09/20	WATER	002		2,370,899	4,461.53	0.00	0.00	0.00	0.00	4,461.53	4,461.53
	555	PAY	Payment	07/17/20	WATER	002		2,370,899	(4,461.53)	0.00	0.00	0.00	0.00	(4,461.53)	0.00
	555	WTR	Water Billing	08/07/20	WATER	002		2,156,961	4,522.16	0.00	0.00	0.00	0.00	4,522.16	4,522.16
	555	PAY	Payment	08/19/20	WATER	002		2,156,961	(4,522.16)	0.00	0.00	0.00	0.00	(4,522.16)	0.00
	555	WTR	Water Billing	09/09/20	WATER	002		2,156,961	7,515.75	0.00	0.00	0.00	0.00	7,515.75	7,515.75
	555	PAY	Payment	09/18/20	WATER	002		2,156,961	(7,515.75)	0.00	0.00	0.00	0.00	(7,515.75)	0.00
	555	WTR	Water Billing	10/07/20	WATER	002		1,550,418	6,837.57	0.00	0.00	0.00	0.00	6,837.57	6,837.57
	555	PAY	Payment	10/16/20	WATER	002		1,550,418	(6,837.57)	0.00	0.00	0.00	0.00	(6,837.57)	0.00
	555	WTR	Water Billing	11/09/20	WATER	002		1,435,091	4,914.83	0.00	0.00	0.00	0.00	4,914.83	4,914.83
	555	PAY	Payment	11/19/20	WATER	002		1,435,091	(4,914.83)	0.00	0.00	0.00	0.00	(4,914.83)	0.00
	555	WTR	Water Billing	12/09/20	WATER	002		1,425,841	4,549.24	0.00	0.00	0.00	0.00	4,549.24	4,549.24
	555	PAY	Payment	12/18/20	WATER	002		1,425,841	(4,549.24)	0.00	0.00	0.00	0.00	(4,549.24)	0.00
	555	WTR	Water Billing	01/08/21	WATER	002		1,276,529	4,519.92	0.00	0.00	0.00	0.00	4,519.92	4,519.92
	555	PAY	Payment	01/19/21	WATER	002		1,276,529	(4,519.92)	0.00	0.00	0.00	0.00	(4,519.92)	0.00
	555	WTR	Water Billing	02/09/21	WATER	002		1,250,751	4,046.60	0.00	0.00	0.00	0.00	4,046.60	4,046.60
	555	PAY	Payment	02/22/21	WATER	002		1,250,751	(4,046.60)	0.00	0.00	0.00	0.00	(4,046.60)	0.00
	555	WTR	Water Billing	03/09/21	WATER	002		3,964.88	3,964.88	0.00	0.00	0.00	0.00	3,964.88	3,964.88
	555	PAY	Payment	03/19/21	WATER	002		3,964.88	(3,964.88)	0.00	0.00	0.00	0.00	(3,964.88)	0.00
Totals For Account 0019-00500-001 Water, Bath Co									0.00	0.00	0.00	0.00	0.00	0.00	0.00

BATH COUNTY WATER DISTRICT

Usage Summary/Detail

For Cycle: Cycle 1
 For Period: 4/1/2020 - 3/31/2021
 Service Type: WATER
 Subtotal by: Customer Type

Description	Customer Count	Service Month Count	Service Month Average	Usage	Customer Average	Amount
Customer Type: Commercial	91	1,035	9,501	9,834,000	108,066	\$59,318.70
Customer Type: Industrial	7	84	4,310	362,000	51,714	\$2,706.49
Customer Type: Other	11	122	68,525	8,360,000	760,000	\$3,099.24
Customer Type: PublicGovt	4	48	4,141,188	198,777,000	49,694,250	\$689,396.20
Customer Type: Residential	4,268	47,172	3,967	187,120,000	43,843	\$1,391,293.59
Grand Total	4,381	48,461	8,346	404,453,000	92,320	\$2,145,814.22