# ANALYSIS AND RECOMMENDATIONS FOR WATER RATES

# **LAUREL COUNTY WATER DISTRICT #2**

November 13, 2023

Prepared by Ariel Miller



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#### **EXECUTIVE SUMMARY**

Laurel County Water District #2 requested that Kentucky Rural Water Association perform a water rate study and assist with a filing with the results of that study to the Public Service Commission in Case No. 2021-00385. The study is complete and the results are presented in this report.

In accordance with PSC regulations, the study is based on the most recent Annual Report on file with the Commission; in this case, the test period is calendar year 2022. The Schedule of Adjusted Operations (SAO) lists the revenues and expenses for 2022 and applies required adjustments. The adjustments are to recognize any changes in operations after the test year and include certain other items that are commonly required by the PSC. The specific adjustments for Laurel County Water District #2 are shown in the respective SAO with notes for each provided on the Reference pages. Total pro forma operating revenues for 2022 are \$3,319,275 and total pro forma operating expenses are \$2,760,429.

The SAO also shows the computations for Revenue Requirements. Utilizing the Debt Service Coverage method accepted by the PSC, the total Revenue Required from Water Sales comes to \$3,183,875. This is an increase above existing pro forma sales of \$113,965 and indicates an overall water rate increase of 3.71 percent is needed.

Computations from this study are included in the Schedule of Adjusted Operations with details provided in the Reference pages and Table A and Exhibits A through D.

#### **SCHEDULE OF ADJUSTED OPERATIONS**

#### Laurel County Water District #2

	I	est Year	<u>Adjustments</u>	Ref.	<u> </u>	Proforma Proforma
Operating Revenues						
Total Metered Retail Sales	\$	3,143,499	(73,588)	(A)	\$	3,069,911
Private Fire Protection						-
Sales for Resale						-
						-
Other Water Revenues:						
Forfeited Discounts						-
Misc. Service Revenues						-
Other Water Revenues		249,364				249,364
Total Operating Revenues		3,392,863				3,319,275
Operating Expenses						
Operation and Maintenance						
Salaries and Wages - Employees		881,607				881,607
Salaries and Wages - Officers		30,000				30,000
<b>Employee Pensions and Benefits</b>		468,433	(54,253)	(B)		
			66,693	(C)		480,873
Purchased Water		180	(4)	(D)		176
Purchased Power		210,377	(4,268)	(D)		206,109
Chemicals		76,883	(1,560)	(D)		75,323
Materials and Supplies		131,854				131,854
Contractual Services		41,832				41,832
Rental of Building/Real Property						-
Transportation Expenses		38,360				38,360
Insurance - Gen. Liab. & Workers Comp.		32,947				32,947
Insurance - Other						-
Bad Debt		30,209				30,209
Miscellaneous Expenses		72,436				72,436
Total Operation and Mnt. Expenses		2,015,118				2,021,727
Depreciation Expense		660,446				660,446
Amortization		5,849				5,849
Taxes Other Than Income		72,407				72,407
Total Operating Expenses		2,753,820				2,760,429
Total Utility Operating Income	\$	639,043			\$	558,845

#### REFERENCES

- A. The Current Billing Analysis results in pro forma water sales revenue of \$3,069,911. This reflects a full year at the retail rates that were effective in 2022 and indicates a reduction to water sales of \$73,588 is required.
- B. An adjustment to reduce Employee Pensions and Benefits was made to move employee health insurance costs that are currently covered 100 percent by the District to the BLS averages currently utilized by the Commission. This results in a decrease to Employee Pensions and Benefits expense of \$54,253.
- C. An adjustment to increase Employee Pensions and Benefits of \$66,693 was made to reflect the removal of certain journal entries made during the test period pursuant to GASB 68 and 75.
- D. Laurel County Water District #2's water loss for the test period was 17.03 percent. Adjustments totaling \$5,831 to decrease expenses related to the production of water that exceed the allowable 15 percent water loss was made.

#### **REVENUE REQUIREMENTS**

Pro For	ma Operating Expenses	\$ 2,760,429
Plus:	Average Annual Principal and Interest Payments	576,878
	Additional Working Capital	115,376
Total Re	evenue Requirement	3,452,683
Less:	Other Operating Revenue	249,364
	Nonutility Income	15,440
	Interest Income	 4,004
Revenu	e Required From Sales of Water	3,183,875
Less:	Revenue from Sales with Present Rates	 3,069,911
Require	ed Revenue Increase	\$ 113,965
Percent	Increase	3.71%

# Table A <u>DEBT SERVICE SCHDULE</u>

#### Laurel County Water District #2

CY 2023 - 2027

	CY 2023 CY 20		024	CY 2025		CY 2026		CY 2027				
		Interest		Interest		Interest		Interest		Interest		
	Principal	& Fees	Principal	& Fees	Principal	& Fees	Principal	& Fees	Principal	& Fees	T	OTALS
KIA B	17,990	1,076	18,279	751	18,572	420	9,398	85	-	-		66,571
KIA B19-005	13,923	2,896	13,992	2,799	14,062	2,701	14,133	2,602	14,204	2,503		83,815
WRB2010A	140,000	166,150	150,000	161,987	155,000	155,506	160,000	148,812	165,000	141,906		1,544,361
WRB2010B	44,000	58,515	45,000	57,195	46,500	55,845	48,000	54,450	50,000	53,010		512,515
RD Series 2018	22,000	34,458	22,500	33,846	23,000	33,220	24,000	32,574	24,500	31,907		282,005
2021 RD Series A	33,500	31,229	34,000	30,643	34,500	30,048	35,500	39,444	36,000	28,823		333,687
2021 RD Series B	6,500	5,915	6,500	5,801	6,500	5,688	6,500	5,574	7,000	5,460		61,438
TOTALS	277,913	300,239	290,271	293,022	298,134	283,428	297,531	283,541	296,704	263,609	\$	2,884,392

Average Annual Principal & Interest

\$ 576,878

Average Annual Coverage

\$ 115,376

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#### **CURRENT BILLING ANALYSIS - CURRENT USAGE & EXISTING RATES Laurel County Water District #2**

	ARY

		SUMMARY						
				No	. of Bills	Gallons Sold	Revenue	
		5/8" X 3/4	" Meters		73,870	282,475,119	\$ 2,367,566	
		1" Meters			516	11,367,860	74,541	
		2" Meters			264	13,497,383	90,581	
		4" Meters			36	90,540,500	476,124	
		Campgroui	nd 1-8		96	651,170	6,625	
		Campgroui	nd 9		12	30,440	493	
		KTR			12	3,057,000	20,557	
		Brandais			12	23,700	3,626	
		Corbin Ma	nor		12	5,894,440	31,697	
		Chestnut G	ireene		12	616,100	5,649	
		Manenterp	orises		12	786,500	\$ 6,339	
		Totals					\$ 3,083,797	
		Less Billing A	djustments:				\$ (13,886)	
		Net Total					\$ 3,069,911	
		Less PSC Ann	ual Report:				\$(3,143,499)	
		SAO Adjustm	ent				\$ (73,588)	2.3%
5/8" x 3/4"	<b>METERS</b>							
				ı	FIRST	NEXT	ALL OVER	
	USAGE	BILLS	GALLONS	1	1,000	99,000	100,000	TOTAL
FIRST	1,000	11,196	4,497,315	4,	,497,315	-	-	4,497,315
NEXT	99,000	62,649	272,042,824	62,	,649,000	209,393,824	-	##########
ALL OVER	100,000	25	5,934,980		25,000	2,475,000	3,434,980	5,934,980
	TOTAL	73,870	282,475,119	67,	,171,315	211,868,824	3,434,980	#########
		•			•	, ,		
REVENUE	BY RATE IN	CREMENT						
		BILLS	GALLONS		RATE	REVENUE		
FIRST	1,000	73,870	67,171,315	\$	15.00	\$ 1,108,050	_	
NEXT	99,000	-,-	211,868,824	\$	5.86	1,241,551		
ALL OVER	100,000		3,434,980	\$	5.23	17,965		
<del>-</del>	TOTAL	73,870	282,475,119	Υ	5.25	\$ 2,367,566	_	
		-,-	-, -, -			, ,,		
1" METERS								
					FIRST	NEXT	ALL OVER	
	USAGE	BILLS	GALLONS		5,000	95,000	100,000	TOTAL
FIRST	5,000	290	545,950		545,950	-	-	545,950
NEXT	95,000	189	3,806,390		945,000	2,861,390	_	3,806,390
ALL OVER	100,000	37	7,015,520		185,000	3,515,000	3,315,520	7,015,520
-	•	516	11,367,860	1,	,675,950	6,376,390	3,315,520	11,367,860
					•	, ,		
REVENUE	BY RATE IN	CREMENT						
		BILLS	GALLONS		RATE	REVENUE		
FIRST	5,000	516	1,675,950	\$	38.44	\$ 19,835	_	
NEXT	95,000		6,376,390	\$	5.86	37,366		
ALL OVER	100,000		3,315,520	\$	5.23	17,340		
_	TOTAL	516	11,367,860			\$ 74,541	_	
			-			•		
2" METERS								
					FIRST	NEXT	ALL OVER	
	USAGE	BILLS	GALLONS		0,000	80,000	100,000	TOTAL

### 2" METERS

				FIRST	NEXT	ALL OVER	
	USAGE	BILLS	GALLONS	20,000	80,000	100,000	TOTAL
FIRST	20,000	163	948,583	948,583	-	-	948,583
NEXT	80,000	65	1,851,000	1,300,000	551,000	-	1,851,000
ALL OVER	100,000	36	10,697,800	720,000	2,880,000	7,097,800	10,697,800
_		264	13,497,383	2,968,583	3,431,000	7,097,800	13,497,383

#### REVENUE BY RATE INCREMENT

BILLS	GALLONS	RATE	REVENUE

FIRST	20,000	264	2,968,583	\$	126.34	\$	33,354		
NEXT	80,000		3,431,000	\$	5.86		20,106		
ALL OVER _	100,000		7,097,800	\$	5.23		37,121		
٦	TOTAL	264	13,497,383			\$	90,581		
4" METERS									
	LICACE	DILLC	GALLONS		FIRST		NEXT	ALL OVER	TOTAL
FIRST	50,000	BILLS	GALLONS	-	50,000		50,000	100,000	TOTAL
NEXT	•				-		-	-	_
ALL OVER	50,000 100,000	36	90,540,500		1 900 000		1 000 000	-	00 540 5
ALL OVER _	100,000	36	90,540,500		1,800,000 1,800,000		1,800,000 1,800,000	86,940,500 86,940,500	90,540,5
REVENITE	BY RATE INCI	PEMENT							
REVENUE	DI RAIL INCI	BILLS	GALLONS		RATE		REVENUE		
FIRST	50,000	36	1,800,000	\$	302.14	\$	10,877		
NEXT	50,000		1,800,000	\$	5.86		10,548		
ALL OVER	100,000		86,940,500	\$	5.23		454,699		
_	TOTAL	36	90,540,500	·		\$	476,124		
Campground	d 1-8								
					FIRST		NEXT	ALL OVER	
_	USAGE	BILLS	GALLONS		4,000		96,000	100,000	TOTAL
FIRST	4,000	15	46,200		46,200		-	-	46,2
NEXT	96,000	81	604,970		324,000		280,970	-	604,9
ALL OVER _	100,000	0			-		-	-	
_		96	651,170		370,200		280,970	-	651,1
REVENUE	BY RATE INCI	REMENT							
		BILLS	GALLONS	_	RATE		REVENUE		
FIRST	4,000	96	370,200	\$	51.86	\$	4,979		
NEXT	96,000		280,970	\$	5.86		1,646		
ALL OVER _	100,000	96	- 651 170	\$	5.23	ć	- 6 625		
ALL OVER _		96	651,170	\$	5.23	\$	6,625		
ALL OVER _	100,000 FOTAL	96	- 651,170	\$		\$	·	ALL OVER	
ALL OVER _	100,000 FOTAL d 9		·	\$	FIRST	\$	NEXT	ALL OVER	TOTAL
ALL OVER _ 1	100,000 FOTAL  d 9  USAGE	BILLS	GALLONS	\$	FIRST 5,000	\$	·	ALL OVER 100,000	
ALL OVER	100,000 FOTAL  d 9  USAGE 5,000	BILLS 11	GALLONS 20,070	\$	FIRST 5,000 20,070	\$	NEXT 95,000		20,0
ALL OVER	100,000 FOTAL  d 9  USAGE 5,000 95,000	BILLS 11 1	GALLONS	\$	FIRST 5,000	\$	NEXT		20,0
ALL OVER	100,000 FOTAL  d 9  USAGE 5,000	BILLS 11	GALLONS 20,070	\$	FIRST 5,000 20,070	\$	NEXT 95,000		20,0 10,3
ALL OVER	100,000 FOTAL  d 9  USAGE 5,000 95,000	BILLS 11 1 0 12	GALLONS 20,070 10,370	\$	FIRST 5,000 20,070 5,000	\$	NEXT 95,000 - 5,370 -		20,0 10,3
ALL OVER	100,000 FOTAL  d 9  USAGE 5,000 95,000 100,000	BILLS 11 1 0 12	GALLONS 20,070 10,370	\$	FIRST 5,000 20,070 5,000	_	NEXT 95,000 - 5,370 -		20,0 10,3 -
ALL OVER	100,000 FOTAL  d 9  USAGE 5,000 95,000 100,000	BILLS  11  1  0  12  REMENT	GALLONS 20,070 10,370 30,440  GALLONS 25,070	\$	FIRST 5,000 20,070 5,000 - 25,070		NEXT 95,000 - 5,370 - 5,370		20,0 10,3 -
ALL OVER	100,000 FOTAL  d 9  USAGE 5,000 95,000 100,000	BILLS  11  1  0  12  REMENT  BILLS	GALLONS 20,070 10,370 30,440 GALLONS	\$	FIRST 5,000 20,070 5,000 - 25,070		NEXT 95,000 - 5,370 - 5,370		20,0 10,3 -
FIRST ALL OVER  FIRST ALL OVER  FIRST REVENUE  FIRST NEXT ALL OVER	100,000 FOTAL  d 9  USAGE 5,000 95,000 100,000  BY RATE INCI 5,000 95,000 100,000	BILLS  11  1  0  12  REMENT  BILLS  12	GALLONS  20,070 10,370  30,440  GALLONS  25,070 5,370 -	\$	FIRST 5,000 20,070 5,000 - 25,070 RATE 38.42	\$	NEXT 95,000 - 5,370 - 5,370 REVENUE 461 31 -		20,0 10,3 -
FIRST ALL OVER  FIRST ALL OVER  FIRST REVENUE  FIRST NEXT ALL OVER	100,000 FOTAL  USAGE 5,000 95,000 100,000  BY RATE INCI 5,000 95,000	BILLS  11  1  0  12  REMENT  BILLS	GALLONS 20,070 10,370 30,440  GALLONS 25,070 5,370	\$ \$	FIRST 5,000 20,070 5,000 - 25,070 RATE 38.42 5.86		NEXT 95,000 - 5,370 - 5,370 REVENUE 461 31		20,0 10,3 -
FIRST ALL OVER  FIRST ALL OVER  FIRST REVENUE  FIRST NEXT ALL OVER	100,000 FOTAL  d 9  USAGE 5,000 95,000 100,000  BY RATE INCI 5,000 95,000 100,000	BILLS  11  1  0  12  REMENT  BILLS  12	GALLONS  20,070 10,370  30,440  GALLONS  25,070 5,370 -	\$ \$	FIRST 5,000 20,070 5,000 - 25,070 RATE 38.42 5.86 5.23	\$	NEXT 95,000 - 5,370 - 5,370 REVENUE 461 31 - 493	100,000 - - - -	20,0 10,3 -
FIRST ALL OVER FIRST NEXT ALL OVER FIRST NEXT ALL OVER ALL OVER ALL OVER	100,000 FOTAL  USAGE 5,000 95,000 100,000  BY RATE INCO 95,000 100,000 FOTAL	BILLS  11  1  0  12  REMENT  BILLS  12	GALLONS 20,070 10,370 30,440  GALLONS 25,070 5,370 - 30,440	\$ \$ \$	FIRST 5,000 20,070 5,000 - 25,070 RATE 38.42 5.86 5.23	\$	NEXT 95,000 - 5,370 - 5,370 REVENUE 461 31 - 493	100,000 - - - - -	20,0 10,3 - 30,4
FIRST REVENUE FIRST NEXT ALL OVER FIRST NEXT ALL OVER ALL OVER	100,000 FOTAL  USAGE 5,000 95,000 100,000  BY RATE INCO 95,000 100,000 FOTAL  USAGE	BILLS  11  1  0  12  REMENT  BILLS  12  12	GALLONS  20,070 10,370  30,440  GALLONS  25,070 5,370 -	\$ \$ \$	FIRST 5,000 20,070 5,000 - 25,070 RATE 38.42 5.86 5.23	\$	NEXT 95,000 - 5,370 - 5,370 REVENUE 461 31 - 493	100,000 - - - -	20,0 10,3 -
FIRST ALL OVER  FIRST NEXT  ALL OVER  FIRST NEXT  ALL OVER  FIRST NEXT  ALL OVER  FIRST NEXT  FIRST NEXT	100,000 FOTAL  USAGE 5,000 95,000 100,000  BY RATE INCO 95,000 100,000 FOTAL  USAGE 49,000	BILLS  11  1  0  12  REMENT  BILLS  12  12  0  0	GALLONS 20,070 10,370 30,440  GALLONS 25,070 5,370 - 30,440	\$ \$ \$	FIRST 5,000 20,070 5,000 - 25,070 RATE 38.42 5.86 5.23	\$	NEXT 95,000 - 5,370 - 5,370 REVENUE 461 31 - 493	100,000 - - - - -	20,0 10,3 - 30,4
FIRST NEXT ALL OVER  FIRST  FIRST  NEXT  ALL OVER  FIRST  NEXT  ALL OVER  FIRST  NEXT	100,000 FOTAL  USAGE 5,000 95,000 100,000  BY RATE INCO 95,000 100,000 FOTAL  USAGE 49,000 51,000	BILLS  11	GALLONS 20,070 10,370 30,440  GALLONS 25,070 5,370 - 30,440  GALLONS	\$ \$ \$	FIRST 5,000 20,070 5,000 - 25,070  RATE 38.42 5.86 5.23  FIRST 49,000	\$	NEXT 95,000 - 5,370 - 5,370 REVENUE 461 31 - 493 NEXT 51,000	100,000  ALL OVER 100,000	20,0 10,3 - 30,4 TOTAL
FIRST ALL OVER  FIRST NEXT  ALL OVER  FIRST NEXT  ALL OVER  FIRST NEXT  ALL OVER  FIRST NEXT  FIRST NEXT	100,000 FOTAL  USAGE 5,000 95,000 100,000  BY RATE INCO 95,000 100,000 FOTAL  USAGE 49,000	BILLS  11  1  0  12  REMENT  BILLS  12  12  0  0	GALLONS 20,070 10,370 30,440  GALLONS 25,070 5,370 - 30,440	\$ \$ \$	FIRST 5,000 20,070 5,000 - 25,070  RATE 38.42 5.86 5.23  FIRST 49,000 588,000	\$	NEXT 95,000 - 5,370 - 5,370 REVENUE 461 31 - 493 NEXT 51,000 - 612,000	100,000 - - - - -	20,0 10,3 - 30,4 TOTAL - - 3,057,0
FIRST NEXT ALL OVER FIRST NEXT ALL OVER FIRST NEXT ALL OVER ALL OV	100,000 FOTAL  USAGE 5,000 95,000 100,000  BY RATE INCL 5,000 95,000 100,000 FOTAL  USAGE 49,000 51,000 100,000	BILLS  11	GALLONS 20,070 10,370 30,440  GALLONS 25,070 5,370 - 30,440  GALLONS - 3,057,000	\$ \$ \$	FIRST 5,000 20,070 5,000 - 25,070  RATE 38.42 5.86 5.23  FIRST 49,000	\$	NEXT 95,000 - 5,370 - 5,370 REVENUE 461 31 - 493 NEXT 51,000	100,000  ALL OVER 100,000  - 1,857,000	20,0 10,3 - 30,4 TOTAL - - 3,057,0
FIRST NEXT ALL OVER FIRST NEXT ALL OVER FIRST NEXT ALL OVER ALL OV	100,000 FOTAL  USAGE 5,000 95,000 100,000  BY RATE INCO 95,000 100,000 FOTAL  USAGE 49,000 51,000	BILLS  11  10  12  REMENT  BILLS  12  12  12  BILLS  0  0  12  12	GALLONS 20,070 10,370 30,440  GALLONS 25,070 5,370 - 30,440  GALLONS - 3,057,000 3,057,000	\$ \$ \$	FIRST 5,000 20,070 5,000 - 25,070  RATE 38.42 5.86 5.23  FIRST 49,000 588,000 588,000	\$	NEXT 95,000 - 5,370 - 5,370 - 5,370 461 31 - 493 NEXT 51,000 - 612,000	100,000  ALL OVER 100,000  - 1,857,000	20,0 10,3 - 30,4 TOTAL - - 3,057,0
FIRST NEXT ALL OVER FIRST NEXT ALL OVER FIRST NEXT ALL OVER FIRST NEXT ALL OVER REVENUE REVENUE	100,000 FOTAL  USAGE 5,000 95,000 100,000  BY RATE INCI  5,000 95,000 100,000  FOTAL  USAGE 49,000 51,000 100,000	BILLS	GALLONS 20,070 10,370 30,440  GALLONS 25,070 5,370 - 30,440  GALLONS - 3,057,000 3,057,000 GALLONS	\$ \$ \$ \$	FIRST 5,000 20,070 5,000 - 25,070  RATE 38.42 5.86 5.23  FIRST 49,000 588,000 588,000  RATE	\$	NEXT 95,000  - 5,370  - 5,370  REVENUE 461 31 - 493  NEXT 51,000 612,000  612,000  REVENUE	100,000  ALL OVER 100,000  - 1,857,000	20,0 10,3 - 30,4 TOTAL - - 3,057,0
FIRST NEXT ALL OVER FIRST NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEX	100,000 FOTAL  USAGE 5,000 95,000 100,000  BY RATE INCI  5,000 95,000 100,000 FOTAL  USAGE 49,000 100,000  BY RATE INCI  49,000	BILLS  11  10  12  REMENT  BILLS  12  12  12  BILLS  0  0  12  12	GALLONS 20,070 10,370 30,440  GALLONS 25,070 5,370 - 30,440  GALLONS - 3,057,000 3,057,000 GALLONS 588,000	\$ \$ \$ \$	FIRST 5,000 20,070 5,000 - 25,070  RATE 38.42 5.86 5.23  FIRST 49,000 - 588,000 588,000  RATE 604.88	\$	NEXT 95,000  - 5,370 - 5,370  S,370  REVENUE 461 31 - 493  NEXT 51,000 - 612,000  612,000  REVENUE 7,259	100,000  ALL OVER 100,000  - 1,857,000	20,0 10,3 - 30,4 TOTAL - - 3,057,0
FIRST NEXT ALL OVER FIRST NEXT ALL OVER FIRST NEXT ALL OVER FIRST NEXT ALL OVER REVENUE REVENUE	100,000 FOTAL  USAGE 5,000 95,000 100,000  BY RATE INCI  5,000 95,000 100,000  FOTAL  USAGE 49,000 51,000 100,000	BILLS	GALLONS 20,070 10,370 30,440  GALLONS 25,070 5,370 - 30,440  GALLONS - 3,057,000 3,057,000 GALLONS	\$ \$ \$ \$	FIRST 5,000 20,070 5,000 - 25,070  RATE 38.42 5.86 5.23  FIRST 49,000 588,000 588,000  RATE	\$	NEXT 95,000  - 5,370  - 5,370  REVENUE 461 31 - 493  NEXT 51,000 612,000  612,000  REVENUE	100,000  ALL OVER 100,000  - 1,857,000	TOTAL 20,0 10,3 - 30,4  TOTAL - 3,057,0 3,057,0

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				FIRST	NEXT	ALL OVER	
_	USAGE	BILLS	GALLONS	50,000	50,000	100,000	TOTAL
FIRST	50,000	12	23,700	23,700	-	-	23,700
NEXT	50,000	0	-	-	-	-	-
ALL OVER	100,000	0	-	-	-	-	-
_		12	23,700	23,700	-	-	23,700

#### REVENUE BY RATE INCREMENT

_		BILLS	GALLONS		RATE		REVENUE
FIRST	50,000	12	23,700	\$	302.14	\$	3,626
NEXT	50,000		-	\$	5.86		-
ALL OVER	100,000		-	\$	5.23		-
	TOTAL	12	23,700			\$	3,626

#### Corbin Manor

				FIRST	ALL OVER	
_	USAGE	BILLS	GALLONS	200,000	200,000	TOTAL
FIRST	200,000	0	-	-	-	-
ALL OVER	200,000	12	5,894,440	2,400,000	3,494,440	5,894,440
_		12	5.894.440	2.400.000	3.494.440	5.894.440

#### REVENUE BY RATE INCREMENT

_		BILLS	GALLONS	RATE	R	EVENUE
FIRST	200,000	12	2,400,000	\$ 1,118.44	\$	13,421
ALL OVER	200,000		3,494,440	\$ 5.23		18,276
7	TOTAL	12	5,894,440		\$	31,697

#### **Chestnut Greene**

				FIRST	NEXT	ALL OVER	
	USAGE	BILLS	GALLONS	26,000	74,000	100,000	TOTAL
FIRST	26,000	0	-	-	-	-	-
NEXT	74,000	12	616,100	312,000	304,100	-	616,100
ALL OVER	100,000	0	-	-	-	-	-
_		12	616,100	312,000	304,100	-	616,100

#### REVENUE BY RATE INCREMENT

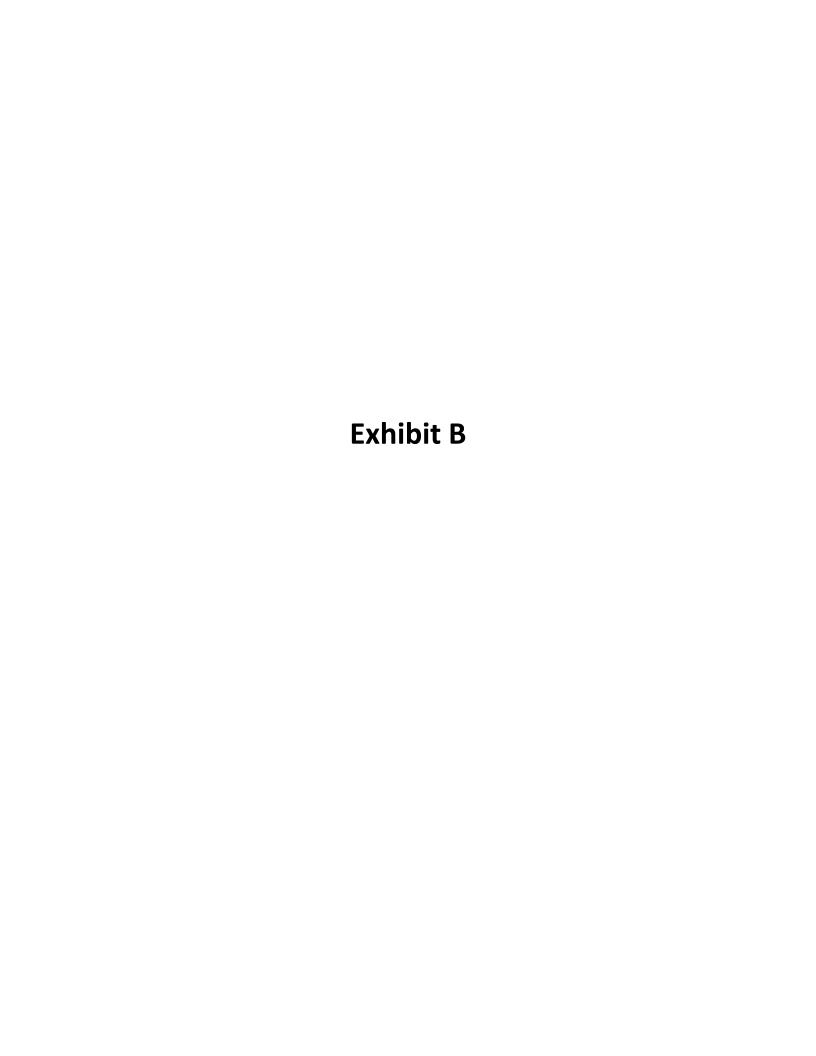
_		BILLS	GALLONS	RATE	K	EVENUE
FIRST	26,000	12	312,000	\$ 322.23	\$	3,867
NEXT	74,000		304,100	\$ 5.86		1,782
ALL OVER	100,000		-	\$ 5.23		-
	TOTAL	12	616,100		\$	5,649

#### Manenterprises

				FIRST	NEXT	ALL OVER	
_	USAGE	BILLS	GALLONS	22,000	78,000	100,000	TOTAL
FIRST	22,000	0	-	-	-	-	-
NEXT	78,000	12	786,500	264,000	522,500	-	786,500
ALL OVER	100,000	0	-	-	-	-	-
_		12	786,500	264,000	522,500	-	786,500

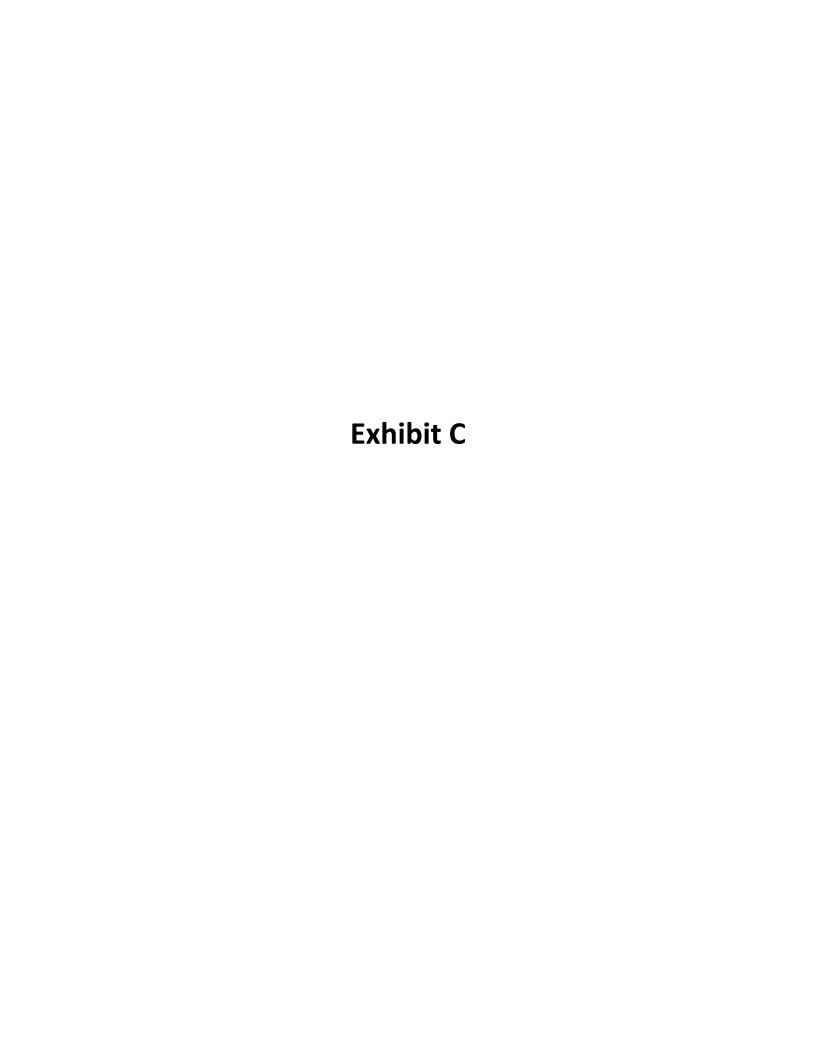
#### REVENUE BY RATE INCREMENT

KLVLIVOL	DI NAIL INCI	VEIAIFIA I				
		BILLS	GALLONS	RATE	R	EVENUE
FIRST	22,000	12	264,000	\$ 273.07	\$	3,277
NEXT	74,000		522,500	\$ 5.86		3,062
ALL OVER	100,000		-	\$ 5.23		-
7	OTAL	12	786,500		\$	6,339



#### Medical Insurance Adjustment

				MONTHLY			DISTRICT'S	Allowable	Allowable
		MONTHLY		EMPLOYEE	<b>EMPLOYEE</b>	WATER DIST	ANNUAL	Employer	Employer
		PREMIUM		CONTRIB	CONTRIB %	CONTRIB %	PREMIUM	Share	Premium
Medical	\$	8,349.12	\$	-	0.0%	100%	\$ 100,189.44	79%	\$ 79,149.66
Family Medical	\$	13,111.57	\$	-	0.0%	100%	\$ 157,338.84	66%	\$103,843.63
TOTAL	\$	21,460.69	\$	-			\$ 257,528.28		\$182,993.29
Allowable Employ	er Pr	emium	\$	182,993.29					
Less Annual Premi	ium		\$ (	237,246.06)					
Medical Adjustme	nt		\$	(54,252.77)					



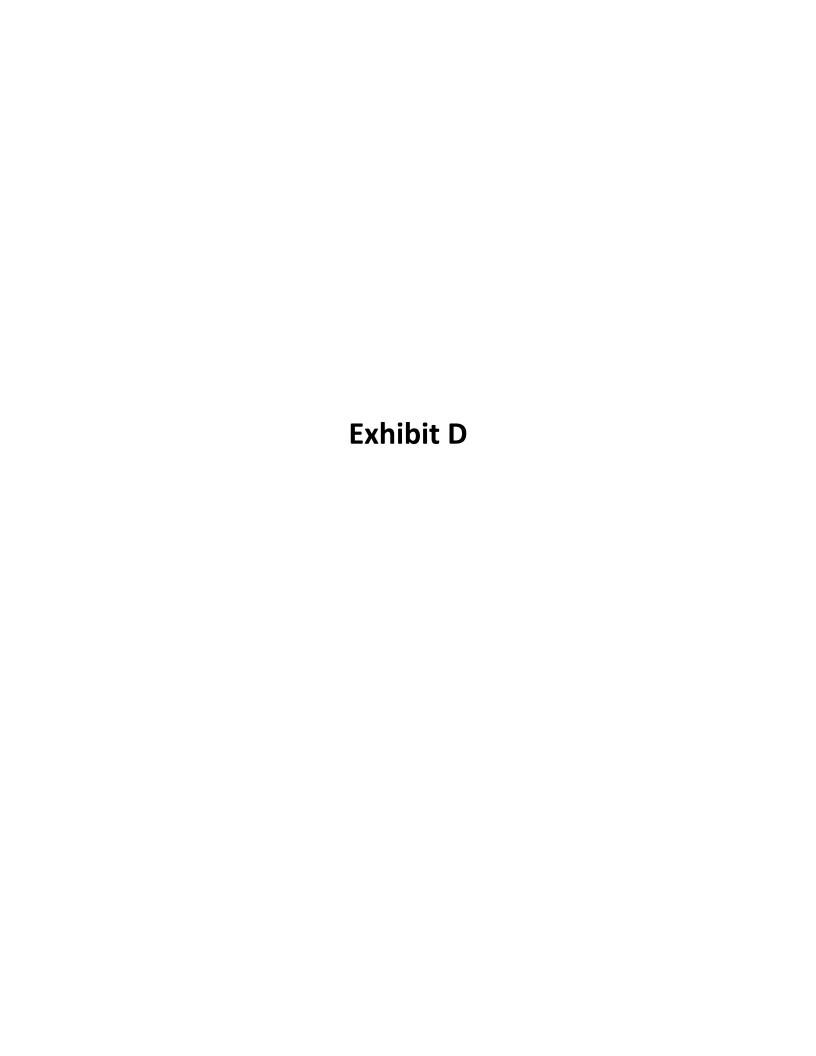
#### **Computation of Water Loss Adjustment**

Produced		532,129
Purchased		-
Total Produced and Purchased	_	532,129
Sold		416,455
Uses:		
WTP	20,742	
Flushing	3,209	
Fire	1,091	
Other	18	
Total Other Water Used		25,060
Losses:		
Tank O.F.	-	
Line Brks.	90,614	
Line Leaks	-	
<b>Excavation Damages</b>	-	
Unknown	-	
Total Losses:	_	90,614
Sold, Used, and Lost	_	532,129

17.03% water loss percentage
15.00% allowable in rates
2.03% adjustment percentage

#### Computation of Adjustment to Purchases above Allowable Water Loss:

Proforma Purchased Water	\$ 180.00	2.03% \$	4 Purchased Water above allowable water loss.
Purchased Power	210,377	2.03%	4,268 Purchased Power above allowable water loss.
Chemicals	76,883	2.03%	1,560 Chemicals above allowable water loss.
Total Adjustment		\$	5,831



# Laurel County Water District # 2 General Journal Report

Trans. Date	Transaction Description		Reference Number	Entry Date	Entered By	Debit Amount	Credit Amount
Account	00199-0001	O/F-Difference-Expected & Actual	Experie				
12/31/2022	GASB 68 Adjus	tment	12045	05/24/23	Wanda	\$0.00	\$19,048.00
Account	00199-0002	O/F-Difference-Projected & Actual	Earnin				
12/31/2022	GASB 68 Adjus	tment	12045	05/24/23	Wanda	\$294,692.00	\$0.00
Account	00199-0003	O/F-Changes of Assumptions					
12/31/2022	GASB 68 Adju	stment	12045	05/24/23	Wanda	\$0.00	\$24,969.00
Account	00199-0004	O/F-Changes in Proportion					
12/31/2022	GASB 68 Adjus	tment	12045	05/24/23	Wanda	\$38,881.00	\$0.00
Account	00199-0006	O/F-Subsequent Contributions					
12/31/2022	GASB 68 Adjus	tment	12045	05/24/23	Wanda	\$78,339.00	\$0.00
Account	00299-0000	Net Pension Liability					
12/31/2022	GASB 68 Adjus	tment	12045	05/24/23	Wanda	\$0.00	\$305,350.00
Account	00299-0001	I/F-Difference-Expected & Actual E	xperie				
12/31/2022	GASB 68 Adju	stment	12045	05/24/23	Wanda	\$0.00	\$1,231.00
Account	00299-0002	I/F-Difference-Project & Actual Earl	nings				
12/31/2022	GASB 68 Adju	stment	12045	05/24/23	Wanda	\$8,788.00	\$0.00
Account	00299-0004	I/F-Changes in Proportion					
12/31/2022	GASB 68 Adjus	tment	12045	05/24/23	Wanda	\$25,471.00	\$0.00
Account	00604-0300	Retirement Expense					
12/31/2022	GASB 68 Adjus	tment	12045	05/24/23	Wanda	\$0.00	\$95,573.00
		Total Number of Tra	nsactions	10 <b>Re</b>	port Totals	\$446,171.00	\$446,171.00

## Laurel County Water District # 2

# General Journal Report

Trans. Transaction Date Description	Reference Number	Entry Date	Entered By	Debit Amount	Credit Amount
Account 00199-0007 OPEB O/F Difference	nce-Expected&Actual Exp				
12/31/2022 GASB 75 Adjustment	12046	05/24/23	Wanda	\$0.00	\$64,128.00
Account 00199-0008 OPEB O/F-Difference	ence-Proj&Actual Earnings				
12/31/2022 GASB 75 Adjustment	12046	05/24/23	Wanda	\$43,838.00	\$0.00
Account 00199-0009 OPEB O/F-Chang	es of Assumptions				
12/31/2022 GASB 75 Adjustment	12046	05/24/23	Wanda	\$0.00	\$110,837.00
Account 00199-0010 OPEB O/F-Chang	ges in proportion				
12/31/2022 GASB 75 Adjustment	12046	05/24/23	Wanda	\$0.00	\$12,739.00
Account 00199-0012 OPEB-O/F- Subs	equent Contributions				
12/31/2022 GASB 75 Adjustment	12046	05/24/23	Wanda	\$2,263.00	\$0.00
Account 00298-0000 Net OPEB Liabilit	у				
12/31/2022 GASB 75 Adjustment	12046	05/24/23	Wanda	\$0.00	\$32,881.00
Account 00299-0006 OPEB I/F-Diff-Exp	pected & Actual Experien				
12/31/2022 GASB 75 Adjustment	12046	05/24/23	Wanda	\$112,763.00	\$0.00
Account 00299-0007 OPEB I/F-Diff-Pro	jected & Actual Earning				
12/31/2022 GASB 75 Adjustment	12046	05/24/23	Wanda	\$53,087.00	\$0.00
Account 00299-0008 OPEB I/F-Change	es of Assumptions				
12/31/2022 GASB 75 Adjustment	12046	05/24/23	Wanda	\$0.00	\$30,161.00
Account 00299-0009 OPEB-I/F-Change	es in Proportion				
12/31/2022 GASB 75 Adjustment	12046	05/24/23	Wanda	\$9,915.00	\$0.00
Account 00604-0300 Retirement Exper	nse				
12/31/2022 GASB 75 Adjustment	12046	05/24/23	Wanda	\$28,880.00	\$0.00
т	otal Number of Transactions	11 Rep	oort Totals	\$250,746.00	\$250,746.00