

**SUMMARY ADDENDUM  
TO THE  
PRELIMINARY ENGINEERING REPORT  
FOR THE  
WESTERN PULASKI COUNTY WATER DISTRICT  
PULASKI COUNTY, KENTUCKY**

**FISHING CREEK AREA WATER SYSTEM IMPROVEMENTS & REPLACEMENTS**

SEPTEMBER 2020

 **Monarch Engineering, Inc.**  

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556 Carlton Drive  
Lawrenceburg, KY

SUMMARY ADDENDUM  
TO  
PRELIMINARY ENGINEERING REPORT

DATE: SEPTEMBER 2020

FOR

Western Pulaski County Water District  
Fishing Creek Area Water System Improvements & Replacements

APPLICANT CONTACT PERSON Don Calder, Chairman

APPLICANT PHONE NUMBER (606) 679-1569

APPLICANT TAX IDENTIFICATION NUMBER 61-1367132

***ITEMS IN BOLD ITALIC PRINT ARE APPLICABLE TO SEWER SYSTEMS.***

In order to avoid unnecessary delays in the application processing, the applicant and its consulting engineer should prepare a summary of the preliminary report in accordance with this Guide.

Please complete the applicable sections of the Summary Addendum. ***Please note, if water and sewer revenue will both be taken as security for the loan, all user information and characteristics of both utility systems will be needed even though the project will benefit only one utility.***

Feasibility reviews and grant determinations may be processed more accurately and more rapidly if the Summary Addendum is submitted simultaneously with the Preliminary Engineering Report, or as soon thereafter as possible.

I. GENERAL

- A. Proposed Project: Provide a brief description of the proposed project. In addition to this summary, the applicant/engineer should submit a project map of the service area.

The proposed project consists of approximately 2,000 LF of 18-inch water transmission main replacement via directional bore, the installation of approximately 33,400 LF of 12-inch water transmission main, the installation of approximately 4,000 LF of 4-inch water line replacement along Lanetown Road, 270 LF of 3-inch water line extension along Clifty Road/Bethlehem Road, 1,200 LF

of 3-inch water line replacement along Todd Road, and 900 LF of 3-inch water line replacement along Shepola Road. In addition, the project includes the relocation of the existing Hickory Nut No. 2 Pump Station and the upgrade of the existing Lees Ford Pump Station to 1200 GPM.

**II. FACILITY CHARACTERISTICS OF THE EXISTING SEWER SYSTEM N/A**

**A. Sewage Treatment**

1. **Type:** \_\_\_\_\_

2. **Method of Disposal:** \_\_\_\_\_

3. **Cost per 1,000 gallons if sewage is contracted:** \_\_\_\_\_

4. **Date Constructed:** \_\_\_\_\_

**B. Treatment Capacity of Sewage Treatment Plant:** \_\_\_\_\_

**C. Type of Sewage Collector System (Describe):** \_\_\_\_\_

**D. Number and Capacity of Sewage Lift Stations:** \_\_\_\_\_

**E. Sewage Collection System:**

**Lineal Feet of Collector Lines, by size:** 6" \_\_\_\_\_ 8" \_\_\_\_\_  
10" \_\_\_\_\_ 12" \_\_\_\_\_ **Larger** \_\_\_\_\_

**F. Conditions of the Existing System: Briefly describe the conditions and suitability for the continued use of the facility now owned by the applicant. Include any major renovation that will be needed within five to ten years.**

III. FACILITY CHARACTERISTICS OF EXISTING WATER SYSTEM

- A. Water Source: Describe adequacy of source (quality and quantity). Include an explanation of raw water source, raw water intake structure, treatment plant capacity, and current level of production (WTP). Also, describe the adequacy of the Water Purchase Contract if applicable.

The WPCWD service area is comprised of approximately 350 miles of water lines consisting of 155 miles of 3-inch, 53 miles of 4-inch, 121 miles of 6-inch, 18 miles of 8-inch, and less than 1 mile of 10-inch water lines. The WPCWD has five pump stations and six water storage tanks. The system is served from the City of Somerset through four master meters supplied from both the Somerset high and low level pressure zones. The system provides water service to approximately 8,500 customers.

The WPCWD is generally in good repair; however, some components were installed when the system was much smaller and in need of upgrading and others are showing signs of wear because of many years of use.

The WPCWD is currently in compliance with all Federal and State Regulations regarding the sanitary features of the distribution system. In addition the WPCWD is governed by the Public Service Commission, and they have no current violations of PSC regulations.

The District purchases finished water from the City of Somerset and City of Russell Springs. The source of raw water is Lake Cumberland and the quality and quantity of raw water is sufficient to meet the District's current demand.

If the applicant purchases water:

Seller:

1. City of Somerset
2. City of Russell Springs
3. \_\_\_\_\_

Price/1,000 gallons:

1. \$2.50
2. \$1.80
3. \_\_\_\_\_

Present Estimated Market Value of Existing System \_\_\_\_\_

- B. Water Storage:

Type: Ground Storage Tank 8 Elevated Tank 2



IV. EXISTING LONG-TERM INDEBTEDNESS

A. List of Bonds and Notes:

Date of Issue	Bond/Note Holder	Principal Balance	Payment Date	Bond Type Water/Sewer*	Amount on Deposit in Reserve Account
20 02A	Issue USDA RD	\$669,000	Semi-Annually	4.5%	
20 02B	Issue USDA RD	\$406,000	Semi-Annually	4.5%	
20 10	Issue USDA RD	\$741,000	Semi-Annually	2.25%	
20 12E	Issue KRW AFC	\$1,424,630	Semi-Annually	2.2-3.7%	
20 14	Issue USDA RD	\$1,249,566	Semi-Annually	2.25%	
20 16	Issue USDA RD	\$2,042,500	Semi-Annually	3.50%	
20 16	Issue DWSRF	\$2,731,961	Semi-Annually	1.75%	
20 19	Issue USDA RD	\$2,225,000	Semi-Annually	2.50%	
20 22	Issue USDA RD	\$3,638,000	Semi-Annually	2.00%	
20	Issue				
20	Issue				
20	Issue				
20	Issue				

\* If a combined issue, show attributable portion to each system.

B. Principal and Interest Payments:

Date of Issue	Bond/Note Holder	Payment Year 2021		Payment Year 2022		Payment Year 2023	
		Principal Payment	Interest Payment	Principal Payment	Interest Payment	Principal Payment	Interest Payment
20 02A	USDA RD	\$19,000	\$30,960	\$20,000	\$30,105	\$21,000	\$29,205
20 02B	USDA RD	12,000	18,810	12,000	18,270	13,000	17,730
20 10	USDA RD	19,000	17,100	19,000	16,673	20,000	16,245
20 12E	KRW AFC	135,000	38,673	140,000	34,353	140,000	30,323
20 14	USDA RD	26,487	28,711	27,803	28,115	27,693	27,506
20 16	USDA RD	30,000	72,538	31,000	71,488	32,000	70,403
20 16	DWSRF	146,769	53,896	151,974	50,896	154,645	47,843
20 19	USDA RD	36,500	54,725	37,500	53,812	38,500	52,875
20 22	USDA RD	0	72,760	0	72,760	26,500	72,760
20							
20							
20							
20							

V. EXISTING SHORT TERM INDEBTEDNESS N/A

A. List of All Short Term Debts: (Do not show any debt listed in paragraph IV above)

<u>Lender or Lessor</u>	<u>Date of Issue (Month &amp; Year)</u>	<u>Principal Balance</u>	<u>Purpose (Water/ Sewer)</u>	<u>Payment Date</u>	<u>Principal &amp; Interest Payment</u>	<u>Date to be Paid in Full</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

VI. LAND AND RIGHT-EXISTING SYSTEM

Number of Treatment Plant Sites	Water	<u>0</u>	Sewer	<u>N/A</u>
Number of Storage Tank Sites	Water	<u>8</u>	Sewer	_____
Number of Pump Stations	Water	<u>6</u>	Sewer	_____
Total Acreage	Water	<u>Ac.</u>	Sewer	<u>Ac.</u>
Purchase Price	Water	_____	Sewer	_____

VII. NUMBER OF EXISTING USERS

	Water	Sewer
Residential (In Town) *	_____	<u>N/A</u>
Residential (Out of Town) *	<u>8,452</u>	_____
Non-Residential (In Town)	_____	_____
Non-Residential (Out of Town)	<u>125</u>	_____
Total	<u>8,577</u>	_____
Number of Total Potential Users Lining in the Service Area	<u>8,600</u>	_____

\* Note: Residential Users: Classify by type of user regardless of quantity of water used. This classification should include those meters serving individual rural residence.

VIII. CURRENT WATER AND SEWER CONNECTION FEES FOR EACH SIZE WATER METER CONNECTION

<u>Meter Size</u>	<u>Water Connection Fee</u>		<u>Sewer Connection Fee</u>
	<u>City</u>	<u>County</u>	
<u>5/8" x 3/4"</u>		<u>\$915.00</u>	
<u>1-Inch</u>		<u>\$1,275.00</u>	
<u>1-1/2-Inch</u>		<u>Actual Cost</u>	
<u>2-Inch</u>		<u>Actual Cost</u>	
<u>3-Inch</u>		<u>Actual Cost</u>	

IX. SEWER RATES-EXISTING SYSTEM N/A

*Percentage of Water Bill* \_\_\_\_\_ % *Minimum Charge* \_\_\_\_\_

*Other: (If charge not based on water bill)* \_\_\_\_\_

*Date this rate went into effect* \_\_\_\_\_

*Existing Rate Schedule: Residential*

<i>First</i>	_____	<i>Gallons @ \$</i>	_____	<i>Minimum</i>
<i>Next</i>	_____	<i>Gallons @ \$</i>	_____	<i>Per 1,000 Gallons</i>
<i>Next</i>	_____	<i>Gallons @ \$</i>	_____	<i>Per 1,000 Gallons</i>
<i>Next</i>	_____	<i>Gallons @ \$</i>	_____	<i>Per 1,000 Gallons</i>
<i>Next</i>	_____	<i>Gallons @ \$</i>	_____	<i>Per 1,000 Gallons</i>
<i>Next</i>	_____	<i>Gallons @ \$</i>	_____	<i>Per 1,000 Gallons</i>
<i>All Over</i>	_____	<i>Gallons @ \$</i>	_____	<i>Per 1,000 Gallons</i>



X. WATER RATES-EXISTING SYSTEM

Existing Rate Schedule: 5/8-inch x 3/4-inch Meter

First	<u>2,000</u>	Gallons @ \$	<u>\$ 17.58</u>	Minimum
All Over	<u>2,000</u>	Gallons @ \$	<u>6.31</u>	Per 1,000 Gallons

Existing Rate Schedule: 1-inch Meter

First	<u>10,000</u>	Gallons @ \$	<u>67.82</u>	Minimum
All Over	<u>10,000</u>	Gallons @ \$	<u>6.31</u>	Per 1,000 Gallons

Existing Rate Schedule: 1 1/2-inch Meter

First	<u>15,000</u>	Gallons @ \$	<u>99.22</u>	Minimum
All Over	<u>15,000</u>	Gallons @ \$	<u>6.31</u>	Per 1,000 Gallons

Existing Rate Schedule: 2-inch Meter

First	<u>20,000</u>	Gallons @ \$	<u>130.62</u>	Minimum
All Over	<u>20,000</u>	Gallons @ \$	<u>6.31</u>	Per 1,000 Gallons

Existing Rate Schedule: 3-inch Meter

First	<u>30,000</u>	Gallons @ \$	<u>193.42</u>	Minimum
All Over	<u>30,000</u>	Gallons @ \$	<u>6.31</u>	Per 1,000 Gallons

Date These Rates Went Into Effect July 16, 2018.

X.A ANALYSIS OF ACTUAL WATER USAGE - EXIST SYSTEM - ONE YEAR PERIOD

**WESTERN PULASKI COUNTY WATER DISTRICT  
EXISTING WATER RATES  
RESIDENTIAL OUT OF TOWN USERS  
5/8" X 3/4" METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	2,000	Gallons	\$17.58 (MINIMUM BILL)
OVER	2,000	Gallons	6.31 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	2,310	2,310,000	40,609.80
2,000	to	3,000	Gallons	2,500	2,168	5,420,000	44,953.48
3,000	to	4,000	Gallons	3,500	1,268	4,438,000	34,293.06
4,000	to	5,000	Gallons	4,500	950	4,275,000	31,687.25
5,000	to	6,000	Gallons	5,500	655	3,602,500	25,980.58
6,000	to	7,000	Gallons	6,500	406	2,639,000	18,665.85
7,000	to	8,000	Gallons	7,500	150	1,125,000	7,842.75
8,000	to	9,000	Gallons	8,500	100	850,000	5,859.50
9,000	to	10,000	Gallons	9,500	90	855,000	5,841.45
10,000	to	11,000	Gallons	10,500	86	903,000	6,124.49
11,000	to	12,000	Gallons	11,500	60	690,000	4,651.50
12,000	to	13,000	Gallons	12,500	40	500,000	3,353.40
13,000	to	14,000	Gallons	13,500	30	405,000	2,704.35
14,000	to	15,000	Gallons	14,500	20	290,000	1,929.10
15,000	to	16,000	Gallons	15,500	15	232,500	1,541.48
16,000	to	17,000	Gallons	16,500	10	165,000	1,090.75
17,000	to	18,000	Gallons	17,500	9	157,500	1,038.47
18,000	to	19,000	Gallons	18,500	8	148,000	973.56
19,000	to	20,000	Gallons	19,500	7	136,500	896.04
20,000	to	25,000	Gallons	22,500	6	135,000	881.61
25,000	to	30,000	Gallons	27,500	5	137,500	892.43
30,000	to	35,000	Gallons	32,500	4	130,000	840.14
35,000	to	40,000	Gallons	37,500	3	112,500	724.76
40,000	to	45,000	Gallons	42,500	2	85,000	546.27
45,000	to	50,000	Gallons	47,500	2	95,000	609.37
50,000	to	55,000	Gallons	52,500	2	105,000	672.47
55,000	to	60,000	Gallons	57,500	2	115,000	735.57
60,000	to	65,000	Gallons	62,500	1	62,500	399.34
65,000	to	70,000	Gallons	67,500	1	67,500	430.89
70,000	to	75,000	Gallons	72,500	0	0	0.00
75,000	to	100,000	Gallons	87,500	0	0	0.00
100,000	to	150,000	Gallons	125,000	2	250,000	1,587.42
150,000	to	200,000	Gallons	175,000	0	0	0.00
200,000	to	250,000	Gallons	225,000	0	0	0.00
Monthly Totals					8,412	30,437,000	\$248,357.09
Annual Totals					100,944	365,244,000	\$2,980,285.08
Monthly Avg/Customer						3,618	\$29.52

**WESTERN PULASKI COUNTY WATER DISTRICT  
EXISTING WATER RATES  
RESIDENTIAL OUT OF TOWN USERS  
1-INCH METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	10,000	Gallons	\$67.82 (MINIMUM BILL)
OVER	10,000	Gallons	6.31 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	0	0	0.00
2,000	to	3,000	Gallons	2,500	0	0	0.00
3,000	to	4,000	Gallons	3,500	0	0	0.00
4,000	to	5,000	Gallons	4,500	0	0	0.00
5,000	to	6,000	Gallons	5,500	0	0	0.00
6,000	to	7,000	Gallons	6,500	0	0	0.00
7,000	to	8,000	Gallons	7,500	0	0	0.00
8,000	to	9,000	Gallons	8,500	0	0	0.00
9,000	to	10,000	Gallons	9,500	0	0	0.00
10,000	to	11,000	Gallons	10,500	2	21,000	141.95
11,000	to	12,000	Gallons	11,500	2	23,000	154.57
12,000	to	13,000	Gallons	12,500	2	25,000	167.19
13,000	to	14,000	Gallons	13,500	2	27,000	179.81
14,000	to	15,000	Gallons	14,500	2	29,000	192.43
15,000	to	16,000	Gallons	15,500	2	31,000	205.05
16,000	to	17,000	Gallons	16,500	2	33,000	217.67
17,000	to	18,000	Gallons	17,500	2	35,000	230.29
18,000	to	19,000	Gallons	18,500	2	37,000	242.91
19,000	to	20,000	Gallons	19,500	2	39,000	255.53
20,000	to	25,000	Gallons	22,500	2	45,000	293.39
25,000	to	30,000	Gallons	27,500	2	55,000	356.49
30,000	to	35,000	Gallons	32,500	2	65,000	419.59
35,000	to	40,000	Gallons	37,500	2	75,000	482.69
40,000	to	45,000	Gallons	42,500	2	85,000	545.79
45,000	to	50,000	Gallons	47,500	2	95,000	608.89
50,000	to	55,000	Gallons	52,500	2	105,000	671.99
55,000	to	60,000	Gallons	57,500	2	115,000	735.09
60,000	to	65,000	Gallons	62,500	2	125,000	798.19
65,000	to	70,000	Gallons	67,500	2	135,000	861.29
70,000	to	75,000	Gallons	72,500	0	0	0.00
75,000	to	100,000	Gallons	87,500	0	0	0.00
100,000	to	150,000	Gallons	125,000	0	0	0.00
150,000	to	200,000	Gallons	175,000	0	0	0.00
200,000	to	250,000	Gallons	225,000	0	0	0.00
Monthly Totals					40	1,200,000	\$7,760.80
Annual Totals					480	14,400,000	\$93,129.60
Monthly Avg/Customer						30,000	\$194.02

**WESTERN PULASKI COUNTY WATER DISTRICT  
EXISTING WATER RATES  
NON RESIDENTIAL OUT OF TOWN USERS  
1-INCH METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	10,000	Gallons	\$67.82 (MINIMUM BILL)
OVER	10,000	Gallons	5.98 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	0	0	0.00
2,000	to	3,000	Gallons	2,500	29	72,500	666.13
3,000	to	4,000	Gallons	3,500	2	7,000	57.90
4,000	to	5,000	Gallons	4,500	1	4,500	34.93
5,000	to	6,000	Gallons	5,500	2	11,000	81.82
6,000	to	7,000	Gallons	6,500	0	0	0.00
7,000	to	8,000	Gallons	7,500	0	0	0.00
8,000	to	9,000	Gallons	8,500	1	8,500	58.85
9,000	to	10,000	Gallons	9,500	1	9,500	64.83
10,000	to	11,000	Gallons	10,500	2	21,000	141.62
11,000	to	12,000	Gallons	11,500	2	23,000	153.58
12,000	to	13,000	Gallons	12,500	2	25,000	165.54
13,000	to	14,000	Gallons	13,500	2	27,000	177.50
14,000	to	15,000	Gallons	14,500	2	29,000	189.46
15,000	to	16,000	Gallons	15,500	2	31,000	201.42
16,000	to	17,000	Gallons	16,500	2	33,000	213.38
17,000	to	18,000	Gallons	17,500	2	35,000	225.34
18,000	to	19,000	Gallons	18,500	2	37,000	237.30
19,000	to	20,000	Gallons	19,500	2	39,000	249.26
20,000	to	25,000	Gallons	22,500	2	45,000	285.14
25,000	to	30,000	Gallons	27,500	2	55,000	344.94
30,000	to	35,000	Gallons	32,500	1	32,500	202.37
35,000	to	40,000	Gallons	37,500	0	0	0.00
40,000	to	45,000	Gallons	42,500	0	0	0.00
45,000	to	50,000	Gallons	47,500	0	0	0.00
50,000	to	55,000	Gallons	52,500	0	0	0.00
55,000	to	60,000	Gallons	57,500	0	0	0.00
60,000	to	65,000	Gallons	62,500	0	0	0.00
65,000	to	70,000	Gallons	67,500	0	0	0.00
70,000	to	75,000	Gallons	72,500	0	0	0.00
75,000	to	100,000	Gallons	87,500	0	0	0.00
100,000	to	150,000	Gallons	125,000	0	0	0.00
150,000	to	200,000	Gallons	175,000	0	0	0.00
200,000	to	250,000	Gallons	225,000	0	0	0.00
Monthly Totals					61	545,500	\$3,751.31
Annual Totals					732	6,546,000	\$45,015.72
Monthly Avg/Customer						8,943	\$61.50

**WESTERN PULASKI COUNTY WATER DISTRICT  
EXISTING WATER RATES  
NON RESIDENTIAL OUT OF TOWN USERS  
1 1/2-INCH METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	15,000	Gallons	\$99.22 (MINIMUM BILL)
OVER	15,000	Gallons	6.31 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	0	0	0.00
2,000	to	3,000	Gallons	2,500	0	0	0.00
3,000	to	4,000	Gallons	3,500	0	0	0.00
4,000	to	5,000	Gallons	4,500	0	0	0.00
5,000	to	6,000	Gallons	5,500	0	0	0.00
6,000	to	7,000	Gallons	6,500	0	0	0.00
7,000	to	8,000	Gallons	7,500	0	0	0.00
8,000	to	9,000	Gallons	8,500	0	0	0.00
9,000	to	10,000	Gallons	9,500	0	0	0.00
10,000	to	11,000	Gallons	10,500	0	0	0.00
11,000	to	12,000	Gallons	11,500	0	0	0.00
12,000	to	13,000	Gallons	12,500	0	0	0.00
13,000	to	14,000	Gallons	13,500	0	0	0.00
14,000	to	15,000	Gallons	14,500	0	0	0.00
15,000	to	16,000	Gallons	15,500	0	0	0.00
16,000	to	17,000	Gallons	16,500	0	0	0.00
17,000	to	18,000	Gallons	17,500	0	0	0.00
18,000	to	19,000	Gallons	18,500	0	0	0.00
19,000	to	20,000	Gallons	19,500	0	0	0.00
20,000	to	25,000	Gallons	22,500	0	0	0.00
25,000	to	30,000	Gallons	27,500	0	0	0.00
30,000	to	35,000	Gallons	32,500	0	0	0.00
35,000	to	40,000	Gallons	37,500	0	0	0.00
40,000	to	45,000	Gallons	42,500	0	0	0.00
45,000	to	50,000	Gallons	47,500	0	0	0.00
50,000	to	55,000	Gallons	52,500	0	0	0.00
55,000	to	60,000	Gallons	57,500	0	0	0.00
60,000	to	65,000	Gallons	62,500	0	0	0.00
65,000	to	70,000	Gallons	67,500	0	0	0.00
70,000	to	75,000	Gallons	72,500	0	0	0.00
75,000	to	100,000	Gallons	87,500	0	0	0.00
100,000	to	150,000	Gallons	125,000	0	0	0.00
150,000	to	200,000	Gallons	175,000	0	0	0.00
200,000	to	250,000	Gallons	225,000	0	0	0.00
Monthly Totals					0	0	\$0.00
Annual Totals					0	0	\$0.00
Monthly Avg/Customer						0	\$0.00

**WESTERN PULASKI COUNTY WATER DISTRICT  
EXISTING WATER RATES  
NON RESIDENTIAL OUT OF TOWN USERS  
2-INCH METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	20,000	Gallons	\$130.62 (MINIMUM BILL)
OVER	20,000	Gallons	6.31 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	0	0	0.00
2,000	to	3,000	Gallons	2,500	44	110,000	888.58
3,000	to	4,000	Gallons	3,500	0	0	0.00
4,000	to	5,000	Gallons	4,500	0	0	0.00
5,000	to	6,000	Gallons	5,500	0	0	0.00
6,000	to	7,000	Gallons	6,500	0	0	0.00
7,000	to	8,000	Gallons	7,500	0	0	0.00
8,000	to	9,000	Gallons	8,500	0	0	0.00
9,000	to	10,000	Gallons	9,500	0	0	0.00
10,000	to	11,000	Gallons	10,500	0	0	0.00
11,000	to	12,000	Gallons	11,500	0	0	0.00
12,000	to	13,000	Gallons	12,500	0	0	0.00
13,000	to	14,000	Gallons	13,500	0	0	0.00
14,000	to	15,000	Gallons	14,500	0	0	0.00
15,000	to	16,000	Gallons	15,500	0	0	0.00
16,000	to	17,000	Gallons	16,500	0	0	0.00
17,000	to	18,000	Gallons	17,500	0	0	0.00
18,000	to	19,000	Gallons	18,500	0	0	0.00
19,000	to	20,000	Gallons	19,500	0	0	0.00
20,000	to	25,000	Gallons	22,500	0	0	0.00
25,000	to	30,000	Gallons	27,500	0	0	0.00
30,000	to	35,000	Gallons	32,500	0	0	0.00
35,000	to	40,000	Gallons	37,500	0	0	0.00
40,000	to	45,000	Gallons	42,500	0	0	0.00
45,000	to	50,000	Gallons	47,500	2	95,000	608.29
50,000	to	55,000	Gallons	52,500	2	105,000	671.39
55,000	to	60,000	Gallons	57,500	2	115,000	734.49
60,000	to	65,000	Gallons	62,500	2	125,000	797.59
65,000	to	70,000	Gallons	67,500	2	135,000	860.69
70,000	to	75,000	Gallons	72,500	2	145,000	923.79
75,000	to	100,000	Gallons	87,500	2	175,000	1,113.09
100,000	to	150,000	Gallons	125,000	2	250,000	1,586.34
150,000	to	200,000	Gallons	175,000	2	350,000	2,217.34
200,000	to	250,000	Gallons	225,000	2	450,000	2,848.34
Monthly Totals					64	2,055,000	\$13,249.93
Annual Totals					768	24,660,000	\$158,999.16
Monthly Avg/Customer						32,109	\$207.03

**WESTERN PULASKI COUNTY WATER DISTRICT  
EXISTING WATER RATES  
NON RESIDENTIAL OUT OF TOWN USERS  
3-INCH METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	30,000	Gallons	\$193.42 (MINIMUM BILL)
OVER	30,000	Gallons	6.31 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	0	0	0.00
2,000	to	3,000	Gallons	2,500	0	0	0.00
3,000	to	4,000	Gallons	3,500	0	0	0.00
4,000	to	5,000	Gallons	4,500	0	0	0.00
5,000	to	6,000	Gallons	5,500	0	0	0.00
6,000	to	7,000	Gallons	6,500	0	0	0.00
7,000	to	8,000	Gallons	7,500	0	0	0.00
8,000	to	9,000	Gallons	8,500	0	0	0.00
9,000	to	10,000	Gallons	9,500	0	0	0.00
10,000	to	11,000	Gallons	10,500	0	0	0.00
11,000	to	12,000	Gallons	11,500	0	0	0.00
12,000	to	13,000	Gallons	12,500	0	0	0.00
13,000	to	14,000	Gallons	13,500	0	0	0.00
14,000	to	15,000	Gallons	14,500	0	0	0.00
15,000	to	16,000	Gallons	15,500	0	0	0.00
16,000	to	17,000	Gallons	16,500	0	0	0.00
17,000	to	18,000	Gallons	17,500	0	0	0.00
18,000	to	19,000	Gallons	18,500	0	0	0.00
19,000	to	20,000	Gallons	19,500	0	0	0.00
20,000	to	25,000	Gallons	22,500	0	0	0.00
25,000	to	30,000	Gallons	27,500	0	0	0.00
30,000	to	35,000	Gallons	32,500	0	0	0.00
35,000	to	40,000	Gallons	37,500	0	0	0.00
40,000	to	45,000	Gallons	42,500	0	0	0.00
45,000	to	50,000	Gallons	47,500	0	0	0.00
50,000	to	55,000	Gallons	52,500	0	0	0.00
55,000	to	60,000	Gallons	57,500	0	0	0.00
60,000	to	65,000	Gallons	62,500	0	0	0.00
65,000	to	70,000	Gallons	67,500	0	0	0.00
70,000	to	75,000	Gallons	72,500	0	0	0.00
75,000	to	100,000	Gallons	87,500	0	0	0.00
100,000	to	150,000	Gallons	125,000	0	0	0.00
150,000	to	200,000	Gallons	175,000	0	0	0.00
200,000	to	250,000	Gallons	225,000	0	0	0.00
Monthly Totals					0	0	\$0.00
Annual Totals					0	0	\$0.00
Monthly Avg/Customer						0	\$0.00

**XI. FACILITY CHARACTERISTICS OF PROPOSED SEWER SYSTEM: N/A**

**A. Sewage Treatment**

**1. Type** \_\_\_\_\_

**2. Method of Sludge Disposal** \_\_\_\_\_

**3. Cost per 1,000 gallons if sewage treatment is contracted:**

**\$** \_\_\_\_\_

**B. Treatment Capacity of Sewage Treatment Plant** \_\_\_\_\_

**C. Type of Sewage Collector System (Describe)** \_\_\_\_\_

**D. Number and Capacity of Lift Stations** \_\_\_\_\_

**E. Sewage Collection System:**

**Lineal Feet of Collector Lines, by size** 6" \_\_\_\_\_ 8" \_\_\_\_\_

10" \_\_\_\_\_ 12" \_\_\_\_\_ **Larger** \_\_\_\_\_

**Lineal Feet of Force Main, by size** 4" \_\_\_\_\_ 6" \_\_\_\_\_

**XII. LAND AND RIGHTS-PROPOSED SEWER SYSTEM N/A**

**Number of Treatment Plant Sites** \_\_\_\_\_

**Number of Pump Sites** \_\_\_\_\_

**Number of Other Sites** \_\_\_\_\_

**Total Acreage** \_\_\_\_\_

**Purchase Price** \_\_\_\_\_



**XIII. FACILITY CHARACTERISTICS OF PROPOSED WATER SYSTEM**

- A. Water Source: Describe adequacy of source (quality and quantity). Include an explanation of raw water source, raw water intake structure, treatment plant capacity, and current level of production (WTP). Also describe the adequacy of Water Purchase Contract if applicable.

The source of raw water is Lake Cumberland which has an ample supply and excellent quality. The capacity of the City of Somerset's treatment plant will have sufficient capacity to provide water for the current and proposed usage.

- B. Water Storage:

Type: Ground Storage Tank 0 Elevated Tank \_\_\_\_\_  
 Standpipe 0 Other \_\_\_\_\_  
 Number of Storage Structures 0  
 Total Storage Volume Capacity 0

- C. Water Distribution System:

Pipe Material PVC  
 Lineal Feet of Pipe: 3" Diameter 1,970 4" 4,000  
 6" - 8" -  
 10" - 12" 33,400  
 Number and Capacity of Pump Station(s) One @ 1200 GPM & One @ 250 GPM

**XIV. LAND AND RIGHTS-PROPOSED SYSTEM**

Number of Treatment Plant Sites 0  
 Number of Pump Sites 1  
 Number of Other Sites 0  
 Total Acreage Ac.  
 Purchase Price \$0, Existing

**XV. NUMBER OF NEW SEWER USERS: N/A**

<i>Residential (In Town) *</i>	_____
<i>Residential (Out of Town) *</i>	_____
<i>Non-Residential (In Town)</i>	_____
<i>Non-Residential (Out of Town)</i>	_____
<i>Total</i>	_____
<i>Number of Total Potential Users Living in the Service Area</i>	_____

*\* Note: Residential Users: Classify by type of user regardless of quantity of water used. This classification should include those meters serving individual rural residences.*

**XVI. PROPOSED SEWER CONNECTION FEES FOR EACH SIZE WATER METER CONNECTION N/A**

<u><i>Meter Size</i></u>	<u><i>Connection Fee</i></u>
<u><i>5/8" x 3/4"</i></u>	_____
<u><i>1-Inch</i></u>	_____
<u><i>1-1/2-Inch</i></u>	_____
<u><i>2-Inch</i></u>	_____
<u><i>3-inch</i></u>	_____

XVII. NUMBER OF NEW WATER USERS

Residential (In Town) *	_____
Residential (Out of Town) *	_____ 0 _____
Non-Residential (In Town)	_____
Non-Residential (Out of Town)	_____
Total	_____ 0 _____
Number of Total Potential Users Living in the Service Area	_____ 0 _____

\* Note: Residential Users: Classify by type of user regardless of quantity of water used. This classification should include those meters serving individual rural residences.

XVIII. PROPOSED WATER CONNECTION FEES FOR EACH SIZE WATER METER CONNECTION

<u>Meter Size</u>	<u>Connection Fee</u>
_____ 5/8" x 3/4" _____	_____ \$915.00 _____
_____ 1-Inch _____	_____ \$1,275.00 _____
_____ 1-1/2-Inch _____	_____ Actual Cost _____
_____ 2-Inch _____	_____ Actual Cost _____
_____ 3-Inch _____	_____ Actual Cost _____

**XIX. SEWER RATES-PROPOSED: N/A**

**A. *Proposed Rate Schedule without RUS Grant:***

**Percentage of Water Bill \_\_\_\_\_ % Minimum Charge \_\_\_\_\_**

**Other: If Charge not Based on Water Bill \_\_\_\_\_**

***Proposed Rate Schedule: Without RUS Grant***

<b>First</b>	_____	<b>Gallons @ \$</b>	_____	<b>Minimum</b>
<b>Next</b>	_____	<b>Gallons @ \$</b>	_____	<b>Per 1,000 Gallons</b>
<b>Next</b>	_____	<b>Gallons @ \$</b>	_____	<b>Per 1,000 Gallons</b>
<b>Next</b>	_____	<b>Gallons @ \$</b>	_____	<b>Per 1,000 Gallons</b>
<b>Next</b>	_____	<b>Gallons @ \$</b>	_____	<b>Per 1,000 Gallons</b>
<b>All Over</b>	_____	<b>Gallons @ \$</b>	_____	<b>Per 1,000 Gallons</b>

***The above proposed rate, without RUS grant, must be completed for each grant. If the applicant/engineer desires, there is no obligation to recommending a proposed rate with an estimated RUS grant in the Table below. However, the preparer should remember that the Table (A) above must be completed prior to Table (B).***

**B. *Proposed Rate Schedule with RUS Grant:***

**Percentage of Water Bill \_\_\_\_\_ % Minimum Charge \_\_\_\_\_**

**Other: If Charge not Based on Water Bill \_\_\_\_\_**

***Proposed Rate Schedule: With RUS Grant***

<b>First</b>	_____	<b>Gallons @ \$</b>	_____	<b>Minimum</b>
<b>Next</b>	_____	<b>Gallons @ \$</b>	_____	<b>Per 1,000 Gallons</b>
<b>Next</b>	_____	<b>Gallons @ \$</b>	_____	<b>Per 1,000 Gallons</b>
<b>Next</b>	_____	<b>Gallons @ \$</b>	_____	<b>Per 1,000 Gallons</b>
<b>Next</b>	_____	<b>Gallons @ \$</b>	_____	<b>Per 1,000 Gallons</b>
<b>All Over</b>	_____	<b>Gallons @ \$</b>	_____	<b>Per 1,000 Gallons</b>

XX. WATER RATES – PROPOSED (5/8-INCH BY 3/4-INCH METER):

A. Proposed Rate Schedule without RUS Grant:

First	<u>2,000</u>	Gallons @ \$	<u>21.58</u>	Minimum
All Over	<u>2,000</u>	Gallons @ \$	<u>6.31</u>	Per 1,000 Gallons

The above proposed rate, without RUS grant, must be completed for each grant. If the applicant/engineer desires, there is no obligation to recommending a proposed rate with an estimated RUS grant in the Table below. However, the preparer should remember that the Table (A) above must be completed prior to Table (B).

B. Proposed Rate Schedule with RUS Grant 5/8-inch x 3/4-inch Meter:

First	<u>2,000</u>	Gallons @ \$	<u>20.58</u>	Minimum
All Over	<u>2,000</u>	Gallons @ \$	<u>6.31</u>	Per 1,000 Gallons

Proposed Rate Schedule: 1-inch Meter

First	<u>10,000</u>	Gallons @ \$	<u>70.82</u>	Minimum
All Over	<u>10,000</u>	Gallons @ \$	<u>6.31</u>	Per 1,000 Gallons

Proposed Rate Schedule: 1 1/2-inch Meter

First	<u>15,000</u>	Gallons @ \$	<u>102.22</u>	Minimum
All Over	<u>15,000</u>	Gallons @ \$	<u>6.31</u>	Per 1,000 Gallons

Proposed Rate Schedule: 2-inch Meter

First	<u>20,000</u>	Gallons @ \$	<u>133.62</u>	Minimum
All Over	<u>20,000</u>	Gallons @ \$	<u>6.31</u>	Per 1,000 Gallons

Proposed Rate Schedule: 3-inch Meter

First	<u>30,000</u>	Gallons @ \$	<u>196.42</u>	Minimum
All Over	<u>30,000</u>	Gallons @ \$	<u>6.31</u>	Per 1,000 Gallons

**XXII. ANALYSIS OF ACTUAL WATER USAGE - EXIST SYSTEM - ONE YEAR PERIOD**

**WESTERN PULASKI COUNTY WATER DISTRICT  
PROPOSED WATER RATES  
RESIDENTIAL OUT OF TOWN USERS  
5/8" X 3/4" METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	2,000	Gallons	\$20.58 (MINIMUM BILL)
OVER	2,000	Gallons	6.31 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	2,310	2,310,000	47,539.80
2,000	to	3,000	Gallons	2,500	2,168	5,420,000	51,457.48
3,000	to	4,000	Gallons	3,500	1,268	4,438,000	38,097.06
4,000	to	5,000	Gallons	4,500	950	4,275,000	34,537.25
5,000	to	6,000	Gallons	5,500	655	3,602,500	27,945.58
6,000	to	7,000	Gallons	6,500	406	2,639,000	19,883.85
7,000	to	8,000	Gallons	7,500	150	1,125,000	8,292.75
8,000	to	9,000	Gallons	8,500	100	850,000	6,159.50
9,000	to	10,000	Gallons	9,500	90	855,000	6,111.45
10,000	to	11,000	Gallons	10,500	86	903,000	6,382.49
11,000	to	12,000	Gallons	11,500	60	690,000	4,831.50
12,000	to	13,000	Gallons	12,500	40	500,000	3,473.40
13,000	to	14,000	Gallons	13,500	30	405,000	2,794.35
14,000	to	15,000	Gallons	14,500	20	290,000	1,989.10
15,000	to	16,000	Gallons	15,500	15	232,500	1,586.48
16,000	to	17,000	Gallons	16,500	10	165,000	1,120.75
17,000	to	18,000	Gallons	17,500	9	157,500	1,065.47
18,000	to	19,000	Gallons	18,500	8	148,000	997.56
19,000	to	20,000	Gallons	19,500	7	136,500	917.04
20,000	to	25,000	Gallons	22,500	6	135,000	899.61
25,000	to	30,000	Gallons	27,500	5	137,500	907.43
30,000	to	35,000	Gallons	32,500	4	130,000	852.14
35,000	to	40,000	Gallons	37,500	3	112,500	733.76
40,000	to	45,000	Gallons	42,500	2	85,000	552.27
45,000	to	50,000	Gallons	47,500	2	95,000	615.37
50,000	to	55,000	Gallons	52,500	2	105,000	678.47
55,000	to	60,000	Gallons	57,500	2	115,000	741.57
60,000	to	65,000	Gallons	62,500	1	62,500	402.34
65,000	to	70,000	Gallons	67,500	1	67,500	433.89
70,000	to	75,000	Gallons	72,500	0	0	0.00
75,000	to	100,000	Gallons	87,500	0	0	0.00
100,000	to	150,000	Gallons	125,000	2	250,000	1,593.42
150,000	to	200,000	Gallons	175,000	0	0	0.00
200,000	to	250,000	Gallons	225,000	0	0	0.00
Monthly Totals					8,412	30,437,000	\$273,593.09
Annual Totals					100,944	365,244,000	\$3,283,117.08
Monthly Avg/Customer						3,618	\$32.52

**WESTERN PULASKI COUNTY WATER DISTRICT  
PROPOSED WATER RATES  
RESIDENTIAL OUT OF TOWN USERS  
1-INCH METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	10,000	Gallons	\$70.82 (MINIMUM BILL)
OVER	10,000	Gallons	6.31 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	0	0	0.00
2,000	to	3,000	Gallons	2,500	0	0	0.00
3,000	to	4,000	Gallons	3,500	0	0	0.00
4,000	to	5,000	Gallons	4,500	0	0	0.00
5,000	to	6,000	Gallons	5,500	0	0	0.00
6,000	to	7,000	Gallons	6,500	0	0	0.00
7,000	to	8,000	Gallons	7,500	0	0	0.00
8,000	to	9,000	Gallons	8,500	0	0	0.00
9,000	to	10,000	Gallons	9,500	0	0	0.00
10,000	to	11,000	Gallons	10,500	2	21,000	147.95
11,000	to	12,000	Gallons	11,500	2	23,000	160.57
12,000	to	13,000	Gallons	12,500	2	25,000	173.19
13,000	to	14,000	Gallons	13,500	2	27,000	185.81
14,000	to	15,000	Gallons	14,500	2	29,000	198.43
15,000	to	16,000	Gallons	15,500	2	31,000	211.05
16,000	to	17,000	Gallons	16,500	2	33,000	223.67
17,000	to	18,000	Gallons	17,500	2	35,000	236.29
18,000	to	19,000	Gallons	18,500	2	37,000	248.91
19,000	to	20,000	Gallons	19,500	2	39,000	261.53
20,000	to	25,000	Gallons	22,500	2	45,000	299.39
25,000	to	30,000	Gallons	27,500	2	55,000	362.49
30,000	to	35,000	Gallons	32,500	2	65,000	425.59
35,000	to	40,000	Gallons	37,500	2	75,000	488.69
40,000	to	45,000	Gallons	42,500	2	85,000	551.79
45,000	to	50,000	Gallons	47,500	2	95,000	614.89
50,000	to	55,000	Gallons	52,500	2	105,000	677.99
55,000	to	60,000	Gallons	57,500	2	115,000	741.09
60,000	to	65,000	Gallons	62,500	2	125,000	804.19
65,000	to	70,000	Gallons	67,500	2	135,000	867.29
70,000	to	75,000	Gallons	72,500	0	0	0.00
75,000	to	100,000	Gallons	87,500	0	0	0.00
100,000	to	150,000	Gallons	125,000	0	0	0.00
150,000	to	200,000	Gallons	175,000	0	0	0.00
200,000	to	250,000	Gallons	225,000	0	0	0.00
Monthly Totals					40	1,200,000	\$7,880.80
Annual Totals					480	14,400,000	\$94,569.60
Monthly Avg/Customer						30,000	\$197.02

**WESTERN PULASKI COUNTY WATER DISTRICT  
PROPOSED WATER RATES  
NON RESIDENTIAL OUT OF TOWN USERS  
1-INCH METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	10,000	Gallons	\$70.82 (MINIMUM BILL)
OVER	10,000	Gallons	5.98 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	0	0	0.00
2,000	to	3,000	Gallons	2,500	29	72,500	2,053.78
3,000	to	4,000	Gallons	3,500	2	7,000	141.64
4,000	to	5,000	Gallons	4,500	1	4,500	70.82
5,000	to	6,000	Gallons	5,500	2	11,000	141.64
6,000	to	7,000	Gallons	6,500	0	0	0.00
7,000	to	8,000	Gallons	7,500	0	0	0.00
8,000	to	9,000	Gallons	8,500	1	8,500	70.82
9,000	to	10,000	Gallons	9,500	1	9,500	70.82
10,000	to	11,000	Gallons	10,500	2	21,000	147.62
11,000	to	12,000	Gallons	11,500	2	23,000	159.58
12,000	to	13,000	Gallons	12,500	2	25,000	171.54
13,000	to	14,000	Gallons	13,500	2	27,000	183.50
14,000	to	15,000	Gallons	14,500	2	29,000	195.46
15,000	to	16,000	Gallons	15,500	2	31,000	207.42
16,000	to	17,000	Gallons	16,500	2	33,000	219.38
17,000	to	18,000	Gallons	17,500	2	35,000	231.34
18,000	to	19,000	Gallons	18,500	2	37,000	243.30
19,000	to	20,000	Gallons	19,500	2	39,000	255.26
20,000	to	25,000	Gallons	22,500	2	45,000	291.14
25,000	to	30,000	Gallons	27,500	2	55,000	350.94
30,000	to	35,000	Gallons	32,500	1	32,500	205.37
35,000	to	40,000	Gallons	37,500	0	0	0.00
40,000	to	45,000	Gallons	42,500	0	0	0.00
45,000	to	50,000	Gallons	47,500	0	0	0.00
50,000	to	55,000	Gallons	52,500	0	0	0.00
55,000	to	60,000	Gallons	57,500	0	0	0.00
60,000	to	65,000	Gallons	62,500	0	0	0.00
65,000	to	70,000	Gallons	67,500	0	0	0.00
70,000	to	75,000	Gallons	72,500	0	0	0.00
75,000	to	100,000	Gallons	87,500	0	0	0.00
100,000	to	150,000	Gallons	125,000	0	0	0.00
150,000	to	200,000	Gallons	175,000	0	0	0.00
200,000	to	250,000	Gallons	225,000	0	0	0.00
Monthly Totals					61	545,500	\$5,411.37
Annual Totals					732	6,546,000	\$64,936.44
Monthly Avg/Customer						8,943	\$88.71



**WESTERN PULASKI COUNTY WATER DISTRICT  
PROPOSED WATER RATES  
NON RESIDENTIAL OUT OF TOWN USERS  
1 1/2-INCH METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	15,000	Gallons	\$102.22 (MINIMUM BILL)
OVER	15,000	Gallons	6.31 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	0	0	0.00
2,000	to	3,000	Gallons	2,500	0	0	0.00
3,000	to	4,000	Gallons	3,500	0	0	0.00
4,000	to	5,000	Gallons	4,500	0	0	0.00
5,000	to	6,000	Gallons	5,500	0	0	0.00
6,000	to	7,000	Gallons	6,500	0	0	0.00
7,000	to	8,000	Gallons	7,500	0	0	0.00
8,000	to	9,000	Gallons	8,500	0	0	0.00
9,000	to	10,000	Gallons	9,500	0	0	0.00
10,000	to	11,000	Gallons	10,500	0	0	0.00
11,000	to	12,000	Gallons	11,500	0	0	0.00
12,000	to	13,000	Gallons	12,500	0	0	0.00
13,000	to	14,000	Gallons	13,500	0	0	0.00
14,000	to	15,000	Gallons	14,500	0	0	0.00
15,000	to	16,000	Gallons	15,500	0	0	0.00
16,000	to	17,000	Gallons	16,500	0	0	0.00
17,000	to	18,000	Gallons	17,500	0	0	0.00
18,000	to	19,000	Gallons	18,500	0	0	0.00
19,000	to	20,000	Gallons	19,500	0	0	0.00
20,000	to	25,000	Gallons	22,500	0	0	0.00
25,000	to	30,000	Gallons	27,500	0	0	0.00
30,000	to	35,000	Gallons	32,500	0	0	0.00
35,000	to	40,000	Gallons	37,500	0	0	0.00
40,000	to	45,000	Gallons	42,500	0	0	0.00
45,000	to	50,000	Gallons	47,500	0	0	0.00
50,000	to	55,000	Gallons	52,500	0	0	0.00
55,000	to	60,000	Gallons	57,500	0	0	0.00
60,000	to	65,000	Gallons	62,500	0	0	0.00
65,000	to	70,000	Gallons	67,500	0	0	0.00
70,000	to	75,000	Gallons	72,500	0	0	0.00
75,000	to	100,000	Gallons	87,500	0	0	0.00
100,000	to	150,000	Gallons	125,000	0	0	0.00
150,000	to	200,000	Gallons	175,000	0	0	0.00
200,000	to	250,000	Gallons	225,000	0	0	0.00
Monthly Totals					0	0	\$0.00
Annual Totals					0	0	\$0.00
Monthly Avg/Customer						0	\$0.00

**WESTERN PULASKI COUNTY WATER DISTRICT  
PROPOSED WATER RATES  
NON RESIDENTIAL OUT OF TOWN USERS  
2-INCH METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	20,000	Gallons	\$133.62 (MINIMUM BILL)
OVER	20,000	Gallons	6.31 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	0	0	0.00
2,000	to	3,000	Gallons	2,500	44	110,000	5,879.28
3,000	to	4,000	Gallons	3,500	0	0	0.00
4,000	to	5,000	Gallons	4,500	0	0	0.00
5,000	to	6,000	Gallons	5,500	0	0	0.00
6,000	to	7,000	Gallons	6,500	0	0	0.00
7,000	to	8,000	Gallons	7,500	0	0	0.00
8,000	to	9,000	Gallons	8,500	0	0	0.00
9,000	to	10,000	Gallons	9,500	0	0	0.00
10,000	to	11,000	Gallons	10,500	0	0	0.00
11,000	to	12,000	Gallons	11,500	0	0	0.00
12,000	to	13,000	Gallons	12,500	0	0	0.00
13,000	to	14,000	Gallons	13,500	0	0	0.00
14,000	to	15,000	Gallons	14,500	0	0	0.00
15,000	to	16,000	Gallons	15,500	0	0	0.00
16,000	to	17,000	Gallons	16,500	0	0	0.00
17,000	to	18,000	Gallons	17,500	0	0	0.00
18,000	to	19,000	Gallons	18,500	0	0	0.00
19,000	to	20,000	Gallons	19,500	0	0	0.00
20,000	to	25,000	Gallons	22,500	0	0	0.00
25,000	to	30,000	Gallons	27,500	0	0	0.00
30,000	to	35,000	Gallons	32,500	0	0	0.00
35,000	to	40,000	Gallons	37,500	0	0	0.00
40,000	to	45,000	Gallons	42,500	0	0	0.00
45,000	to	50,000	Gallons	47,500	2	95,000	614.29
50,000	to	55,000	Gallons	52,500	2	105,000	677.39
55,000	to	60,000	Gallons	57,500	2	115,000	740.49
60,000	to	65,000	Gallons	62,500	2	125,000	803.59
65,000	to	70,000	Gallons	67,500	2	135,000	866.69
70,000	to	75,000	Gallons	72,500	2	145,000	929.79
75,000	to	100,000	Gallons	87,500	2	175,000	1,119.09
100,000	to	150,000	Gallons	125,000	2	250,000	1,592.34
150,000	to	200,000	Gallons	175,000	2	350,000	2,223.34
200,000	to	250,000	Gallons	225,000	2	450,000	2,854.34
Monthly Totals					64	2,055,000	\$18,300.63
Annual Totals					768	24,660,000	\$219,607.56
Monthly Avg/Customer						32,109	\$285.95

**WESTERN PULASKI COUNTY WATER DISTRICT  
PROPOSED WATER RATES  
NON RESIDENTIAL OUT OF TOWN USERS  
3-INCH METER**

<b>EXISTING RATE STRUCTURE</b>			
FIRST	30,000	Gallons	\$196.42 (MINIMUM BILL)
OVER	30,000	Gallons	6.31 Per 1,000 Gallons

<b>ANALYSIS OF MONTHLY WATER USAGE AND INCOME</b>							
Monthly Water Usage			Units	Average Usage	Number of Users	Total Usage	Projected Income
0	to	2,000	Gallons	1,000	0	0	0.00
2,000	to	3,000	Gallons	2,500	0	0	0.00
3,000	to	4,000	Gallons	3,500	0	0	0.00
4,000	to	5,000	Gallons	4,500	0	0	0.00
5,000	to	6,000	Gallons	5,500	0	0	0.00
6,000	to	7,000	Gallons	6,500	0	0	0.00
7,000	to	8,000	Gallons	7,500	0	0	0.00
8,000	to	9,000	Gallons	8,500	0	0	0.00
9,000	to	10,000	Gallons	9,500	0	0	0.00
10,000	to	11,000	Gallons	10,500	0	0	0.00
11,000	to	12,000	Gallons	11,500	0	0	0.00
12,000	to	13,000	Gallons	12,500	0	0	0.00
13,000	to	14,000	Gallons	13,500	0	0	0.00
14,000	to	15,000	Gallons	14,500	0	0	0.00
15,000	to	16,000	Gallons	15,500	0	0	0.00
16,000	to	17,000	Gallons	16,500	0	0	0.00
17,000	to	18,000	Gallons	17,500	0	0	0.00
18,000	to	19,000	Gallons	18,500	0	0	0.00
19,000	to	20,000	Gallons	19,500	0	0	0.00
20,000	to	25,000	Gallons	22,500	0	0	0.00
25,000	to	30,000	Gallons	27,500	0	0	0.00
30,000	to	35,000	Gallons	32,500	0	0	0.00
35,000	to	40,000	Gallons	37,500	0	0	0.00
40,000	to	45,000	Gallons	42,500	0	0	0.00
45,000	to	50,000	Gallons	47,500	0	0	0.00
50,000	to	55,000	Gallons	52,500	0	0	0.00
55,000	to	60,000	Gallons	57,500	0	0	0.00
60,000	to	65,000	Gallons	62,500	0	0	0.00
65,000	to	70,000	Gallons	67,500	0	0	0.00
70,000	to	75,000	Gallons	72,500	0	0	0.00
75,000	to	100,000	Gallons	87,500	0	0	0.00
100,000	to	150,000	Gallons	125,000	0	0	0.00
150,000	to	200,000	Gallons	175,000	0	0	0.00
200,000	to	250,000	Gallons	225,000	0	0	0.00
Monthly Totals					0	0	\$0.00
Annual Totals					0	0	\$0.00
Monthly Avg/Customer						0	\$0.00

**XXIII. FORECAST OF SEWER USAGE - INCOME - EXISTING SYSTEM - EXISTING USERS N/A**

<i>Meter Size*</i>	<i>Monthly Sewer Usage</i>	<i>Average Rate</i>	<i>Residential</i>			<i>Non-Residential</i>		
			<i>No. of Users**</i>	<i>Usage (1000)</i>	<i>Income</i>	<i>No. of Users</i>	<i>Usage (1000)</i>	<i>Income</i>
	0 - 2,000 Gallons	1,000						
	2,000 - 3,000 Gallons	2,500						
	3,000 - 4,000 Gallons	3,500						
	4,000 - 5,000 Gallons	4,500						
	5,000 - 6,000 Gallons	5,500						
	6,000 - 7,000 Gallons	6,500						
	7,000 - 8,000 Gallons	7,500						
	8,000 - 9,000 Gallons	8,500						
	9,000 - 10,000 Gallons	9,500						
5/8	10,000 - 11,000 Gallons	10,500						
x	11,000 - 12,000 Gallons	11,500						
3/4	12,000 - 13,000 Gallons	12,500						
Inch	13,000 - 14,000 Gallons	13,500						
	14,000 - 15,000 Gallons	14,500						
	15,000 - 16,000 Gallons	15,500						
	16,000 - 17,000 Gallons	16,500						
	17,000 - 18,000 Gallons	17,500						
	18,000 - 19,000 Gallons	18,500						
	19,000 - 20,000 Gallons	19,500						
	- Gallons							
	- Gallons							
	- Gallons							
	<b>Sub-Total</b>		( )	( )	( )	( )	( )	( )
	<b>Average Monthly Rate</b> ( )							
	<b>Average Monthly Usage</b>		( )			( )		

\* Breakdown of meter size usage is not required unless different sewer rates are charged based on size of water meter.

\*\* Number of users should reflect the actual number of "meter settings".

**XXIV. FORECAST OF SEWER USAGE - INCOME - NEW USERS - EXTENSION**  
ONLY N/A

<i>Meter Size*</i>	<i>Monthly Sewer Usage</i>	<i>Average Rate</i>	<i>Residential</i>		<i>Non-Residential</i>	
			<i>No. of</i>	<i>Usage</i>	<i>No. of</i>	<i>Usage</i>
			<i>Users**</i>	<i>Income</i>	<i>Users</i>	<i>Income</i>
			<i>(1000)</i>	<i>(1000)</i>	<i>(1000)</i>	<i>(1000)</i>
	0 - 2,000 Gallons	1,000	_____	_____	_____	_____
	2,000 - 3,000 Gallons	2,500	_____	_____	_____	_____
	3,000 - 4,000 Gallons	3,500	_____	_____	_____	_____
	4,000 - 5,000 Gallons	4,500	_____	_____	_____	_____
	5,000 - 6,000 Gallons	5,500	_____	_____	_____	_____
	6,000 - 7,000 Gallons	6,500	_____	_____	_____	_____
	7,000 - 8,000 Gallons	7,500	_____	_____	_____	_____
	8,000 - 9,000 Gallons	8,500	_____	_____	_____	_____
	9,000 - 10,000 Gallons	9,500	_____	_____	_____	_____
5/8	10,000 - 11,000 Gallons	10,500	_____	_____	_____	_____
x	11,000 - 12,000 Gallons	11,500	_____	_____	_____	_____
3/4	12,000 - 13,000 Gallons	12,500	_____	_____	_____	_____
Inch	13,000 - 14,000 Gallons	13,500	_____	_____	_____	_____
	14,000 - 15,000 Gallons	14,500	_____	_____	_____	_____
	15,000 - 16,000 Gallons	15,500	_____	_____	_____	_____
	16,000 - 17,000 Gallons	16,500	_____	_____	_____	_____
	17,000 - 18,000 Gallons	17,500	_____	_____	_____	_____
	18,000 - 19,000 Gallons	18,500	_____	_____	_____	_____
	19,000 - 20,000 Gallons	19,500	_____	_____	_____	_____
	_____ - _____ Gallons	_____	_____	_____	_____	_____
	_____ - _____ Gallons	_____	_____	_____	_____	_____
	_____ - _____ Gallons	_____	_____	_____	_____	_____
		<i>Sub-Total</i>	(_____)	(_____)	(_____)	(_____)
(_____)		<i>Average Monthly Rate</i>	(_____)			
		<i>Average Monthly Usage</i>	(_____)		(_____)	

\* Breakdown of meter size usage is not required unless different sewer rates are charged based on size of water meter.

\*\* Number of users should reflect the actual number of "meter settings".

XXV.

**CURRENT OPERATING BUDGET - (SEWER SYSTEM) N/A**

*(As of the last full operating year.)*

<b>A. Operating Income:</b>	
<i>Sewer Revenue</i>	_____
<i>Late Charge Fees</i>	_____
<i>Other (Describe)</i>	_____
<i>Less Allowances and Deductions</i>	_____
<b>Total Operating Income</b>	_____
<b>B. Operation and Maintenance Expenses:</b>	
<i>(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)</i>	
<i>Operation Expense</i>	_____
<i>Maintenance Expense</i>	_____
<i>Customer Accounts Expense</i>	_____
<i>Administrative and General Expense</i>	_____
<b>Total Operating and Maintenance Expenses</b>	_____
<b>Net Operating Income</b>	_____
<b>C. Non Operating Income:</b>	
<i>Interest on Deposits</i>	_____
<i>Other (Identify)</i>	_____
<b>Total Non-Operating Income</b>	_____
<b>D. Net Income</b>	_____
<b>E. Debt Repayment:</b>	
<i>RUS Interest</i>	_____
<i>RUS Principal</i>	_____
<i>Non-RUS Interest</i>	_____
<i>Non-RUS Principal</i>	_____
<b>Total Debt Repayment</b>	_____
<b>F. Balance Available for Coverage</b>	_____

**XXVI. PROPOSED OPERATING BUDGET-(SEWER SYSTEM)-EXISTING N/A SYSTEM and NEW USERS (1<sup>ST</sup> Full Year of Operation) Year Ending \_\_\_\_\_**

<b>A. <i>Operating Income:</i></b>	
<i>Sewer Revenue</i>	_____
<i>Late Charge Fees</i>	_____
<i>Other (Describe)</i>	_____
<i>Less Allowances and Deductions</i>	_____
<i>Total Operating Income</i>	_____
<b>B. <i>Operation and Maintenance Expenses:</i></b>	
<i>(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)</i>	
<i>Operation Expense</i>	_____
<i>Maintenance Expense</i>	_____
<i>Customer Accounts Expense</i>	_____
<i>Administrative and General Expense</i>	_____
<i>Total Operating and Maintenance Expenses</i>	_____
<i>Net Operating Income</i>	_____
<b>C. <i>Non Operating Income:</i></b>	
<i>Interest on Deposits</i>	_____
<i>Other (Identify)</i>	_____
<i>Total Non-Operating Income</i>	_____
<b>D. <i>Net Income</i></b>	_____
<b>E. <i>Debt Repayment:</i></b>	
<i>RUS Interest</i>	_____
<i>RUS Principal</i>	_____
<i>Non-RUS Interest</i>	_____
<i>Non-RUS Principal</i>	_____
<i>Total Debt Repayment</i>	_____
<b>F. <i>Balance Available for Coverage</i></b>	_____

XXVII.

**PROPOSED OPERATING BUDGET-(SEWER SYSTEM)-NEW USERS-  
EXTENSION ONLY (1<sup>ST</sup> Full Year of Operation) Year Ending \_\_\_\_\_ N/A**

<b>A. Operating Income:</b>	
<i>Sewer Revenue</i>	_____
<i>Late Charge Fees</i>	_____
<i>Other (Describe)</i>	_____
<i>Less Allowances and Deductions</i>	_____
<i>Total Operating Income</i>	_____
<b>B. Operation and Maintenance Expenses:</b>	
<i>(Based on Uniform System of Accounts prescribed by National Association of     Regulatory Utility Commissioners)</i>	
<i>Operation Expense</i>	_____
<i>Maintenance Expense</i>	_____
<i>Customer Accounts Expense</i>	_____
<i>Administrative and General Expense</i>	_____
<i>Total Operating and Maintenance Expenses</i>	_____
<i>Net Operating Income</i>	_____
<b>C. Non Operating Income:</b>	
<i>Interest on Deposits</i>	_____
<i>Other (Identify)</i>	_____
<i>Total Non-Operating Income</i>	_____
<b>D. Net Income</b>	_____
<b>E. Debt Repayment:</b>	
<i>RUS Interest</i>	_____
<i>RUS Principal</i>	_____
<i>Non-RUS Interest</i>	_____
<i>Non-RUS Principal</i>	_____
<i>Total Debt Repayment</i>	_____
<b>F. Balance Available for Coverage</b>	_____



XXVIII. CURRENT OPERATING BUDGET- EXISTING WATER SYSTEM and EXISTING USERS (As of the last full operating year) Year Ending 2019

A. Operating Income:	
Water Sales	\$3,277,409
Disconnect/Reconnect/Late Charge Fees	0
Other (Describe) Misc Service Revenues	108,031
Less Allowances and Deductions	
Total Operating Income	<u>\$3,385,440</u>
B. Operation and Maintenance Expenses:	
(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)	
Source of Supply Expense	\$1,356,514
Pumping Expense	77,642
Water Treatment Expense	0
Transmission and Distribution Expense	105,826
Customer Accounts Expense	100,445
Administrative and General Expense	818,590
Total Operating Expenses	<u>\$2,459,017</u>
Net Operating Income	<u>\$926,423</u>
C. Non Operating Income:	
Interest on Deposits	\$14,528
Other	0
Total Non-Operating Income	<u>\$14,528</u>
D. Net Income	<u>\$940,951</u>
E. Debt Repayment:	
RUS Interest	\$174,675
RUS Principal	99,834
Non-RUS Interest	107,024
Non-RUS Principal	269,234
Total Debt Repayment	<u>\$650,767</u>
F. Reserve Accounts	
Short Lived Assets Replacement Reserves	\$25,000
Debt Reserve	3,590
Total Reserve	<u>\$28,590</u>
G. Balance Available for Coverage	<u>\$290,184</u>

XXIX. PROPOSED OPERATING BUDGET - PROPOSED WATER SYSTEM  
EXISTING USERS (1st Full Year of Operation) Year Ending 2022

A. Operating Income:	
Water Sales	\$3,662,231
Disconnect/Reconnect/Late Charge Fees	0
Other (Describe)	110,000
Less Allowances and Deductions	
Total Operating Income	<u>\$3,772,231</u>
B. Operation and Maintenance Expenses:	
(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)	
Source of Supply Expense	\$1,356,514
Pumping Expense	97,920
Water Treatment Expense	0
Transmission and Distribution Expense	133,477
Customer Accounts Expense	126,690
Administrative and General Expense	1,076,143
Total Operating Expenses	<u>\$2,790,744</u>
Net Operating Income	<u>\$981,487</u>
C. Non Operating Income:	
Interest on Deposits	\$14,500
Other (Identify)	0
Total Non-Operating Income	<u>\$14,500</u>
D. Net Income	<u>\$995,987</u>
E. Debt Repayment:	
RUS Interest	\$237,456
RUS Principal	109,083
Non-RUS Interest	85,698
Non-RUS Principal	291,974
Total Debt Repayment	<u>\$724,211</u>
F. Balance Available for Coverage	<u>\$271,776</u>
G. Reserve Accounts	
Short Lived Assets Replacement Reserves	\$96,900
Debt Reserve	25,900
Total Reserve	<u>\$122,800</u>

XXX. PROPOSED OPERATING BUDGET - PROPOSED WATER SYSTEM  
EXISTING USERS (3<sup>rd</sup> Full Year of Operation) Year Ending 2024

A. Operating Income:	
Water Sales	\$3,662,231
Disconnect/Reconnect/Late Charge Fees	0
Other (Describe) Tap Fees & Supplies	110,000
Less Allowances and Deductions	
Total Operating Income	<u>\$3,772,231</u>
B. Operation and Maintenance Expenses:	
(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)	
Source of Supply Expense	\$1,356,514
Pumping Expense	108,471
Water Treatment Expense	0
Transmission and Distribution Expense	147,860
Customer Accounts Expense	140,342
Administrative and General Expense	1,192,446
Total Operating Expenses	<u>\$2,945,633</u>
Net Operating Income	<u>\$826,598</u>
C. Non Operating Income:	
Interest on Deposits	\$14,500
Other (Identify)	0
Total Non-Operating Income	<u>\$14,500</u>
D. Net Income	<u>\$841,098</u>
E. Debt Repayment:	
RUS Interest	\$230,126
RUS Principal	141,816
Non-RUS Interest	69,894
Non-RUS Principal	302,363
Total Debt Repayment	<u>\$744,198</u>
F. Balance Available for Coverage	<u>\$96,900</u>
G. Reserve Accounts	
Short Lived Assets Replacement Reserves	\$96,900
Debt Reserve	25,900
Total Reserve	<u>\$122,800</u>

XXXI. ESTIMATED PROJECT COST - WATER

Development	\$ 4,194,900
Land & Rights	50,000
Legal	15,000
Engineering	467,000
Interest	40,000
Contingencies	420,100
Initial Operating and Maintenance	-
Other (Environmental)	10,000
TOTAL	\$ 5,197,000

XXXII. PROPOSED PROJECT FUNDING

Applicant - User Connection Fees	
Other Applicant Contribution	
Rural Development Loan	\$ 3,638,000
Rural Development Grant	1,559,000
ARC Grant (If applicable)	
CDBG (If applicable)	
Other (DWSRF)	
Other	
TOTAL	\$ 5,197,000

## **APPENDIX A**

### Amortization Schedules

# USDA BOND SCHEDULE

2002A Water District Revenue Bond USDA  
Western Pulaski County Water District

Interest Factor	0.055402	Principal	\$900,000
		Term	40
Annual Payment	\$49,862	Interest Rate	4.50%

YEAR	PMT. NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
2003	1	\$40,500	\$40,500	\$0	\$900,000
2004	2	40,500	40,500	0	900,000
2005	3	49,862	40,500	9,000	891,000
2006	4	49,862	40,095	10,000	881,000
2007	5	49,862	39,645	10,000	871,000
2008	6	49,862	39,195	11,000	860,000
2009	7	49,862	38,700	11,000	849,000
2010	8	49,862	38,205	12,000	837,000
2011	9	49,862	37,665	12,000	825,000
2012	10	49,862	37,125	13,000	812,000
2013	11	49,862	36,540	13,000	799,000
2014	12	49,862	35,955	14,000	785,000
2015	13	49,862	35,325	14,000	771,000
2016	14	49,862	34,695	15,000	756,000
2017	15	49,862	34,020	16,000	740,000
2018	16	49,862	33,300	16,000	724,000
2019	17	49,862	32,580	18,000	706,000
2020	18	49,862	31,770	18,000	688,000
2021	19	49,862	30,960	19,000	669,000
2022	20	49,862	30,105	20,000	649,000
2023	21	49,862	29,205	21,000	628,000
2024	22	49,862	28,260	21,000	607,000
2025	23	49,862	27,315	23,000	584,000
2026	24	49,862	26,280	23,000	561,000
2027	25	49,862	25,245	25,000	536,000
2028	26	49,862	24,120	26,000	510,000
2029	27	49,862	22,950	27,000	483,000
2030	28	49,862	21,735	28,000	455,000
2031	29	49,862	20,475	29,000	426,000
2032	30	49,862	19,170	31,000	395,000
2033	31	49,862	17,775	32,000	363,000
2034	32	49,862	16,335	34,000	329,000
2035	33	49,862	14,805	35,000	294,000
2036	34	49,862	13,230	37,000	257,000
2037	35	49,862	11,565	38,000	219,000
2038	36	49,862	9,855	40,000	179,000
2039	37	49,862	8,055	42,000	137,000
2040	38	49,862	6,165	44,000	93,000
2041	39	49,862	4,185	46,000	47,000
2042	40	49,862	2,115	47,000	0
<b>TOTALS</b>		<b>\$1,975,737.87</b>	<b>\$1,076,220.00</b>	<b>\$900,000.00</b>	

# USDA BOND SCHEDULE

2002B Water District Revenue Bond USDA  
Western Pulaski County Water District

Interest Factor	0.055402	Principal	\$550,000
		Term	40
Annual Payment	\$30,471	Interest Rate	4.50%

YEAR	PMT. NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
2003	1	\$24,750	\$24,750	\$0	\$550,000
2004	2	24,750	24,750	0	550,000
2005	3	30,471	24,750	6,000	544,000
2006	4	30,471	24,480	6,000	538,000
2007	5	30,471	24,210	6,000	532,000
2008	6	30,471	23,940	7,000	525,000
2009	7	30,471	23,625	7,000	518,000
2010	8	30,471	23,310	7,000	511,000
2011	9	30,471	22,995	8,000	503,000
2012	10	30,471	22,635	8,000	495,000
2013	11	30,471	22,275	8,000	487,000
2014	12	30,471	21,915	9,000	478,000
2015	13	30,471	21,510	9,000	469,000
2016	14	30,471	21,105	9,000	460,000
2017	15	30,471	20,700	10,000	450,000
2018	16	30,471	20,250	10,000	440,000
2019	17	30,471	19,800	11,000	429,000
2020	18	30,471	19,305	11,000	418,000
2021	19	30,471	18,810	12,000	406,000
2022	20	30,471	18,270	12,000	394,000
2023	21	30,471	17,730	13,000	381,000
2024	22	30,471	17,145	13,000	368,000
2025	23	30,471	16,560	14,000	354,000
2026	24	30,471	15,930	14,000	340,000
2027	25	30,471	15,300	15,000	325,000
2028	26	30,471	14,625	16,000	309,000
2029	27	30,471	13,905	16,000	293,000
2030	28	30,471	13,185	18,000	275,000
2031	29	30,471	12,375	18,000	257,000
2032	30	30,471	11,565	19,000	238,000
2033	31	30,471	10,710	20,000	218,000
2034	32	30,471	9,810	21,000	197,000
2035	33	30,471	8,865	21,000	176,000
2036	34	30,471	7,920	22,000	154,000
2037	35	30,471	6,930	23,000	131,000
2038	36	30,471	5,895	24,000	107,000
2039	37	30,471	4,815	25,000	82,000
2040	38	30,471	3,690	26,000	56,000
2041	39	30,471	2,520	27,000	29,000
2042	40	30,471	1,305	29,000	0
<b>TOTALS</b>		<b>\$1,207,395.36</b>	<b>\$654,165.00</b>	<b>\$550,000.00</b>	

# USDA BOND SCHEDULE

2010 Water District Revenue Bond USDA  
Western Pulaski County Water District

Interest Factor	0.039428	Principal	\$911,000
		Term	40
Annual Payment	\$35,918	Interest Rate	2.25%

YEAR	PMT. NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
2010	1	\$20,498	\$20,498	\$0	\$911,000
2011	2	20,498	20,498	0	911,000
2012	3	35,918	20,498	15,000	896,000
2013	4	35,918	20,160	15,000	881,000
2014	5	35,918	19,823	16,000	865,000
2015	6	35,918	19,463	16,000	849,000
2016	7	35,918	19,103	17,000	832,000
2017	8	35,918	18,720	17,000	815,000
2018	9	35,918	18,338	18,000	797,000
2019	10	35,918	17,933	18,000	779,000
2020	11	35,918	17,528	19,000	760,000
2021	12	35,918	17,100	19,000	741,000
2022	13	35,918	16,673	19,000	722,000
2023	14	35,918	16,245	20,000	702,000
2024	15	35,918	15,795	20,000	682,000
2025	16	35,918	15,345	21,000	661,000
2026	17	35,918	14,873	21,000	640,000
2027	18	35,918	14,400	22,000	618,000
2028	19	35,918	13,905	22,000	596,000
2029	20	35,918	13,410	22,000	574,000
2030	21	35,918	12,915	23,000	551,000
2031	22	35,918	12,398	23,000	528,000
2032	23	35,918	11,880	24,000	504,000
2033	24	35,918	11,340	24,000	480,000
2034	25	35,918	10,800	25,000	455,000
2035	26	35,918	10,238	26,000	429,000
2036	27	35,918	9,653	26,000	403,000
2037	28	35,918	9,068	27,000	376,000
2038	29	35,918	8,460	28,000	348,000
2039	30	35,918	7,830	28,000	320,000
2040	31	35,918	7,200	29,000	291,000
2041	32	35,918	6,548	29,000	262,000
2042	33	35,918	5,895	30,000	232,000
2043	34	35,918	5,220	31,000	201,000
2044	35	35,918	4,523	31,000	170,000
2045	36	35,918	3,825	32,000	138,000
2046	37	35,918	3,105	33,000	105,000
2047	38	35,918	2,363	34,000	71,000
2048	39	35,918	1,598	35,000	36,000
2049	40	35,918	810	36,000	0
<b>TOTALS</b>		<b>\$1,405,897.10</b>	<b>\$495,967.50</b>	<b>\$911,000.00</b>	



KENTUCKY RURAL WATER FINANCE CORPORATION FLEXIBLE TERM FINANCE PROGRAM SERIES 2012 E

Borrower: Western Pulaski County Waer District  
 Closing Date: 08/29/12

Borrower Payment Schedule

Payment Date	Principal	Interest Rate	Interest	Trustee Fees	Total	Fiscal Total
01/01/13			25,943.44	450.00	26,393.44	
07/01/13	55,000.00	2.200%	30,722.50		85,722.50	112,115.94
01/01/14			30,117.50	450.00	30,567.50	
07/01/14	115,000.00	2.200%	30,117.50		145,117.50	175,685.00
01/01/15			28,852.50	450.00	29,302.50	
07/01/15	115,000.00	2.200%	28,852.50		143,852.50	173,155.00
01/01/16			27,587.50	450.00	28,037.50	
07/01/16	120,000.00	2.200%	27,587.50		147,587.50	175,625.00
01/01/17			26,267.50	450.00	26,717.50	
07/01/17	120,000.00	2.200%	26,267.50		146,267.50	172,985.00
01/01/18			24,947.50	450.00	25,397.50	
07/01/18	125,000.00	2.450%	24,947.50		149,947.50	175,345.00
01/01/19			23,416.25	450.00	23,866.25	
07/01/19	125,000.00	3.200%	23,416.25		148,416.25	172,282.50
01/01/20			21,416.25	450.00	21,866.25	
07/01/20	130,000.00	3.200%	21,416.25		151,416.25	173,282.50
01/01/21			19,336.25	450.00	19,786.25	
07/01/21	135,000.00	3.200%	19,336.25		154,336.25	174,122.50
01/01/22			17,176.25	450.00	17,626.25	
07/01/22	140,000.00	3.200%	17,176.25		157,176.25	174,802.50
01/01/23			14,936.25	450.00	15,386.25	
07/01/23	140,000.00	3.200%	14,936.25		154,936.25	170,322.50
01/01/24			12,696.25	450.00	13,146.25	
07/01/24	145,000.00	3.200%	12,696.25		157,696.25	170,842.50
01/01/25			10,376.25	450.00	10,826.25	
07/01/25	155,000.00	3.200%	10,376.25		165,376.25	176,202.50
01/01/26			7,896.25	450.00	8,346.25	
07/01/26	40,000.00	3.200%	7,896.25		47,896.25	56,242.50
01/01/27			7,256.25	450.00	7,706.25	
07/01/27	40,000.00	3.200%	7,256.25		47,256.25	54,962.50
01/01/28			6,616.25	450.00	7,066.25	
07/01/28	40,000.00	3.200%	6,616.25		46,616.25	53,682.50
01/01/29			5,976.25	450.00	6,426.25	
07/01/29	45,000.00	3.350%	5,976.25		50,976.25	57,402.50
01/01/30			5,222.50	450.00	5,672.50	
07/01/30	45,000.00	3.350%	5,222.50		50,222.50	55,895.00
01/01/31			4,468.75	450.00	4,918.75	
07/01/31	45,000.00	3.450%	4,468.75		49,468.75	54,387.50
01/01/32			3,692.50	450.00	4,142.50	
07/01/32	50,000.00	3.450%	3,692.50		53,692.50	57,835.00
01/01/33			2,830.00	450.00	3,280.00	
07/01/33	50,000.00	3.550%	2,830.00		52,830.00	56,110.00
01/01/34			1,942.50	450.00	2,392.50	
07/01/34	50,000.00	3.700%	1,942.50		51,942.50	54,335.00
01/01/35			1,017.50	450.00	1,467.50	
07/01/35	55,000.00	3.700%	1,017.50		56,017.50	57,485.00
Totals	<u>2,080,000.00</u>		<u>664,755.94</u>	<u>10,350.00</u>	<u>2,755,105.94</u>	<u>2,755,105.94</u>

# USDA BOND SCHEDULE

2013 Water District Revenue Bond USDA  
Western Pulaski County Water District

Interest Factor	0.03943	Principal	\$1,400,000
		Term	40
Annual Payment	\$55,199	Interest Rate	2.25%

YEAR	PMT. NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
2014	1	\$31,500	\$31,500	\$0	\$1,400,000
2015	2	31,500	31,500	0	1,400,000
2016	3	55,199	31,500	23,699	1,376,301
2017	4	55,199	30,967	24,232	1,352,070
2018	5	55,199	30,422	24,777	1,327,293
2019	6	55,199	29,864	25,334	1,301,958
2020	7	55,199	29,294	25,904	1,276,054
2021	8	55,199	28,711	26,487	1,249,566
2022	9	55,199	28,115	27,083	1,222,483
2023	10	55,199	27,506	27,693	1,194,791
2024	11	55,199	26,883	28,316	1,166,475
2025	12	55,199	26,246	28,953	1,137,522
2026	13	55,199	25,594	29,604	1,107,918
2027	14	55,199	24,928	30,270	1,077,647
2028	15	55,199	24,247	30,951	1,046,696
2029	16	55,199	23,551	31,648	1,015,048
2030	17	55,199	22,839	32,360	982,688
2031	18	55,199	22,110	33,088	949,600
2032	19	55,199	21,366	33,833	915,767
2033	20	55,199	20,605	34,594	881,174
2034	21	55,199	19,826	35,372	845,801
2035	22	55,199	19,031	36,168	809,633
2036	23	55,199	18,217	36,982	772,652
2037	24	55,199	17,385	37,814	734,838
2038	25	55,199	16,534	38,665	696,173
2039	26	55,199	15,664	39,535	656,638
2040	27	55,199	14,774	40,424	616,214
2041	28	55,199	13,865	41,334	574,881
2042	29	55,199	12,935	42,264	532,617
2043	30	55,199	11,984	43,215	489,402
2044	31	55,199	11,012	44,187	445,215
2045	32	55,199	10,017	45,181	400,034
2046	33	55,199	9,001	46,198	353,836
2047	34	55,199	7,961	47,237	306,599
2048	35	55,199	6,898	48,300	258,299
2049	36	55,199	5,812	49,387	208,912
2050	37	55,199	4,701	50,498	158,414
2051	38	55,199	3,564	51,634	106,780
2052	39	55,199	2,403	52,796	53,984
2053	40	55,199	1,215	53,984	0
<b>TOTALS</b>		<b>\$2,160,544.40</b>	<b>\$760,544.40</b>	<b>\$1,400,000.00</b>	

**KENTUCKY INFRASTRUCTURE AUTHORITY**  
**REPAYMENT SCHEDULE**  
**Fund F Loan (2016) F16-003**  
**WESTERN PULASKI COUNTY WATER DISTRICT**

Loan Amount	\$3,304,000
Interest Rate	1.75%
Term	20
Payment	\$98,253.70

Payment Date	Principal Due	Interest Due	Interest Rate	Principal & Interest	Servicing Fee	Total Payment	Principal Balance	R&M Reserve	Total Reserve
06/01/17	\$69,343.70	\$28,910.00	1.75%	\$98,253.70	\$4,130.00	\$102,383.70	\$3,304,000.00	\$8,260.00	\$8,260.00
12/01/17	\$69,950.45	\$28,303.24	1.75%	\$98,253.70	\$4,043.32	\$102,297.02	\$3,164,705.85	\$0.00	\$8,260.00
06/01/18	\$70,562.52	\$27,691.18	1.75%	\$98,253.70	\$3,955.88	\$102,209.58	\$3,094,143.33	\$8,260.00	\$16,520.00
12/01/18	\$71,179.94	\$27,073.75	1.75%	\$98,253.70	\$3,867.68	\$102,121.38	\$3,022,963.39	\$0.00	\$16,520.00
06/01/19	\$71,802.77	\$26,450.93	1.75%	\$98,253.70	\$3,778.70	\$102,032.40	\$2,951,160.62	\$8,260.00	\$24,780.00
12/01/19	\$72,431.04	\$25,822.66	1.75%	\$98,253.70	\$3,688.95	\$101,942.65	\$2,878,729.58	\$0.00	\$24,780.00
06/01/20	\$73,064.81	\$25,188.88	1.75%	\$98,253.70	\$3,598.41	\$101,852.11	\$2,805,664.77	\$8,260.00	\$33,040.00
12/01/20	\$73,704.13	\$24,549.57	1.75%	\$98,253.70	\$3,507.08	\$101,760.78	\$2,731,960.64	\$0.00	\$33,040.00
06/01/21	\$74,349.04	\$23,904.66	1.75%	\$98,253.70	\$3,414.95	\$101,668.65	\$2,657,611.59	\$8,260.00	\$41,300.00
12/01/21	\$74,999.60	\$23,254.10	1.75%	\$98,253.70	\$3,322.01	\$101,575.71	\$2,582,612.00	\$0.00	\$41,300.00
06/01/22	\$75,655.84	\$22,597.85	1.75%	\$98,253.70	\$3,228.26	\$101,481.96	\$2,506,956.16	\$8,260.00	\$49,560.00
12/01/22	\$76,317.83	\$21,935.87	1.75%	\$98,253.70	\$3,133.70	\$101,387.39	\$2,430,638.33	\$0.00	\$49,560.00
06/01/23	\$76,985.61	\$21,268.09	1.75%	\$98,253.70	\$3,038.30	\$101,291.99	\$2,353,652.72	\$8,260.00	\$57,820.00
12/01/23	\$77,659.24	\$20,594.46	1.75%	\$98,253.70	\$2,942.07	\$101,195.76	\$2,275,993.48	\$0.00	\$57,820.00
06/01/24	\$78,338.75	\$19,914.94	1.75%	\$98,253.70	\$2,844.99	\$101,098.69	\$2,197,654.73	\$8,260.00	\$66,080.00
12/01/24	\$79,024.22	\$19,229.48	1.75%	\$98,253.70	\$2,747.07	\$101,000.77	\$2,118,630.51	\$0.00	\$66,080.00
06/01/25	\$79,715.68	\$18,538.02	1.75%	\$98,253.70	\$2,648.29	\$100,901.98	\$2,038,914.83	\$8,260.00	\$74,340.00
12/01/25	\$80,413.19	\$17,840.50	1.75%	\$98,253.70	\$2,548.64	\$100,802.34	\$1,958,501.64	\$0.00	\$74,340.00
06/01/26	\$81,116.81	\$17,136.89	1.75%	\$98,253.70	\$2,448.13	\$100,701.82	\$1,877,384.83	\$8,260.00	\$82,600.00
12/01/26	\$81,826.58	\$16,427.12	1.75%	\$98,253.70	\$2,346.73	\$100,600.43	\$1,795,558.25	\$0.00	\$82,600.00
06/01/27	\$82,542.56	\$15,711.13	1.75%	\$98,253.70	\$2,244.45	\$100,498.14	\$1,713,015.69	\$0.00	\$82,600.00
12/01/27	\$83,264.81	\$14,988.89	1.75%	\$98,253.70	\$2,141.27	\$100,394.97	\$1,629,750.88	\$0.00	\$82,600.00
06/01/28	\$83,993.38	\$14,260.32	1.75%	\$98,253.70	\$2,037.19	\$100,290.89	\$1,545,757.50	\$0.00	\$82,600.00
12/01/28	\$84,728.32	\$13,525.38	1.75%	\$98,253.70	\$1,932.20	\$100,185.89	\$1,461,029.18	\$0.00	\$82,600.00
06/01/29	\$85,469.69	\$12,784.01	1.75%	\$98,253.70	\$1,826.29	\$100,079.98	\$1,375,559.49	\$0.00	\$82,600.00
12/01/29	\$86,217.55	\$12,036.15	1.75%	\$98,253.70	\$1,719.45	\$99,973.15	\$1,289,341.94	\$0.00	\$82,600.00
06/01/30	\$86,971.95	\$11,281.74	1.75%	\$98,253.70	\$1,611.68	\$99,865.37	\$1,202,369.99	\$0.00	\$82,600.00
12/01/30	\$87,732.96	\$10,520.74	1.75%	\$98,253.70	\$1,502.96	\$99,756.66	\$1,114,637.03	\$0.00	\$82,600.00
06/01/31	\$88,500.62	\$9,753.07	1.75%	\$98,253.70	\$1,393.30	\$99,646.99	\$1,026,136.40	\$0.00	\$82,600.00
12/01/31	\$89,275.00	\$8,978.69	1.75%	\$98,253.70	\$1,282.67	\$99,536.37	\$936,861.40	\$0.00	\$82,600.00
06/01/32	\$90,056.16	\$8,197.54	1.75%	\$98,253.70	\$1,171.08	\$99,424.77	\$846,805.24	\$0.00	\$82,600.00
12/01/32	\$90,844.15	\$7,409.55	1.75%	\$98,253.70	\$1,058.51	\$99,312.20	\$755,961.09	\$0.00	\$82,600.00
06/01/33	\$91,639.04	\$6,614.66	1.75%	\$98,253.70	\$944.95	\$99,198.65	\$664,322.05	\$0.00	\$82,600.00
12/01/33	\$92,440.88	\$5,812.82	1.75%	\$98,253.70	\$830.40	\$99,084.10	\$571,881.18	\$0.00	\$82,600.00
06/01/34	\$93,249.74	\$5,003.96	1.75%	\$98,253.70	\$714.85	\$98,968.55	\$478,631.44	\$0.00	\$82,600.00
12/01/34	\$94,065.67	\$4,188.03	1.75%	\$98,253.70	\$598.29	\$98,851.99	\$384,565.77	\$0.00	\$82,600.00
06/01/35	\$94,888.75	\$3,364.95	1.75%	\$98,253.70	\$480.71	\$98,734.40	\$289,677.02	\$0.00	\$82,600.00
12/01/35	\$95,719.02	\$2,534.67	1.75%	\$98,253.70	\$362.10	\$98,615.79	\$193,958.00	\$0.00	\$82,600.00
06/01/36	\$96,556.56	\$1,697.13	1.75%	\$98,253.70	\$242.45	\$98,496.14	\$97,401.43	\$0.00	\$82,600.00
12/01/36	\$97,401.43	\$852.26	1.75%	\$98,253.70	\$121.75	\$98,375.45	\$0.00	\$0.00	\$82,600.00
<b>Totals</b>	<b>\$3,304,000.00</b>	<b>\$626,147.87</b>		<b>\$3,930,147.87</b>	<b>\$89,449.70</b>	<b>\$4,019,597.56</b>		<b>\$82,600.00</b>	

# USDA BOND SCHEDULE

2018 Water District Revenue Bond USDA  
Western Pulaski County Water District

Interest Factor	0.04107	Principal	\$2,225,000
		Term	40
Annual Payment	\$91,625	Interest Rate	2.50%

YEAR	PMT. NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
2018	1	\$55,625	\$55,625	\$0	\$2,225,000
2019	2	55,625	55,625	0	2,225,000
2020	3	91,625	55,625	36,000	2,189,000
2021	4	91,225	54,725	36,500	2,152,500
2022	5	91,313	53,813	37,500	2,115,000
2023	6	91,375	52,875	38,500	2,076,500
2024	7	91,413	51,913	39,500	2,037,000
2025	8	91,425	50,925	40,500	1,996,500
2026	9	91,413	49,913	41,500	1,955,000
2027	10	91,375	48,875	42,500	1,912,500
2028	11	91,313	47,813	43,500	1,869,000
2029	12	91,225	46,725	44,500	1,824,500
2030	13	91,613	45,613	46,000	1,778,500
2031	14	91,463	44,463	47,000	1,731,500
2032	15	91,288	43,288	48,000	1,683,500
2033	16	91,588	42,088	49,500	1,634,000
2034	17	91,350	40,850	50,500	1,583,500
2035	18	91,588	39,588	52,000	1,531,500
2036	19	91,288	38,288	53,000	1,478,500
2037	20	91,463	36,963	54,500	1,424,000
2038	21	91,600	35,600	56,000	1,368,000
2039	22	91,200	34,200	57,000	1,311,000
2040	23	91,275	32,775	58,500	1,252,500
2041	24	91,313	31,313	60,000	1,192,500
2042	25	91,313	29,813	61,500	1,131,000
2043	26	91,275	28,275	63,000	1,068,000
2044	27	91,200	26,700	64,500	1,003,500
2045	28	91,588	25,088	66,500	937,000
2046	29	91,425	23,425	68,000	869,000
2047	30	91,225	21,725	69,500	799,500
2048	31	91,488	19,988	71,500	728,000
2049	32	91,200	18,200	73,000	655,000
2050	33	91,375	16,375	75,000	580,000
2051	34	91,500	14,500	77,000	503,000
2052	35	91,575	12,575	79,000	424,000
2053	36	91,600	10,600	81,000	343,000
2054	37	91,575	8,575	83,000	260,000
2055	38	91,500	6,500	85,000	175,000
2056	39	91,375	4,375	87,000	88,000
2057	40	90,200	2,200	88,000	0
<b>TOTALS</b>		<b>\$3,583,387.50</b>	<b>\$1,358,387.50</b>	<b>\$2,225,000.00</b>	

# USDA BOND SCHEDULE

2022 Water District Revenue Bond USDA  
Western Pulaski County Water District

Interest Factor	0.037821	Principal	\$3,638,000
		Term	40
Annual Payment	\$137,591	Interest Rate	2.00%

YEAR	PMT. NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
2022	1	\$72,760	\$72,760	\$0	\$3,638,000
2023	2	72,760	72,760	0	3,638,000
2024	3	137,591	72,760	26,500	3,611,500
2025	4	137,591	72,230	27,500	3,584,000
2026	5	137,591	71,680	28,500	3,555,500
2027	6	137,591	71,110	30,000	3,525,500
2028	7	137,591	70,510	31,000	3,494,500
2029	8	137,591	69,890	32,000	3,462,500
2030	9	137,591	69,250	33,000	3,429,500
2031	10	137,591	68,590	34,000	3,395,500
2032	11	137,591	67,910	36,000	3,359,500
2033	12	137,591	67,190	37,000	3,322,500
2034	13	137,591	66,450	38,000	3,284,500
2035	14	137,591	65,690	40,000	3,244,500
2036	15	137,591	64,890	41,000	3,203,500
2037	16	137,591	64,070	43,000	3,160,500
2038	17	137,591	63,210	44,000	3,116,500
2039	18	137,591	62,330	46,000	3,070,500
2040	19	137,591	61,410	48,000	3,022,500
2041	20	137,591	60,450	50,000	2,972,500
2042	21	137,591	59,450	51,000	2,921,500
2043	22	137,591	58,430	53,000	2,868,500
2044	23	137,591	57,370	55,000	2,813,500
2045	24	137,591	56,270	57,000	2,756,500
2046	25	137,591	55,130	60,000	2,696,500
2047	26	137,591	53,930	62,000	2,634,500
2048	27	137,591	52,690	64,000	2,570,500
2049	28	137,591	51,410	66,500	2,504,000
2050	29	137,591	50,080	69,000	2,435,000
2051	30	137,591	48,700	71,500	2,363,500
2052	31	137,591	47,270	74,000	2,289,500
2053	32	137,591	45,790	77,000	2,212,500
2054	33	137,591	44,250	80,000	2,132,500
2055	34	137,591	42,650	83,000	2,049,500
2056	35	137,591	40,990	86,000	1,963,500
2057	36	137,591	39,270	89,000	1,874,500
2058	37	137,591	37,490	93,000	1,781,500
2059	38	137,591	35,630	96,000	1,685,500
2060	39	137,591	33,710	100,000	1,585,500
2061	40	137,591	31,710	102,500	1,483,000
<b>TOTALS</b>		<b>\$5,373,986.36</b>	<b>\$2,297,360.00</b>	<b>\$2,155,000.00</b>	

## **APPENDIX B**

Excerpt from the 2019 Financial Audit for the  
Western Pulaski County Water District

**WESTERN PULASKI COUNTY WATER DISTRICT**  
**Statements of Revenues, Expenses, and Changes in Net Position**  
**For the Years Ended December 31, 2019 and 2018**

	<u>2019</u>	<u>2018</u>
<b>Operating revenues:</b>		
Residential water sales	\$ 3,080,651	\$ 2,721,381
Commercial water sales	196,758	162,404
Miscellaneous service revenues	<u>108,031</u>	<u>115,399</u>
Total operating revenues	<u>3,385,440</u>	<u>2,999,184</u>
<b>Operating expenses:</b>		
Water purchases	1,356,514	1,321,510
Utilities	77,642	88,972
Transmission and distribution expense	105,826	44,815
Meter readers	100,445	99,872
Office expense	61,819	66,108
Transportation expenses	26,282	27,675
Insurance	53,890	55,489
Directors' fees	12,000	12,400
Employees' salaries and wages	291,123	344,683
Employees' pensions and benefits	171,204	144,339
Actuarial pension and OPEB expense	74,307	226,436
Payroll taxes	33,423	30,764
Depreciation and amortization	446,529	409,689
PSC tax assessment	5,866	5,843
Professional fees	56,088	68,604
Bad debts	12,631	11,566
Miscellaneous	<u>32,588</u>	<u>36,818</u>
Total operating expenses	<u>2,918,177</u>	<u>2,995,583</u>
Operating income (loss)	<u>467,263</u>	<u>3,601</u>
<b>Non-operating revenue (expenses):</b>		
Rents from water property	15,480	23,470
Interest income	14,528	7,578
Interest expense on long-term debt	<u>(185,202)</u>	<u>(147,434)</u>
Total non-operating revenue (expenses)	<u>(155,194)</u>	<u>(116,386)</u>
Income/(loss) before capital contributions	<u>312,069</u>	<u>(112,785)</u>
<b>Capital contributions</b>		
Grant revenue	109,770	-
Tap fees	<u>114,735</u>	<u>51,923</u>
Total capital contributions	<u>224,505</u>	<u>51,923</u>
Increase (decrease) in net position	536,574	(60,862)
<b>Net position:</b>		
Beginning of year 2018, restated	<u>9,272,616</u>	<u>9,333,478</u>
End of year	<u>\$ 9,809,190</u>	<u>\$ 9,272,616</u>

The accompanying notes are an integral part of the financial statements.

**WESTERN PULASKI COUNTY WATER DISTRICT**  
**Notes to Financial Statements**  
**December 31, 2019 and 2018**

**Note 3 – Long-Term Debt**

Long-term debt consists of the following bonds payable at December 31, 2019 and 2018:

	<u>2019</u>	<u>2018</u>
Series 2002A Water Revenue Bonds issued through Rural Development of the USDA in the amount of \$900,000; due in annual installments on January 1, through 2042; interest rate of 4.5% due semi-annually on January 1 and July 1.	\$ 706,000	\$ 724,000
Series 2002B Water Revenue Bonds issued through Rural Development of the USDA in the amount of \$550,000; due in annual installments on January 1, through 2042; interest rate of 4.5% due semi-annually on January 1 and July 1.	429,000	440,000
Series 2010 Water Revenue Bonds issued through Rural Development of the USDA in the amount of \$911,000; due in annual installments on January 1, through 2049; interest rate of 2.25% due semi-annually on January 1 and July 1.	788,000	805,000
Series 2012E Water Revenue Bonds issued through Kentucky Rural Water Finance Corporation in the amount of \$2,080,000; (to refund Series 2001A and 2001B revenue bonds) due in annual installments on July 1, through 2035; interest rate of 2.2 - 3.7% due semi-annually on January 1 and July 1.	1,305,000	1,430,000
Series 2013 Water Revenue Bonds issued through Rural Development of the USDA in the amount of \$1,400,000; due in annual installments on January 1, through 2053; interest rate of 2.25% due semi-annually on January 1 and July 1.	1,302,000	1,327,500
Series 2018 Water Revenue Bonds issued through Rural Development of the USDA in the amount of \$2,225,000; due in annual installments on January 1, through 2057; interest rate of 2.50% due semi-annually on January 1 and July 1.	<u>2,225,000</u>	<u>-</u>
Total Bonds Payable:	<u>\$ 6,755,000</u>	<u>\$ 4,726,500</u>

Long-term debt consists of the following notes not yet finalized at December 31, 2019 and 2018:

	<u>2019</u>	<u>2018</u>
KIA F16-003 Loan issued through Kentucky Infrastructure Authority of the Federally Assisted Drinking Water Revolving Loan Fund for Water System Improvements project not to exceed \$3,304,000; interest of 1.75% due monthly succeeding date of initial draw of funds. A loan servicing fee of .25% of the annual outstanding balance shall be payable as part of each interest payment. Principal payments due June 1 and December 1 upon final draw of loan funds.	\$ 1,042,673	\$ 1,042,673
Interim financing through Citizens National Bank not to exceed \$2,500,000 interest rate of 4% due monthly immediately succeeding date of initial draw of funds. A certificate of deposit at Citizens National Bank in the amount of \$1,000,000 is held as collateral, as well as all furniture, fixtures and equipment of the District.	<u>-</u>	<u>754,056</u>
Total Notes Payable:	<u>\$ 1,042,673</u>	<u>\$ 1,796,729</u>



**WESTERN PULASKI COUNTY WATER DISTRICT**  
**Notes to Financial Statements**  
**December 31, 2019 and 2018**

**Note 3 – Long-Term Debt, Concluded**

Principal and interest maturities of long-term debt are as follows:

	Principal	Interest	Total
2020	\$ 238,500	\$ 189,403	\$ 427,903
2021	247,000	187,559	434,559
2022	255,000	179,884	434,884
2023	259,000	171,934	430,934
2024	266,500	163,886	430,386
2025-2029	988,000	710,894	1,698,894
2030-2034	1,020,500	561,772	1,582,272
2035-2039	960,500	398,322	1,358,822
2040-2044	895,500	251,075	1,146,575
2045-2049	760,500	151,060	911,560
2050-2054	604,000	67,228	671,228
2055-2057	260,000	9,826	269,826
	<u>\$ 6,755,000</u>	<u>\$ 3,042,843</u>	<u>\$ 9,797,843</u>

Long-term debt activity for the years ended December 31, 2019 and 2018 was as follows:

Debt	Balance January 1, 2019	Additions	Debt Payments and Reductions	Balance December 31, 2019	Amount Due within One Year
RD 2002A	\$ 724,000	\$ -	\$ (18,000)	\$ 706,000	\$ (18,000)
RD 2002B	440,000	-	(11,000)	429,000	(11,000)
RD 2010	805,000	-	(17,000)	788,000	(17,500)
KRWFC 2012E	1,430,000	-	(125,000)	1,305,000	(130,000)
RD 2013	1,327,500	-	(25,500)	1,302,000	(26,000)
KIA F16-003	1,042,673	-	-	1,042,673	-
RD 2019	-	2,225,000	-	2,225,000	(36,000)
CNB Interim Financing	754,056	1,341,475	(2,095,531)	-	-
	<u>\$ 6,523,229</u>	<u>\$ 3,566,475</u>	<u>\$ (2,292,031)</u>	<u>\$ 7,797,673</u>	<u>\$ (238,500)</u>

Debt	Balance January 1, 2018	Additions	Debt Payments and Reductions	Balance December 31, 2018	Amount Due within One Year
RD 2002A	\$ 740,000	\$ -	\$ (16,000)	\$ 724,000	\$ (18,000)
RD 2002B	450,000	-	(10,000)	440,000	(11,000)
RD 2010	821,500	-	(16,500)	805,000	(17,000)
KRWFC 2012E	1,555,000	-	(125,000)	1,430,000	(125,000)
RD 2013	1,352,500	-	(25,000)	1,327,500	(25,500)
KIA F16-003	705,998	336,675	-	1,042,673	-
CNB Interim Financing	-	754,056	-	754,056	-
	<u>\$ 5,624,998</u>	<u>\$ 1,090,731</u>	<u>\$ (192,500)</u>	<u>\$ 6,523,229</u>	<u>\$ (196,500)</u>

**Arbitrage**

The Tax Reform Act of 1986 instituted certain arbitrage restrictions with respect to the issuance of tax-exempt bonds after August 31, 1986. Arbitrage regulations deal with the investment of all tax-exempt bond proceeds at an interest yield greater than the interest yield paid to bondholders. Generally, all interest paid to bondholders can be retroactively rendered taxable if applicable rebates are not reported and paid to the Internal Revenue Service (IRS) at least every five years. The District performed calculations of excess investment earnings on various bonds and at December 31, 2019 and does not expect to incur a liability.

## **APPENDIX C**

Replacement Reserves

### Replacement Reserves - Short Lived Assets

Type of Reserve	User Description	Replacement Cost	Reserve on Hand	Annual Reserve
1-5 Years	Computers and Office Equipment	\$35,000	\$5,000	\$6,000
1-5 Years				0
1-5 Years				0
Subtotal 1-5 Years				<b>\$6,000</b>
5-10 Years	Service Pickup Truck	\$50,000	\$5,000	\$4,500
5-10 Years	Backhoe	90,000	5,000	8,500
5-10 Years	Miscellaneous Equipment	20,000	5,000	1,500
Subtotal 5-10 Years				<b>\$14,500</b>
10-15 Years	Storage Tank Maintenance	\$130,000	\$5,000	\$8,333
10-15 Years	Pump Station Maintenance	25,000	5,100	1,327
10-15 Years				0
Subtotal 10-15 Years				<b>\$9,660</b>
Replacement Reserves - Short Lived Assets				<b>\$30,160</b>