SUMMARY ADDENDUM TO THE PRELIMINARY ENGINEERING REPORT FOR THE LAUREL COUNTY WATER DISTRICT NO. 2 LAUREL COUNTY, KENTUCKY

SOUTH LAUREL WATER SYSTEM IMPROVEMENTS

REVISED FEBRUARY 2020

narch Engineering, Inc.

SUMMARY ADDENDUM

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PRELIMINARY ENGINEERING REPORT

DATED **REVISED FEBRUARY 2020**

FOR

LAUREL COUNTY WATER DISTRICT NO. 2 SOUTH LAUREL WATER SYSTEM IMPROVEMENTS

APPLICANT CONTACT PERSON	Wayne Jenkins, Chairman
APPLICANT PHONE NUMBER	(606) 878-2494
APPLICANT TAX IDENTIFICATION NUMBE	R61-0651148

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 <u>both</u> be taken as security for the loan, all user information and characteristics of <u>both</u> utility systems will be needed even though the project will benefit only <u>one</u> utility.*

Feasibility reviews and <u>grant determinations</u> 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. <u>GENERAL</u>

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 project proposes the installation of approximately 5,300 of 12-inch water line, 1,400 LF of 8-inch water line, 3,000 LF of 6-inch water line, 2,700 LF of new 4-inch water line, 1,700 LF of new 3-inch water line, and 800 LF of new 2-inch water line to interconnect the water system from the Dorthae community to just south of the Cumberland Gap Parkway. The improvements will allow the District to eliminate an existing 14-inch cast iron water line that lies directly adjacent to the CSX railroad. In addition, a new 500,000-gallon elevated water storage tank will be constructed in Hopewell community. The new tank will be built on an existing site owned by the District where a storage tank formerly stood. The existing tank was demolished several years ago due to its poor condition and inadequate overflow elevation.

The total as-bid construction cost is \$2,171,471 with a corresponding total project cost of \$2,700,000 which exceeds the originally estimated project cost of \$2,350,000. Additional project financing is therefore being requested through the U.S.D.A. Rural Development program. The District has been approved for loan funds of \$1,850,000 and matching grant funds of \$500,000 to complete this important project. Additional loan funds in the amount of \$275,000 and grant funds of \$75,000 are being requested to cover the budget shortfall.

II. <u>FACILITY CHARACTERISTICS OF THE EXISTING SEWER SYSTEM</u> : 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 District's water treatment plant is located in the approximate center of the distribution system, near the community of Hopewell. The facility has a rated treatment capacity of 2.88 MGD and is currently operating at approximately 50% of that capacity producing 1.46 MGD on average. The treatment plant is a conventional surface water filtration facility, consisting of a raw water intake & pumping structure, flash mix, settling basins, multi-media filters, chemical disinfection, clearwell storage, and finished water pumping facilities. The primary water source is the Laurel River Lake, which generally yields high quality raw water and is of abundant capacity.

If the applicant purchases water:

Seller:

B.

Seller.
1. City of London (Backup/Emergency Only)
2
Price/1,000 gallons:
1\$1.35
2
Present Estimated Market Value of Existing System \$ 14,000,000
Water Storage:
Type: Ground Storage Tank <u>1</u> Elevated Tank <u>1</u> Standpipe <u>1</u>
Number of Storage Structures 3
Total Storage Volume Capacity 1,700,000
Date Storage Tanks Constructed 1970's - Present

C. Water Distribution System:

		, and Theestes et			
Lineal Feet of Pipe:	2"	46,570	3"	58,240	
	4"	337,340	6"	239,770	
	8"	35,170	10"	16,210	
	12"	23,760	14"	18,480	
	16"	58,720			
Dates Water Lines Constructed 1960's - present					
Number and Capacity of Pump	o Statio	ons <u>3@</u> <	<50 gpm, 1@2	2000 gpm,	

Pipe Material PVC, Ductile Iron, and Asbestos Cement (AC)

D. Condition of Existing Water System:

Briefly describe the condition and suitability for continued use of facility now owned by the applicant. Include any major renovation that will be needed within five to ten years.

The majority of the existing water system is in good condition and is not subject to excess loss. However, there are portions of the system, where lines are of substandard construction and are subject to frequent breaks and leaks. These areas contribute greatly to the systems water loss and need to be replaced as soon as possible. One of these areas (L&N Railroad Line) is to be eliminated as part of this project. Other older sections of the distribution system will need to be replaced in the near future.

E. Percentage of Water Loss Existing System 13.24%

IV. EXISTING LONG-TERM INDEBTEDNESS

Da	ate of I	ssue	Bond/Note Holder	<u> </u>	Principal Balance	Payment Date	Bond Type Water/Sewer*	Amount on Deposit in Reserve Account
19	80	Issue	GMAC	\$	0		100%	
19	96	Issue	KIA	\$	150,008		100%	
19	98	Issue	KIA	\$	0		100%	
19	98	Issue	RD	\$	381,000		100%	
20	12	Issue	RD SERIES A	\$	5,719,500		100%	
20	12	Issue	RD SERIES B	\$	2,150,000		100%	
20	18	Issue	RD	\$	1,365,000		100%	
20	19	Issue	KIA	\$	445,000		100%	
20	20	Issue	RD SERIES A	\$	1,850,000		100%	
20	20	Issue	RD SERIES B	\$	275,000		100%	
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A. *List of Bonds and Notes: as of January 2020

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

B. Principal and Interest Payments: (Begin with Next Fiscal Year Payment)

			Payment Year 2020		Paymen 202		Paymen 202	
Date Issu		Bond/Note Holder	Principal Payment	Interest Payment	Principal Payment	Interest Payment	Principal Payment	Interest Payment
19 19 20 20 20 20 20 20 20	96 98 12 12 18 19 20 20	KIA RD RD SERIES A RD SERIES B RD KIA RD SERIES A RD SERIES B	$ \begin{array}{r} 17,150 \\ \hline 14,000 \\ 86,000 \\ \hline 40,000 \\ \hline 24,000 \\ \hline 21,316 \\ \hline 24,000 \\ \hline 4,000 \\ \hline \end{array} $	$\begin{array}{r} 2,020\\ \hline 15,953\\ 229,309\\ \hline 62,250\\ 26,380\\ \hline 2,929\\ \hline 57,813\\ \hline 6,188\\ \end{array}$	$ \begin{array}{r} 17,425 \\ \hline 15,000 \\ 90,500 \\ \hline 41,000 \\ 24,000 \\ 21,423 \\ 25,000 \\ \hline 4,000 \\ \end{array} $	$ \begin{array}{r} 1,711\\ 15,323\\ 225,761\\ 61,050\\ 25,900\\ 2,780\\ 57,063\\ 6,098\\ \end{array} $	$ \begin{array}{r} 17,705 \\ \hline 16,000 \\ 94,000 \\ \hline 42,000 \\ 24,000 \\ 21,530 \\ \hline 25,000 \\ 4,000 \\ \end{array} $	$ \begin{array}{r} 1,396 \\ \hline 14,648 \\ 222,028 \\ \hline 59,820 \\ 25,420 \\ 2,630 \\ \hline 56,281 \\ \hline 6,008 \\ \end{array} $

V. EXISTING SHORT TERM INDEBTEDNESS

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

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

VI. LAND AND RIGHT-EXISTING SYSTEM

Number of Treatment Plant Sites	Water 1	Sewer	N/A
Number of Storage Tank Sites	Water 3	Sewer	N/A
Number of Pump Stations	Water 4	Sewer	N/A
Total Acreage	Water 5	Ac. Sewer	Ac.
Purchase Price	Water Unkn	own Sewer	N/A

VII. <u>NUMBER OF EXISTING USERS</u>

	Water	Sewer
Residential (In Town) *		N/A
Residential (Out of Town) *	5,635	N/A
Non-Residential (In Town)		N/A
Non-Residential (Out of Town)	362	N/A
Total	5,997	N/A
Number of Total Potential Users Living in the Service Area	6,000	N/A

* 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. <u>CURRENT WATER AND SEWER CONNECTION FEES FOR EACH SIZE WATER</u> <u>METER CONNECTION</u>

Meter Size	Water Connection Fee	Sewer Connection Fee
3/4"	\$525.00	N/A
1-Inch	ACTUAL	N/A
1-1/2-Inch	ACTUAL	N/A
2-Inch	ACTUAL	N/A
3-Inch	ACTUAL	N/A
4-Inch	ACTUAL	N/A
Date this rate went into effect	August	2009

IX. <u>SEWER RATES-EXISTING SYSTEM</u>: N/A

Existing Rate Schedule: RESIDENTIAL & NON-RESIDENTIAL

First	Gallons @ \$	Minimum
All Over	Gallons @ \$	Per 1,000 Gallons
Date This Rate Went Into Effect		

(7)

X. WATER RATES-EXISTING SYSTEM

Existing Rate Schedule: 5/8 x 3/4-Inch (Residential and Non-Residential)							
First	1,000	Gallons @ \$	\$11.10	Minimum			
Next	99,000	_ Gallons @ \$	4.66	Per 1,000 Gallons			
All Over	100,000	Gallons @ \$	4.03	Per 1,000 Gallons			
Existing Rate Se	Existing Rate Schedule: 1-Inch (Residential and Non-Residential)						
First	5,000	Gallons @ \$	\$29.72	Minimum			
Next	95,000	Gallons @ \$	4.66	Per 1,000 Gallons			
All Over	100,000	Gallons @ \$	4.03	Per 1,000 Gallons			
Existing Rate Schedule: 1-1/2-Inch (Non-Residential)							
First	10,000	_ Gallons @ \$	\$53.02	Minimum			
Next	90,000	Gallons @ \$	4.66	Per 1,000 Gallons			
All Over	100,000	Gallons @ \$	4.03	Per 1,000 Gallons			
Existing Rate So	chedule: 2-Inch	(Non-Residential)					
First	20,000	Gallons @ \$	\$99.60	Minimum			
Next	80,000	Gallons @ \$	4.66	Per 1,000 Gallons			
All Over	100,000	Gallons @ \$	4.03	Per 1,000 Gallons			
Existing Rate So	chedule: 3-Inch	(Non-Residential)					
First	30,000	_ Gallons @ \$	\$146.19	Minimum			
Next	70,000	Gallons @ \$	4.66	Per 1,000 Gallons			
All Over	100,000	Gallons @ \$	4.03	Per 1,000 Gallons			
Existing Rate So	Existing Rate Schedule: 4-Inch (Non-Residential)						
First	50,000	Gallons @ \$	\$239.36	Minimum			
Next	50,000	Gallons @ \$	4.66	Per 1,000 Gallons			
All Over	100,000	Gallons @ \$	4.03	Per 1,000 Gallons			
Date These Rate	Date These Rates Went Into Effect March 2016						

EXISTING RATE STRUCTURE					
FIRST	1,000 Gallons	\$11.10	Minimum Payment		
NEXT	99,000 Gallons	\$4.66	Per 1000 Gallons		
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons		

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME							
				Average	Number of	Total	Projected	
Monthl	y Wate	r Usage	Units	Usage	Users	Usage	Income	
0	to	0	Gallons	0	167	0	1,853.70	
0	to	1,000	Gallons	500	489	244,500	5,427.90	
1,000	to	2,000	Gallons	1,500	786	1,179,000	10,555.98	
2,000	to	3,000	Gallons	2,500	862	2,155,000	15,593.58	
3,000	to	4,000	Gallons	3,500	1178	4,123,000	26,799.50	
4,000	to	5,000	Gallons	4,500	762	3,429,000	20,886.42	
5,000	to	6,000	Gallons	5,500	490	2,695,000	15,714.30	
6,000	to	7,000	Gallons	6,500	285	1,852,500	10,468.05	
7,000	to	8,000	Gallons	7,500	195	1,462,500	8,071.05	
8,000	to	9,000	Gallons	8,500	117	994,500	5,387.85	
9,000	to	10,000	Gallons	9,500	79	750,500	4,006.09	
10,000	to	11,000	Gallons	10,500	52	546,000	2,879.24	
11,000	to	12,000	Gallons	11,500	38	437,000	2,281.14	
12,000	to	13,000	Gallons	12,500	27	337,500	1,746.63	
13,000	to	14,000	Gallons	13,500	22	297,000	1,525.70	
14,000	to	15,000	Gallons	14,500	23	333,500	1,702.23	
15,000	to	20,000	Gallons	17,500	14	245,000	1,231.86	
20,000	to	25,000	Gallons	22,500	22	495,000	2,448.38	
25,000	to	30,000	Gallons	27,500	15	412,500	2,018.85	
30,000	to	35,000	Gallons	32,500	4	130,000	631.56	
35,000	to	40,000	Gallons	37,500	4	150,000	724.76	
40,000	to	45,000	Gallons	42,500	2	85,000	408.98	
45,000	to	50,000	Gallons	47,500	1	47,500	227.79	
50,000	to	60,000	Gallons	55,000	1	55,000	262.74	
60,000	to	70,000	Gallons	65,000	0	0	0.00	
70,000	to	80,000	Gallons	75,000	0	0	0.00	
80,000	to	90,000	Gallons	85,000	0	0	0.00	
90,000	to	100,000		95,000	0	0	0.00	
			Monthly Tot	als	5,635	22,456,500	\$142,854.28	
			Annual Tota	lls	67,620	269,478,000	\$1,714,251.36	
			Monthly Ave	/Customer		3,985	\$23.13	

EXISTING RATE STRUCTURE									
FIRST	1,000 Gallons	\$11.10	Minimum Payment						
NEXT	99,000 Gallons	\$4.66	Per 1000 Gallons						
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons						

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME							
				Average	Number of	Total	Projected	
Monthly	/ Water	Usage	Units	Usage	Users	Usage	Income	
0	to	0	Gallons	0	10	0	111.00	
0	to	1,000	Gallons	500	70	35,000	777.00	
1,000	to	2,000	Gallons	1,500	42	63,000	564.06	
2,000	to	3,000	Gallons	2,500	26	65,000	470.34	
3,000	to	4,000	Gallons	3,500	24	84,000	546.00	
4,000	to	5,000	Gallons	4,500	17	76,500	465.97	
5,000	to	6,000	Gallons	5,500	13	71,500	416.91	
6,000	to	7,000	Gallons	6,500	8	52,000	293.84	
7,000	to	8,000	Gallons	7,500	7	52,500	289.73	
8,000	to	9,000	Gallons	8,500	8	68,000	368.40	
9,000	to	10,000	Gallons	9,500	12	114,000	608.52	
10,000	to	11,000	Gallons	10,500	10	105,000	553.70	
11,000	to	12,000	Gallons	11,500	3	34,500	180.09	
12,000	to	13,000	Gallons	12,500	2	25,000	129.38	
13,000	to	14,000	Gallons	13,500	2	27,000	138.70	
14,000	to	15,000	Gallons	14,500	2	29,000	148.02	
15,000	to	20,000	Gallons	17,500	7	122,500	615.93	
20,000	to	25,000	Gallons	22,500	3	67,500	333.87	
25,000	to	30,000	Gallons	27,500	1	27,500	134.59	
30,000	to		Gallons	32,500	1	32,500	157.89	
35,000	to	40,000	Gallons	37,500	1	37,500	181.19	
40,000	to	,	Gallons	42,500	3	127,500	613.47	
45,000	to		Gallons	47,500	2	95,000	455.58	
50,000	to	60,000	Gallons	55,000	1	55,000	262.74	
60,000	to	70,000	Gallons	65,000	1	65,000	309.34	
70,000	to	80,000	Gallons	75,000	1	75,000	355.94	
80,000	to	90,000	Gallons	85,000	1	85,000	402.54	
90,000	to	100,000		95,000	0	0	0.00	
			Monthly Tot	als	278	1,692,000	\$9,884.74	
			Annual Tota		3,336	20,304,000	\$118,616.88	
			Monthly Ave	g/Customer		6,086	\$31.60	

EXISTING RATE STRUCTURE									
FIRST	5,000 Gallons	\$29.72	Minimum Payment						
NEXT	95,000 Gallons	\$4.66	Per 1000 Gallons						
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons						

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME								
				Average	Number of	Total	Projected		
Monthl	y Wate	r Usage	Units	Usage	Users	Usage	Income		
0	to	0	Gallons	0	2	0	59.44		
0	to	1,000	Gallons	500	2	1,000	59.44		
1,000	to	2,000	Gallons	1,500	3	4,500	89.16		
2,000	to	3,000	Gallons	2,500	4	10,000	118.88		
3,000	to	4,000	Gallons	3,500	4	14,000	118.88		
4,000	to	5,000	Gallons	4,500	3	13,500	89.16		
5,000	to	6,000	Gallons	5,500	1	5,500	32.05		
6,000	to	7,000	Gallons	6,500	1	6,500	36.71		
7,000	to	8,000	Gallons	7,500	1	7,500	41.37		
8,000	to	9,000	Gallons	8,500	1	8,500	46.03		
9,000	to	10,000	Gallons	9,500	1	9,500	50.69		
10,000	to	11,000	Gallons	10,500	1	10,500	55.35		
11,000	to	12,000	Gallons	11,500	1	11,500	60.01		
12,000	to	13,000	Gallons	12,500	0	0	0.00		
13,000	to	,	Gallons	13,500	1	13,500	69.33		
14,000	to		Gallons	14,500	0	0	0.00		
15,000	to	20,000	Gallons	17,500	2	35,000	175.94		
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	1	32,500	157.87		
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	60,000	Gallons	55,000	0	0	0.00		
60,000	to	70,000	Gallons	65,000	1	65,000	309.32		
70,000	to	,	Gallons	75,000	1	75,000	355.92		
80,000	to	90,000	Gallons	85,000	1	85,000	402.52		
90,000	to	100,000	Gallons	95,000	0	0	0.00		
100,000	to	170,000	Gallons	135,000	3	405,000	1,840.41		
			Monthly To	tals	35	813,500	\$4,168.48		
			Annual Tota		420	9,762,000	\$50,021.76		
			Monthly Av	g/Customer		23,243	\$103.24		

EXISTING RATE STRUCTURE									
FIRST	10,000 Gallons	\$53.02	Minimum Payment						
NEXT	90,000 Gallons	\$4.66	Per 1000 Gallons						
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons						

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME								
				Average	Number of	Total	Projected		
Monthly	y Wate	er Usage	Units	Usage	Users	Usage	Income		
0	to	0	Gallons	0	0	0	0.00		
0	to	1,000	Gallons	500	1	500	53.02		
1,000	to	2,000	Gallons	1,500	0	0	0.00		
2,000	to	3,000	Gallons	2,500	1	2,500	53.02		
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	1	6,500	53.02		
7,000	to	8,000	Gallons	7,500	1	7,500	53.02		
8,000	to	9,000	Gallons	8,500	0	0	0.00		
9,000	to	10,000	Gallons	9,500	1	9,500	53.02		
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	,	Gallons	13,500	0	0	0.00		
14,000	to		Gallons	14,500	0	0	0.00		
15,000	to	20,000	Gallons	17,500	1	17,500	87.97		
20,000	to		Gallons	22,500	1	22,500	111.27		
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	60,000	Gallons	55,000	0	0	0.00		
60,000	to	70,000	Gallons	63,575	1	63,575	302.68		
70,000	to	,	Gallons	75,000	1	75,000	355.92		
80,000	to		Gallons	85,000	0	0	0.00		
90,000	to	100,000		95,000	0	0	0.00		
100,000	to	200,000	Gallons	150,000	0	0	0.00		
			Monthly To	tals	9	205,075	\$1,122.94		
			Annual Tota		108	2,460,900	\$13,475.27		
			Monthly Av	g/Customer		22,786	\$104.55		

EXISTING RATE STRUCTURE									
FIRST	20,000 Gallons	\$99.60	Minimum Payment						
NEXT	80,000 Gallons	\$4.66	Per 1000 Gallons						
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons						

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME							
				Average	Number of	Total	Projected	
Monthly	v Water	Usage	Units	Usage	Users	Usage	Income	
0	to	0	Gallons	0	0	0	0.00	
0	to	1,000	Gallons	500	0	0	0.00	
1,000	to	2,000	Gallons	1,500	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	1	4,500	99.60	
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	1	7,500	99.60	
8,000	to	9,000	Gallons	8,500	0	0	0.00	
9,000	to	10,000	Gallons	9,500	1	9,500	99.60	
10,000	to	11,000	Gallons	10,500	1	10,500	99.60	
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	20,000	Gallons	17,500	0	0	0.00	
20,000	to	25,000	Gallons	22,500	2	45,000	222.50	
25,000	to	30,000	Gallons	27,500	1	27,500	134.55	
30,000	to	35,000	Gallons	32,500	1	32,500	157.85	
35,000	to	40,000	Gallons	37,500	0	0	0.00	
40,000	to	45,000	Gallons	42,500	1	42,500	204.45	
45,000	to	50,000	Gallons	47,500	0	0	0.00	
50,000	to	60,000	Gallons	55,000	3	165,000	788.10	
60,000	to	70,000	Gallons	65,000	1	65,000	309.30	
70,000	to	80,000	Gallons	75,000	2	150,000	711.80	
80,000	to	90,000	Gallons	85,000	0	0	0.00	
90,000	to	100,000	Gallons	95,000	1	95,000	449.10	
100,000	to	200,000	Gallons	150,000	4	600,000	2,695.60	
200,000	to	400,000	Gallons	300,000	2	600,000	2,556.80	
			Monthly To	tals	22	1,854,500	\$8,628.45	
			Annual Tota		264	22,254,000	\$103,541.40	
			Monthly Av	g/Customer		84,295	\$358.71	

EXISTING RATE STRUCTURE								
FIRST	30,000 Gallons	\$146.19	Minimum Payment					
NEXT	70,000 Gallons	\$4.66	Per 1000 Gallons					
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME							
				Average	Number of	Total	Projected	
Monthl	y Wate	er Usage	Units	Usage	Users	Usage	Income	
0	to	0	Gallons	0	0	0	0.00	
0	to	1,000	Gallons	500	0	0	0.00	
1,000	to	2,000	Gallons	1,500	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	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00	
60,000	to	70,000	Gallons	65,000	1	65,000	309.29	
70,000	to		Gallons	75,000	0	0	0.00	
80,000	to	90,000	Gallons	85,000	0	0	0.00	
90,000	to	100,000	Gallons	95,000	0	0	0.00	
100,000	to	140,000		120,000	1	120,000	552.99	
			Monthly Tot	als	2	185,000	\$862.28	
			Annual Tota	als	24	2,220,000	\$10,347.36	
			Monthly Ave	g/Customer		92,500	\$398.07	

EXISTING RATE STRUCTURE									
FIRST	50,000 Gallons	\$239.36	Minimum Payment						
NEXT	50,000 Gallons	\$4.66	Per 1000 Gallons						
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons						

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME							
				Average	Number of	Total	Projected	
Monthly	/Water	Usage	Units	Usage	Users	Usage	Income	
0	to	0	Gallons	0	0	0	0.00	
0	to	1,000	Gallons	500	0	0	0.00	
1,000	to	2,000	Gallons	1,500	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	20,000	Gallons	17,500	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	2	85,000	478.72	
45,000	to	50,000	Gallons	47,500	0	0	0.00	
50,000	to	60,000	Gallons	55,000	0	0	0.00	
60,000	to	70,000	Gallons	65,000	0	0	0.00	
70,000	to	80,000	Gallons	75,000	0	0	0.00	
80,000	to	90,000	Gallons	85,000	0	0	0.00	
90,000	to	100,000	Gallons	95,000	0	0	0.00	
100,000	to	200,000	Gallons	150,000	0	0	0.00	
5,000,000	to	5,200,000	Gallons	5,100,000	1	5,100,000	20,622.36	
			Monthly Tot		3	5,185,000	\$21,101.08	
			Annual Tota		36	62,220,000	\$253,212.96	
			Monthly Ave	g/Customer		1,728,333	\$7,003.04	

CAMPGROUND HIEGHTS (BUILDINGS 1-8) JANUARY 2018 - DECEMBER 2018

EXISTING RATE STRUCTURE								
FIRST	4,000 Gallons	\$44.36	Minimum Payment					
NEXT	96,000 Gallons	\$4.66	Per 1000 Gallons					
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME							
				Average	Number of	Total	Projected	
Monthl	y Wate	er Usage	Units	Usage	Users	Usage	Income	
0	to	0	Gallons	0	0	0	0.00	
0	to	1,000	Gallons	500	0	0	0.00	
1,000	to	2,000	Gallons	1,500	0	0	0.00	
2,000	to	3,000	Gallons	2,500	0	0	0.00	
3,000	to	4,000	Gallons	3,500	1	3,500	44.36	
4,000	to	5,000	Gallons	4,500	2	9,000	93.38	
5,000	to	6,000	Gallons	5,500	1	5,500	51.35	
6,000	to	7,000	Gallons	6,500	1	6,500	56.01	
7,000	to	8,000	Gallons	7,500	1	7,500	60.67	
8,000	to	9,000	Gallons	8,500	1	8,500	65.33	
9,000	to	10,000	Gallons	9,500	1	9,500	69.99	
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	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00	
60,000	to	70,000	Gallons	65,000	0	0	0.00	
70,000	to	80,000	Gallons	75,000	0	0	0.00	
80,000	to	90,000	Gallons	85,000	0	0	0.00	
90,000	to	100,000		95,000	0	0	0.00	
100,000	to	170,000		135,000	0	0	0.00	
			Monthly Tot	als	8	50,000	\$441.09	
			Annual Tota	als	96	600,000	\$5,293.08	
			Monthly Ave	g/Customer		6,250	\$53.43	

CAMPGROUND HIEGHTS (BUILDING 9) JANUARY 2018 - DECEMBER 2018

EXISTING RATE STRUCTURE								
FIRST	5,000 Gallons	\$29.72	Minimum Payment					
NEXT	95,000 Gallons	\$4.66	Per 1000 Gallons					
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME							
				Average	Number of	Total	Projected	
Monthl	y Wate	r Usage	Units	Usage	Users	Usage	Income	
0	to	0	Gallons	0	0	0	0.00	
0	to		Gallons	500	0	0	0.00	
1,000	to	2,000	Gallons	1,500	0	0	0.00	
2,000	to	3,000	Gallons	2,500	0	0	0.00	
3,000	to	4,000	Gallons	3,500	1	3,500	29.72	
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	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00	
60,000	to	70,000	Gallons	65,000	0	0	0.00	
70,000	to	80,000	Gallons	75,000	0	0	0.00	
80,000	to	90,000	Gallons	85,000	0	0	0.00	
90,000	to	100,000		95,000	0	0	0.00	
100,000	to	150,000	Gallons	125,000	0	0	0.00	
			Monthly Tot	als	1	3,500	\$29.72	
			Annual Tota	als	12	42,000	\$356.64	
			Monthly Ave	g/Customer		3,500	\$23.68	

BENELLY INVESTMENTS, LLC (MT. HILL APARTMENTS) JANUARY 2018 - DECEMBER 2018

EXISTING RATE STRUCTURE								
FIRST	22,000 Gallons	\$243.97	Minimum Payment					
NEXT	78,000 Gallons	\$4.66	Per 1000 Gallons					
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME								
				Average	Number of	Total	Projected		
Monthl	y Wate	r Usage	Units	Usage	Users	Usage	Income		
0	to	0	Gallons	0	0	0	0.00		
0	to	1,000	Gallons	500	0	0	0.00		
1,000	to	2,000	Gallons	1,500	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	20,000	Gallons	17,500	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	,	Gallons	47,500	0	0	0.00		
50,000	to	,	Gallons	55,000	0	0	0.00		
60,000	to	,	Gallons	65,000	1	65,000	444.35		
70,000	to		Gallons	75,000	0	0	0.00		
80,000	to		Gallons	85,000	0	0	0.00		
90,000	to	100,000		95,000	0	0	0.00		
100,000	to	200,000		150,000	0	0	0.00		
			Monthly Tot		1	65,000	\$444.35		
			Annual Tota		12	780,000	\$5,332.20		
			Monthly Ave	g/Customer		65,000	\$417.26		

EMMA'S PLACE APARTMENTS JANUARY 2018 - DECEMBER 2018

EXISTING RATE STRUCTURE								
FIRST	49,000 Gallons	\$543.38	Minimum Payment					
NEXT	51,000 Gallons	\$4.66	Per 1000 Gallons					
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME							
				Average	Number of	Total	Projected	
Monthl	y Wate	er Usage	Units	Usage	Users	Usage	Income	
0	to	0	Gallons	0	0	0	0.00	
0	to	1,000	Gallons	500	0	0	0.00	
1,000	to	2,000	Gallons	1,500	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	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00	
60,000	to	70,000	Gallons	65,000	0	0	0.00	
70,000	to	,	Gallons	75,000	0	0	0.00	
80,000	to	90,000	Gallons	85,000	0	0	0.00	
90,000	to	100,000	Gallons	95,000	0	0	0.00	
100,000	to	250,000	Gallons	175,000	1	175,000	1,083.29	
			Monthly Tot	als	1	175,000	\$1,083.29	
			Annual Tota	als	12	2,100,000	\$12,999.48	
			Monthly Ave	g/Customer		175,000	\$1,051.16	

CHESTNUT GREENE LIMITED PARTNERSHIP (PINE GROVE #2 APARTMENTS) JANUARY 2018 - DECEMBER 2018

EXISTING RATE STRUCTURE									
FIRST	26,000 Gallons	\$288.33	Minimum Payment						
NEXT	74,000 Gallons	\$4.66	Per 1000 Gallons						
OVER	100,000 Gallons	\$4.03	Per 1000 Gallons						

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME							
				Average	Number of	Total	Projected	
Monthl	y Wate	r Usage	Units	Usage	Users	Usage	Income	
0	to	0	Gallons	0	0	0	0.00	
0	to	1,000	Gallons	500	0	0	0.00	
1,000	to	2,000	Gallons	1,500	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	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00	
60,000	to	70,000	Gallons	65,000	0	0	0.00	
70,000	to	80,000	Gallons	75,000	0	0	0.00	
80,000	to	90,000	Gallons	85,000	0	0	0.00	
90,000	to	100,000	Gallons	95,000	0	0	0.00	
100,000	to	480,000	Gallons	290,000	1	290,000	1,398.87	
			Monthly To	tals	1	290,000	\$1,398.87	
			Annual Tota	als	12	3,480,000	\$16,786.44	
			Monthly Av	g/Customer		290,000	\$1,352.25	

CORBIN MANOR APARTMENTS JANUARY 2018 - DECEMBER 2018

EXISTING RATE STRUCTURE								
FIRST	FIRST 200,000 Gallons \$875.74 Minimum Payment							
OVER	200,000 Gallons	\$4.03	Per 1000 Gallons					

ANALYSIS OF MONTHLY WATER USAGE AND INCOME							
Average Number of Total Projected							
Monthly	/ Water	Usage	Units	Usage	Users	Usage	Income
0	to	0	Gallons	0	0	0	0.00
0	to	1,000	Gallons	500	0	0	0.00
1,000	to	2,000	Gallons	1,500	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	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00
60,000	to	70,000	Gallons	65,000	0	0	0.00
70,000	to	80,000	Gallons	75,000	0	0	0.00
80,000	to	90,000	Gallons	85,000	0	0	0.00
90,000	to	100,000	Gallons	95,000	0	0	0.00
100,000	to	200,000	Gallons	150,000	0	0	0.00
200,000	to	230,000	Gallons	215,000	1	215,000	936.19
			Monthly To	tals	1	215,000	\$936.19
Annual Totals				12	2,580,000	\$11,234.28	
			Monthly Av	g/Customer		215,000	\$936.19

XI. <u>FACILITY CHARACTERISTICS OF PROPOSED SEWER SYSTEM</u>: N/A

<i>A</i> .	Sewage Treatment					
	1. Type					
	2. Method of Sludge Disposal					
	3. Cost per 1,000 gallons if sewage treatment is contracted:					
	\$					
В.	Treatment Capacity of Sewage Treatment Plant					
С.	Type of Sewage Collector System (Describe)					
D.	Number and Capacity of Lift Stations					
Е.	Sewage Collection System:					
	Lineal Feet of Collector Lines, by size 6" 8"					
	10" 12" Larger					
	Lineal Feet of Force Main, by size 4"6"6"6"					
<u>LAN</u>	D AND RIGHTS-PROPOSED SEWER SYSTEM N/A					
	Number of Treatment Plant Sites					
	Number of Pump Sites					
	Number of Other Sites					
	Total Acreage					

Purchase Price

XII.

XIII. FACILITY CHARACTERISTICS OF PROPOSED WATER SYSTEM

A.	Water Source: Describ explanation of raw wat capacity, and current lev Water Purchase Contract	er source, rated of product	aw water tion (WTP)	intake structure, 1	treatment plant
B.	Water Storage:				
	Type: Ground Storage T	ank		Elevated Tank	1
	Stand	pipe	<u> </u>	Other	-
	Number of Storage Struc	tures <u>1</u>			
	Total Storage Volume Ca	pacity 500	,000 Gallon	IS	
C.	Water Distribution System	n:			
	Pipe Material PVC SI	DR-17			
	Lineal Feet of Pipe:	2"	800	3"	1,700
		4"	2,700	6"	3,000
		8"	1,400	12"	5,300
	Number and Capacity of	Pump Station	(s)	-	

XIV. LAND AND RIGHTS - PROPOSED SYSTEM

Number of Treatment Plant Sites	-		
Number of Pump Sites			
Number of Other Sites	1 (Tank Site)		
Total Acreage	0.23 Ac.		
Purchase Price	\$0.00 (Site already owned by District)		

Number of Total Potential Users Living in the Service Area

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

XVI. <u>PROPOSED SEWER CONNECTION FEES FOR EACH SIZE WATER METER</u> <u>CONNECTION</u>: N/A

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

XVII. NUMBER OF NEW WATER USERS

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

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

XVIII. <u>PROPOSED WATER CONNECTION FEES FOR EACH SIZE WATER METER</u> <u>CONNECTION</u>

Meter Size	Connection Fee		
3/4"	\$525.00		
1-Inch	ACTUAL		
1-1/2-Inch	ACTUAL		
2-Inch	ACTUAL		
3-Inch	ACTUAL		
4-Inch	ACTUAL		

A. Proposed Rate Schedule without RUS Grant: Residential & Non-residential

First Gallons @ \$ _____ Minimum

All Over _____ Gallons @ \$ _____ 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: Residential & Non-residential

First	Gallons @ \$	Minimum

All Over _____ Gallons @ \$ _____ Per 1,000 Gallons

XX. WATER RATES-PROPOSED SYSTEM

A. Proposed Rate Schedule without RUS Grant:

First	1,000	_ Gallons @ \$	\$15.31	Minimum
Next	99,000	Gallons @ \$	5.86	Per 1,000 Gallons
All Over	100,000	_ Gallons @ \$	5.23	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. Recommended Rate Schedule with RUS Grant:

Proposed Rate Schedule: 5/8 x 3/4-Inch (Residential and Non-Residential)

			,		
1,000	Gallons @ \$	\$15.00	Minimum		
99,000	Gallons @ \$	5.86	Per 1,000 Gallons		
100,000	Gallons @ \$	5.23	Per 1,000 Gallons		
Proposed Rate Schedule: 1-Inch (Residential and Non-Residential)					
5,000	Gallons @ \$	\$38.44	Minimum		
95,000	Gallons @ \$	5.86	Per 1,000 Gallons		
100,000	Gallons @ \$	5.23	Per 1,000 Gallons		
Proposed Rate Schedule: 1-1/2-Inch (Non-Residential)					
10,000	Gallons @ \$	\$67.74	Minimum		
90,000	Gallons @ \$	5.86	Per 1,000 Gallons		
100,000	Gallons @ \$	5.23	Per 1,000 Gallons		
Proposed Rate Schedule: 2-Inch (Non-Residential)					
20,000	Gallons @ \$	\$126.34	Minimum		
80,000	Gallons @ \$	5.86	Per 1,000 Gallons		
100,000	Gallons @ \$	5.23	Per 1,000 Gallons		
Proposed Rate Schedule: 3-Inch (Non-Residential)					
30,000	Gallons @ \$	\$184.94	Minimum		
70,000	Gallons @ \$	5.86	Per 1,000 Gallons		
100,000	Gallons @ \$	5.23	Per 1,000 Gallons		
	$\begin{array}{r} 99,000 \\ \hline 100,000 \\ \hline 100,000 \\ \hline \\ Schedule: 1-Inch (5,000 \\ \hline 95,000 \\ \hline 100,000 \\ \hline \\ Schedule: 1-1/2-Ir \\ \hline 10,000 \\ \hline \\ 90,000 \\ \hline \\ 100,000 \\ \hline \\ Schedule: 2-Inch (20,000 \\ \hline \\ 80,000 \\ \hline \\ 100,000 \\ \hline \\ Schedule: 3-Inch (30,000 \\ \hline \\ 70,000 \\ \hline \end{array}$	99,000 Gallons @ \$ 100,000 Gallons @ \$ Schedule: 1-Inch (Residential and I $5,000$ Gallons @ \$ 95,000 Gallons @ \$ 95,000 Gallons @ \$ 100,000 Gallons @ \$ 95,000 Gallons @ \$ 95,000 Gallons @ \$ 100,000 Gallons @ \$ Schedule: 1-1/2-Inch (Non-Residential 10,000 Gallons @ \$ 90,000 Gallons @ \$ 100,000 Gallons @ \$ 100,000 Gallons @ \$ Schedule: 2-Inch (Non-Residential 20,000 20,000 Gallons @ \$ 80,000 Gallons @ \$ 100,000 Gallons @ \$ Schedule: 3-Inch (Non-Residential 30,000 Gallons @ \$ Schedule: 3-Inch (Non-Residential 30,000 Gallons @ \$ 70,000 Gallons @ \$	99,000 Gallons @ \$ 5.86 100,000 Gallons @ \$ 5.23 Schedule: 1-Inch (Residential and Non-Residential $5,000$ Gallons @ \$ $$38.44$ 95,000 Gallons @ \$ $$5.86$ 100,000 Gallons @ \$ $$5.86$ 100,000 Gallons @ \$ $$5.86$ 100,000 Gallons @ \$ $$5.23$ Schedule: 1-1/2-Inch (Non-Residential) $10,000$ Gallons @ \$ 10,000 Gallons @ \$ $$5.23$ Schedule: 1-1/2-Inch (Non-Residential) $10,000$ Gallons @ \$ 100,000 Gallons @ \$ $$5.86$ 100,000 Gallons @ \$ $$5.23$ Schedule: 2-Inch (Non-Residential) $$20,000$ Gallons @ \$ 20,000 Gallons @ \$ $$5.86$ 100,000 Gallons @ \$ $$5.23$ Schedule: 3-Inch (Non-Residential) $$30,000$ $$Gallons @ $ $5.23 Schedule: 3-Inch (Non-Residential) $30,000 $Gallons @ $ $5.86 30,000 Gallons @ $ $5.86 $5.86 $		

Proposed Rate Schedule: 4-Inch (Non-Residential)
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First	50,000	Gallons @ \$	\$302.14	Minimum
Next	50,000	Gallons @ \$	5.86	Per 1,000 Gallons
All Over	100,000	Gallons @ \$	5.23	Per 1,000 Gallons

PROPOSED RATE STRUCTURE								
FIRST 1,000 Gallons \$15.00 Minimum Payment								
NEXT	99,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected			
Monthl	y Wate	r Usage	Units	Usage	Users	Usage	Income			
0	to	0	Gallons	0	167	0	2,505.00			
0	to	1,000	Gallons	500	489	244,500	7,335.00			
1,000	to	2,000	Gallons	1,500	786	1,179,000	14,092.98			
2,000	to	3,000	Gallons	2,500	862	2,155,000	20,506.98			
3,000	to	4,000	Gallons	3,500	1178	4,123,000	34,927.70			
4,000	to	5,000	Gallons	4,500	762	3,429,000	27,058.62			
5,000	to	6,000	Gallons	5,500	490	2,695,000	20,271.30			
6,000	to	7,000	Gallons	6,500	285	1,852,500	13,460.55			
7,000	to	8,000	Gallons	7,500	195	1,462,500	10,352.55			
8,000	to	9,000	Gallons	8,500	117	994,500	6,897.15			
9,000	to	10,000	Gallons	9,500	79	750,500	5,119.99			
10,000	to	11,000	Gallons	10,500	52	546,000	3,674.84			
11,000	to	12,000	Gallons	11,500	38	437,000	2,908.14			
12,000	to	13,000	Gallons	12,500	27	337,500	2,224.53			
13,000	to	14,000	Gallons	13,500	22	297,000	1,941.50			
14,000	to	15,000	Gallons	14,500	23	333,500	2,164.53			
15,000	to	20,000	Gallons	17,500	14	245,000	1,563.66			
20,000	to	25,000	Gallons	22,500	22	495,000	3,101.78			
25,000	to	30,000	Gallons	27,500	15	412,500	2,554.35			
30,000	to	35,000	Gallons	32,500	4	130,000	798.36			
35,000	to	40,000	Gallons	37,500	4	150,000	915.56			
40,000	to	45,000	Gallons	42,500	2	85,000	516.38			
45,000	to	50,000	Gallons	47,500	1	47,500	287.49			
50,000	to	60,000	Gallons	55,000	1	55,000	331.44			
60,000	to	70,000	Gallons	65,000	0	0	0.00			
70,000	to	80,000	Gallons	75,000	0	0	0.00			
80,000	to	90,000	Gallons	85,000	0	0	0.00			
90,000	to	100,000	Gallons	95,000	0	0	0.00			
			Monthly Tot	als	5,635	22,456,500	\$185,510.38			
			Annual Tota	als	67,620	269,478,000	\$2,226,124.56			
			Monthly Avg	g/Customer		3,985	\$30.61			

PROPOSED RATE STRUCTURE								
FIRST	1,000 Gallons	\$15.00	Minimum Payment					
NEXT	99,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected			
Monthly	/Water	Usage	Units	Usage	Users	Usage	Income			
0	to	0	Gallons	0	10	0	150.00			
0	to	1,000	Gallons	500	70	35,000	1,050.00			
1,000	to	2,000	Gallons	1,500	42	63,000	753.06			
2,000	to	3,000	Gallons	2,500	26	65,000	618.54			
3,000	to	4,000	Gallons	3,500	24	84,000	711.60			
4,000	to	5,000	Gallons	4,500	17	76,500	603.67			
5,000	to	6,000	Gallons	5,500	13	71,500	537.81			
6,000	to	7,000	Gallons	6,500	8	52,000	377.84			
7,000	to	8,000	Gallons	7,500	7	52,500	371.63			
8,000	to	9,000	Gallons	8,500	8	68,000	471.60			
9,000	to	10,000	Gallons	9,500	12	114,000	777.72			
10,000	to	11,000	Gallons	10,500	10	105,000	706.70			
11,000	to	12,000	Gallons	11,500	3	34,500	229.59			
12,000	to	13,000	Gallons	12,500	2	25,000	164.78			
13,000	to	14,000	Gallons	13,500	2	27,000	176.50			
14,000	to	15,000	Gallons	14,500	2	29,000	188.22			
15,000	to	20,000	Gallons	17,500	7	122,500	781.83			
20,000	to	25,000	Gallons	22,500	3	67,500	422.97			
25,000	to	30,000	Gallons	27,500	1	27,500	170.29			
30,000	to	35,000	Gallons	32,500	1	32,500	199.59			
35,000	to	40,000	Gallons	37,500	1	37,500	228.89			
40,000	to	45,000	Gallons	42,500	3	127,500	774.57			
45,000	to	50,000	Gallons	47,500	2	95,000	574.98			
50,000	to	60,000	Gallons	55,000	1	55,000	331.44			
60,000	to	70,000	Gallons	65,000	1	65,000	390.04			
70,000	to	80,000	Gallons	75,000	1	75,000	448.64			
80,000	to	90,000	Gallons	85,000	1	85,000	507.24			
90,000	to	100,000	Gallons	95,000	0	0	0.00			
			Monthly Tot	als	278	1,692,000	\$12,719.74			
			Annual Tota		3,336	20,304,000	\$152,636.88			
			Monthly Ave	g/Customer		6,086	\$41.60			

PROPOSED RATE STRUCTURE								
FIRST	5,000 Gallons	\$38.44	Minimum Payment					
NEXT	95,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected		
Monthly	y Wate	r Usage	Units	Usage	Users	Usage	Income		
0	to	0	Gallons	0	2	0	76.88		
0	to	1,000	Gallons	500	2	1,000	76.88		
1,000	to	2,000	Gallons	1,500	3	4,500	115.32		
2,000	to	3,000	Gallons	2,500	4	10,000	153.76		
3,000	to	4,000	Gallons	3,500	4	14,000	153.76		
4,000	to	5,000	Gallons	4,500	3	13,500	115.32		
5,000	to	6,000	Gallons	5,500	1	5,500	41.37		
6,000	to	7,000	Gallons	6,500	1	6,500	47.23		
7,000	to	8,000	Gallons	7,500	1	7,500	53.09		
8,000	to	9,000	Gallons	8,500	1	8,500	58.95		
9,000	to	10,000	Gallons	9,500	1	9,500	64.81		
10,000	to	11,000	Gallons	10,500	1	10,500	70.67		
11,000	to	12,000	Gallons	11,500	1	11,500	76.53		
12,000	to	13,000	Gallons	12,500	0	0	0.00		
13,000	to	14,000	Gallons	13,500	1	13,500	88.25		
14,000	to	15,000	Gallons	14,500	0	0	0.00		
15,000	to	20,000	Gallons	17,500	2	35,000	223.38		
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	1	32,500	199.59		
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		Gallons	55,000	0	0	0.00		
60,000	to	70,000	Gallons	65,000	1	65,000	390.04		
70,000	to		Gallons	75,000	1	75,000	448.64		
80,000	to	,	Gallons	85,000	1	85,000	507.24		
90,000	to	100,000		95,000	0	0	0.00		
100,000	to	170,000		135,000	3	405,000	2,334.57		
			Monthly Tot		35	813,500	\$5,296.28		
			Annual Totals		420	9,762,000	\$63,555.36		
			Monthly Ave	g/Customer		23,243	\$133.85		

PROPOSED RATE STRUCTURE								
FIRST	10,000 Gallons	\$67.74	Minimum Payment					
NEXT	90,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected			
Monthl	y Wate	er Usage	Units	Usage	Users	Usage	Income			
0	to	0	Gallons	0	0	0	0.00			
0	to	1,000	Gallons	500	1	500	67.74			
1,000	to	2,000	Gallons	1,500	0	0	0.00			
2,000	to	3,000	Gallons	2,500	1	2,500	67.74			
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	1	6,500	67.74			
7,000	to	8,000	Gallons	7,500	1	7,500	67.74			
8,000	to	9,000	Gallons	8,500	0	0	0.00			
9,000	to	10,000	Gallons	9,500	1	9,500	67.74			
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	20,000	Gallons	17,500	1	17,500	111.69			
20,000	to	25,000	Gallons	22,500	1	22,500	140.99			
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	60,000	Gallons	55,000	0	0	0.00			
60,000	to	70,000	Gallons	63,575	1	63,575	381.69			
70,000	to	,	Gallons	75,000	1	75,000	448.64			
80,000	to	1	Gallons	85,000	0	0	0.00			
90,000	to	100,000		95,000	0	0	0.00			
100,000	to	200,000	Gallons	150,000	0	0	0.00			
			Monthly Tot		9	205,075	\$1,421.71			
			Annual Totals		108	2,460,900	\$17,060.51			
			Monthly Ave	g/Customer		22,786	\$134.61			

PROPOSED RATE STRUCTURE								
FIRST	20,000 Gallons	\$126.34	Minimum Payment					
NEXT	80,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected		
Monthly	/ Water	Usage	Units	Usage	Users	Usage	Income		
0	to	0	Gallons	0	0	0	0.00		
0	to	1,000	Gallons	500	0	0	0.00		
1,000	to	2,000	Gallons	1,500	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	1	4,500	126.34		
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	1	7,500	126.34		
8,000	to	9,000	Gallons	8,500	0	0	0.00		
9,000	to	10,000	Gallons	9,500	1	9,500	126.34		
10,000	to	11,000	Gallons	10,500	1	10,500	126.34		
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	20,000	Gallons	17,500	0	0	0.00		
20,000	to	25,000	Gallons	22,500	2	45,000	281.98		
25,000	to	30,000	Gallons	27,500	1	27,500	170.29		
30,000	to	35,000	Gallons	32,500	1	32,500	199.59		
35,000	to	40,000	Gallons	37,500	0	0	0.00		
40,000	to	45,000	Gallons	42,500	1	42,500	258.19		
45,000	to	50,000	Gallons	47,500	0	0	0.00		
50,000	to	60,000	Gallons	55,000	3	165,000	994.32		
60,000	to	70,000	Gallons	65,000	1	65,000	390.04		
70,000	to	80,000	Gallons	75,000	2	150,000	897.28		
80,000	to	90,000	Gallons	85,000	0	0	0.00		
90,000	to	100,000	Gallons	95,000	1	95,000	565.84		
100,000	to	200,000	Gallons	150,000	4	600,000	3,426.56		
200,000	to	400,000	Gallons	300,000	2	600,000	3,282.28		
			Monthly To	tals	22	1,854,500	\$10,971.73		
			Annual Totals		264	22,254,000	\$131,660.76		
			Monthly Av	g/Customer		84,295	\$462.61		

PROPOSED RATE STRUCTURE								
FIRST	30,000 Gallons	\$184.94	Minimum Payment					
NEXT	70,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected			
Monthl	y Wate	er Usage	Units	Usage	Users	Usage	Income			
0	to	0	Gallons	0	0	0	0.00			
0	to	1,000	Gallons	500	0	0	0.00			
1,000	to	2,000	Gallons	1,500	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	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00			
60,000	to	70,000	Gallons	65,000	1	65,000	390.04			
70,000	to		Gallons	75,000	0	0	0.00			
80,000	to		Gallons	85,000	0	0	0.00			
90,000	to	100,000		95,000	0	0	0.00			
100,000	to	140,000	Gallons	120,000	1	120,000	699.74			
			Monthly Tot	als	2	185,000	\$1,089.78			
			Annual Totals		24	2,220,000	\$13,077.36			
			Monthly Av	g/Customer		92,500	\$511.82			

PROPOSED RATE STRUCTURE								
FIRST	50,000 Gallons	\$302.14	Minimum Payment					
NEXT	50,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

ANALYSIS OF MONTHLY WATER USAGE AND INCOME										
				Average	Number of	Total	Projected			
Monthly	/Water	Usage	Units	Usage	Users	Usage	Income			
0	to	0	Gallons	0	0	0	0.00			
0	to	1,000	Gallons	500	0	0	0.00			
1,000	to	2,000	Gallons	1,500	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	20,000	Gallons	17,500	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	2	85,000	604.28			
45,000	to	50,000	Gallons	47,500	0	0	0.00			
50,000	to	60,000	Gallons	55,000	0	0	0.00			
60,000	to	70,000	Gallons	65,000	0	0	0.00			
70,000	to	80,000	Gallons	75,000	0	0	0.00			
80,000	to	90,000	Gallons	85,000	0	0	0.00			
90,000	to	100,000	Gallons	95,000	0	0	0.00			
100,000	to	200,000	Gallons	150,000	0	0	0.00			
5,000,000	to	5,200,000	Gallons	5,100,000	1	5,100,000	26,745.14			
			Monthly Totals		3	5,185,000	\$27,349.42			
			Annual Totals		36	62,220,000	\$328,193.04			
			Monthly Ave	g/Customer		1,728,333	\$9,079.82			

CAMPGROUND HIEGHTS (BUILDINGS 1-8) PROPOSED RATES

PROPOSED RATE STRUCTURE								
FIRST	4,000 Gallons	\$51.86	Minimum Payment					
NEXT	96,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected		
Monthl	y Wate	er Usage	Units	Usage	Users	Usage	Income		
0	to	0	Gallons	0	0	0	0.00		
0	to	1,000	Gallons	500	0	0	0.00		
1,000	to	2,000	Gallons	1,500	0	0	0.00		
2,000	to	3,000	Gallons	2,500	0	0	0.00		
3,000	to	4,000	Gallons	3,500	1	3,500	51.86		
4,000	to	5,000	Gallons	4,500	2	9,000	109.58		
5,000	to	6,000	Gallons	5,500	1	5,500	60.65		
6,000	to	7,000	Gallons	6,500	1	6,500	66.51		
7,000	to	8,000	Gallons	7,500	1	7,500	72.37		
8,000	to	9,000	Gallons	8,500	1	8,500	78.23		
9,000	to	10,000	Gallons	9,500	1	9,500	84.09		
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	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00		
60,000	to	70,000	Gallons	65,000	0	0	0.00		
70,000	to		Gallons	75,000	0	0	0.00		
80,000	to	90,000	Gallons	85,000	0	0	0.00		
90,000	to	100,000		95,000	0	0	0.00		
100,000	to	170,000		135,000	0	0	0.00		
			Monthly Tot		8	50,000	\$523.29		
			Annual Tota	als	96	600,000	\$6,279.48		
			Monthly Ave	g/Customer		6,250	\$63.63		

CAMPGROUND HIEGHTS (BUILDING 9) PROPOSED RATES

PROPOSED RATE STRUCTURE								
FIRST	5,000 Gallons	\$38.42	Minimum Payment					
NEXT	95,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected			
Monthl	y Wate	er Usage	Units	Usage	Users	Usage	Income			
0	to	0	Gallons	0	0	0	0.00			
0	to	1,000	Gallons	500	0	0	0.00			
1,000	to	2,000	Gallons	1,500	0	0	0.00			
2,000	to		Gallons	2,500	0	0	0.00			
3,000	to	4,000	Gallons	3,500	1	3,500	38.42			
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		Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00			
60,000	to	70,000	Gallons	65,000	0	0	0.00			
70,000	to	80,000	Gallons	75,000	0	0	0.00			
80,000	to	90,000	Gallons	85,000	0	0	0.00			
90,000	to	100,000	Gallons	95,000	0	0	0.00			
100,000	to	150,000	Gallons	125,000	0	0	0.00			
			Monthly To	tals	1	3,500	\$38.42			
			Annual Tota	als	12	42,000	\$461.04			
			Monthly Av	g/Customer		3,500	\$30.58			

BENELLY INVESTMENTS, LLC (MT. HILL APARTMENTS) PROPOSED RATES

PROPOSED RATE STRUCTURE								
FIRST	22,000 Gallons	\$273.07	Minimum Payment					
NEXT	78,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected			
Monthl	y Wate	r Usage	Units	Usage	Users	Usage	Income			
0	to	0	Gallons	0	0	0	0.00			
0	to	1,000	Gallons	500	0	0	0.00			
1,000	to	2,000	Gallons	1,500	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	,	Gallons	13,500	0	0	0.00			
14,000	to		Gallons	14,500	0	0	0.00			
15,000	to	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00			
60,000	to	70,000	Gallons	65,000	1	65,000	525.05			
70,000	to	,	Gallons	75,000	0	0	0.00			
80,000	to	90,000	Gallons	85,000	0	0	0.00			
90,000	to	100,000		95,000	0	0	0.00			
100,000	to	200,000		150,000	0	0	0.00			
			Monthly To	tals	1	65,000	\$525.05			
			Annual Tota	als	12	780,000	\$6,300.60			
			Monthly Av	g/Customer		65,000	\$497.96			

EMMA'S PLACE APARTMENTS PROPOSED RATES

PROPOSED RATE STRUCTURE								
FIRST	49,000 Gallons	\$604.88	Minimum Payment					
NEXT	51,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected			
Monthl	y Wate	er Usage	Units	Usage	Users	Usage	Income			
0	to	0	Gallons	0	0	0	0.00			
0	to	1,000	Gallons	500	0	0	0.00			
1,000	to	2,000	Gallons	1,500	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	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00			
60,000	to	70,000	Gallons	65,000	0	0	0.00			
70,000	to	80,000	Gallons	75,000	0	0	0.00			
80,000	to	90,000	Gallons	85,000	0	0	0.00			
90,000	to	100,000	Gallons	95,000	0	0	0.00			
100,000	to	250,000	Gallons	175,000	1	175,000	1,295.99			
			Monthly To	tals	1	175,000	\$1,295.99			
			Annual Tota	als	12	2,100,000	\$15,551.88			
			Monthly Av	g/Customer		175,000	\$1,263.86			

CHESTNUT GREENE LIMITED PARTNERSHIP (PINE GROVE #2 APARTMENTS) PROPOSED RATES

PROPOSED RATE STRUCTURE								
FIRST	26,000 Gallons	\$322.23	Minimum Payment					
NEXT	74,000 Gallons	\$5.86	Per 1000 Gallons					
OVER	100,000 Gallons	\$5.23	Per 1000 Gallons					

	ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected			
Monthl	y Wate	er Usage	Units	Usage	Users	Usage	Income			
0	to	0	Gallons	0	0	0	0.00			
0	to	1,000	Gallons	500	0	0	0.00			
1,000	to	2,000	Gallons	1,500	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	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00			
60,000	to	70,000	Gallons	65,000	0	0	0.00			
70,000	to	80,000	Gallons	75,000	0	0	0.00			
80,000	to	90,000	Gallons	85,000	0	0	0.00			
90,000	to	100,000	Gallons	95,000	0	0	0.00			
100,000	to	480,000	Gallons	290,000	1	290,000	1,749.57			
			Monthly To	tals	1	290,000	\$1,749.57			
			Annual Tota	als	12	3,480,000	\$20,994.84			
			Monthly Av	g/Customer		290,000	\$1,702.95			

CORBIN MANOR APARTMENTS PROPOSED RATES

PROPOSED RATE STRUCTURE								
FIRST	FIRST 200,000 Gallons \$1,118.44 Minimum Payment							
OVER	200,000 Gallons	\$5.23	Per 1000 Gallons					

ANALYSIS OF MONTHLY WATER USAGE AND INCOME									
				Average	Number of	Total	Projected		
Monthly	/ Water	⁻ Usage	Units	Usage	Users	Usage	Income		
0	to	0	Gallons	0	0	0	0.00		
0	to	1,000	Gallons	500	0	0	0.00		
1,000	to	2,000	Gallons	1,500	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	20,000	Gallons	17,500	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	60,000	Gallons	55,000	0	0	0.00		
60,000	to	70,000	Gallons	65,000	0	0	0.00		
70,000	to	80,000	Gallons	75,000	0	0	0.00		
80,000	to	90,000	Gallons	85,000	0	0	0.00		
90,000	to	100,000	Gallons	95,000	0	0	0.00		
100,000	to	200,000	Gallons	150,000	0	0	0.00		
200,000	to	230,000	Gallons	215,000	1	215,000	1,196.89		
			Monthly Tot	tals	1	215,000	\$1,196.89		
			Annual Tota	als	12	2,580,000	\$14,362.68		
			Monthly Ave	g/Customer		215,000	\$1,196.89		

XXI. <u>CURRENT OPERATING BUDGET (SEWER SYSTEM)</u>: (As of the last full operating year) Year Ending <u>N/A</u>

A .	Operating Income:	
	Sewer Revenue	
	Late Charge Fees	
	Other (Describe)	
	Less Allowances and Deductions	
	Total Operating Income	
<i>B</i> .	Operation and Maintenance Expenses:	
	(Based on Uniform System of Accounts prescribed by	National Association of
	Regulatory Utility Commissioners)	
	Operation Expense	
	Maintenance Expense	
	Customer Accounts Expense	
	Administrative and General Expense	
	Total Operating and Maintenance Expenses	
	Net Operating Income	
С.	Non Operating Income:	
	Interest on Deposits	
	Other (Operating Grants)	
	Total Non-Operating Income	
D.	Net Income	
<i>E</i> .	Debt Repayment:	
	RUS Interest	
	RUS Principal	
	Non-RUS Interest	
	Non-RUS Principal	
	Total Debt Repayment	
F	Reserve Accounts:	
	Short Lived Assets Replacement Reserves	
	Debt Reserves	
	Total Reserves	
<i>G</i> .	Balance Available for Coverage	
U .	σαιαπος πναπασις τοι συνείαχε	

XXII. <u>PROPOSED OPERATING BUDGET (SEWER SYSTEM) - EXISTING SYSTEM</u> <u>and NEW USERS</u> : (1ST Full Year of Operation) Year Ending <u>N/A</u>

A .	1 8	
	Sewer Revenue	
	Late Charge Fees	
	Other (Describe)	
	Less Allowances and Deductions	
	Total Operating Income	
В.	Operation and Maintenance Expenses:	
	(Based on Uniform System of Accounts prescribed by Nati	onal Association of
	Regulatory Utility Commissioners)	·
	Operation Expense	
	Maintenance Expense	
	Customer Accounts Expense	
	Administrative and General Expense	
	Total Operating and Maintenance Expenses	
	Net Operating Income	
С.	Non Operating Income:	
	Interest on Deposits	
	Other (Identify)	
	Total Non-Operating Income	
D.	. Net Income	
<i>E</i> .	. Debt Repayment:	
	RUS Interest	
	RUS Principal	
	Non-RUS Interest	
	Non-RUS Principal	
	Total Debt Repayment	
<i>F</i> .	Balance Available for Coverage	
<i>G</i> .	. Reserve Accounts:	
	Short Lived Assets Replacement Reserves	
	Debt Reserves	
	Total Reserves	

XXIII.PROPOSED OPERATING BUDGET-(SEWER SYSTEM)-NEW USERS-
EXTENSION ONLY : (1ST Full Year of Operation) Year Ending <u>N/A</u>

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

XXIV. <u>CURRENT OPERATING BUDGET (WATER SYSTEM)</u>: (As of the last full operating year) Year Ending <u>2018</u>

A.	Operating Income:	
	Water Sales	\$ 2,315,469
	Service Charges	109,614
	Tap Fees	26,445
	Penalties	46,674
	Other	13,904
	Total Operating Income	\$ 2,512,106

B. Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) Source of Supply Expense \$15 31,456 Pumping Expense Water Treatment Expense 754,253 Transmission and Distribution Expense 612,975 Customer Accounts Expense 607,797 Administrative and General Expense 261,047 **Total Operating Expenses** 2,267,543

	Total Operating Expenses	2,207,345
	Net Operating Income	\$ 244,563
C.	Non-Operating Income:	
	Interest/ Investment Income	\$ 3,192
	Rental Income	14,665
	Grant Revenue	891,712
	Other (Equipment Sale)	13,179
	Total Non-Operating Income	\$ 922,748
D.	Net Income	\$ 1,167,311
E.	Debt Repayment:	
	RUS Interest	\$ 344,897
	RUS Principal	151,000
	Non-RUS Interest	2,626
	Non-RUS Principal	16,612
	Total Debt Repayment	\$ 515,135
F.	Reserve Accounts:	
	Short Lived Assets Replacement Reserves	\$ 37,167
	RUS Debt Reserves	47,185
	Non-RUS Debt Reserves	

G. Balance Available for Coverage: \$567,824

\$ 84,352

Total Reserves

XXV. PROPOSED OPERATING BUDGET (WATER SYSTEM) - PROPOSED SYSTEM and EXISTING USERS : (1st Full Year of Operation) Year Ending _____2020____

A.	Operating Income:	
1 1.	Water Sales	\$ 2,996,259
	Service Charges	105,000
	Tap Fees	25,000
	Penalties	45,000
	Other	10,000
	Total Operating Income	\$ 3,181,259
		_
B.	Operation and Maintenance Expenses:	
	(Based on Uniform System of Accounts prescribe by 1	National Association of
	Regulatory Utility Commissioners)	
	Source of Supply Expense	\$ 100
	Pumping Expense	32,851
	Water Treatment Expense	787,705
	Transmission and Distribution Expense	640,162
	Customer Accounts Expense	634,754
	Administrative and General Expense	272,625
	Total Operating Expenses	2,368,197
	Net Operating Income	\$813,062
C.	Non-Operating Income:	
с.	Interest/ Investment Income	\$ 3,000
	Rental Income	15,000
	Other (Miscellaneous)	
	Total Non-Operating Income	\$ 18,000
	Total Non-Operating medine	φ 10,000
D.	Net Income	\$ 831,062
E.	Debt Repayment: **	
	RUS Interest	\$ 397,893
	RUS Principal	192,000
	Non-RUS Interest	4,949
	Non-RUS Principal	38,466
	Total Debt Repayment	\$ 633,308
F.	Reserve Accounts: **	
г.	Short Lived Assets Replacement Reserves	\$ 37,167
	RUS Debt Reserves	56,400
	Non-RUS Debt Reserves	
	Total Reserves	- ¢ 02 567
	1 0tal (COCI VOS	\$ 93,567
G.	Balance Available for Coverage:	\$ 104,187
	** Includes USDA loan requirements for this project	

** Includes USDA loan requirements for this project

XXVI. PROPOSED OPERATING BUDGET (WATER SYSTEM) - PROPOSED SYSTEM and EXISTING USERS : (3rd Full Year of Operation) Year Ending 2022

A.	Operating Income:	
	Water Sales	\$ 2,996,259
	Service Charges	105,000
	Tap Fees	25,000
	Penalties	45,000
	Other	10,000
	Total Operating Income	\$ 3,181,259
B.	Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by Regulatory Utility Commissioners) Source of Supply Expense	\$ 100
	Pumping Expense Water Treatment Expense	34,308
	Water Treatment Expense	822,642
	Transmission and Distribution Expense	668,554
	Customer Accounts Expense	662,906
	Administrative and General Expense	284,716
	Total Operating Expenses	2,473,226
	Net Operating Income	\$ 708,033
C.	Non Operating Income: Interest/ Investment Income Rental Income Other (Miscellaneous) Total Non-Operating Income	\$ 3,000 15,000 - \$ 18,000
D.	Net Income	\$726,033
E.	Debt Repayment: ** RUS Interest	\$ 384,205
	RUS Principal	205,000
	Non-RUS Interest	4,026
	Non-RUS Principal	39,235
	Total Debt Repayment	\$ 632,466
F.	Balance Available for Coverage:	\$ 93,567
G.	Reserve Accounts: **	
	Short Lived Assets Replacement Reserves	\$ 37,167
	RUS Debt Reserves	56,400
	Non-RUS Debt Reserves	
	Total Reserves	\$ 93,567

** Includes USDA loan requirements for this project

XXVII. <u>ESTIMATED PROJECT COST – SEWER:</u> N/A (Round to nearest \$100)

	Collection	<u>Treatment</u>	<u>Total</u>
Development			
Land & Rights			
Legal			
Engineering			
Interest			
Contingencies			
Initial Operating and Maintenance			
Other			
TOTAL			

XXVIII. <u>PROPOSED PROJECT FUNDING</u> N/A

	Collection	<u>Treatment</u>	<u>Total</u>
Applicant - User Connection Fees			
Other Applicant Contribution			
RUS Loan			
RUS Grant			
ARC Grant (If applicable)			
CDBG (If applicable)			
Other (RBEG)			
Other			
TOTAL			

XXIX. ESTIMATED PROJECT COST - WATER

Development	\$ 2,171,471
Legal & Administration	26,000
Engineering	253,500
Interest	30,000
Land & Easements	5,000
Contingency	214,029
TOTAL	\$ 2,700,000

XXX. <u>PROPOSED PROJECT FUNDING</u>

Applicant - User Connection Fees	
Other Applicant Contribution	-
RUS Loan	\$ 1,850,000
RUS Grant	500,000
Additional RUS Loan	275,000
Additional RUS Grant	75,000
ARC Grant (If applicable)	-
CDBG (If applicable)	-
Other ()	-
Other ()	
TOTAL	\$ 2,700,000

APPENDIX A

Amortization Schedules

LAUREL COUNTY WATER DISTRICT NO. 2 LIST OF OUTSTANDING BONDS & LOANS

			2018	2019	2020	2021	2022
	KIA B294-02	PRINCIPAL	16,612	16,879	17,150	17,425	17,705
1		INTEREST	2,626	2,325	2,020	1,711	1,396
		TOTAL	19,238	19,204	19,170	19,136	19,101
	1998 USDA	PRINCIPAL	13,000	14,000	14,000	15,000	16,000
2		INTEREST	17,168	16,583	15,953	15,323	14,648
		TOTAL	30,168	30,583	29,953	30,323	30,648
	2012A USDA	PRINCIPAL	78,000	82,500	86,000	90,500	94,000
3		INTEREST	235,929	232,712	229,309	225,761	222,028
		TOTAL	313,929	315,212	315,309	316,261	316,028
	2012B USDA	PRINCIPAL	37,000	38,000	40,000	41,000	42,000
4		INTEREST	64,500	63 <i>,</i> 390	62,250	61,050	59,820
		TOTAL	101,500	101,390	102,250	102,050	101,820
	2018 USDA	PRINCIPAL	23,000	23,000	24,000	24,000	24,000
5		INTEREST	27,300	26,840	26,380	25,900	25,420
		TOTAL	50,300	49,840	50,380	49,900	49,420
	2019 KIA	PRINCIPAL		21,210	21,316	21,423	21,530
6		INTEREST		3,078	2,929	2,780	2,630
		TOTAL		24,288	24,245	24,203	24,160
	2020A USDA	PRINCIPAL			24,000	25,000	25,000
7		INTEREST			57,813	57,063	56,281
		TOTAL			81,813	82,063	81,281
	2020B USDA	PRINCIPAL			4,000	4,000	4,000
8		INTEREST			6,188	6,098	6,008
		TOTAL			10,188	10,098	10,008
	TOTAL	PRINCIPAL	167,612	195,589	230,466	238,348	244,235
	TOTAL	INTEREST	347,523	344,928	402,842	395,686	388,231
		TOTAL	515,135	540,517	633,308	634,034	632,466

Kentucky Infrastructure Authority - Loan Amortization Schedule Laurel County Water District #2 - Loan Number B294-02

Loan Summary

Borrower: L	aurel County Wate	Approval Date:	05-11-1994		
Loan ID:	0130	KIA Loan Number:	B294-02	Maturity Date:	06-01-2026
Status:	Active	Interest Rate:	1.60%	R & M Reserve:	\$22,500.00
Loan Amount:	\$450,000.00	Pmt. Frequency	Semi-Annual		
AA Date:	03-01-1996	Supp. AA Date:			

Amortization Table

Payment Date	Principal Due	Interest Due	Principal & Interest	Service Fee	Credit Due	Total Payment	Principal Balance	R&M Reserve Due	R&M Reserve Total
12-01-1996	\$5,872.84	\$3,472.40	\$9,345.24	\$450.00	\$0.00	\$9,795.24	\$444,127.16	\$979.52	\$979.52
06-01-1997	\$5,919.83	\$3,553.02	\$9,472.84	\$444.13	\$0.00	\$9,916.97	\$438,207.33	\$991.70	\$1,971.22
12-01-1997	\$5,967.19	\$3,505.66	\$9,472.84	\$438.21	\$0.00	\$9,911.05	\$432,240.15	\$991.11	\$2,962.33
06-01-1998	\$6,014.92	\$3,457.92	\$9,472.84	\$432.24	\$0.00	\$9,905.08	\$426,225.23	\$990.51	\$3,952.83
12-01-1998	\$6,063.04	\$3,409.80	\$9,472.84	\$426.23	\$0.00	\$9,899.07	\$420,162.18	\$989.91	\$4,942.74
06-01-1999	\$6,111.55	\$3,361.30	\$9,472.84	\$420.16	\$0.00	\$9,893.01	\$414,050.64	\$989.30	\$5,932.04
12-01-1999	\$6,160.44	\$3,312.41	\$9,472.84	\$414.05	\$0.00	\$9,886.89	\$407,890.20	\$988.69	\$6,920.73
06-01-2000	\$6,209.72	\$3,263.12	\$9,472.84	\$407.89	\$0.00	\$9,880.73	\$401,680.48	\$988.07	\$7,908.81
12-01-2000	\$6,259.40	\$3,213.44	\$9,472.84	\$401.68	\$0.00	\$9,874.52	\$395,421.08	\$987.45	\$8,896.26
06-01-2001	\$6,309.48	\$3,163.37	\$9,472.84	\$395.42	\$0.00	\$9,868.26	\$389,111.60	\$986.83	\$9,883.08
12-01-2001	\$6,359.95	\$3,112.89	\$9,472.84	\$389.11	\$0.00	\$9,861.96	\$382,751.65	\$986.20	\$10,869.28
06-01-2002	\$6,410.83	\$3,062.01	\$9,472.84	\$382.75	\$0.00	\$9,855.60	\$376,340.82	\$985.56	\$11,854.84
12-01-2002	\$6,462.12	\$3,010.73	\$9,472.84	\$376.34	\$0.00	\$9,849.18	\$369,878.70	\$984.92	\$12,839.76
06-01-2003	\$6,513.81	\$2,959.03	\$9,472.84	\$369.88	\$0.00	\$9,842.72	\$363,364.89	\$984.27	\$13,824.03
12-01-2003	\$6,565.92	\$2,906.92	\$9,472.84	\$363.36	\$0.00	\$9,836.21	\$356,798.96	\$983.62	\$14,807.65
06-01-2004	\$6,618.45	\$2,854.39	\$9,472.84	\$356.80	\$0.00	\$9,829.64	\$350,180.51	\$982.96	\$15,790.62
12-01-2004	\$6,671.40	\$2,801.44	\$9,472.84	\$350.18	\$0.00	\$9,823.02	\$343,509.11	\$982.30	\$16,772.92
06-01-2005	\$6,724.77	\$2,748.07	\$9,472.84	\$343.51	\$0.00	\$9,816.35	\$336,784.34	\$981.64	\$17,754.55
12-01-2005	\$6,778.57	\$2,694.27	\$9,472.84	\$336.78	\$0.00	\$9,809.63	\$330,005.77	\$980.96	\$18,735.52
06-01-2006	\$6,832.80	\$2,640.05	\$9,472.84	\$330.01	\$0.00	\$9,802.85	\$323,172.97	\$980.28	\$19,715.80
12-01-2006	\$6,887.46	\$2,585.38	\$9,472.84	\$323.17	\$0.00	\$9,796.02	\$316,285.51	\$979.60	\$20,695.40
06-01-2007	\$6,942.56	\$2,530.28	\$9,472.84	\$316.29	\$0.00	\$9,789.13	\$309,342.95	\$978.91	\$21,674.32
12-01-2007	\$6,998.10	\$2,474.74	\$9,472.84	\$309.34	\$0.00	\$9,782.19	\$302,344.85	\$825.68	\$22,500.00
06-01-2008	\$7,054.08	\$2,418.76	\$9,472.84	\$302.34	\$0.00	\$9,775.19	\$295,290.77	\$0.00	\$22,500.00
12-01-2008	\$7,110.52	\$2,362.33	\$9,472.84	\$295.29	\$0.00	\$9,768.13	\$288,180.25	\$0.00	\$22,500.00
06-01-2009	\$7,167.40	\$2,305.44	\$9,472.84	\$288.18	\$0.00	\$9,761.02	\$281,012.85	\$0.00	\$22,500.00
12-01-2009	\$7,224.74	\$2,248.10	\$9,472.84	\$281.01	\$0.00	\$9,753.86	\$273,788.11	\$0.00	\$22,500.00
06-01-2010	\$7,282.54	\$2,190.30	\$9,472.84	\$273.79	\$0.00	\$9,746.63	\$266,505.57	\$0,00	\$22,500.00
12-01-2010	\$7,340.80	\$2,132.04	\$9,472.84	\$266.51	\$0.00	\$9,739.35	\$259,164.77	\$0.00	\$22,500.00
06-01-2011	\$7,399.53	\$2,073.32	\$9,472.84	\$259.16	\$0.00	\$9,732.01	\$251,765.25	\$0.00	\$22,500.00
12-01-2011	\$7,458.72	\$2,014.12	\$9,472.84	\$251.77	\$0.00	\$9,724.61	\$244,306.52	\$0.00	\$22,500.00
06-01-2012	\$7,518.39	\$1,954.45	\$9,472.84	\$244.31	\$0.00	\$9,717.15	\$236,788.13	\$0.00	\$22,500.00
12-01-2012	\$7,578.54	\$1,894.31	\$9,472.84	\$236.79	\$0.00	\$9,709.63	\$229,209.59	\$0.00	\$22,500.00
06-01-2013	\$7,639.17	\$1,833.68	\$9,472.84	\$229.21	\$0.00	\$9,702.05	\$221,570.43	\$0.00	\$22,500.00
12-01-2013	\$7,700.28	\$1,772.56	\$9,472.84	\$221.57	\$0.00	\$9,694.41	\$213,870.15	\$0.00	\$22,500.00
06-01-2014	\$7,761.88	\$1,710.96	\$9,472.84	\$213.87	\$0.00	\$9,686.71	\$206,108.26	\$0.00	\$22,500.00
12-01-2014	\$7,823.98	\$1,648.87	\$9,472.84	\$206.11	\$0.00	\$9,678.95	\$198,284.29	\$0.00	\$22,500.00

Kentucky Infrastructure Authority - Loan Amortization Schedule Laurel County Water District #2 - Loan Number B294-02

Amortization Table

Payment Date	Principal Due	Interest Due	Principal & Interest	Service Fee	Credit Due	Total Payment	Principal Balance	R&M Reserve Due	R&M Reserve Total
06-01-2015	\$7,886.57	\$1,586.27	\$9,472.84	\$198.28	\$0.00	\$9,671.13	\$190,397.72	\$0.00	\$22,500.00
12-01-2015	\$7,949.66	\$1,523.18	\$9,472.84	\$190.40	\$0.00	\$9,663.24	\$182,448.05	\$0.00	\$22,500.00
06-01-2016	\$8,013.26	\$1,459.58	\$9,472.84	\$182.45	\$0.00	\$9,655.29	\$174,434.79	\$0.00	\$22,500.00
12-01-2016	\$8,077.37	\$1,395.48	\$9,472.84	\$174.43	\$0.00	\$9,647.28	\$166,357.43	\$0.00	\$22,500.00
06-01-2017	\$8,141.98	\$1,330.86	\$9,472.84	\$166.36	\$0.00	\$9,639.20	\$158,215.45	\$0.00	\$22,500.00
12-01-2017	\$8,207.12	\$1,265.72	\$9,472.84	\$158.22	\$0.00	\$9,631.06	\$150,008.32	\$0.00	\$22,500.00
06-01-2018	\$8,272.78	\$1,200.07	\$9,472.84	\$150.01	\$0.00	\$9,622.85	\$141,735.55	\$0.00	\$22,500.00
12-01-2018	\$8,338.96	\$1,133.88	\$9,472.84	\$141.74	\$0.00	\$9,614.58	\$133,396.59	\$0.00	\$22,500.00
06-01-2019	\$8,405.67	\$1,067.17	\$9,472.84	\$133.40	\$0.00	\$9,606.24	\$124,990.92	\$0.00	\$22,500.00
12-01-2019	\$8,472.92	\$999.93	\$9,472.84	\$124.99	\$0.00	\$9,597.83	\$116,518.00	\$0.00	\$22,500.00
06-01-2020	\$8,540.70	\$932.14	\$9,472.84	\$116.52	\$0.00	\$9,589.36	\$107,977.30	\$0.00	\$22,500.00
12-01-2020	\$8,609.03	\$863,82	\$9,472.84	\$107.98	\$0.00	\$9,580.82	\$99,368.28	\$0.00	\$22,500.00
06-01-2021	\$8,677.90	\$794.95	\$9,472.84	\$99.37	\$0.00	\$9,572.21	\$90,690.38	\$0.00	\$22,500.00
12-01-2021	\$8,747.32	\$725.52	\$9,472.84	\$90.69	\$0.00	\$9,563.53	\$81,943.06	\$0.00	\$22,500.00
06-01-2022	\$8,817.30	\$655.54	\$9,472.84	\$81.94	\$0.00	\$9,554.79	\$73,125.76	\$0.00	\$22,500.00
12-01-2022	\$8,887.84	\$585.01	\$9,472.84	\$73.13	\$0.00	\$9,545.97	\$64,237.92	\$0.00	\$22,500.00
06-01-2023	\$8,958.94	\$513.90	\$9,472.84	\$64.24	\$0.00	\$9,537.08	\$55,278.98	\$0.00	\$22,500.00
12-01-2023	\$9,030.61	\$442.23	\$9,472.84	\$55.28	\$0.00	\$9,528.12	\$46,248.37	\$0.00	\$22,500.00
06-01-2024	\$9,102.86	\$369.99	\$9,472.84	\$46.25	\$0.00	\$9,519.09	\$37,145.51	\$0.00	\$22,500.00
12-01-2024	\$9,175.68	\$297.16	\$9,472.84	\$37.15	\$0.00	\$9,509.99	\$27,969.83	\$0.00	\$22,500.00
06-01-2025	\$9,249.09	\$223.76	\$9,472.84	\$27.97	\$0.00	\$9,500.81	\$18,720.75	\$0.00	\$22,500.00
12-01-2025	\$9,323.08	\$149.77	\$9,472.84	\$18.72	\$0.00	\$9,491.56	\$9,397.67	\$0.00	\$22,500.00
06-01-2026	\$9,397.67	\$75.18	\$9,472.84	\$9.40	\$0.00	\$9,482.25	\$0.00	\$0.00	\$22,500.00
Totals:	\$450,000.03	\$118,242.99	\$568,242.80	\$14,796.36	\$0.00	\$583,039.30		\$22,499.99	

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Water Works Revenue Bond 1998 ISSUE LOAN

				Principal	\$545,000
Annual P	avmont	\$30,194		Term Interest Rate	40 4.500%
Annual F	ayment	φ 30 ,194		Interest Nate	4.500 /8
	PMT.				
YEAR	NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
1997	1	\$24,525	\$24,525	\$0	\$545,000
1998	2	24,525	24,525	0	545,000
1999	3	30,194	24,525	6,000	539,000
2000	4	30,194	24,255	6,000	533,000
2001	5	30,194	23,985	6,000	527,000
2002	6	30,194	23,715	6,500	520,500
2003	7	30,194	23,423	7,000	513,500
2004	8	30,194	23,108	7,000	506,500
2005	9	30,194	22,793	7,500	499,000
2006	10	30,194	22,455	8,000	491,000
2007	11	30,194	22,095	8,000	483,000
2008	12	30,194	21,735	8,500	474,500
2009	13	30,194	21,353	9,000	465,500
2010	14	30,194	20,948	9,000	456,500
2011	15	30,194	20,543	9,500	447,000
2012	16	30,194	20,115	10,000	437,000
2013	17	30,194	19,665	10,000	427,000
2014	18	30,194	19,215	10,500	416,500
2015	19	30,194	18,743	11,000	405,500
2016	20	30,194	18,248	12,000	393,500
2017	21	30,194	17,708	12,000	381,500
2018	22	30,194	17,168	13,000	368,500
2019	23	30,194	16,583	14,000	354,500
2020	24	30,194	15,953	14,000	340,500
2021	25	30,194	15,323	15,000	325,500
2022	26	30,194	14,648	16,000	309,500
2023	27	30,194	13,928	16,000	293,500
2024	28	30,194	13,208	17,000	276,500
2025	29	30,194	12,443	18,000	258,500
2026	30	30,194	11,633	19,000	239,500
2027	31	30,194	10,778	19,000	220,500
2028	32	30,194	9,923	20,500	200,000
2029	33	30,194	9,000	21,500	178,500
2030	34	30,194	8,033	22,500	156,000
2031	35	30,194	7,020	23,500	132,500
2032	36	30,194	5,963	24,500	108,000
2033	37	30,194	4,860	25,500	82,500
2034	38	30,194	3,713	26,000	56,500
2035	39	30,194	2,543	27,500	29,000
2036	40	30,194	1,305	29,000	0
TOT	ALS	\$1,196,419	\$651,690	\$545,000	

Water Works Revenue Bond 2012A ISSUE LOAN

				Principal	\$6,065,000
Annual D		¢040 707		Term	40
Annual Pa	ayment	\$318,797		Interest Rate	4.125%
	PMT.				
YEAR	NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
2012	1	\$250,181	\$250,181	\$0	\$6,065,000
2013	2	307,706	247,706	60,000	6,005,000
2014	3	318,797	247,706	69,000	5,936,000
2015	4	318,797	244,860	69,000	5,867,000
2016	5	318,797	242,014	72,000	5,795,000
2017	6	318,797	239,044	75,500	5,719,500
2018	7	318,797	235,929	78,000	5,641,500
2019	8	318,797	232,712	82,500	5,559,000
2020	9	318,797	229,309	86,000	5,473,000
2021	10	318,797	225,761	90,500	5,382,500
2022	11	318,797	222,028	94,000	5,288,500
2023	12	318,797	218,151	97,500	5,191,000
2024	13	318,797	214,129	102,000	5,089,000
2025	14	318,797	209,921	105,500	4,983,500
2026	15	318,797	205,569	110,000	4,873,500
2027	16	318,797	201,032	115,000	4,758,500
2028	17	318,797	196,288	119,500	4,639,000
2029	18	318,797	191,359	124,000	4,515,000
2030	19	318,797	186,244	129,500	4,385,500
2031	20	318,797	180,902	135,000	4,250,500
2032	21	318,797	175,333	141,000	4,109,500
2033	22	318,797	169,517	147,500	3,962,000
2034	23	318,797	163,433	154,000	3,808,000
2035	24	318,797	157,080	159,000	3,649,000
2036	25	318,797	150,521	165,000	3,484,000
2037	26	318,797	143,715		3,312,000
2038	27	318,797	136,620		3,133,000
2039	28	318,797	129,236	186,000	2,947,000
2040	29	318,797	121,564	194,000	2,753,000
2041	30	318,797	113,561	204,000	2,549,000
2042	31	318,797	105,146	212,000	2,337,000
2043	32	318,797	96,401	220,000	2,117,000
2044	33	318,797	87,326	228,000	1,889,000
2045	34	318,797	77,921	236,000	1,653,000
2046	35	318,797	68,186	245,000	1,408,000
2047	36	318,797	58,080	255,000	1,153,000
2048	37	318,797	47,561	271,000	882,000
2049	38	318,797	36,383	282,000	600,000
2050	39	318,797	24,750	294,000	306,000
2051	40	318,797	12,623	306,000	0
TOT	ALS	\$12,672,172	\$6,495,803	\$6,065,000	

Water Works Revenue Bond 2012B ISSUE LOAN

				Principal Term	\$2,320,000 40
Annual Pa	avmont	\$103,146		Interest Rate	3.000%
Annual Fa	ayment	φ103,140		Interest rate	3.000 /8
	PMT.				
YEAR	NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
2012	1	\$69,600	\$69,600	\$0	\$2,320,000
2013	2	99,670	68,670	31,000	2,289,000
2014	3	103,146	68,670	34,000	2,255,000
2015	4	103,146	67,650	34,000	2,221,000
2016	5	103,146	66,630	35,000	2,186,000
2017	6	103,146	65,580	36,000	2,150,000
2018	7	103,146	64,500	37,000	2,113,000
2019	8	103,146	63,390	38,000	2,075,000
2020	9	103,146	62,250	40,000	2,035,000
2021	10	103,146	61,050	41,000	1,994,000
2022	11	103,146	59,820	42,000	1,952,000
2023	12	103,146	58,560	43,000	1,909,000
2024	13	103,146	57,270	44,000	1,865,000
2025	14	103,146	55,950	45,000	1,820,000
2026	15	103,146	54,600	46,000	1,774,000
2027	16	103,146	53,220	47,000	1,727,000
2028	17	103,146	51,810	49,000	1,678,000
2029	18	103,146	50,340	51,000	1,627,000
2030	19	103,146	48,810	52,000	1,575,000
2031	20	103,146	47,250	53,000	1,522,000
2032	21	103,146	45,660	55,000	1,467,000
2033	22	103,146	44,010	57,000	1,410,000
2034	23	103,146	42,300	59,000	1,351,000
2035	24	103,146	40,530	62,000	1,289,000
2036	25	103,146	38,670	64,000	1,225,000
2037	26	103,146	36,750	66,000	1,159,000
2038	27	103,146	34,770	68,000	1,091,000
2039	28	103,146	32,730	70,000	1,021,000
2040	29	103,146	30,630	72,000	949,000
2041	30	103,146	28,470	74,000	875,000
2042	31	103,146	26,250	76,000	799,000
2043	32	103,146	23,970	78,000	721,000
2044	33	103,146	21,630	80,000	641,000
2045	34	103,146	19,230	83,000	558,000
2046	35	103,146	16,740	86,000	472,000
2047	36	103,146	14,160	89,000	383,000
2048	37	103,146	11,490	92,000	291,000
2049	38	103,146	8,730	94,000	197,000
2050	39	103,146	5,910	97,000	100,000
2051	40	103,146	3,000	100,000	0
TOT	ALS	\$4,088,805	\$1,721,250	\$2,320,000	

Water Works Revenue Bond 2018 ISSUE LOAN

				Principal Term	\$1,365,000 40
Annual Pa	ayment	\$49,899		Interest Rate	2.000%
	PMT.				
YEAR	NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
2018	1	\$49,899	\$27,300	\$23,000	\$1,342,000
2019	2	49,899	26,840	23,000	1,319,000
2020	3	49,899	26,380	24,000	1,295,000
2021	4	49,899	25,900	24,000	1,271,000
2022	5	49,899	25,420	24,000	1,247,000
2023	6	49,899	24,940	25,000	1,222,000
2024	7	49,899	24,440	25,000	1,197,000
2025	8	49,899	23,940	26,000	1,171,000
2026	9	49,899	23,420	26,000	1,145,000
2027	10	49,899	22,900	27,000	1,118,000
2028	11	49,899	22,360	28,000	1,090,000
2029	12	49,899	21,800	28,000	1,062,000
2030	13	49,899	21,240	29,000	1,033,000
2031	14	49,899	20,660	29,000	
2032	15	49,899	20,080	30,000	974,000
2033	16	49,899	19,480	30,000	944,000
2034	17	49,899	18,880	31,000	913,000
2035	18	49,899	18,260	32,000	881,000
2036	19	49,899	17,620	32,000	849,000
2037	20	49,899	16,980	33,000	816,000
2038	21	49,899	16,320	34,000	782,000
2039	22	49,899	15,640	34,000	748,000
2040	23	49,899	14,960	35,000	713,000
2041	24	49,899	14,260	36,000	677,000
2042	25	49,899	13,540	36,000	641,000
2043	26	49,899	12,820	37,000	604,000
2044	27	49,899	12,080	38,000	566,000
2045	28	49,899	11,320	39,000	527,000
2046	29	49,899	10,540	39,000	488,000
2047	30	49,899	9,760	40,000	448,000
2048	<u>31</u> 32	49,899	8,960	41,000	407,000
2049	33	49,899	8,140	42,000	365,000
2050		49,899	7,300	43,000	322,000
2051	<u>34</u> 35	49,899	6,440	43,000	279,000
2052 2053	<u> </u>	49,899	5,580	44,000	235,000
2053	36 37	49,899 49,899	4,700 3,800	45,000 46,000	190,000 144,000
2054	38	49,899	2,880	48,000	97,000
2055	<u> </u>	49,899	2,880	47,000	49,000
2056	<u> </u>	49,899	980	48,000	49,000
2057 TOT		49,899 \$1,995,944	\$630,800	\$1,365,000	
	ALU	φ1,550,944	φυου,ουυ	φ1,303,000	

Laurel County Water District No. 2 Fund B Loan - Fariston Water Storage Tank Project

Loan Amount	\$445,000
Interest Rate	0.50%
Term	20
Payment	\$11,704.41

Payment	Principal	Interest	Interest	Principal	Servicing	Total	Principal
Date	Due	Due	Rate	& Interest	Fee	Payment	Balance
							\$445,000.00
06/01/19	\$10,591.91	\$1,112.50	0.50%	\$11,704.41	\$445.00	\$12,149.41	\$434,408.09
12/01/19	\$10,618.39	\$1,086.02	0.50%	\$11,704.41	\$434.41	\$12,138.82	\$423,789.70
06/01/20	\$10,644.93	\$1,059.47	0.50%	\$11,704.41	\$423.79	\$12,128.20	\$413,144.77
12/01/20	\$10,671.55	\$1,032.86	0.50%	\$11,704.41	\$413.14	\$12,117.55	\$402,473.22
06/01/21	\$10,698.23	\$1,006.18	0.50%	\$11,704.41	\$402.47	\$12,106.88	\$391,775.00
12/01/21	\$10,724.97	\$979.44	0.50%	\$11,704.41	\$391.77	\$12,096.18	\$381,050.03
06/01/22	\$10,751.78	\$952.63	0.50%	\$11,704.41	\$381.05	\$12,085.46	\$370,298.24
12/01/22	\$10,778.66	\$925.75	0.50%	\$11,704.41	\$370.30	\$12,074.71	\$359,519.58
06/01/23	\$10,805.61	\$898.80	0.50%	\$11,704.41	\$359.52	\$12,063.93	\$348,713.97
12/01/23	\$10,832.62	\$871.78	0.50%	\$11,704.41	\$348.71	\$12,053.12	\$337,881.35
06/01/24	\$10,859.70	\$844.70	0.50%	\$11,704.41	\$337.88	\$12,042.29	\$327,021.64
12/01/24	\$10,886.85	\$817.55	0.50%	\$11,704.41	\$327.02	\$12,031.43	\$316,134.79
06/01/25	\$10,914.07	\$790.34	0.50%	\$11,704.41	\$316.13	\$12,020.54	\$305,220.72
12/01/25	\$10,941.36	\$763.05	0.50%	\$11,704.41	\$305.22	\$12,009.63	\$294,279.36
06/01/26	\$10,968.71	\$735.70	0.50%	\$11,704.41	\$294.28	\$11,998.69	\$283,310.65
12/01/26	\$10,996.13	\$708.28	0.50%	\$11,704.41	\$283.31	\$11,987.72	\$272,314.52
06/01/27	\$11,023.62	\$680.79	0.50%	\$11,704.41	\$272.31	\$11,976.72	\$261,290.90
12/01/27	\$11,051.18	\$653.23	0.50%	\$11,704.41	\$261.29	\$11,965.70	\$250,239.72
06/01/28	\$11,078.81	\$625.60	0.50%	\$11,704.41	\$250.24	\$11,954.65	\$239,160.91
12/01/28	\$11,106.51	\$597.90	0.50%	\$11,704.41	\$239.16	\$11,943.57	\$228,054.40
06/01/29	\$11,134.27	\$570.14	0.50%	\$11,704.41	\$228.05	\$11,932.46	\$216,920.13
12/01/29	\$11,162.11	\$542.30	0.50%	\$11,704.41	\$216.92	\$11,921.33	\$205,758.02
06/01/30	\$11,190.01	\$514.40	0.50%	\$11,704.41	\$205.76	\$11,910.17	\$194,568.01
12/01/30	\$11,217.99	\$486.42	0.50%	\$11,704.41	\$194.57	\$11,898.98	\$183,350.02
06/01/31	\$11,246.03	\$458.38	0.50%	\$11,704.41	\$183.35	\$11,887.76	\$172,103.99
12/01/31	\$11,274.15	\$430.26	0.50%	\$11,704.41	\$172.10	\$11,876.51	\$160,829.84
06/01/32	\$11,302.33	\$402.07	0.50%	\$11,704.41	\$160.83	\$11,865.24	\$149,527.51
12/01/32	\$11,330.59	\$373.82	0.50%	\$11,704.41	\$149.53	\$11,853.94	\$138,196.92
06/01/33	\$11,358.92	\$345.49	0.50%	\$11,704.41	\$138.20	\$11,842.61	\$126,838.00
12/01/33	\$11,387.31	\$317.10	0.50%	\$11,704.41	\$126.84	\$11,831.25	\$115,450.69
06/01/34	\$11,415.78	\$288.63	0.50%	\$11,704.41	\$115.45	\$11,819.86	\$104,034.91
12/01/34	\$11,444.32	\$260.09	0.50%	\$11,704.41	\$104.03	\$11,808.44	\$92,590.59
06/01/35	\$11,472.93	\$231.48	0.50%	\$11,704.41	\$92.59	\$11,797.00	\$81,117.66
12/01/35	\$11,501.61	\$202.79	0.50%	\$11,704.41	\$81.12	\$11,785.53	\$69,616.04
06/01/36	\$11,530.37	\$174.04	0.50%	\$11,704.41	\$69.62	\$11,774.02	\$58,085.67
12/01/36	\$11,559.19	\$145.21	0.50%	\$11,704.41	\$58.09	\$11,762.49	\$46,526.48
06/01/37	\$11,588.09	\$116.32	0.50%	\$11,704.41	\$46.53	\$11,750.93	\$34,938.39
12/01/37	\$11,617.06	\$87.35	0.50%	\$11,704.41	\$34.94	\$11,739.35	\$23,321.33
06/01/38	\$11,646.10	\$58.30	0.50%	\$11,704.41	\$23.32	\$11,727.73	\$11,675.22
12/01/38	\$11,675.22	\$29.19	0.50%	\$11,704.41	\$11.68	\$11,716.08	\$0.00
Totals	\$445,000.00	\$23,176.33		\$468,176.33	\$9,270.53	\$477,446.86	

Water Works Revenue Bond 2020A ISSUE LOAN

				Principal Term	\$1,850,000 40
Annual Pa	avment	\$81,661		Interest Rate	40 3.125%
Annual Fa	ayment	φ01,001		Interest Nate	5.12570
	PMT.				
YEAR	NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
2020	1	\$81,661	\$57,813	\$24,000	\$1,826,000
2021	2	81,661	57,063	25,000	1,801,000
2022	3	81,661	56,281	25,000	1,776,000
2023	4	81,661	55,500	26,000	1,750,000
2024	5	81,661	54,688	27,000	1,723,000
2025	6	81,661	53,844	28,000	1,695,000
2026	7	81,661	52,969	29,000	1,666,000
2027	8	81,661	52,063	30,000	1,636,000
2028	9	81,661	51,125	31,000	1,605,000
2029	10	81,661	50,156	32,000	1,573,000
2030	11	81,661	49,156	33,000	1,540,000
2031	12	81,661	48,125	34,000	1,506,000
2032	13	81,661	47,063	35,000	1,471,000
2033	14	81,661	45,969	36,000	1,435,000
2034	15	81,661	44,844	37,000	1,398,000
2035	16	81,661	43,688	38,000	1,360,000
2036	17	81,661	42,500	39,000	1,321,000
2037	18	81,661	41,281	40,000	1,281,000
2038	19	81,661	40,031	42,000	1,239,000
2039	20	81,661	38,719	43,000	1,196,000
2040	21	81,661	37,375	44,000	1,152,000
2041	22	81,661	36,000	46,000	1,106,000
2042	23	81,661	34,563	47,000	1,059,000
2043	24	81,661	33,094	49,000	1,010,000
2044	25	81,661	31,563	50,000	960,000
2045	26	81,661	30,000	52,000	908,000
2046	27	81,661	28,375	53,000	855,000
2047	28	81,661	26,719	55,000	800,000
2048	29	81,661	25,000	57,000	743,000
2049	30	81,661	23,219	58,000	685,000
2050	31	81,661	21,406	60,000	625,000
2051	32	81,661	19,531	62,000	563,000
2052	33	81,661	17,594	64,000	499,000
2053	34	81,661	15,594	66,000	433,000
2054	35	81,661	13,531	68,000	365,000
2055	36	81,661	11,406	70,000	295,000
2056	37	81,661	9,219	72,000	223,000
2057	38	81,661	6,969	75,000	148,000
2058	39	81,661	4,625	77,000	71,000
2059	40	81,661	2,219	71,000	0
тот	ALS	\$3,266,425	\$1,410,875	\$1,850,000	

Water Works Revenue Bond 2020B ISSUE LOAN

				Principal Term	\$275,000 40
Annual Pa	ayment	\$10,499		Interest Rate	2.250%
YEAR	PMT. NO	TOTAL	INTEREST	PRINCIPAL	BALANCE
2020	1	\$10,499	\$6,188	\$4,000	\$271,000
2021	2	10,499	6,098	4,000	267,000
2022	3	10,499	6,008	4,000	263,000
2023	4	10,499	5,918	5,000	258,000
2024	5	10,499	5,805	5,000	253,000
2025	6	10,499	5,693	5,000	248,000
2026	7	10,499	5,580	5,000	243,000
2027	8	10,499	5,468	5,000	238,000
2028	9	10,499	5,355	5,000	233,000
2029	10	10,499	5,243	5,000	228,000
2030	11	10,499	5,130	5,000	223,000
2031	12	10,499	5,018	5,000	218,000
2032	13	10,499	4,905	6,000	212,000
2033	14	10,499	4,770	6,000	206,000
2034	15	10,499	4,635	6,000	200,000
2035	16	10,499	4,500	6,000	194,000
2036	17	10,499	4,365	6,000	188,000
2037	18	10,499	4,230	6,000	182,000
2038	19	10,499	4,095	6,000	176,000
2039	20	10,499	3,960	7,000	169,000
2040	21	10,499	3,803	7,000	162,000
2041	22	10,499	3,645	7,000	155,000
2042	23	10,499	3,488	7,000	148,000
2043	24	10,499	3,330	7,000	141,000
2044	25	10,499	3,173	7,000	134,000
2045	26	10,499	3,015	7,000	127,000
2046	27	10,499	2,858	8,000	119,000
2047	28	10,499	2,678	8,000	111,000
2048	29	10,499	2,498	8,000	103,000
2049	30	10,499	2,318	8,000	95,000
2050	31	10,499	2,138	8,000	87,000
2051	32	10,499	1,958	9,000	78,000
2052	33	10,499	1,755	9,000	69,000
2053	34	10,499	1,553	9,000	60,000
2054	35	10,499	1,350	9,000	51,000
2055	36	10,499	1,148	9,000	42,000
2056	37	10,499	945	10,000	32,000
2057	38	10,499	720	10,000	22,000
2058	39	10,499	495	10,000	12,000
2059	40	10,499 \$419,951	270 \$146.093	12,000 \$275,000	0
тот	ALO	\$419,951	\$146,093	\$275,000	

APPENDIX B

Excerpt from the 2018 Financial Audit of the:

Laurel County Water District No. 2

Laurel County Water District No. 2 Statements of Revenues, Expenses and Changes in Net Position For the Years Ended December 31, 2018 and 2017

Onersting Devenues	<u>2018</u>	<u>2017</u>
Operating Revenues	¢ 0.045.460	¢ 0.076.405
Water sales	\$ 2,315,469 109,614	\$ 2,276,435 108,299
Service charges	26,445	19,666
Tap fees Penalties	46,674	46,298
Other revenues	13,904	7,323
Other revenues	13,904	1,323
Total Operating Revenues	2,512,106	2,458,021
Operating Expenses		
Salaries and wages	846,896	779,117
Employee benefits	880,391	712,615
Purchased water	15	799
Purchased power	153,454	149,329
Utilities	17,070	16,013
Chemicals	64,926	48,973
Materials and supplies	68,172	83,527
Contracted services	73,890	68,586
Vehicle and equipment expenses	26,701	28,841
Insurance	22,420	22,333
Bad debt expense, net of recoveries	25,259	15,217
	452,493	439,850
Amortization	282	2,018
Other operating expenses	88,067	86,279
Total Operating Expenses	2,720,036	2,453,497
Operating Income (Loss)	(207,930)	4,524
Non-operating Revenues (Expenses)		
Interest income	3,192	3,122
Grant revenue	891,712	-
Rental income	14,665	15,062
Gain (loss) on disposition of equipment	13,179	2,800
Interest expense	(331,775)	(325,823)
Total Non-operating Revenues (Expenses)	590,973	(304,839)
Change in Net Position	383,043	(300,315)
Beginning Net Position (as previously reported)	6,596,910	7,301,764
Prior period adjustment		(404,539)
Beginning Net Position (as restated)	6,596,910	6,897,225
Net Position, End of Year	\$ 6,979,953	\$ 6,596,910

APPENDIX C

Replacement Reserves - Short Lived Assets

Replacement Reserves - Short Lived Assets				
Type of Reserve	User Description	Replacement Cost	Reserve on Hand	Annual Reserve
1-5 Years	Computers and Office Equipment	\$15,000	\$0	\$3,000
1-5 Years				0
1-5 Years				0
Subtotal 1-5 Years				\$3,000
	-			
5-10 Years	Service Pickup Truck	\$25,000	\$0	\$2 <i>,</i> 500
5-10 Years	Backhoe	75,000	0	7,500
5-10 Years	Miscellaneous Equipment	25,000	0	2,500
Subtotal 5-10 Years				\$12,500
10-15 Years	Storage Tank Maintenance	\$200,000	\$0	\$13,333
10-15 Years	Pump Station Maintenance	25,000	0	1,667
10-15 Years	WTP Equipment & Controls	100,000	0	6,667
Subtotal 10-15 Years				\$21,667
Replacement Reserves - Short Lived Assets				\$37,167