KENTUCKY GUIDE 7 MAY 1998

SUMMARY ADDENDUM

ТО

PRELIMINARY ENGINEERING REPORT

DATED July 2020 - Revised 2-12-2021

FOR

Morgan Co. Water District <u>Waterline Replacement Project</u> (Name of Project)

APPLICANT CONTACT PERSON Shannon Elam, Mgr; Chernell Holbrook, Office Mgr

APPLICANT PHONE NUMBER

(606) 743-1204

APPLICANT TAX IDENTIFICATION NUMBER (TIN)

ITEMS IN BOLD ITALIC PRINT ARE APPLICABLE TO SEWER SYSTEMS.

In order to avoid unnecessary delays in 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 proposed project consists of rehabilitating one existing duplex pump station and replacing leaking or compromised waterlines. The goal of this project is to reduce the amount of unaccounted for water. The District purchases all of the water they sell, so this is vital to shore up their net revenues and financial stability.

II. FACILITY CHARACTERISTICS OF EXISTING SEWER SYSTEM

	<u>Type</u>
2.	Method of Sludge Disposal
3.	Cost per 1,000 gallons if sewage treatment is contracted:
	8
4	Date Constructed
L2.A.	
B. T	reatment Capacity of Sewage Treatment Plant
3. T	
<i>C. T</i>	ype of Sewage Collector System (Describe)
<u>C. T</u>	ype of Sewage Conector System (Describe)

E. Sewage Collection System:

Lineal Feet of Collector Lines, by size 6" 8"

10" 12" , Larger ____

Date(s) Constructed

F. Conditions of Existing System: Briefly describe the conditions 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.

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 Water Purchase Contract if applicable.

If the applicant purchases water:

Seller(s):

- 1. Cave Run Water Commission (CRWC)
- 2. <u>City of West Liberty (WL)</u>
- 3.

Price/1,000 gallons:

- 1. <u>CRWC \$2.57</u>
- 2. <u>WL \$3.08</u>
- 3. _____

Present Estimated Market Value of Existing System: \$ ______17.6 M

B. Water Storage:

Type: Ground Storage Tank	Elevated Tank
Standpipe X	Other
Number of Storage Structures	7
Total Storage Volume Capacity	<u>932,000 gallons</u>
Date Storage Tank(s) Constructed	See Appendix "C" of the PER

C. Water Distribution System:

Pipe Material	See Appendix "C" of the PER	
Lineal Feet of Pipe: 3" Diamet	ter 4"	
6"		
10"	12"	
Date(s) Water Lines Constructe	ed	
Number and Capacity of Pump	Station(s) <u>6</u>	
<u>S</u>	ee Appendix "C" of the PER	

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.

Some waterlines need to be replaced as a means to reduce the large amount of water loss the District is experiencing. This is vital to their financial stability since they purchase all of the water they sell.

E. Percentage of Water Loss Existing System ______ 44% (Ref WRIS)

IV. EXISTING LONG-TERM INDEBTEDNESS See pages 14 thru 22 of the Audit Year Ending 12/31/2017 and 12/31/2016

A. List of Bonds and Notes:

Date of Issue	Bond/Note <u>Holder</u>	Principal <u>Balance</u>	Payment <u>Date</u>	Bond Type Water/Sewer*	Amount on Deposit in <u>Reserve Account</u>
19 Issue		<u>\$</u>	2007-000-000	%	_%
19 Issue	<u></u>	\$		%	_%
19 Issue		<u>\$</u>	<u></u>	%	_%
19Issue		\$		%	_%
19 Issue	<u></u>	<u> </u>		%	_%

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

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

		Payment Year 19		Payment Year 19		Payment Year 19	
Date of Issue	Bond/Note <u>Holder</u>	Principal	Interest Payment	Principal <u>Payment</u>	Interest	Principal	
19 Issue 19 Issue							
19 Issue							
19Issue		<u> </u>					
19 Issue							
19Issue					·····		

V. EXISTING SHORT-TERM INDEBTEDNESS

See Audit referenced in item IV above.

A. List of All Short Term Debts: (Do Not Show Any Debt Listed in Paragraph IV Above)

Lender <u>or Lessor</u>	Date of Issue <u>(Month & Year)</u>	Principal <u>Balance</u>	Purpose (Water and/ <u>or Sewer)</u>	Payment <u>Date</u>	Principal & Interest <u>Payment (P&I)</u>	Date to Be Paid <u>In Full</u>
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. <u> </u>				,		
·····			<i>,</i>	·		

VI. LAND AND RIGHTS - EXISTING SYSTEM(S)

Number of Treatment Plant Sites:	Water	0	Sewer		
Number - Storage Tank Sites Wate	er <u>8 (1 al</u>	oandoned, 7 in use]	PER App. (<u>C) S</u>	ewer
Number of Pump Stations:	Water	14 (8 abandoned,	<u>6 in use Ap</u>	<u>р. С)</u> Sa	ewer
Total Acreage:	Water	Est 12 A	cres	Sewer	Acres
Purchase Price:	Water	\$??	_	Sewer	<u>\$</u>

VII. NUMBER OF EXISTING USERS

	Water	Sewer
Residential (In Town) *	<u>0</u>	
Residential (Out of Town) *	<u>2800</u>	
Non-Residential (In Town)	<u>0</u>	
Non-Residential (Out of Town)	<u>19</u>	
Total	<u>2819</u>	
Number to Total Potential Users Living in the Service Area	4100	

^{*}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 residence.

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

METER CONNECTION

Meter Size	Water Connection Fee	Sewer Connection Fee
5/8" x 3/4"	<u>\$</u> 750.	<u>8</u>
<u>1 - Inch</u>	<u>\$ 1000.</u>	\$

IX. SEWER RATES - EXISTING SYSTEM

Percentage of Water Bill ______% Minimum Charge \$

Other: (If Charge Not Based on Water Bill)

Date This Rate Went Into Effect

X. WATER RATES - EXISTING SYSTEM

Existing Rate Schedule:

First	2000	Gallons @ \$ <u>25.42</u>	Minimum.
Next	3000	Gallons @ \$	per 1,000 Gallons.
Next	5000	Gallons @ \$ <u>8.72</u>	per 1,000 Gallons.
Next	5000	Gallons @ \$ <u>8.03</u>	per 1,000 Gallons.
Next		Gallons @ \$	per 1,000 Gallons.
Next		Gallons @ \$	per 1,000 Gallons.
All Over	<u>15000</u>	Gallons @ \$ <u>7.34</u>	per 1,000 Gallons.
Date This	Rate Went Int	o Effect PSC Order Effective	e 10/01/18 PER App. D <mark>.</mark>

If More Than One Rate Schedule, Please Include All Schedules.

XI. ANALYSIS OF ACTUAL SEWER USAGE - EXISTING SYSTEM - 12 MONTH PERIOD

to .

For Period

4	装着 高筋	M	

<u>Sizes</u>	<u>Monthly Sewer</u>	<u>Usage</u>	<u>Average</u>	<u>Residential</u> No. of Usage Users (1000)	<u>Non-Residential</u> No. of Usage Users (1000)
	0 - 2,000	Gallons	1,000		
	2,000 - 3,000	Gallons	2,500		
	3,000 - 4,000	Gallons	3,500		
	4,000 - 5,000	Gallons	4,500		
	5,000 - 6,000	Gallons	5,500		
	6,000 - 7,000	Gallons	6,500		
	7,000 - 8,000	Gallons	7,500		
	8,000 - 9,000	Gallons	8,500		
	9,000 - 10,000	Gallons	9,500		
	10,000 - 11,000	Gallons	10,500		
	11,000 - 12,000	Gallons	11,500		
	12,000 - 13,000	Gallons	12,500		
	13,000 - 14,000	Gallons	13,500		
	14,000 - 15,000	Gallons	14,500		
	15,000 - 16,000	Gallons	15,500		
	16,000 - 17,000	Gallons	16,500		
	17,000 - 18,000	Gallons	17,500		
	18,000 - 19,000	Gallons	18,500		
ensereret.	19,000 - 20,000	Gallons	19,500		
		Gallons			
	<u> 1996 - Space</u>	Gallons			
		Gallons			
	Michael Providence and		Total	()()	())))))))))))))))))))))))))))))))))))
		Av	erage Usage	()	()

XII. <u>ANALYSIS OF ACTUAL WATER USAGE - EXISTING SYSTEM - 12 MONTH</u> <u>PERIOD</u>

See Appendix "D" of the PER for the water usage and income generated for each meter

size.

For Period ______ to _____.

Sizes	Mon	thl	y Water	Usage	Average	Resid	ential	Non-Res	sidential
01200	<u>11101</u>		<u>j nator</u>	obugo	<u>xrrorugo</u>	No. of	Usage	No. of	Usage
						Users	(1000)	Users	(1000)
						00000	(1000)		()
	0		2,000	Gallons	1,000				
	2,000	-	3,000	Gallons	2,500				
	3,000	-	4,000	Gallons	3,500				
	4,000	-	5,000	Gallons	4,500				
	5,000	-	6,000	Gallons	5,500				
	6,000	-	7,000	Gallons	6,500				
	7,000	-	8,000	Gallons	7,500				
	8,000	-	9,000	Gallons	8,500	<u> </u>			
	9,000	-	10,000	Gallons	9,500				
	10,000	-	11,000	Gallons	10,500			.	
	11,000	-	12,000	Gallons	11,500				
	12,000	-	13,000	Gallons	12,500				
	13,000	-	14,000	Gallons	13,500				
	14,000	-	15,000	Gallons	14,500				
	15,000		16,000	Gallons	15,500				
	16,000		17,000	Gallons	16,500		·		
	17,000	-	18,000	Gallons	17,500				
	18,000		19,000	Gallons	18,500				
	19,000	-	20,000	Gallons	19,500			·	
	,		,	Gallons					
		-		Gallons				·	
		-		Gallons					
					Total	()()	()()
				A	verage Usage	()	()
						·			
		7	Fotal Wa	ter Purchas	ed and/or Produ	uced _			

Total Water Sold

XIII. FACILITY CHARACTERISTICS OF PROPOSED SEWER SYSTEM

A. Sewage Treatment:

1. Type

2. Method of Sludge Disposal

Cost per 1,000 gallons if sewage treatment is contracted:
 \$

B. Treatment Capacity of Sewage Treatment Plant

C. Type of Sewage Collector System (Describe)

D. Number and Capacity of Sewage Lift Stations

E. Sewage Collection System:

Lineal Feet of Collector Lines, by size 6" ______ 8" _____

, Larger

10" 12"

XIV. LAND AND RIGHTS - PROPOSED SEWER SYSTEM

Number of Treatment Plant Sites
Number of Pump Sites
Number of Other Sites
Total Acreage Acres
Purchase Price §

XV. FACILITY CHARACTERISTICS OF PROPOSED WATER SYSTEM

	A.	 A. Water Source: Describe adequacy of source (quality and quantity). Inclue explanation of raw water source, raw water intake structure, treatment pla and current level of production (WTP). Also describe the adequacy of W Purchase Contract if applicable. Source – Good 						
			nts. Desired Goal is to reduce amount purchased.					
	B.	Water Storage:						
		Type: Ground Storage Tank	Elevated Tank					
		Standpipe	Other					
		Number of Storage Structures						
		Total Storage Volume Capacity						
	C.	Water Distribution System: Rep	place existing leaking/comprimised waterlines					
		Pipe Material PVC	<u>class 250 psi</u>					
		Lineal Feet of Pipe: 3" Diamete	r 4" <u>4 miles</u>					
		6" <u>4 m</u>	<u>niles 8"2 miles</u>					
			12"					
		Number and Capacity of Pump S	Station(s) <u>Rehabilitate 1 existing PS Chlorine</u>					
<u>room</u>								
XVI.	LA	AND AND RIGHTS - PROPOSEI	D WATER SYSTEM No Additional Land Needed					
	Nι	umber of Treatment Plant Sites						
	Nι	umber of Pump Sites						
	Nι	umber of Other Sites						
	Τc	tal Acreage	Acres					
	Pu	rchase Price	<u>\$</u>					

(11)

XVII. <u>NUMBER OF NEW SEWER USERS</u>

Residential (In Town) *

Residential (Out of Town) *

Non-Residential (In Town)

Non-Residential (Out of Town)

Total

Number to 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.

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

Meter Size Connection Fee

<u>5,</u>	/8" <u>x 3/4"</u>		<u>\$</u>
	<u>1 - Inch</u>		<u>\$</u>
1	1-1/2 Inch		<u>\$</u>
	<u>2 - Inch</u>		<u>\$</u>
	<u>3 - Inch</u>		<u>\$</u>
	4 - Inch		<u>\$</u>
lag at an an an a tarihi da an an	5 - Inch		<u>\$</u>
	6 - Inch	e ene encod	\$

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

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

PROPOSED WATER CONNECTION FEES FOR EACH SIZE WATER METER XX. CONNECTION:

Meter Size	Connection Fee
<u>5/8" x 3/4"</u>	\$
<u>1 - Inch</u>	\$
<u>1-1/2 Inch</u>	<u>\$</u>
<u>2 - Inch</u>	\$
<u>3 - Inch</u>	\$
<u>4 - Inch</u>	\$
<u>5 - Inch</u>	\$
<u>6 - Inch</u>	\$

XXI. <u>SEWER RATES - PROPOSED</u>

A. Proposed Rate Schedule without RUS Grant:

Percentage of Water Bill ______% Minimum Charge \$

Other: (If Charge Not Based on Water Bill)

Proposed Rate Schedu	le: (Without RUS Grant)	
First	_ Gallons @ \$	Minimum.
Next	_ Gallons @ \$	per 1,000 Gallons.
Next	Gallons @ \$	per 1,000 Gallons.
Next	_ Gallons @ \$	per 1,000 Gallons.
Next	Gallons @ \$	per 1,000 Gallons.
Next	Gallons @ \$	per 1,000 Gallons.
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 objection 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:

Percentage of Water Bill ______ % Minimum Charge \$ ____

Other: (If Charge Not Based on Water Bill)

Recommended Rate Schedule: (With RUS Grant)

First Gallons @ \$	Minimum.
Next Gallons @ \$	per 1,000 Gallons.
Next Gallons @ \$	per 1,000 Gallons.
Next Gallons @ \$	per 1,000 Gallons.
Next Gallons @ \$	per 1,000 Gallons.
Next Gallons @ \$	per 1,000 Gallons.
All Over Gallons @ \$	per 1,000 Gallons.

If more than one rate, use additional sheets.

XXII. WATER RATES - PROPOSED

See Appendix "D" of the PER for this information.

A. Proposed Rate Schedule without RUS Grant:

First	 Gallons @ \$	Minimum.
Next	 Gallons @ \$	per 1,000 Gallons.
Next	 Gallons @ \$	per 1,000 Gallons.
Next	 Gallons @ \$	per 1,000 Gallons.
Next	 Gallons @ \$	per 1,000 Gallons.
Next	 Gallons @ \$	per 1,000 Gallons.
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 objection 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:

First		Gallons @ \$	Minimum.
Next		Gallons @ \$	per 1,000 Gallons.
Next		Gallons @ \$	per 1,000 Gallons.
Next		Gallons @ \$	per 1,000 Gallons.
Next	·······	Gallons @ \$	per 1,000 Gallons.
Next		Gallons @ \$	per 1,000 Gallons.
All Over		Gallons @ \$	per 1,000 Gallons.

If more than one rate, use additional sheets.

XXIII. <u>FORECAST OF SEWER USAGE - INCOME - EXISTING SYSTEM - EXISTING</u> <u>USERS</u>

Meter Size*	Average Monthly Sewer Usage Average Rate	Residential	Non-Residential
		No. of Usage Income Users** (1000)	No. of Usage Income Users (1000)
6.6.4	0 - 2,000 Gallons 1,000		
	2,000 - 3,000 Gallons 2,500		
	3,000 - 4,000 Gallons 3,500	는 것이 아이지 않는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있다. 같은 것이 있는 것이 같은 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 없다. 것이 있는 것이 있는 것이 없는	
	4,000 - 5,000 Gallons 4,500		
	5,000 - 6,000 Gallons 5,500		
	6,000 - 7,000 Gallons 6,500		
	7,000 - 8,000 Gallons 7,500		tran las da sasu
	8,000 - 9,000 Gallons 8,500		
	9,000 - 10,000 Gallons 9,500		
5/8	10,000 - 11,000 Gallons 10,500		
x.	11,000 - 12,000 Gallons 11,500	a line and a strength with the same spin	
3/4	12,000 - 13,000 Gallons 12,500		
Inch.	13,000 - 14,000 Gallons 13,500		Service and the service of the servi
	14,000 - 15,000 Gallons 14,500		
	15,000 - 16,000 Gallons 15,500		
	16,000 - 17,000 Gallons 16,500		
Cold States and States	17,000 - 18,000 Gallons 17,500		
	18,000 - 19,000 Gallons 18,500		
	19,000 - 20,000 Gallons 19,500		MENSAL DEBIELDE SAL DES ANTAL SAL
	- Gallons		
	- Gallons		
_	- Gallons		
	Sub-Total	$\overline{()}\overline{()}\overline{()}$	$\overline{()}\overline{()}\overline{()}\overline{()}$
	Average Monthly Rate (an a na
	Average Monthly Usage		(

* Breakdown of meter size usage is <u>not</u> required unless different sewer rates are charged based on size of water meter.

	- Gallons				
	- Gallons				and the second sec
1-	- Gallons				
Inch	- Gallons				
	- Gallons				
	- Gallons			ne too ne dia perioda 1916 Internetina	
	Sub-Total	()()) ()	()()

	-	Gallons						
	-	Gallons						
1-1/2	-	Gallons						
Inch	-	Gallons						
	-	Gallons						
	-	Gallons						
		Sub-Total	()	()(<u> </u>	()	()	()

	-	Gallons				
	-	Gallons				
2-	-	Gallons				
Inch	-	Gallons				
	-	Gallons				
	-	Gallons				
		Sub-Total	() () () (

	-	Gallons							
	-	Gallons							
3-	_	Gallons							
Inch	-								
	-	Gallons							
	-	Gallons							
		Sub-Total	(()(() () ()(<u> </u>	()

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	Gallons		<u></u>	
4	Gallons		-	
Inch	Gallons			
	Gallons			
	Gallons			
	Sub-Total	()())()()

* Breakdown of meter size usage is <u>not</u> required unless different sewer rates are charged based on size of water meter.

		Gallons				0.33.8	ana dua a	
	-	Gallons						
5-	-	Gallons						
Inch		Gallons						
	0 - 00000	Gallons						
	-	Gallons						
		Sub-Total	()	()	()	\bigcirc	\bigcirc	\bigcirc

	_	Gallons	0.0500		0.200			
		Gallons						
6-	-	Gallons						
Inch	-	Gallons						
	_	Gallons					0.000	-
	-	Gallons						
		Sub-Total	$\overline{()}$)	$\overline{()}$
		TOTALS	1	()	()	() (

MULTI-FAMILY AND APARTMENT USER ANALYSIS

If billed as a typical user, the information should be included in the residential information above. If not billed as a typical residential user, please explain below.

Name <u>of Unit</u>	Number <u>of Units</u>	Number <u>of Meters</u>	<u>C</u>	Revenue alculations	
	andra da antes da antes 1999 - Antes Antes da Antes da 1999 - Antes da Antes				No.
		nana pinana ang ing Ngangkana pinang pinan			100 100 100 100 100 100 100 100 100 100
					0.242 miles

* Breakdown of meter size usage is <u>not</u> required unless different sewer rates are charged based on size of water meter.

XXIV. <u>FORECAST OF SEWER USAGE - INCOME - NEW USERS - EXTENSION ONLY</u>

Meter Average	
Size* Monthly Sewer Usage Average Rate	<u>Residential</u> <u>Non-Residential</u>
	No. of Usage Income No. of Usage Income
	Users** (1000) Users (1000)

0 - 2,000 Gallons 1,000				
2,000 - 3,000 Gallons 2,500				
3,000 - 4,000 Gallons 3,500				
4,000 - 5,000 Gallons 4,500				
5,000 - 6,000 Gallons 5,500				
6,000 - 7,000 Gallons 6,500				
7,000 - 8,000 Gallons 7,500				
8,000 - 9,000 Gallons 8,500			<u>.</u>	
9,000 - 10,000 Gallons 9,500	a			
5/8 10,000 - 11,000 Gallons 10,500				
x 11,000 - 12,000 Gallons 11,500	-			
3/4 12,000 - 13,000 Gallons 12,500				
Inch 13,000 - 14,000 Gallons 13,500				
14,000 - 15,000 Gallons 14,500				
15,000 - 16,000 Gallons 15,500 16,000 - 17,000 Gallons 16,500				
17,000 - 18,000 Gallons 10,500			<u> </u>	
18,000 - 19,000 Gallons 18,500				
19,000 - 20,000 Gallons 19,500	-			
- Gallons				
- Gallons				
- Gallons	-			
Sub-Total	())($\overline{)}$	()
Average Monthly Rate (
Average Monthly Usage		()	()

Breakdown of meter size usage is <u>not</u> required unless different sewer rates are charged based on size of water meter.

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

*

	Gallons				
	Gallons				
1	Gallons	a service and the	NACES STREET		
Inch -	Gallons				
41616 <mark>310 310 - 0</mark>	Gallons	1990 (S. 1997) (S. 1997)			
	Gallons				
	Sub-Total		$\overline{()}$	$\overline{)}$	()

-	Gallons			
	Gallons			
1-1/2	Gallons			
Inch	Gallons			
	Gallons			
	Gallons			
	Sub-Total	()) () () ()	

	- Gallons				
	Gallons				
2	Gallons				
Inch	Gallons				
<u> </u>	Gallons				
	Gallons				
	Sub-Total	($\left(\right) \left(\right) \left(\right)$) () ()()

	-	Gallons				
	-	Gallons				
3-	-	Gallons				
Inch	-	Gallons				
		Gallons				
	-	Gallons				
		Sub-Total	()()	())() ()

	_	Gallons						
	-	Gallons		100.00				
4-	_	Gallons						
Inch		Gallons						
		Gallons						
	-	Gallons						
		Sub-Total	()	()	()	()) ()	()

* Breakdown of meter size usage is <u>not</u> required unless different sewer rates are charged based on size of water meter.

	Gallons
	Gallons
5	_Gallons
Inch	_Gallons
	_Gallons
	_Gallons
	Sub-Total ()()()()()

	-	Gallons							
	-	Gallons							
6-	-	Gallons							
Inch	-	Gallons							
	-	Gallons							
	-	Gallons							
1929 3 2 2		Sub-Total	Service -	()	()()	()())()
		TOTALS		()	()()	()()()

MULTI-FAMILY AND APARTMENT USER ANALYSIS

If billed as a typical user, the information should be included in the residential information above. If not billed as a typical residential user, please explain below.

Name <u>of Unit</u>	Number of Meters		Revenue <u>Calculations</u>	
		et marine en plectre en		

* Breakdown of meter size usage is <u>not</u> required unless different sewer rates are charged based on size of water meter.

XXV. <u>FORECAST OF WATER USAGE - INCOME - EXISTING SYSTEM - EXISTING</u> USERS

See Appendix "D" of the PER for this information.

Meter	x	Average						
Size*	Monthly Sewer Usage	Average Rate		Reside			on-Resid	lential
					Income			Income
			Users**	(1000)		Users	(1000)	
		1 0 0 0						
	0 - 2,000 Gallons	1,000						
	2,000 - 3,000 Gallons	/				<u>.</u>	<u> </u>	<u> </u>
	3,000 - 4,000 Gallons							
	4,000 - 5,000 Gallons							
	5,000 - 6,000 Gallons	· · · · · · · · · · · · · · · · · · ·				<u></u>		
	6,000 - 7,000 Gallons	6,500						
	7,000 - 8,000 Gallons	7,500	<u> </u>					
	8,000 - 9,000 Gallons	8,500				<u></u>		
	9,000 - 10,000 Gallons	9,500						
5/8	10,000 - 11,000 Gallons 1	10 600						
х	11,000 - 12,000 Gallons							
3/4	12,000 - 13,000 Gallons	12,500						
Inch	13,000 - 14,000 Gallons					<u> </u>		
	14,000 - 15,000 Gallons	1 1 200						
	15,000 - 16,000 Gallons 1	15 500			<u></u>	<u></u>	<u> </u>	
	16,000 - 17,000 Gallons	1 6 800				·		
	17,000 - 18,000 Gallons 1							
	18,000 - 19,000 Gallons 1	10 200					·	
	19,000 - 20,000 Gallons 1	10 000			<u> </u>			
	- Gallons							
-	- Gallons							·
-	- Gallons			·	·			
	·····	-Total	$\overline{()}$	$\overline{()}$	$\overline{()}$	$\overline{()}$	$\overline{()}$	$\overline{()}$
	Average Monthl		`/	·	·/	,/	·/	·
	Average Monthly	*			\square			\bigcirc

- * Breakdown of meter size usage is <u>not</u> required unless different water rates are charged based on size of water meter.
- ** Number of users should reflect the actual number of "meter settings".

	- Gallons			. <u></u>				
	Gallons						·	
1-	Gallons						······································	
Inch	Gallons						······	
	Gallons						.	
	Gallons							
	Sub-Total	(_)(_		_) (_	_)(_)
	Gallons						······	
	Gallons	· · · · · · · · · · · · · · · · · · ·						
1-1/2	Gallons		·····					
Inch	Gallons	. <u> </u>	·····					
	Gallons							
	Gallons							
	Sub-Total	(_)(_	_)(_) (\square	_)(_)
	Gallons							
2-	Gallons		······					
Inch	Gallons							
	Gallons							
	Gallons							
	Sub-Total	(_)(_	_)(_) (_)(_	_)(_)
	Gallons						······································	
	Gallons							
3-	Gallons		 . <u></u>					
Inch	Gallons							
	Gallons							
	Sub-Total	(_)(_)(_) (_)(
	- Gallons							
	- Gallons							
4-	Gallons							
Inch	Gallons		<u></u>					
	- Gallons							
	Sub-Total	(_)(_	_)(_		_)(_	()

* Breakdown of meter size usage is <u>not</u> required unless different water rates are charged based on size of water meter.

<u>2-inch meters</u>	3-inch meters	6-inch meters
Rod & Staff Club	City of Campton	Wrigley Elem. Sch
Chop House	Morgan Central Sch.	
Woodsbend Boys Camp		
Elem. Sch. x 2		
Trailer Park		

		Gallons							
_		Gallons							
5	_	Gallons							
Inch_		Gallons							
-		Gallons							
-		Gallons							
		Sub-Total							
	-	Gallons							
		Gallons			<u>.</u>				
6-	-	Gallons							
Inch_		Gallons		_					
-		Gallons							
_		Gallons							
		Sub-Total	()(_)(_) (_)(_	_)(_)
		TOTALS	()()(\square)

MULTI-FAMILY AND APARTMENT USER ANALYSIS

If billed as a typical user, the information should be included in the residential information above. If not billed as a typical residential user, please explain below.

Name <u>of Unit</u>		Number <u>of Meters</u>	Revenue <u>Calculations</u>
	<u></u>	<u></u>	
		<u></u>	
·			
· · · · · · · · · · · · · · · · · · ·			
		·····	

- * Breakdown of meter size usage is <u>not</u> required unless different water rates are charged based on size of water meter.
- ** Number of users should reflect the actual number of "meter settings".

XXVI. <u>FORECAST OF WATER USAGE - INCOME - NEW USERS - EXTENSION ONLY</u> No New users as a result of this project

Meter				A	verage						
Size*	<u>Montl</u>	nly Sewer	Usage	Average	Rate		Reside	ntial	N	lon-Resi	dential
							<u> </u>	Income	No. of	Usage	Income
						Users**	(1000)		Users	(1000)	
	0	- 2,000	Gallons	1,000 _				1 01111			<u></u>
	2,000	- 3,000	Gallons	2,500 _							·····
	3,000	- 4,000	Gallons	3,500							<u></u>
	4,000	- 5,000	Gallons	4,500		. <u> </u>		. <u> </u>			·
	5,000	- 6,000	Gallons	5,500				B			<u></u>
	6,000	- 7,000	Gallons	6,500							. <u></u>
	7,000	- 8,000	Gallons	7,500 _							. <u></u>
	8,000	- 9,000	Gallons	8,500							. <u></u>
	9,000	- 10,000	Gallons	9,500 _							<u> </u>
5/8	10,000	- 11,000	Gallons	10,500				·			<u></u>
Х	11,000	- 12,000	Gallons	11,500 _							<u></u>
3/4	12,000	- 13,000	Gallons	12,500							
Inch	13,000	- 14,000	Gallons	13,500		<u></u>					
	14,000	- 15,000	Gallons	14,500				· .			
	15,000	- 16,000	Gallons	15,500							
	16,000	- 17,000	Gallons	16,500							
	17,000	- 18,000	Gallons	17,500							
	18,000	- 19,000	Gallons	18,500							
	19,000	- 20,000	Gallons	19,500							
		-	Gallons								
		-	Gallons	5							
-		-	Gallons	; ·							
-			Su	b-Total		$\overline{()}$	$\overline{()}$	()	\bigcirc		\square
		Average	e Month	ly Rate ()						
		Average I	Monthly	v Usage				$(\)$			\bigcirc

* Breakdown of meter size usage is <u>not</u> required unless different sewer rates are charged based on size of water meter.

	Gallons							
	Gallons							
1-	- Gallons							
Inch	- Gallons							
	Gallons							
	- Gallons							
	Sub-Total	(_)(_	
	- Gallons							
	- Gallons							
1-1/2	Gallons							
Inch	Gallons							
	Gallons							
	Gallons	· ·						
	Sub-Total	(_)(_	_)(_) (_)(_	_)(_	
	Gallons							
	- Gallons					<u></u>		
2-	- Gallons							
Inch	Gallons							
	- Gallons							
	- Gallons							
	Sub-Total	(_)(_	_)(_		_)(_	_)(_	
	- Gallons							
	Gallons							
3-	- Gallons							
Inch	- Gallons							
	Gallons							
	Gallons							
	Sub-Total							
	Gallons							
	- Gallons				<u> </u>			
4-	- Gallons							
Inch	Gallons							
····	- Gallons				<u></u>			
	- Gallons							
	Sub-Total	()()() ()()()

- * Breakdown of meter size usage is <u>not</u> required unless different sewer rates are charged based on size of water meter.
- ** Number of users should reflect the actual number of "meter settings".

		Gallons							
		Gallons							
5	-	Gallons					<u></u>		
Inch		Gallons	<u></u>						
	-	Gallons							
		Gallons							
		Sub-Total	()(_)(_) ()(_)(_)
	-	Gallons							
	-	Gallons							
6-	-	Gallons							-
Inch		Gallons						,	
	Last	Gallons							
		Gallons							
		Sub-Total	(_)()	_)(_) (_)(_	_)()
		TOTALS	(_)(_)

MULTI-FAMILY AND APARTMENT USER ANALYSIS

If billed as a typical user, the information should be included in the residential information above. If not billed as a typical residential user, please explain below.

Name <u>of Unit</u>	Number <u>of Units</u>	Number <u>of Meters</u>	Revenue <u>Calculations</u>
		· · · · · · · · · · · · · · · · · · ·	

- * Breakdown of meter size usage is <u>not</u> required unless different sewer rates are charged based on size of water meter.
- ** Number of users should reflect the actual number of "meter settings".

XXVII. <u>CURRENT OPERATING BUDGET - (SEWER SYSTEM)</u> (As of the last full operating year.)

A. Operating I	ncome:			
Sewer Reve	nue		<u>\$</u>	
Late Charge	e Fees			
Other (Desc	ribe)			
Less All	owances and Deductio	ns	()
Total Opera	ting Income		\$	

B. Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)

1	Regulatory Childy Commissionersy
	Operation Expense \$
	Maintenance Expense
	Customer Accounts Expense
	Administrative and General Expense
	Total Operating and Maintenance Expenses \$
	Net Operating Income \$\$

 Description with the state of the second seco			
		The second second second	ncome:
	1.1 20 1 2 2 2 2 2 2 2	1 9 2 24 1 5	14 /2 /2 144 /2 4
201103333377777777777			TI 6 1 TTTE
	 COST AND A DESCRIPTION 	A share a start of the start	and the second

Interest on Deposits §	
Other (Identify)	
Total Non-Operating Income \$	

D. Net Income \$_____\$____

E.	Debt Rep	ayment:							
	RUS Inte	rest					\$		
	RUS Prin	cipal					ta di Silana Kata Dala <u>a</u> K		
	Non-RUS	Interest	solee g		esor?	1948	86699 <u>9</u>	S STATES	
	Non-RUS	Principo	ıl						
	Total Del	ot Repayn	nent				<u>\$</u>		
F.	Balance /	<i>Available</i>	for Cove	rage			\$		

XXVIII. <u>PROPOSED OPERATING BUDGET - (SEWER SYSTEM) - EXISTING SYSTEM</u> <u>AND NEW USERS</u> (1st Full Year of Operation) Year Ending

A. Operating Income:

B. 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 \$

C. Non-Operating Income:

Other (Identify)	Interest on Deposits		8
Total Non-Angrating Income	Other (Identify)		
Total Mon-openating meetine	Total Non-Operating	Income	\$

S

\$

D. Net Income

E. Debt Repayment: RUS Interest \$______ RUS Principal ______ Non-RUS Interest ______ Non-RUS Principal ______ Total Debt Repayment \$

F. Balance Available for Coverage

XXIX. <u>PROPOSED OPERATING BUDGET - (SEWER SYSTEM) - NEW USERS -</u> <u>EXTENSION ONLY</u> (1st Full Year of Operation) Year Ending

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 \$\$
<i>C</i> .	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

CURRENT OPERATING BUDGET - (WATER SYSTEM) XXX.

(As of the last full operating year.) See Attached Audit (page 5) Year ending 12/31/2017 and 12/31/2016

A. Operating Income:

A.	Operating Income	e:						
	Water Sales					\$ _	1,396,432	
	Disconnect/Reconnect/Late Charge Fees					36,337		
	Other (Describe)	Misc	•				32,411	
	Less Allowances	and De	ductions	Taxes-sa	les, utility &	z local (42,155	
	Total Operating In	ncome				\$	1,423,025	,
B.	Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)							
	Source of Supply	Expens	e			\$_		
	Pumping Expense							
	Water Treatment	Expens	e					<u> </u>
	Transmission and	Distrib	ution Ex	pense				····
	Customer Accourt	nts Expe	ense			<u> </u>		
	Administrative an	id Gene	ral Expe	nse		<u> </u>		
	Total Operating E	xpense	s (\$1,68	9,858-46	(3,435 depr)	\$_	1,226,423	
	Net Operating Inc	come				\$	<u>196,602</u>	
C.	Non-Operating In	come:						
	Interest on Depos	its				\$	<u>93</u>	
	Other (Identify)					_		
	Total Non-Operat	ing Inc	ome			\$	<u>93</u>	
D.	Net Income					\$	196,695	
E.	Debt Repayment:	2001	2006	2008	2016			
	RUS Interest	8,223	36,300	55,155	0	\$	<u>99,678</u>	
	RUS Principal	7,000	16,000	20,860	0		<u>43,860</u>	
	Non-RUS Interest	t			35,705		35,705	
	Non-RUS Princip	al			0			
	Total Debt Repay	ment				\$	<u>179,243</u>	-
F.	Balance Available	e for Co	verage			\$	17,452	.

AND NEW USERS (1st Full Year of Operation) Year Ending <u>12/31/2022</u> No New Users A. Operating Income: Water Sales \$ 1,622,421 Disconnect/Reconnect/Late Charge Fees 25,000 Other (Describe) Less Allowances and Deductions **Total Operating Income** 1,647,421 \$ B. Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) Source of Supply Expense \$ 812,400 **Pumping Expense** 252,553 Water Treatment Expense Transmission and Distribution Expense 212,700 **Customer Accounts Expense** 52,000 Administrative and General Expense 50,000 **Total Operating Expenses** \$ <u>1,379,653</u> Net Operating Income \$____ 267,768 C. Non-Operating Income: \$ <u>150</u> Interest on Deposits Other (Identify) **Total Non-Operating Income** \$ D. Net Income 267,918 \$ E. Debt Repayment: RUS Prin. & Interest Exist. \$ <u>142,197</u> RUS Prin. & Interest New 47,253 Non-RUS Leases (x4) & Bk of Mnts 29,862 RUS Short Lived Assets Acct. <u>42,000</u> \$ 261,322 Total Debt Repayment

F. Balance Available for Coverage

\$ <u>6,596</u>

XXXII. <u>PROPOSED OPERATING BUDGET - (WATER SYSTEM) - NEW USERS -</u> <u>EXTENSION ONLY</u> (1st Full Year of Operation) Year Ending

	No new users		
A.	Operating Income:		
	Water Sales	\$	
	Disconnect/Reconnect/Late Charge Fees		
	Other (Describe)		
	Less Allowances and Deductions	()
	Total Operating Income	\$	
B.	Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by Regulatory Utility Commissioners)	Vational Associatio	on of
	Source of Supply Expense	\$	
	Pumping Expense		
	Water Treatment Expense		
	Transmission and Distribution Expense		
	Customer Accounts Expense		
	Administrative and General Expense		
	Total Operating Expenses	\$	
	Net Operating Income	\$	
C.	Non-Operating Income:		
	Interest on Deposits	\$	
	Other (Identify)		
	Total Non-Operating Income	\$	
D,	Net Income	\$	
E.	Debt Repayment:		
	RUS Interest	\$	
	RUS Principal		
	Non-RUS Interest		
	Non-RUS Principal		
	Total Debt Repayment	\$	<u></u>
F.	Balance Available for Coverage	\$	

XXXIII. ESTIMATED PROJECT COST - SEWER (Round to nearest \$100)

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

XXXIV. <u>PROPOSED PROJECT FUNDING - SEWER</u>

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

XXXV. ESTIMATED PROJECT COST - WATER

Development	\$ 859,000
Legal and Admin	<u>\$ 20,000</u>
Interest	\$
Engineering	\$141,000
KRWA Refinance	<u>\$ 1,200,000</u>
Contingencies	<u>\$ 120,000</u>
Initial Operating and Maintenance	
Other (Permits, etc.)	\$ 40,000
TOTAL	\$2,400,000
XXXVI. <u>FUNDING</u>	PROPOSED PROJECT
Applicant - User Connection Fees	\$
Other Applicant Contribution	
RUS Loan	<u>\$ 1,515,000</u>
RUS Grant	<u>\$ 85,000</u>
ARC Grant (If applicable)	<u>\$ 800,000</u>
CDBG (If applicable)	
Other (Specify)	
Other (Specify)	
TOTAL	\$