KENTUCKY Guide 7 MAY 1998

SUMMARY ADDENDUM

TO

PRELIMINARY ENGINEERING REPORT

DATED	19-Oct-17	
	FOR	
	North Hopkins Water D	District
	(Name of Project)	<u></u>
APPLICANT CONTACT	Γ PERSON _	David Adams, Chairman
APPLICANT PHO	NE NUMBER	(270) 825-1623
ALLOANTING	THE HOMBER	(270) 020-1020
APPLICANT TAX IDENTIFICA	TION 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 both be taken as security for the loan, all user information and characteristics of both utility systems will be needed even though the project will*

Feasibility review and <u>grant determinations</u> may be processed more accurately and more rapidly if the summary/Addendum is submittedsimultaneously with the preliminary engineering report, or as soon thereafter as possible.

I. GENERAL

A.

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

NHWD is under an Agreed Order from DOW for exceeding the MCL for TTHM's. It has been determined that water purchased at the source is already out of compliance. The proposed project will enable NHWD to purchase water from a different source that is in compliance.

II.	<u>FACIL</u>	ITY CHARACTERISTICS OF EXISTING SEWER SYSTEM
	A.	Sewage Treatment:
		1. Type
		2. Method of Sludge Disposal
		3. Cost per 1,000 gallons if sewage treatment is contracted:
		<u>\$</u>
		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 Colle	Sewage Collection System:						
	Lineal Feet of	Collector Lines, by size (6"8"					
	10"	12"	, Larger					
	Date(s) Const	ructed						
F.	suitability for	continued use of facility	describe the conditions and now owned by the applicant. be needed within five to ten years.					
FACII	LITY CHARACTER	ISTICS OF EXISTING WA	TER SYSTEM					
Α.	explanation of capacity, and c Water Purchas	raw water source, raw water urrent level of production (\) e Contract if applicable.	rce (quality and quantity). Include an er intake structure, treatment plant WTP). Also describe the adequacy of the City of Madisonville. The water purchased is					
	If the applicant	purchases water:						
	Seller(s)	:						
	1	. City of Mac	disonville					
	2							
	3							
		00 gallons:						
		. \$4.39)					
	3	<u> </u>						
В.		Estimated Market Value of	Existing System \$					
	Type: Ground S	Storage Tank	Elevated Tank 4					

III.

Standpipe		_Other		
Number of Storage Str	ructures	4		
Total Storage Volume	Capacity	400,000 ga	allons	
Date Storage Tank(s)	Constructed			
Water Distribution Sys	tem:			
Pipe Material				
Lineal Feet of Pipe:	2"-3" 122,90	0	4"	358,700
	6"245,90	0	8"	95,000
	10"		12"	
Date(s) Wter Lines Co	nstructed		-	
Number and Capacity	of Pump Station(s)			3
1-250 gpr	n, 1-200 gpm & 1-1	50 gpm		
Condition of Existing W	/ater System:			
Briefly describe the corowned by the applicant five to ten years.		•		•
The existing system is	in relatively good s	hape and we	don't anticipa	ate and
major renovations in th	e next 5 years.		· · · · · · · · · · · · · · · · · · ·	
Dovontors of Materia	oo Evietie - Control			
Percentage of Water L	uss existing system	TI		

IV. <u>EXISTING LONG-TERM INDEBTEDNESS</u>

A. List of Bonds and Notes:

Date of Issue	Bond/Note Holder	Principal Balance	Payment <u>Date</u>	Bond Type Water/Sewer*	Amount on Deposit in Reserve Account
20 <u>10</u> Issue	KRWA	\$		%%	
19lssue		\$		%%	
19Issue		\$		%%	
19lssue		\$		%	
19lssue		\$		%%	

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

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

		Payment Year		Payment Year		Payment Year	
		20 _	18	20	20 <u>19</u>		20
Date <u>of Issue</u>	Bond/Note Holder	Principal Payment	Interest <u>Payment</u>	Principal Payment	Interest Payment	Principal Payment	Interest Payment
20 <u>10</u> Issue	KRWA	105000	21970	105000	18715	110000	<u> 15355</u>
20lssue							
20 Issue					-	•	
20lssue						-	
20lssue							

V. <u>EXISTING SHORT-TERM INDEBTEDNESS</u>

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

Lender or Lesso	Date of Issue Princip r (Month & Year) Balance	•	Payment <u>Date</u>	&	Principal Interest ment (P&I)	Date to Be Paid In Full
				. —		
						-
VI.	LAND AND RIGHTS - EXISTING	SYSTEM(S)				
	Number of Treatment Plant Sites:	Water		Sewer		
	Number of Storage Tank Sites:	Water	3	Sewer		
	Number of Pump Stations:	Water	3	Sewer		
	Total Acreage:	Water	<3 Acres	Sewer		Acres
	Purchase Price:	Water	unknown	Sewer		
VII.	NUMBER OF EXISTING USERS				Water	Sewer
	Residential (In Town)*				<u></u>	
	Residential (Out of Town)*				1271	
	Non-Residential (In Town)					
	Non-Residential (Out of Town)			30	
	Total				1301	
	Number to Total Potential Use	ers Living in the Se	rvice Area			

^{*} Note: Residental Users: classify by type of user regardless of quantity of water used. This classification should include those meters serving individual rural residence.

Meter Size		Sewer Connection Fee	-
5/8" x 3/4"	\$	\$	-
1 - Inch	\$	\$	-
SEWER RATES - EXIST	TING SYSTEM		N/A
Percentage of Water B	ill% Minimum	Charge \$	
Other: (If Charge Not B	ased on Water Bill)	7	
, ,			
Date This Rate Went In	to Effect		_
WATER RATES - EXIST		(See Attached)	
Existing Rate Schedule:			
First	Gallons @ \$	Minimum	
Next	Gallons @ \$	per 1,000 Gallor	ıs.
Next	Gallons @ \$	per 1,000 Gallon	ıs.
Next	Gallons @ \$	per 1,000 Gallon	ıs.
		per 1,000 Gallon	
Next	Gallons @ \$	per 1,000 Gallon	ıs.
All Over	Gallons @ \$	per 1,000 Gallon	ıs.
	Canona (6) #	per 1,000 Gallor	13.

EXISTING WATER RATES

5/8" x 3/4" Me	ter			
First		Gallons	\$24.38	Min. Bill
Next	2.000	Gallons		per 1,000 gallons
Next		Gallons		per 1,000 gallons
Next	•	Gallons		per 1,000 gallons
All Over		Gallons		per 1,000 gallons
7111 0401	10,000	Calloris	Ψ0.09	per 1,000 galloris
3/4" Meter				
First	3 000	Gallons	\$36.27	Min, Bill
Next	•	Gallons	·	per 1,000 gallons
Next	•	Gallons		per 1,000 gallons
Next	-	Gallons		
				per 1,000 gallons
All Over	10,000	Gallons	\$6.59	per 1,000 gallons
4" Motor				
1" Meter	E 000	Callana	# 57.70	Marin Dall
First		Gallons	-	Min. Bill
Next	•	Gallons		per 1,000 gallons
Next		Gallons		per 1,000 gallons
All Over	10,000	Gallons	\$6.59	per 1,000 gallons
4 4/00 88 -4				
1-1/2" Meter	40.000	0 "	0404.00	A 41 - PS-114
First		Gallons	\$101.95	
All Over	10,000	Gallons	\$6.59	per 1,000 gallons
00.00				
2" Meter	45.000	0 "	040400	
First		Gallons	\$134.90	
All Over	15,000	Gallons	\$6.59	per 1,000 gallons
011.55				
3" Meter				
First	•	Gallons	\$233.75	
All Over	15,000	Gallons	\$6.59	per 1,000 gallons
5			A	
Date these rate	es went ir	nto effect:	15-Mar-16	

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

F	or Period			to				
All Meter Sizes Monthly Sewer Usage		<u>Average</u> <u>Reside</u>		lential Non-Resi		identia <u>l</u>		
					No. of Users	Usage (1000)	No. of Users	Usage (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		101	
	19,000	_	20,000	Gallons	19,500			
		-		Gallons				
		-		Gallons				
		. . .		Gallons				
		_		Total	()	()	()	(,)
			Average	e Usage		()		()

XII. ANALYSIS OF ACTUAL WATER USAGE - EXISTING SYSTEM - 12 MONTH PERIOD

For Period		to			<u></u> •
All Meter					
Sizes Monthly Water Usa	age Average	e Resid	dential	Non-Resi	dential
		No. of	Usage	No. of	Usage
		Users	(1000)	Users	(1000)
0 - 2	2,000 Gallons	1,000			
	3,000 Gallons	2,500			
•	1,000 Gallons	3,500			
	5,000 Gallons	4,500	-		
	6,000 Gallons	5,500	-		
6,000 -	7,000 Gallons	6,500			·
7,000 - 8	3,000 Gallons	7,500			
8,000 -	0,000 Gallons	8,500			
9,000 - 10	0,000 Gallons	9,500			
10,000 - 11	1,000 Gallons	10,500			
11,000 - 12	2,000 Gallons	11,500			
12,000 - 13	3,000 Gallons	12,500			
13,000 - 14	1,000 Gallons	13,500			
14,000 - 15	5,000 Gallons	14,500			
15,000 - 16	6,000 Gallons	15,500			· .
16,000 - 17	7,000 Gallons	16,500			
17,000 - 18	3,000 Gallons	17,500			
18,000 - 19	0,000 Gallons	18,500			
19,000 - 20	0,000 Gallons	19,500			
	Gallons				
	Gallons				
-	Gallons				
	Total	()	()	()	()
Av	erage Usage				()
				_	
Total Water Purcha	ased and/or Pro	duced _			
Total Water Sold					

XIII.	<u>FACIL</u>	ITY CHARACTERISTICS OF PROPOSED S	SEWER SYSTEM N/A						
	A.	Sewage Treatment:							
		1. Type							
		2. Method of Sludge Disposal							
		3. Cost per 1,000 gallons if sewage trea							
		4. Date Constructed							
	B.	Treatment Capacity of Sewage Treatme	ent Plant						
	C.	Type of Sewage Collector System (Describe)							
	D.	Number and Capacity of Sewage Lift St	ations						
	E.	Sewage Collection System:							
		Lineal Feet of Collector Lines, by size 6	8" 8"						
		10"12"	, Larger						
XIV.	LAND	LAND AND RIGHTS - PROPOSED SEWER SYSTEM N/A							
	Numb	Number of Treatment Plant Sites							
	Numb	er of Pump Sites							
	Numb	Number of Other Sites							
	Total	Acreage	Acres						
	Purch	ase Price \$							

XV.	FAC	CILITY CHARACTERISTICS OF PROPOSED WATER SYSTEM
	Α.	Water Source: Describe adequacy of source (quality and quantity). Include an explanation of raw water source, raw water intake structure, treatment plant capacity, and current level of production (WTP). Also describe the adequacy of Water Purchase Contract if applicable.
		The proposed project will connect to the Webster County Water District (WCWD). WCWD has plenty of excess capacity and better water quality than the current supply source.
	В	Water Storage:

В.	water Storage:			
	Type: Ground Storage Tank	E	Elevated Tank	
	Standpipe	Other		
	Number of Storage Structures		0	
	Total Storage Volume Capacity		0	
C.	Water Distribution System:			
	Pipe Material	PVC		
	Lineal Feet of Pipe: 3" Diameter		4"	
	6"		8"	20,200
	10"		12"	<u></u>
	Number and Capacity of Pump St	ation(s)	1-225 gpn	n
LAND	AND RIGHTS - PROPOSED WATE	R SYSTEM		
	er of Treatment Plant Sites		0	
Numbe	er of Pump Sites		1	
Numbe	er of Other Sites		0	
Total A	Acreage	96	<0.1	Acres

XVI.

XVII.	NUMBER OF NEW SEWER USERS	N/A	
	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 used. This classification should include those meters serving in residences.		
XVIII.	PROPOSED SEWER CONNECTION FEES FOR EACH SIZE WATER CONNECTION	ER METER	

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

XIX. <u>NUMBER OF NEW WATER USERS</u>

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

^{*} Note:

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

XX.

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

Proposed Rate Schedule without RUS Grant:						
Percent of Water Bill						
Other: (If Charge	e Not Based on Water Bill)	*				
Proposed Rate	Schedule: (Without RUS Grant)				
First	Gallons @ \$	Minimum.				
Next	Gallons @ \$	per 1,000 Gallons				
Next		per 1,000 Gallons				
Next		per 1,000 Gallons				
Next	Gallons @ \$	per 1,000 Gallons				
Next		per 1,000 Gallons				
All Over		per 1,000 Gallons				
If the applicant/o proposed rate w preparer should	osed rate, without RUS grant, i engineer desires, there is no ol rith an estimated RUS grant in I remember that the Table (A) a	pjection to recommending a the Table below. However,				
If the applicant/opproposed rate was preparer should Table (B).	engineer desires, there is no ole vith an estimated RUS grant in I remember that the Table (A) a	bjection to recommending a the Table below. However, bove must be completed p				
If the applicant/opposed rate was preparer should Table (B).	engineer desires, there is no ole with an estimated RUS grant in I remember that the Table (A) a Rate Schedule with RUS Grant	bjection to recommending a the Table below. However, bove must be completed po :				
If the applicant/opproposed rate was preparer should Table (B). Recommended Percentage of V	engineer desires, there is no ole ith an estimated RUS grant in remember that the Table (A) a Rate Schedule with RUS Grant Vater Bill	bjection to recommending a the Table below. However, bove must be completed po : num Charge \$				
If the applicant/opproposed rate was preparer should Table (B). Recommended Percentage of V	engineer desires, there is no ole with an estimated RUS grant in I remember that the Table (A) a Rate Schedule with RUS Grant	bjection to recommending a the Table below. However, bove must be completed po : num Charge \$				
If the applicant/oproposed rate was preparer should Table (B). Recommended Percentage of Volther: (If Charge)	engineer desires, there is no ole ith an estimated RUS grant in remember that the Table (A) a Rate Schedule with RUS Grant Vater Bill	bjection to recommending a the Table below. However, bove must be completed po : num Charge \$				
If the applicant/oproposed rate was preparer should Table (B). Recommended Percentage of Volther: (If Charge	engineer desires, there is no object to an estimated RUS grant in a remember that the Table (A) a remember that the RUS Grant water Bill Mining Not Based on Water Bill)	bjection to recommending a the Table below. However, bove must be completed po : num Charge \$ num Charge \$				
If the applicant/oproposed rate was preparer should Table (B). Recommended Percentage of Wother: (If Charge Recommended Percommended Recommended Percommended Pe	engineer desires, there is no of with an estimated RUS grant in I remember that the Table (A) a Rate Schedule with RUS Grant Water Bill	bjection to recommending a the Table below. However, bove must be completed po : num Charge \$ Minimum.				
If the applicant/oproposed rate was preparer should Table (B). Recommended Percentage of Wother: (If Charge Recommended First	engineer desires, there is no of with an estimated RUS grant in a remember that the Table (A) a	pjection to recommending a the Table below. However, bove must be completed po : num Charge \$ Minimum. per 1,000 Gallons per 1,000 Gallons				
If the applicant/oproposed rate was preparer should Table (B). Recommended Percentage of Wother: (If Charge Recommended First Next Next Next	engineer desires, there is no obtained an estimated RUS grant in a remember that the Table (A) a	pjection to recommending a the Table below. However, bove must be completed po : mum Charge \$ Minimum. per 1,000 Gallons per 1,000 Gallons per 1,000 Gallons				
If the applicant/oproposed rate was preparer should Table (B). Recommended Percentage of Volther: (If Charge Recommended First Next Next	engineer desires, there is no obtained an estimated RUS grant in a remember that the Table (A) a	bjection to recommending a the Table below. However, bove must be completed po : num Charge \$ Minimum.				
If the applicant/oproposed rate was preparer should Table (B). Recommended Percentage of Wother: (If Charge Recommended First Next Next Next	engineer desires, there is no obtained an estimated RUS grant in a remember that the Table (A) a	pjection to recommending a the Table below. However, bove must be completed po : mum Charge \$ Minimum. per 1,000 Gallons per 1,000 Gallons per 1,000 Gallons				

If more than one rate, use additional sheets.

XXI.

XXII. <u>WATER RATES - PROPOSED</u>

A. Proposed Rate Schedule without RUS Grant: (SEE ATTACHED)

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: (SEE ATTACHED)

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.

PROPOSED WATER RATES without RUS GRANT

5/8" x 3/4" Me	ter		
First	2,000	Gallons	\$29.40 Min. Bill
Next	2,000	Gallons	\$12.35 per 1,000 gallons
Next	3,000	Gallons	\$10.00 per 1,000 gallons
Next	3,000	Gallons	\$8.85 per 1,000 gallons
All Over	10,000	Gallons	\$7.05 per 1,000 gallons
3/4" Meter			
First	3,000	Gallons	\$41.75 Min. Bill
Next	1,000	Gallons	\$12.35 per 1,000 gallons
Next		Gallons	\$10.00 per 1,000 gallons
Next	3,000	Gallons	\$8.85 per 1,000 gallons
All Over	10,000	Gallons	\$7.05 per 1,000 gallons
48.88.4			
1" Meter	5 000	0 "	004.40.44
First		Gallons	\$64.10 Min. Bill
Next	2,000	Gallons	\$10.00 per 1,000 gallons
Next	3,000	Gallons	\$8.85 per 1,000 gallons
All Over	10,000	Gallons	\$7.05 per 1,000 gallons
1-1/2" Meter			
First	10,000	Gallons	\$110.65 Min. Bill
All Over	10,000	Gallons	\$7.05 per 1,000 gallons
All OVCI	10,000	Calloris	Ψ7.00 per 1,000 galloris
2" Meter			
First	15,000	Gallons	\$145.90 Min. Bill
All Over	15,000	Gallons	\$7.05 per 1,000 gallons
			• • •
3" Meter			
First	30,000	Gallons	\$251.65 Min. Bill
All Over	15,000	Gallons	\$7.05 per 1,000 gallons

PROPOSED WATER RATES with RUS GRANT

5/8" x 3/4" Me	ter		
First	2,000	Gallons	\$28.80 Min. Bill
Next	2,000	Gallons	\$12.35 per 1,000 gallons
Next	3,000	Gallons	\$10.00 per 1,000 gallons
Next	3,000	Gallons	\$8.85 per 1,000 gallons
All Over	10,000	Gallons	\$7.05 per 1,000 gallons
3/4" Meter			
First		Gallons	\$41.15 Min. Bill
Next	1,000	Gallons	\$12.35 per 1,000 gallons
Next	•	Gallons	\$10.00 per 1,000 gallons
Next	•	Gallons	\$8.85 per 1,000 gallons
All Over	10,000	Gallons	\$7.05 per 1,000 galions
1" Meter			
First	5,000	Gallons	\$63.50 Min. Bill
Next	2,000	Gallons	\$10.00 per 1,000 gallons
Next	3,000	Gallons	\$8.85 per 1,000 gallons
All Over	10,000	Gallons	\$7.05 per 1,000 gallons
7 0 7 0.	10,000	Callorio	ψ7.00 pci 1,000 gailoris
1-1/2" Meter			
First	10,000	Gallons	\$110.05 Min. Bill
All Over	10,000	Gallons	\$7.05 per 1,000 gallons
2" Meter			
First	15,000	Gallons	\$145.30 Min. Bill
All Over	15,000	Gallons	\$7.05 per 1,000 gallons
All Over	10,000	Calloris	Ψ7.05 per 1,000 gailons
3" Meter			
First	30,000	Gallons	\$251.05 Min. Bill
All Over	15,000	Gallons	\$7.05 per 1,000 gallons

XXIII FORECAST OF SEWER USAGE - INCOME - EXISTING SYSTEM - EXISTING USERS

Meter		Average							
Sizes* Monthly Se	wer Usage	Average R	Average Rate Residential			Non-Residential			
				Usage (1000)	Income	No. of Users	Usage (1000)	Income	
0 -	2,000 Gallons	1,000				12.0764			
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				170			
7,000 -	8,000 Gallons	7,500							
8,000 -	9,000 Gallons	8,500							
9,000 -	10,000 Gallons	9,500							
5/8 10,000 -	11,000 Gallons	10,500							
x 11,000 -	12,000 Gallons	11,500							
3/4 12,000 -	13,000 Gallons	12,500							
Inch 13,000 -	14,000 Gallons	13,500							
14,000 -	15,000 Gallons	14,500							
15,000 -	16,000 Gallons	15,500							
16,000 -	17,000 Gallons	16,500							
17,000 -	18,000 Gallons	17,500				TOWNESS.			
18,000 -	19,000 Gallons	18,500							
19,000 -	20,000 Gallons	19,500							
-	Gallons								
-	Gallons								
	Gallons			5(4), 10					
	Sub-1	otal	()	()	()	()	()	()	
A	verage Monthly I	Rate ()						
Ave	erage Monthly Us	age							

^{*} 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						11	_					
1-	Gallons			_									
Inch	- Gallons - Gallons												
	- Gallons - Gallons									_			
	Sub-Total	- ((_		_			
				<u>_</u>		(
	Gallons												
	- Gallons												
1-1/2	Gallons												
Inch	Gallons												
	- Gallons												
	- Gallons Sub Table			_									
	Sub-Total							(
	Gallons												
	Gallons												
2-	- Gallons	_											
Inch	- Gallons												
	Gallons												
	- Gallons												
	Sub-Total									(_	
	- Gallons												
	- Gallons												
3-	- Gallons									-			
Inch	- Gallons												
	- Gallons												
	- Gallons												
	Sub-Total	()))	()	()
	Gallons	_											
	- Gallons												
4-	Gallons												
Inch	Gallons												
-	- Gallons - Gallons												
	Sub-Total		<u> </u>	_	<u> </u>								<u> </u>
	Gallons												
	- Gallons												
5-	- Gallons												
Inch	Gallons												
-	- Gallons												
-	Gallons	_ —											
	Sub-Total	((

^{*} Breakdown of meter size 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 - Sub-Total (Gallons Gallons Gallons											_	
Sub-Total TOTALS () () () () () () MULTI-FAMILY AND APARTMENT USER ANALYSIS If billed as a typical user, the information should e included in the residential information above. If not billed as a typical residential user, please explain below. Name Number Number Revenue														
TOTALS () () () () () () MULTI-FAMILY AND APARTMENT USER ANALYSIS If billed as a typical user, the information should e included in the residential information above. If not billed as a typical residential user, please explain below. Name Number Number Revenue			ı			-					1			_
MULTI-FAMILY AND APARTMENT USER ANALYSIS If billed as a typical user, the information should e included in the residential information above. If not billed as a typical residential user, please explain below. Name Number Number Revenue		Sub-rota			4			1						1
If billed as a typical user, the information should e included in the residential information above. If not billed as a typical residential user, please explain below. Name Number Number Revenue		TOTALS				1 (()	(<u>)</u>	((_
If billed as a typical user, the information should e included in the residential information above. If not billed as a typical residential user, please explain below. Name Number Number Revenue														
of Units of Meters Calculations	If billed as a typ	ical user, th	e infon	mation show	uld e incl		the r	esidei	ntial i	inforn	natioi	n abo	∕e. If	not
	If billed as a typic billed as a typic	ical user, th	e infon	mation show please exp	uld e inclu lain belov	w.	the re	esidei	ntial i				∕e. If	not
	If billed as a typic billed as a typic	ical user, th	e infon	mation show please exp	uld e inclu lain belov Numbe	w. er	the re	esidei	ntial i	Rev	enue'		ve. If	not
	If billed as a typic billed as a typic	ical user, th	e infon	mation show please exp	uld e inclu lain belov Numbe	w. er	the r	esidei	ntial i	Rev	enue'		ve. If	not
	If billed as a typic billed as a typic	ical user, th	e infon	mation show please exp	uld e inclu lain belov Numbe	w. er	the re	esidei	ntial i	Rev	enue'		/e. If	not
	If billed as a typic billed as a typic	ical user, th	e infon	mation show please exp	uld e inclu lain belov Numbe	w. er	the r	esidei	ntial i	Rev	enue'		ve. If	not
	If billed as a typic billed as a typic	ical user, th	e infon	mation show please exp	uld e inclu lain belov Numbe	w. er	the re	esidei	ntial i	Rev	enue'		ve. If	not

^{*} 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".

XXIV. FORECAST OF SEWER USAGE - INCOME - NEW USERS - EXTENSION ONLY

Meter Sizes* Monthly Sewer Usage	Average Rate	e <u>Residentia</u>	<u>1</u>	Non-	Residenti	ia l
		No. of Usa Users** (100	_	No. of Users	Usage (1000)	Income
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	11				
9,000 - 10,000 Gallons	9,500					
5/8 10,000 - 11,000 Gallons	10,500					
x 11,000 - 12,000 Gallons	11,500					
3/4 12,000 - 13,000 Gallons	12,500					
Inch 13,000 - 14,000 Gallons	13,500					
14,000 - 15,000 Gallons	14,500					
15,000 - 16,000 Gallons	15,500					
16,000 - 17,000 Gallons	16,500					
17,000 - 18,000 Gallons	17,500					
18,000 - 19,000 Gallons	18,500					
19,000 - 20,000 Gallons	19,500					
Gallons						
- Gallons					_	
Gallons						
Sub-	Total	() (<u> </u>	()	()	()
Average Monthly I	Rate ()					
Average Monthly Us	sage		_)			

^{*} 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	
Inch -	- Gallons	
mon .	- Gallons	- — — — — — —
-	- Gallons	
-	Sub-Total	
	Sub-Total	
	- Gallons	
•	- Gallons	
1-1/2	- Gallons	
Inch	- Gallons	
•	- Gallons	
-	- Gallons	
	Sub-Total	
	- Gallons	
	- Gallons	
2-	- Gallons	
Inch	- Gallons	
•	- Gallons	
-	- Gallons	
-	Sub-Total	
	- Gallons	
-	- Gallons	
3-	- Gallons	
Inch	- Gallons	
	- Gallons	
-	- Gallons	
J	Sub-Total	
	- Gallons	
_	- Gallons	
4-	- Gallons	
Inch	- Gallons	
-	- Gallons	
•	- Gallons	
	Sub-Total	
	- Gallons	
-	- Gallons	
5-	- Gallons	
Inch	- Gallons	
-	- Gallons	
-	- Gallons	
-	Sub-Total	

^{*} Breakdown of meter size 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".

billed as a typical residential user, please explain below. Name Number Number Revenue	- Gallons Sub-Total (Gallons						
Sub-Total TOTALS () () () () () () () () () (Sub-Total (
MULTI-FAMILY AND APARTMENT USER ANALYSIS If billed as a typical user, the information should e included in the residential information above. If not billed as a typical residential user, please explain below. Name Number Number Revenue	MULTI-FAMILY AND APARTMENT USER ANALYSIS If billed as a typical user, the information should e included in the residential information above. If not billed as a typical residential user, please explain below. Name Number Number Revenue					<u> </u>		
If billed as a typical user, the information should e included in the residential information above. If not billed as a typical residential user, please explain below. Name Number Number Revenue	If billed as a typical user, the information should e included in the residential information above. If not billed as a typical residential user, please explain below. Name Number Number Revenue	TOTALS		() (<u>)</u> ()	(<u>(</u>
billed as a typical residential user, please explain below. Name Number Number Revenue	billed as a typical residential user, please explain below. Name Number Number Revenue	ILY AND APARTMEI	NT USER ANAL	LYSIS				
		ypical residential us	er, please expl	lain below.	n the resider			not
or ome or meters Carculations								
		ה ה	a typical user, the ini typical residential us	a typical user, the information shou typical residential user, please expl ne Number	a typical user, the information should e included in typical residential user, please explain below. ne Number Number	a typical user, the information should e included in the resident typical residential user, please explain below. The Number Number	a typical user, the information should e included in the residential information typical residential user, please explain below. Number Number Number Revenue	a typical user, the information should e included in the residential information above. If typical residential user, please explain below. Number Number Number Revenue

^{*} 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".

XXV. FORECAST OF WATER USAGE - INCOME - EXISTING SYSTEM - EXISTING USERS

Meter				A	verage						
Sizes*	Monthly \	<u>Nater</u>	r Usage	<u>Average</u>	Rate	Resident No. of		Income	Non-F	Residential	
						Users**	Usage (1000)	mome	Users	Usage	Income
						03613	(1000)		Users	(1000)	
5/8	0	- 2	2,000 Gallons	1,066 \$	28.80	4200	4532.91	\$ 120,960.00	125	76.94	\$ 3,600.00
X	2,000	- 4	4,000 Gallons	2,961 \$	40.66	5812	17219.05	\$ 236,484.47	29	74.39	\$ 1,037.62
3/4	4,000	- 7	7,000 Gallons	5,343 \$	66.93	4103	21913.69	\$ 274,527.40	19	108.38	\$ 1,340.30
Inch	7,000	- 10	0,000 Gallons	9,520 \$	105.81	621	5913.87	\$ 65,720.30	6	55.44	\$ 619.94
	Over	- 10	0,000 Gallons	23,465	204.98	335	7819.39	\$ 68,375.95	15	393.43	\$ 3,366.93
			Sub-T	otal		15071	57398.91	\$ 766,068.12	194	708.58	\$ 9,964.79
		Aver	rage Monthly Ra	ate <u>(</u>)						
	A	vera	ge Monthly Usa	ge			()			()	
Meter				A	/erage						
		Vater	· Usage	_	/erage Rate	Reside	ential		Non-F	esidential	
	Monthly V	<u>Vater</u>	· Usage	Average	verage <u>Rate</u>	Reside		Income		lesidential Usage	Income
		<u>Vater</u>	· Usage	_	_	Reside No. of Users**	Usage	Income	No. of	Usage	Income
		<u>Vater</u>	· Usage	_	_	No. of		Income			Income
			Usage	_	_	No. of	Usage	Income	No. of	Usage	
	Monthly V	- :		Average	_	No. of	Usage	0.00	No. of	Usage	0.00
	Monthly V	- 3	3,000 Gallons	Average #DIV/0!	_	No. of	Usage		No. of	Usage	
Sizes*	0 3,000	- 3 - 4 - 7	3,000 Gallons 4,000 Gallons	#DIV/0! #DIV/0!	_	No. of	Usage	0.00	No. of	Usage	0.00 0.00 0.00
Sizes*	0 3,000 4,000 7,000	- 3 - 4 - 7 - 10	3,000 Gallons 4,000 Gallons 7,000 Gallons	#DIV/0!#DIV/0!#DIV/0!	_	No. of	Usage	0.00 0.00 0.00	No. of	Usage	0.00 0.00 0.00 0.00
Sizes*	0 3,000 4,000 7,000	- 3 - 4 - 7 - 10	3,000 Gallons 4,000 Gallons 7,000 Gallons 0,000 Gallons	#DIV/0!	_	No. of	Usage	0.00 0.00 0.00 0.00	No. of	Usage	0.00 0.00 0.00
Sizes*	0 3,000 4,000 7,000	- 3 - 4 - 10 - 10	3,000 Gallons 4,000 Gallons 7,000 Gallons 0,000 Gallons 0,000 Gallons	#DIV/0!	_	No. of Users**	Usage (1000)	0.00 0.00 0.00 0.00 0.00	No. of Users	Usage (1000)	0.00 0.00 0.00 0.00 0.00

Meter Sizes* I	Monthly Water Usage	Average <u>Rate</u>	Reside No. of Users**	ential Usage (1000)	Income	Non-R No. of Users	<u>Residential</u> Usage (1000)	Income
1 Inch	0 - 5,000 Gallons 5,000 - 7,000 Gallons 7,000 - 10,000 Gallons Over - 10,000 Gallons Sub-1 Average Monthly R Average Monthly Usa	ate <u>(</u>)	76 14 12 22 124	199.74 97.49 106.83 487.52 891.58	\$ 4,826.00 \$ 1,163.90 \$ 1,204.05 \$ 4,307.12 \$ 11,501.06	57 14 39 110	0 101.27 5170.5	\$ 3,619.50 \$ - \$ 1,197.94 \$ 37,994.26 \$ 42,811.70
Meter Sizes* I	Monthly Water Usage	Average Average Rate	Reside No. of Users**	ential Usage (1000)	Income	Non-R No. of Users	esidential Usage (1000)	Income
1-1/2 (Inch	0 - 10,000 Gallons Over - 10,000 Gallons Sub-T Average Monthly R Average Monthly Usa	ate ()	21 21 42	62.08 1014.96 1077.04	\$ 2,311.05 \$ 7,986.02 \$ 10,297.07	23 13 36	394.69	\$ 2,531.15 \$ 3,296.71 \$ 5,827.86

Meter Sizes*	Monthly Water Usage	Average <u>Rate</u>	Reside No. of Users**	ential Usage (1000)	Income	Non-R No. of Users	<u>lesidential</u> Usage (1000)	Income
2 Inch	0 - 15,000 Gallons Over - 15,000 Gallons Sub-1 Average Monthly R Average Monthly Usa	ate <u>()</u>	3 10 13	8.2 1230.3 1238.5	\$ 435.90 \$ 9,069.12 \$ 9,505.02	0 10 10	1165.1 1165.1 ()	\$ - \$ 8,609.46 \$ 8,609.46
Meter <u>Sizes*</u>	Monthly Water Usage	Average <u>Average</u> <u>Rate</u>	Reside No. of Users**	e <u>ntial</u> Usage (1000)	Income	Non-R No. of Users	esidential Usage (1000)	Income
3 Inch	0 - 30,000 Gallons Over - 30,000 Gallons Sub-T Average Monthly R Average Monthly Usa	ate <u>()</u>		0	0 0 0	10 12	13.22 1576.5 1589.7	502.10 11509.83 \$ 12,011.93

-	Gallons	
	Gallons	
1	Gallons	
Inch -	Gallons	
	Gallons	
	Gallons	
	Sub-Total	
	Gallons	
4.4/0	Gallons	
1-1/2	Gallons	
Inch	Gallons	
	Gallons	
	Gallons	
	Sub-Total	
-	Gallons	
-	Gallons	
2	Gallons	
Inch -	Collons —	
	Gallons	
<u> </u>	Gallons	
	Sub-Total	
-	Galions	
	Callena	
3	College — — —	
Inch -	Gallons	
	Gallons	
	Gallons	
	Sub-Total	
	Gallons	
	Gallons	
4-	Gallons	
Inch -	Gallons	
	Gallons	
	Gallons	
	Sub-Total	
	Oub-1 Olai	
	Gallons	
	Gallons	
5	Gallons	
Inch	Gallons	
	Gallons	
	Gallons	
	Sub-Total	

^{*} Breakdown of meter size 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".

6- Inch		Gallons Gallons Gallons Gallons Gallons Gallons Gallons TOTALS			(())
	MULTI-FAMILY A If billed as a typic billed as a typical	al user, the info	rmation should e	included in t	he resi	identia	al inform	ation a	ibove.	If not		
	Name of Unit		Number of Units	Number of Meters		-			enue culatio	<u>ns</u>		
					-	-						Т
					•	-	20.55				35	

^{*} 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".

XXVI. FORECAST OF WATER USAGE - INCOME - NEW USERS - EXTENSION ONLY

Meter Sizes*	Monthly V	Vater Usage	Average <u>Rate</u>	Resid No. of Users**	ential Usage (1000)	Income	Non-F No. of Users	Residential Usage (1000)	l Income
	0 -	2,000 Gallons	1,000						
	2,000 -	3,000 Gallons	2,500						
	3,000 -	4,000 Gallons	3,500						
	4,000 -	5,000 Gallons	4,500						
	5,000 -	6,000 Gallons	5,500						
	6,000 -	7,000 Gallons	6,500						
	7,000 -	8,000 Gallons	7,500						
	8,000 -	9,000 Gallons	8,500						
	9,000 -	10,000 Gallons	9,500						
5/8	10,000 -	11,000 Gallons	10,500						
X	11,000 -	12,000 Gallons	11,500						
3/4	12,000 -	13,000 Gallons	12,500						
Inch	13,000 -	,000	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 00110110	19,500						
		Gallons							
		Gallons							
		Gallons							
		Sub-To		()	()	()	()	()	()
		Average Monthly R					_		
	A	verage Monthly Usa	ige		()			()	

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										
Inch	- Gallons								_		
27	- Gallons	_							_		
-	- Gallons										
-	Sub-Total	(<u> </u>)	(<u> </u>)	()	()
	- Gallons						•				
-											
1-1/2	0.00	_									
Inch											
	- Gallons										
-	- Gallons										
-	Sub-Total		~ 7			\ /					
	Sub-Total				1	<u> </u>				(
_	Gallons										
-	Gallons		_								
2-	- Gallons										
Inch	- Gallons										
	Gallons										
	- Gallons										
	Sub-Total)	() ()	()	()
	Gallons										
_	- Gallons										
3-	- Gallons				-				_		
Inch	- Gallons										
_	- Gallons										
_	- Gallons										
_	Sub-Total	()	() ()	()	()
	Gallons										
-	- Gallons	-									
4-	- Gallons										_
Inch	- Gallons										
•	- Gallons								_		_
-	- Gallons				•				—		
-	Sub-Total	(()	() ()	(<u> </u>	()
	- Gallons										
-	- Gallons				-				_		
5-	- Gallons										
Inch	- Gallons										
	- Gallons	-				- —			-		
-	- Gallons										
_	Sub-Total		· /			\				7	_
	Sub- i Olai					4 4			<u> </u>		

^{*} Breakdown of meter size 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 Sub-Total TOTALS					()	(<u> </u>	(
	TOTALS									
				() (()	()	()	(
MILY A	ND APARTI	MENT US	SER ANAL	YSIS						
typical					e residen	tial informa	ition above.	If not		
				Number of Meters			Revenue Calculation	าร		
		ı typical residential u ame	typical residential user, pleasame	typical residential user, please explain ame Number	typical residential user, please explain below. Ame Number Number	typical residential user, please explain below. ame Number Number	rtypical residential user, please explain below. ame Number Number	typical residential user, please explain below. Ame Number Number Revenue	ame Number Number Revenue	atypical residential user, please explain below. Ame Number Number Revenue

^{*} 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".

XVII. CURRENT OPERATING BUDGET - (SEWER SYSTEM) (As of the last full operating year.)

A.	Operating Income:	\$	
	Sewer Revenue		
	Late Charge Fees		
	Other (Describe)		
	Less Allowances and Deductions	()
	Total Operating Income	\$	
B.	Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescr Regulatory Utility Commissioners)	ibed by National Association of	
	Operation Expense	\$	<u>-</u> -
	Maintenance Expense		
	Customer Accounts Expense		
	Administrative and General Expense		
	Total Operating and Maintenance 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	\$	
F.	Balance Available for Coverage	\$	

XVIII. CURRENT OPERATING BUDGET - (SEWER SYSTEM) - EXISTING SYSTEM AND NEW USERS (1st Full Year of Operation) Year Ending

A.	Operating Income:	\$	
	Sewer Revenue		
	Late Charge Fees		
	Other (Describe)		
	Less Allowances and Deductions)
	Total Operating Income	\$	
B.	Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescri Regulatory Utility Commissioners)	bed by National Assoc	iation of
	Operation Expense	\$	
	Maintenance Expense		
	Customer Accounts Expense		
	Administrative and General Expense		
	Total Operating and Maintenance Expenses	\$	<u></u> -
	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	\$	

XIX. PROPOSED OPERATING BUDGET - (SEWER SYSTEM) - NEW USERS - EXTENSION ONLY (1st Full Year of Operation) Year Enging

A.	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 prescr Regulatory Utility Commissioners)	ibed by National Association of	
	Operation Expense	\$	
	Maintenance Expense		
	Customer Accounts Expense		
	Administrative and General Expense		
	Total Operating and Maintenance 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	\$	
F.	Balance Available for Coverage		

XXX.		RENT OPERATING BUDGET - (WATER SYSTEM) f the full operating year.)		2017_	
	A.	Operating Income:	\$		_
		Water Sales		764000	(1)
		Disconnect/Reconnect/Late Charge Fee			
		Other (Describe)			
		Less Allowances and Deductions	()
		Total Operating Income	\$	764000	
	B.	Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed Regulatory Utility Commissioners)	l by National A	association of	
		Source of Supply Expense	\$	388200	(2)
		Other Operation and Maintenance Expenses	\$	228800	(3)
		Capital Expenditures	\$	60000	(4)
		Taxes Other than Income	\$	13000	(1)
		Total Operating Expense	\$	690000	
		Net Operating Expense	\$	74000	
	C.	Non-Operating Income:			
		Interest on Deposits	\$	100	(1)
		Other (Identify)			
		Total Non-Operating Income	\$	100	
	D.	Net Income	\$	74100	
	E.	Debt Repayment:	\$		
		RUS Interest			
		RUS Principal			
		Non-RUS Interest		34000	(1)
		Non-RUS Principal		95000	(1)
		Total Debt Repayment	\$	129000	

-54900

F.

Balance Available for Coverage

- (1) From NHWD's 2017 Utility Operating Budget.
- (2) In 2016, NHWD purchased approximately 94,000,000 gallons from Madisonville at a rate of \$4.13/1000 or \$388,200 or the year. It is assumed that NHWD will purchase the same amount in 2017
- (3) NHWD's 2017 Budget included \$617,000 for O&M Expenses. This included \$388,200 for water purchase. This leaves \$228,800 for other O&M expenses.
- (4) In 2017, NHWD's capital expenditures were unusually high to cover SCADA System costs and other items.

XXXI. CURRENT OPERATING BUDGET - (WATER SYSTEM) - EXISTING SYSTEM AND NEW USERS (1st Full Year of Operation) Year Ending

A.	Operating Income:	\$
	Water Sales	
	Disconnect/Reconnect/Late Charge Fee	
	Other (Describe)	
	Less Allowances and Deductions	()
	Total Operating Income	\$
B.	Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescri Regulatory Utility Commissioners)	
	Source of Supply Expense	\$
	Pumping Expense	\$
	Water Treatment Expense	\$
	Transmission and Distribution Expense	\$
	Customer Accounts Expense	\$
	Administrative and General Expense	\$
	Total Operating Expense	\$
	Net Operating Expense	\$
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	\$
F.	Balance Available for Coverage	s

XXXII. PROPOSED OPERATING BUDGET - (WATER SYSTEM) - NEW USERS -EXTENSION ONLY (1st Full Year of Operation) Year Ending 2020 A. Operating Income: **Water Sales** 877000 Disconnect/Reconnect/Late Charge Fee Other (Describe) **Less Allowances and Deductions Total Operating Income** 877000 B. Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners) Source of Supply Expense 391000 (1) 250000 Other Operation and Maintenance Expenses (2) Capital Expenditures 30000 \$_____13000 Taxes Other than Income **Customer Accounts Expense** Administrative and General Expense **Total Operating Expense** 684000 **Net Operating Expense** 193000 C. Non-Operating Income: Interest on Deposits \$ 0 Other (Identify) 0 **Total Non-Operating Income** 0 D. Net Income \$____ 193000 E. **Debt Repayment: RUS Interest RUS Principal** 34200 (4) Non-RUS Interest 15355 Non-RUS Principal 110000

159555

Total Debt Repayment

F.	Short Lived Assets	\$ 8500
G.	Balance Available for Coverage	\$ 24945

- (1) In 2016, NHWD purchased 94,000,000 gallons from the City of Madisonville. Madisonville is in the process of requesting a \$0.26/1000 rate increase with PSC. This will increase there rate from \$4.13/1000 to \$4.39/1000. For this analysis, it is assumed that rate increased is approved. It is also assumed that with the completion of this project, NHWD will purchase 1/3 of its water from Webster County Water District at a rate of \$3.70/1000.
- (2) It is assumed O&M costs will increase 3% per year from 2017 Budget.
- (3) It is assumed that the Capital Expenditures will be half of the 2017 Budget.
- (3) RD Loan of \$855,000 @ 2.375% for 38 yrs. P&I Payment of \$34,200.

XXXIII. <u>ESTIMATED PROJECT COST - SEWER</u> (Round to nearest \$100)

	Collection	<u>Treatment</u>	<u>Total</u>
Development			
Land and Rights			
Legal			
Engineering			
Interest			· · · · · · · · · · · · · · · · · · ·
Contingencies			
Initial Operating and Maintenance			
Other			
TOTAL			
XXXIV. PROPOSED PROJECT FUNDIN	<u>G - SEWER</u>		
	Collection	<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	\$	880,000
	Land and Rights	<u></u>	5,000
	Legal		15,000
	Engineering		130,600
	Interest		10,000
	Contingencies	_	96,400
	Initial Operating and Maintenance	<u> </u>	
	Other		3,000
	TOTAL	\$	1,140,000
XXXVI.	PROPOSED PROJECT FUNDING		
	Applicant - User Connection Fees	\$	
	Other Applicant Contribution		
	RUS Loan		855,000
	RUS Grant		285,000
	ARC Grant (If Applicable)		
	CDBG (If Applicable)		
	Other (Specify)		
	Other (Specify)		
	TOTAL	\$	1,140,000