SUMMARY ADDENDUM

TO

PRELIMINARY ENGINEERING REPORT

DATED 3/2/2020	
FOR	
AC Water Line Replacement (Phase I) - V (Name of Project)	Vestern Fleming Water District
APPLICANT CONTACT PERSON	
APPLICANT PHONE NUMBER	
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

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.

GENER	<u>AL</u>
A.	Proposed Project: provide a brief descriptionn of he proposed project. In addition to this summary, the applicant/engineer should
<u>FACILI</u>	TY 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: \$
	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 siz	ze 6"8"				
	10"	12"	, Larger				
	Date(s) Constr	ucted					
F.	suitability for d	continued use of facilit	efly describe the conditions and ity now owned by the applicant. ill be needed within five to ten ye				
FACIL	LITY CHARACTERI	STICS OF EXISTING V	WATER SYSTEM				
	WFWD gets its	Contract if applicable. raw water from the Lick ed to purchase 3 millior					
	If the applicant purchases water:						
		outoriases water.					
	Seller(s):	OFODW(0				
	1.		C				
	/						
	3.						
	3.	00 gallons:	.86				
	3. Price/1,00	00 gallons: . \$1.8	.86				
	3. Price/1,00 1. 2. 3.	00 gallons: \$1.8					
B.	3. Price/1,00 1. 2. 3.	00 gallons: \$1.8	e of Existing System \$				

III.

	Standpipe	100,000 Othe	r	
	Number of Storage Structures	;	4	
	Total Storage Volume Capacit	ty <u>95</u>	0,000	
	Date Storage Tank(s) Constru	icted		
C.	Water Distribution System:			
	Pipe Material	AC, PVC and DI		
	Lineal Feet of Pipe: 3" Dia.	153,285	4"	259,765
	6"	145,144	8"	42,820
	10"	6,714	12" <u>& Up</u>	27,667
	Date(s) Wter Lines Constructe	ed <u>1960</u>	to 2000	
	Number and Capacity of Pum	p Station(s)	1	
D.	Condition of Existing Water Sy	ystem:		
	Briefly describe the condition a owned by the applicant. Inclufive to ten years.			-
	The water system is in relative	ely good shape exc	cept for the AC wat	er lines.
	WFWD continues to leaks and	d maintenance prol	blems with the AC	water line.
E.	Percentage of Water Loss Exi	sting System	13.09	9%

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

A. List of Bonds and Notes:

Date of Issue	Bond/Note Holder	Principal <u>Balance</u>	Payment <u>Date</u>	Bond Type <u>Water/Sewer*</u>	Amount on Deposit in Reserve Account
19 <u>80</u> Issue	RD	\$150,000		100_%%	
19 <u>88</u> Issue	RD	\$190,000		100_%%	
19 <u>97</u> Issue	RD	\$515,000		100_%%	
20 <u>02</u> Issue	RD	\$428,500		100_%%	
20 <u>04</u> Issue	RD	\$99,000		100_%%	
20 <u>10</u> Issue	KIA	\$2,197,254		100_%%	

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

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

The following is a schedule of long-term debt maturities based on 2015 Audit:

	Principal	Interest
2016	\$159,051	\$69,042
2017	\$161,016	\$65,412
2018	\$167,083	\$61,672
2019	\$174,861	\$57,712
2020	\$158,146	\$54,151
2021-2025	\$637,794	\$229,661
2026-2030	\$674,649	\$163,231
2031-2035	\$690,070	\$104,253
2036-2040	\$654,613	\$42,825
2014-2045	\$102,471	\$2,713

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 Less		Date of Issue (Month & Year)	Principal Balance	Purpo (Water or Sev	and/	Payment Date	&	rincipal Interest ment (P&I)	Date to Be Paid In Full
VI.	LAN	D AND RIGHTS - EX	KISTING S	<u>YSTEMS(S</u>	5)				
	Num	ber of Treatment Pla	ant Sites:	Water		1	Sewer		
	Num	ber of Storage Tank	Sites:	Water		3	Sewer		
	Number of Pump Stations:			Water		1	_ Sewer		
	Tota	l Acreage:		Water		Acres	Sewer		Acres
	Purchase Price:			Water			Sewer		
VII.	<u>NUM</u>	BER OF EXISTING	<u>USERS</u>					Water	Sewer
	i	Residential (In Town)*					1456	
	i	Residential (Out of T	own)*						
	1	Non-Residential (In ⁻	Γown)					23	
	i	Non-Residential (Ou	t of Town)						
	-	Total						1479	
	1	Number to Total Pot	ential Users	s Living in t	he Serv	ice 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.

Mete	r Size	Water Connection	on Fee	Sewer Connection	on Fee
5/8" >	x 3/4"	\$850		\$	
<u>1 - In</u>	ch	Actual Cost		\$	
SEWER RA	TES - EXIST	ING SYSTEM			
Percentage	e of Water Bi	II% N	//inimum C	harge \$	
ther: (If Cl	harge Not Ba	nsed on Water Bi	II)		
———— ate This R	ate Went Int	o Effect			
		NG SYSTEM			
		INO OTOTEM			
xisting Rate	e Schedule:				
irst	1000	Gallons @ \$	15.01	Min	mum
				Min	
lext	6000	Gallons @ \$	8.74	_	1,000 Gallons.
lext	6000	Gallons @ \$	8.74 7.16	per	1,000 Gallons. 1,000 Gallons.
lext	3000	Gallons @ \$ Gallons @ \$ Gallons @ \$	7.16	per per	1,000 Gallons. 1,000 Gallons. 1,000 Gallons.
lext	3000	Gallons @ \$ Gallons @ \$ Gallons @ \$ Gallons @ \$	7.16	per per per	1,000 Gallons. 1,000 Gallons. 1,000 Gallons. 1,000 Gallons.
lext	3000	Gallons @ \$	8.74 7.16	per per per per	1,000 Gallons. 1,000 Gallons. 1,000 Gallons. 1,000 Gallons. 1,000 Gallons.

Whole Sale Water Rate: \$1.63/1,000 Gallons

XI. <u>ANALYSIS OF ACTUAL SEWER USAGE - EXISTING SYSTEM - 12 MONTH PERIOD</u>

For Period to .

All Meter								
<u>Sizes</u>	Monthly S	ewe	r Usage	<u>Average</u>	Resid	lential	Non-Res	idential
					No. of	Usage	No. of	Usage
					Users	(1000)	Users	(1000)
	0	_	2,000	Gal.	1,000			
	2,000	_	3,000	Gal.	2,500			
	3,000	-	4,000	Gal.	3,500			
	4,000	-	5,000	Gal.	4,500			
	5,000	-	6,000	Gal.	5,500			
	6,000	-	7,000	Gal.	6,500			
	7,000	-	8,000	Gal.	7,500			
	8,000	-	9,000	Gal.	8,500			
	9,000	-	10,000	Gal.	9,500			
	10,000	-	11,000	Gal.	10,500			
	11,000	-	12,000	Gal.	11,500			
	12,000	-	13,000	Gal.	12,500			
	13,000	-	14,000	Gal.	13,500			
	14,000	-	15,000	Gal.	14,500			
	15,000	-	16,000	Gal.	15,500			
	16,000	-	17,000	Gal.	16,500			
	17,000	-	18,000	Gal.	17,500			
	18,000	-	19,000	Gal.	18,500			
	19,000	-	20,000	Gal.	19,500			
		<i>-</i>		Gal.				
		-		Gal.				
				Gal.				
				Total	()	()	()	()
			Average	e Usage		()		()

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

F	or Period <u>Jan :</u>	2019	to Dec 20)19	(See Note)		
All Mete	r						
Sizes	Monthly Water	· Usage	Average	Resid	ential	Non-Res	sidential
	-			No. of	Usage	No. of	Usage
				Users	(1000)	Users	(1000)
	0 -	1,000	Gal. 276.255	3,186	872.700	80	29.550
	1,000 -	7,000	Gal. 3287.9	9,624	31654.217	82	258.170
	7,000 -	10,000	Gal. 8264.46	812	6710.849	9	74.270
	All Over	10,000	Gal. 22594.4	1,063	22870.858	30	1824.800
			Gal.				
			Gal.				
			Total	14,685	62108.624	201	2186.790
		Average	e Usage		4.229		10.880
Whole	Sale					2	200368.5
Note: Residential and Non-Residential usage provided for June and July was bad. Therefore, it was							
	Total Water Pเ Total Water Sc		ınd/or Produced	_ _		<u> </u>	

XIII. FACILITY CHARACTERISTICS OF PROPOSED SEWER SYSTEM

XIV.

<i>A.</i>	Sewage Treatment:						
	1. Type						
	2. Method of Sludge Disposal						
	3. Cost per 1,000 gallons if sewag	ne treatment is contracted:					
	4. Date Constructed						
B.	Treatment Capacity of Sewage Tre	Treatment Capacity of Sewage Treatment Plant					
C.	Type of Sewage Collector System	(Describe)					
D.	Number and Capacity of Sewage I	Lift Stations					
E.	Sewage Collection System:						
	Lineal Feet of Collector Lines, by	size 6" 8 <u>"</u>					
	10"12"	, Larger					
LAND	AND RIGHTS - PROPOSED SEWER	<u>SYSTEM</u>					
Numb	er of Treatment Plant Sites						
Numb	er of Pump Sites						
Numb	per of Other Sites						
Total	Acreage	Acres					
Purch	ase Price	\$					

	A.	Water Source: Describe addes explanation of raw water sourcurrent level of production (V Contract if applicable.	rce, raw water	intake structure,	treatment plan	t capacity, and
		WFWD gets its raw water fro	m the Licking F	River		
	B.	Water Storage:				
		Type: Ground Storage Ta	ank	Elevated T	ank	
		Standpipe		Other	_	_
		Number of Storage Struct	ures			
		Total Storage Volume Ca	pacity			
	C.	Water Distribution System	1:			
		Pipe Material	PVC & Ductile	e Iron		
		Lineal Feet of Pipe: 3" Di	ameter	4"		_
		6"		8"	31,100	
		10"	11,900	12"		
		Number and Capacity of F	Pump Station(s)		N/A	
KVI.		D AND RIGHTS - PROPOSED ber of Treatment Plant Sites	WATER SYST	<u> </u>		
	Num	ber of Pump Sites		0		
	Num	ber of Other Sites		0		
	Total	Acreage		0		Acres
	Purc	hase Price	\$	N/A		

FACILITY CHARACTERISTICS OF PROPOSED WATER SYSTEM

XV.

A.

XVII.	NUMBER OF NEW SEWER	USERS	
	Residential (In Town)*		
	Residential (Out of Town)		
	Non-Residential (In Town)		
	Non-Residential (Out of To	own)	
	Total		
	Number to Total Potential	Users Living in the Service Area	
		Classify by type of user regard include those meters serving ind	- -
XVIII.	PROPOSED SEWER CONNECTION	NECTION FEES FOR EACH SIZE V	VATER METER
	Meter Size	Connection Fee	
	5/8" x 3/4	\$	
	<u>1 - Inch</u>	\$	
	1-1/2 Inch	\$	
	2 - Inch	\$	
	3 - Inch	\$	
	4 - Inch	\$	

5 - Inch

6 - Inch

\$

XIX. NUMBER OF NEW WATER USEF

Residential (In Town)*	0
Residential (Out of Town)*	0
Non-Residential (In Town)*	0
Non-Residential (Out of Town)*	0
Total	0
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 residences.

XX.

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

^{*} Note:

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

Proposed Rate S	chedule: (Without RUS Grant,	
First	Gallons @ \$	Minimum.
Next	Gallons @ \$	per 1,000 Gallons
Next		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
proposed rate wi preparer should Table (B).	ngineer desires, there is no ob ith an estimated RUS grant in t remember that the Table (A) al Pate Schedule with RUS Grant:	he Table below. However, bove must be completed pr
proposed rate wi preparer should Table (B). Recommended F	ith an estimated RUS grant in t remember that the Table (A) al Rate Schedule with RUS Grant:	he Table below. However, bove must be completed pr
proposed rate wi preparer should Table (B). Recommended F Percentage of W	ith an estimated RUS grant in t remember that the Table (A) al Rate Schedule with RUS Grant:	he Table below. However, bove must be completed pr
proposed rate wi preparer should Table (B). Recommended F Percentage of W	ith an estimated RUS grant in t remember that the Table (A) al Rate Schedule with RUS Grant: ater Bill% Minir	he Table below. However, bove must be completed pr
proposed rate wind preparer should Table (B). Recommended Forcentage of Wind Other: (If Charge	ith an estimated RUS grant in t remember that the Table (A) al Rate Schedule with RUS Grant: ater Bill% Minir	he Table below. However, bove must be completed pr mum Charge \$
proposed rate wind preparer should Table (B). Recommended F Percentage of Windows Other: (If Charge	ith an estimated RUS grant in t remember that the Table (A) al Rate Schedule with RUS Grant: ater BillMining Provide Not Based on Water Bill)	he Table below. However, bove must be completed pr mum Charge \$
proposed rate wipreparer should Table (B). Recommended Fercentage of Williams Other: (If Charge Recommended F	ith an estimated RUS grant in the remember that the Table (A) all Rate Schedule with RUS Grant: ater Bill Mining Not Based on Water Bill)	he Table below. However, bove must be completed promum Charge \$
proposed rate wind preparer should Table (B). Recommended Forcentage of Wind Charge Procentage of Wind Charge Procentage of Forcentage of For	ith an estimated RUS grant in the remember that the Table (A) all the Schedule with RUS Grant: ater Bill Mining Not Based on Water Bill) Rate Schedule: (With RUS Grant Gallons @\$	he Table below. However, bove must be completed promoted promoted promoted the completed promoted promoted the completed promoted promoted the complete promoted prom
proposed rate wind preparer should Table (B). Recommended Forcentage of Wind Charge Recommended Forst First Next Next	ith an estimated RUS grant in the remember that the Table (A) all Rate Schedule with RUS Grant: ater Bill Mining Not Based on Water Bill) Rate Schedule: (With RUS Grant Gallons @ \$ Gallons @ \$	he Table below. However, bove must be completed pronum Charge \$
proposed rate wipreparer should Table (B). Recommended Forcentage of Wight Charge Percentage of Wight Charge Percommended Forcentage of Forcentage of Wight Charge Percommended Forcentage Percommend	ith an estimated RUS grant in the remember that the Table (A) all remember that the Table (A)	the Table below. However, bove must be completed promuse the completed promum Charge \$ Minimum per 1,000 Gallons per 1,000 Gallons
proposed rate wind preparer should Table (B). Recommended Forcentage of Wind Charge Recommended Forcentage Recommended Forcentage Recommended Forcentage Recommended Forcentage Recommended Forcentage Recommended Forcentage	ith an estimated RUS grant in the remember that the Table (A) also remembers the Table (A) al	he Table below. However, bove must be completed promote must be completed promote for the complete promote for the comple

If more than one rate, use additional sheets.

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

A. Proposed Rate Schedule without RUS Grant:

First	1000	Gallons @ \$	Minimum.
Next	6000	Gallons @ \$	per 1,000 Gallons.
Next	3000	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	10000	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	1000	Gallons @ \$	18.63	_Minimum.
Next	6000	Gallons @ \$	10.28	_per 1,000 Gallons.
Next	3000	Gallons @ \$	8.46	_per 1,000 Gallons.
Next		Gallons @ \$		per 1,000 Gallons.
Next		Gallons @ \$		_per 1,000 Gallons.
Next		Gallons @ \$		per 1,000 Gallons.
All Over	10000	Gallons @ \$	6.77	per 1,000 Gallons.

If more than one rate, use additional sheets.

Whole Sale Rate

\$2.14 per 1,000 Gallons

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

Meter <u>Sizes</u>		<u>Sewer Usage</u>	Avera <u>Average</u> <u>Rate</u>	<u>Non-Residential</u> Income No. of Usage Income Users (1000)				
	0	- 2,000 Gallons	· —					
	2,000	- 3,000 Gallons						
	3,000	- 4,000 Gallons	· —					
	.,	- 5,000 Gallons	· —					
	-,	- 6,000 Gallons	· —					
	6,000	- 7,000 Gallons						
	7,000	- 8,000 Gallons						
	-,	- 9,000 Gallons						
- (0	0,000	- 10,000 Gallons	· —					
5/8	10,000	- 11,000 Gallons	· · · · · · · · · · · · · · · · · · ·					
X	11,000	- 12,000 Gallons	<u> </u>					
3/4	12,000	- 13,000 Gallons	· · · · · · · · · · · · · · · · · · ·					
Inch	,	- 14,000 Gallons	· —					
	14,000	- 15,000 Gallons	· —					
	15,000	- 16,000 Gallons	· —					
	16,000	- 17,000 Gallons	· —					
	17,000	- 18,000 Gallons	•					
	18,000	- 19,000 Gallons	· —					
	19,000	- 20,000 Gallons	· —					
		Gallons						
		Gallons						
		Gallons						
			Total	() ()	<u>()</u>	()	()	<u>()</u>
		Average Monthly		<u> </u>				
	-	Average Monthly U	sage	<u>()</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".

	- Gallons	
	- Gallons	
1-	- Gallons	
Inch	- Gallons	
	- Gallons	
	- Gallons	
	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	
	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".

6- Inch		Gallons Gallons Gallons Gallons Gallons Gallons Sub-Total)
		TOTALS		()	()	()	()	()	()
	billed as a typ	rpical user, the info ical residential use	er, please expl Number	ain below. Number		the r	eside	ntial i	Rev	enue		ve. If	not	
	billed as a typi	ical residential use	er, please expl	ain below.		the ro	eside	ntial i	Rev			ve. If	not	
	billed as a typ	ical residential use	er, please expl Number	ain below. Number		the r	eside	ntial i	Rev	enue		ve. If	not	
	billed as a typ	ical residential use	er, please expl Number	ain below. Number		the re	eside. 	ntial i	Rev	enue		ve. If	not	
	billed as a typ	ical residential use	er, please expl Number	ain below. Number		the re	eside	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 <u>Sizes*</u> <u>Monthly Sewer Usage</u>				2	Average <u>Average</u> <u>Rate</u> <u>Residential</u>			Non-Residential				
							No. of Users**	_	Income	No. of Users	Usage (1000)	Income
	0 2,000 3,000	- - -	2,000 Ga 3,000 Ga 4,000 Ga	allons	1,000 __ 2,500 __ 3,500							
	4,000	-	5,000 Ga		4,500							
	5,000 6,000	-	6,000 Ga 7,000 Ga		5,500 __ 6,500							
	7,000	-	8,000 Ga	allons	7,500							
	8,000	-	9,000 Ga		8,500							
	9,000	-	10,000 Ga	allons	9,500							
<i>5/</i> 8	10,000	-	11,000 Ga	allons	10,500							
X	11,000	-	12,000 Ga	allons	11,500							
3/4	12,000	-	13,000 Ga	allons	12,500							
Inch	13,000	-	14,000 Ga	allons	13,500							
	14,000	-	15,000 Ga	allons	14,500							
	15,000	-	16,000 Ga	allons	15,500							
	16,000	-	17,000 Ga	allons	16,500							
	17,000	-	18,000 Ga	allons	17,500							
	18,000	-	19,000 Ga	allons	18,500							
	19,000	-	20,000 Ga	allons	19,500							
		-	Ga	allons								
		-	Ga	allons								
		-	Ga	allons								
	<u></u>			Sub-T	otal		()	()	()	()	()	()
		-	Average Mo	nthly R	Rate _	()		_		<u> </u>	_	
		Αv	erage Mont	thly 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	
1-	- Gallons	
Inch	- Gallons	
	- Gallons	
	- Gallons	
	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	
	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".

6- Inch	- Gallons Sub-Tot)
	TOTALS	;	()	()	()	(<u>)</u>	()	()
	If billed as a typical user, t billed as a typical resident Name <u>of Unit</u>			d in the ro	esidential	Revo	nation enue culatio		e. 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".

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

All Me	eter				Average						
Sizes	* Monthly S	Sev	<u>wer Usage</u>	<u>Average</u>	Rate	Resid	<u>ential</u>		Non-Resi	<u>idential</u>	
						No. of	Usage	Income	No. of	Usage	Income
						Users**	(1000)		Users	(1000)	
5/8	0	-	1,000 Gallons	276	\$18.63	3186	872.700	\$59,355.18	80	29.550	\$1,490.40
Х	1,000	-	7,000 Gallons	3,288	\$42.15	9624	31654.217	\$405,787.78	82	258.170	\$3,338.86
3/4	7,000	-	10,000 Gallons	8,264	\$91.02	812	6710.849	\$73,907.84	9	74.270	\$818.23
Inch	All Over		10,000 Gallons	22,594	\$191.02	1063	22870.858	\$195,281.06	30	1824.800	\$13,499.47
		-	Gallons								
			Sub-To	otal .		14685	62108.624	\$734,331.86	201 0	2186.790	\$19,146.97
		A	Average Monthly Ra	ate	\$50.62						
		Αv	erage Monthly Usa	ige			4.229			10.880	
				-					_		
Custo	mer Incom	ne f	for 10 months		\$753,4	78.83					
Custo	mer Annu	al I	ncome		\$904,1	74 50					
Casio	ATTOL ATTITUO	ai I	Hoomic		ψ304, Ι	14.00					
Whole	e Sale								1	200,368.5	\$428,788.59

Annual Total Income \$1,332,963.18

Note: Residential and Non-Residential usage provided for June and July was bad. Therefore, it was not used.

	- Gallons	
-	- Gallons	
1-	- Gallons	
Inch	- Gallons	
-	- Gallons	
-	- Gallons	
-	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	
-	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".

6- Inch	- Gallons Sub-Tota)			<u> </u>)
	MULTI-FAMILY AND APAR If billed as a typical user, the billed as a typical residential	e information should e	e included in the	resident	tial informa	ation abo	ve. If no	t	
	Name <u>of Unit</u>	Number of Units	Number of Meters			Reveni <u>Calcula</u>			
			-						
		<u> </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".

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

Meter <u>Sizes*</u>	<u>Monthly</u>	<u>Se</u>	wer Usage	Average	Average <u>Rate</u>		lential Usage (1000)	Income	Non-F No. of Users	Residentia Usage (1000)	! Income
	0 2,000	-	2,000 Gallons 3,000 Gallons	1,000 2,500							
	3,000	_	4,000 Gallons	3,500							
		_	5,000 Gallons	4,500							
		_	6,000 Gallons	5,500							
		_	7,000 Gallons	6,500							
		-	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	,	-	14,000 Gallons	13,500							
	,000	-	15,000 Gallons	14,500							
	,	-	16,000 Gallons	15,500							
	. 0,000	-	17,000 Gallons	16,500							
	17,000	-	18,000 Gallons	17,500							
	.0,000	-	19,000 Gallons	18,500							
	19,000	-	20,000 Gallons	19,500							
			Gallons								
			Gallons								
			Gallons								
			Sub-To			()	()	()	()	()	()
			verage Monthly R		()		,			,	
	F	4٧6	erage Monthly Usa	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												
1-	- Gallons												
Inch	- Gallons												
	- Gallons												
	- Gallons								_				
	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												
	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".

6- Inch	- Gallons Sub-Tota)			<u> </u>)
	MULTI-FAMILY AND APAR If billed as a typical user, the billed as a typical residential	e information should e	e included in the	resident	tial informa	ation abo	ve. If no	t	
	Name <u>of Unit</u>	Number of Units	Number of Meters			Reveni <u>Calcula</u>			
			-						
		<u> </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".

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 prescribe Regulatory Utility Commissioners)	d b	ny 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	\$	

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

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

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

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

A.	Operating Income:	\$		
	Water Sales		1,126,000	
	Disconnect/Reconnect/Late Charge Fee			
	Other (Describe)			
	Less Allowances and Deductions	()
	Total Operating Income	\$	1,126,000	
В.	Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescrib Regulatory Utility Commissioners)	ed by National As	sociation of	
	Source of Supply Expense	\$	74,567	(1)
	Pumping Expense	\$		
	Water Treatment Expense	\$	615,094	(1)
	Transmission and Distribution Expense	\$		
	Customer Accounts Expense	\$		
	Administrative and General Expense	\$		
	Total Operating Expense	\$	689,661	
	Net Operating Expense	\$	436,339	
C.	Non-Operating Income:			
	Interest on Deposits	\$	3,264	(1)
	Other (Identify) Tap Fees		10,400	(1)
	Total Non-Operating Income	\$	13,664	
D.	Net Income	\$	450,003	
E.	Debt Repayment:	\$		
	RUS Interest			
	RUS Principal			
	Non-RUS Interest		87,882	(1)
	Non-RUS Principal		153,796	(1)
	Total Debt Repayment	\$	241,678	
F.	Balance Available for Coverage	\$	208,325	
(1) F	rom 2015 Audit.			

A.	Operating Income:	\$				
	Water Sales		1,333,000			
	Disconnect/Reconnect/Late Charge Fee					
	Total Operating Income	\$	1,333,000			
В.	Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)					
	Water Purchase	\$	96,017	(1)		
	Supply and Exp. Maint.	\$	1,097	(1)		
	Trans and Dist. Exp-Op.	\$	197,764	(1)		
	Trans and Dist. Exp-Maint	\$	13,749	(1)		
	Admin and Gen Exp	\$	166,534	(1)		
	Water Treatment Exp-Op	\$	547,067	(1)		
	Water Treatment Exp-Op	\$	34,550	(1)		
	Total Operating Expense	\$	1,056,779			
	Net Operating Expense	\$	276,221			
C.	Non-Operating Income:					
	Interest on Deposits	\$	3,200			
	Other (Identify) Tap Fees		10,000			
	Total Non-Operating Income	\$	13,200			
D.	Net Income	\$	289,421			
E.	Debt Repayment:	\$				
	RUS P&I (Distribution System)		27,376	(2)		
	RUS P&I (Treatment)		89,988	(2)		
	KIA P&I (Treatment)		102,705	(2)		
	RUS P&I (Distribution System)		33,410	(3)		
	Total Debt Repayment	\$	253,479			
F.	Short Lived Assets	\$	7,800			
F.	Balance Available for Coverage & Depreciation	\$	28,142	(4)		

⁽¹⁾ From 2019 Expenses plus a 5% increase

⁽²⁾ Information provided by WFWD

⁽³⁾ Assume RD Loan of \$810,000 @ 2.75% for 40yrs. P&I payment of \$33,410.

⁽⁴⁾ Short Lived Assets from Original Letter of Conditions

XXXII PROPOSED OPERATING BUDGET - (WATER SYSTEM) - NEW USERS -EXTENSION ONLY (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 prescribed by National Association of 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: 33410 **RUS Interest RUS Principal** Non-RUS Interest Non-RUS Principal Total Debt Repayment \$ -33410 -33410 ____ F. Balance Available for Coverage

⁽¹⁾ Assume RD Loan of \$810,000 @ 2.75% for 40yrs. P&I payment of \$33,410.

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

	<u>Collection</u>	<u>Treatment</u>	<u>Total</u>
Development			
Land and Rights			
Legal			
Engineering			
Interest			
Contingencies			
Initial Operating and Maintenance			
Other			
TOTAL			
XXXIV. PROPOSED PROJECT FUNDING - SEWER			
	<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 \$1,638,000 Development Land and Rights \$5,000 Legal/Admin. \$30,000 Engineering \$226,000 Interest \$10,000 Contingencies \$151,000 Initial Operating and Maintenance Other \$20,000 **TOTAL** \$2,080,000 XXXVI. PROPOSED PROJECT FUNDING Applicant - User Connection Fees Other Applicant Contribution RUS Loan \$810,000 **RUS Grant** \$270,000 ARC Grant (If Applicable) \$300,000 CDBG (If Applicable) \$700,000 Other (Specify) Other (Specify) TOTAL \$2,080,000