KENTUCKY Guide 7
MAY 1998

SUMMARY ADDENDUM

TO

PRELIMINARY ENGINEERING REPORT

DATED 19-Oct-17

FOR

North Hopkins Water District
(Name of Project)

APPLICANT CONTACT PERSON David Adams, Chairman

APPLICANT PHONE NUMBER (270) 825-1623

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***

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. FACILITY CHARACTERISTICS OF EXISTING SEWER SYSTEM N/A

A. Sewage Treatment:

1. Type _____

2. Method of Sludge Disposal _____

_____

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

$ _____

4. Date Constructed _____

B. Treatment Capacity of Sewage Treatment Plant _____

C. Type of Sewage Collector System (Describe) _____

_____

_____

D. Number and Capacity of Sewage Lift Stations _____

_____

E. ***Sewage Collection System:***

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

10" _____ ***12"*** _____, ***Larger*** _____

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.

Currently, NHWD purchases all of its water from the City of Madisonville. The water purchased is already out of compliance at the purchase point.

_____

If the applicant purchases water:

Seller(s):

1. City of Madisonville
2. _____
3. _____

Price/1,000 gallons:

1. $4.39
2. _____
3. _____

Present Estimated Market Value of Existing System $ _____

B. Water Storage:

Type: Ground Storage Tank _____ Elevated Tank 4

Standpipe _____ Other _____

Number of Storage Structures 4

Total Storage Volume Capacity 400,000 gallons

Date Storage Tank(s) Constructed _____

C. Water Distribution System:

Pipe Material

Lineal Feet of Pipe: 2"-3" 122,900 4" 358,700

6" 245,900 8" 95,000

10" _____ 12" _____

Date(s) Wter Lines Constructed _____

Number and Capacity of Pump Station(s) 3

1-250 gpm, 1-200 gpm & 1-150 gpm

D. Condition of Existing Water System:

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

The existing system is in relatively good shape and we don't anticipate and major renovations in the next 5 years.

E. Percentage of Water Loss Existing System _____

IV. EXISTING LONG-TERM INDEBTEDNESS

A. List of Bonds and Notes:

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

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

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

		Payment Year 20 18		Payment Year 20 19		Payment Year 20 20	
Date of Issue	Bond/Note Holder	Principal Payment	Interest Payment	Principal Payment	Interest Payment	Principal Payment	Interest Payment
20 10 Issue	KRWA	105000	21970	105000	18715	110000	15355
20 Issue							
20 Issue							
20 Issue							
20 Issue							

V. EXISTING SHORT-TERM INDEBTEDNESS

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

Lender or Lessor	Date of Issue (Month & Year)	Principal Balance	Purpose (Water and/ or Sewer)	Payment Date	Principal & Interest Payment (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)*		
Residential (Out of Town)*	1271	
Non-Residential (In Town)		
Non-Residential (Out of Town)	30	
Total	1301	
Number to Total Potential Users Living in the Service 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.

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"	$	$
1 - Inch	$	$

IX. SEWER RATES - EXISTING SYSTEM N/A

Percentage of Water Bill _____ ***% Minimum Charge $*** _____

Other: (If Charge Not Based on Water Bill) _____

_____

Date This Rate Went Into Effect _____

X. WATER RATES - EXISTING SYSTEM **(See Attached)**

Existing Rate Schedule:

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.

Date This Rate Went Into Effect _____

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

EXISTING WATER RATES

5/8" x 3/4" Meter

First	2,000	Gallons	$24.38 Min. Bill
Next	2,000	Gallons	$11.89 per 1,000 gallons
Next	3,000	Gallons	$9.54 per 1,000 gallons
Next	3,000	Gallons	$8.39 per 1,000 gallons
All Over	10,000	Gallons	$6.59 per 1,000 gallons

3/4" Meter

First	3,000	Gallons	$36.27 Min. Bill
Next	1,000	Gallons	$11.89 per 1,000 gallons
Next	3,000	Gallons	$9.54 per 1,000 gallons
Next	3,000	Gallons	$8.39 per 1,000 gallons
All Over	10,000	Gallons	$6.59 per 1,000 gallons

1" Meter

First	5,000	Gallons	$57.70 Min. Bill
Next	2,000	Gallons	$9.54 per 1,000 gallons
Next	3,000	Gallons	$8.39 per 1,000 gallons
All Over	10,000	Gallons	$6.59 per 1,000 gallons

1-1/2" Meter

First	10,000	Gallons	$101.95 Min. Bill
All Over	10,000	Gallons	$6.59 per 1,000 gallons

2" Meter

First	15,000	Gallons	$134.90 Min. Bill
All Over	15,000	Gallons	$6.59 per 1,000 gallons

3" Meter

First	30,000	Gallons	$233.75 Min. Bill
All Over	15,000	Gallons	$6.59 per 1,000 gallons

Date these rates went into effect: 15-Mar-16

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

For Period _____ to _____ .

All Meter Sizes	Monthly Sewer Usage		Average	Residential		Non-Residential	
				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			
	19,000 -	20,000	Gallons	19,500			
	_____ -	_____	Gallons	_____			
	_____ -	_____	Gallons	_____			
	_____ -	_____	Gallons	_____			
			Total	(____)	(____)	(____)	(____)
			Average Usage		(____)		(____)

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

For Period _____ to _____ .

All Meter Sizes	Monthly Water Usage		Average	Residential		Non-Residential	
				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			
	19,000 -	20,000	Gallons	19,500			
	_____ -	_____	Gallons	_____			
	_____ -	_____	Gallons	_____			
	_____ -	_____	Gallons	_____			
			Total	(_____)	(_____)	(_____)	(_____)
			Average Usage		(_____)		(_____)

Total Water Purchased and/or Produced _____ _____

Total Water Sold _____ _____

XIII. FACILITY CHARACTERISTICS OF PROPOSED SEWER SYSTEM N/A

A. Sewage Treatment:

1. Type _____

2. Method of Sludge Disposal _____

_____

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

$ _____

4. Date Constructed _____

B. Treatment Capacity of Sewage Treatment Plant _____

C. Type of Sewage Collector System (Describe) _____

_____

_____

D. Number and Capacity of Sewage Lift Stations _____

_____

E. Sewage Collection System:

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

10" _____ 12" _____, Larger _____

XIV. LAND AND RIGHTS - PROPOSED SEWER SYSTEM N/A

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. 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.

B. Water Storage:

Type: Ground Storage Tank _____ 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" _____

Number and Capacity of Pump Station(s) 1-225 gpm

XVI. LAND AND RIGHTS - PROPOSED WATER SYSTEM

Number of Treatment Plant Sites 0

Number of Pump Sites 1

Number of Other Sites 0

Total Acreage <0.1 Acres

Purchase Price $ unknown

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

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

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. NUMBER OF NEW WATER USERS

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

* Note:

Residential Users: Classify by type of user regardless of quantity of water used. This classificaiton 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	$

XXI. SEWER RATES - PROPOSED N/A

A. Proposed Rate Schedule without RUS Grant:
Percent of Water Bill _____% Minimum charge $ _____
Other: (If Charge Not Based on Water Bill) _____

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:
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

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" Meter

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	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

1" Meter

First	5,000	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

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" Meter

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	3,000	Gallons	$41.15 Min. Bill
Next	1,000	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

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

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

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 Sizes*	Monthly Sewer Usage	Average	Average Rate	Residential			Non-Residential		
				No. of Users**	Usage (1000)	Income	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							
	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			( )	( )	( )	( )	( )	( )
	Average Monthly Rate		( )						
	Average Monthly Usage				( )			( )	

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

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

1-Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	Sub-Total		( )	( )	( )	( )	( )	( )		
1-1/2 Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	Sub-Total		( )	( )	( )	( )	( )	( )		
2-Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	Sub-Total		( )	( )	( )	( )	( )	( )		
3-Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	Sub-Total		( )	( )	( )	( )	( )	( )		
4-Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	Sub-Total		( )	( )	( )	( )	( )	( )		
5-Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ 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	_____	_____	_____	_____	_____	_____	_____	_____	_____
6-	_____ - _____	Gallons	_____	_____	_____	_____	_____	_____	_____	_____	_____
Inch	_____ - _____	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 of Unit	Number of Units	Number of Meters	Revenue Calculations
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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

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

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

Meter Sizes*	Monthly Sewer Usage	Average	Average Rate	Residential			Non-Residential		
				No. of Users**	Usage (1000)	Income	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							
	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			( )	( )	( )	( )	( )	( )
	Average Monthly Rate		( )						
	Average Monthly Usage				( )			( )	

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

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

	_____ - _____ 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".***

	______ - ______	Gallons ______	______	______	______	______	______	______	______
	______ - ______	Gallons ______	______	______	______	______	______	______	______
6- Inch	______ - ______	Gallons ______	______	______	______	______	______	______	______
	______ - ______	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 of Unit	*Number of Units*	*Number of Meters*	*Revenue Calculations*

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

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

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

Meter Sizes*	Monthly Water Usage	Average	Average Rate	Residential No. of Users**	Residential Usage (1000)	Residential Income	Non-Residential No. of Users	Non-Residential Usage (1000)	Non-Residential Income
5/8	0 - 2,000 Gallons	1,066	$ 28.80	4200	4532.91	$ 120,960.00	125	76.94	$ 3,600.00
x	2,000 - 4,000 Gallons	2,961	$ 40.66	5812	17219.05	$ 236,484.47	29	74.39	$ 1,037.62
3/4	4,000 - 7,000 Gallons	5,343	$ 66.93	4103	21913.69	$ 274,527.40	19	108.38	$ 1,340.30
Inch	7,000 - 10,000 Gallons	9,520	$ 105.81	621	5913.87	$ 65,720.30	6	55.44	$ 619.94
	Over - 10,000 Gallons	23,465	$ 204.98	335	7819.39	$ 68,375.95	15	393.43	$ 3,366.93
	Sub-Total			15071	57398.91	$ 766,068.12	194	708.58	$ 9,964.79
	Average Monthly Rate		( )						
	Average Monthly Usage				( )			( )	

Meter Sizes*	Monthly Water Usage	Average	Average Rate	Residential No. of Users**	Residential Usage (1000)	Residential Income	Non-Residential No. of Users	Non-Residential Usage (1000)	Non-Residential Income
	0 - 3,000 Gallons	#DIV/0!				0.00			0.00
	3,000 - 4,000 Gallons	#DIV/0!				0.00			0.00
3/4	4,000 - 7,000 Gallons	#DIV/0!				0.00			0.00
Inch	7,000 - 10,000 Gallons	#DIV/0!				0.00			0.00
	Over - 10,000 Gallons	#DIV/0!				0.00			0.00
	Sub-Total			0	0	0.00	0	0	0.00
	Average Monthly Rate		( )						
	Average Monthly Usage				( )			( )	

Meter Sizes*	Monthly Water Usage	Average	Average Rate	Residential No. of Users**	Residential Usage (1000)	Residential Income	Non-Residential No. of Users	Non-Residential Usage (1000)	Non-Residential Income
	0 - 5,000 Gallons	1,984	$ 63.50	76	199.74	$ 4,826.00	57	64.14	$ 3,619.50
1	5,000 - 7,000 Gallons	6,964	$ 83.14	14	97.49	$ 1,163.90		0	$ -
Inch	7,000 - 10,000 Gallons	8,004	$ 92.38	12	106.83	$ 1,204.05	14	101.27	$ 1,197.94
	Over - 10,000 Gallons	92,754	$ 693.47	22	487.52	$ 4,307.12	39	5170.5	$ 37,994.26
	Sub-Total			124	891.58	$ 11,501.06	110	5335.9	$ 42,811.70
	Average Monthly Rate		( )						
	Average Monthly Usage				( )			( )	

Meter Sizes*	Monthly Water Usage	Average	Average Rate	Residential No. of Users**	Residential Usage (1000)	Residential Income	Non-Residential No. of Users	Non-Residential Usage (1000)	Non-Residential Income
	0 - 10,000 Gallons	2,853	$ 110.05	21	62.08	$ 2,311.05	23	63.46	$ 2,531.15
1-1/2	Over - 10,000 Gallons	41,460	$ 331.85	21	1014.96	$ 7,986.02	13	394.69	$ 3,296.71
Inch	Sub-Total			42	1077.04	$ 10,297.07	36	458.15	$ 5,827.86
	Average Monthly Rate		( )						
	Average Monthly Usage				( )			( )	

Meter Sizes*	Monthly Water Usage	Average	Average Rate	Residential No. of Users**	Residential Usage (1000)	Residential Income	Non-Residential No. of Users	Non-Residential Usage (1000)	Non-Residential Income
	0 - 15,000 Gallons	2,733	$ 145.30	3	8.2	$ 435.90	0		$ -
2 Inch	Over - 15,000 Gallons	119,770	$ 883.93	10	1230.3	$ 9,069.12	10	1165.1	$ 8,609.46
	Sub-Total			13	1238.5	$ 9,505.02	10	1165.1	$ 8,609.46
	Average Monthly Rate		( )						
	Average Monthly Usage				( )			( )	

Meter Sizes*	Monthly Water Usage	Average	Average Rate	Residential No. of Users**	Residential Usage (1000)	Residential Income	Non-Residential No. of Users	Non-Residential Usage (1000)	Non-Residential Income
	0 - 30,000 Gallons	6,610	$ 251.05			0	2	13.22	502.10
3 Inch	Over - 30,000 Gallons	157,650	$ 1,150.98			0	10	1576.5	11509.83
	Sub-Total			0	0	0	12	1589.7	$ 12,011.93
	Average Monthly Rate		( )						
	Average Monthly Usage				( )			( )	

1-Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	Sub-Total		( )	( )	( )	( )	( )	( )		
1-1/2 Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	Sub-Total		( )	( )	( )	( )	( )	( )		
2-Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	Sub-Total		( )	( )	( )	( )	( )	( )		
3-Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	Sub-Total		( )	( )	( )	( )	( )	( )		
4-Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	Sub-Total		( )	( )	( )	( )	( )	( )		
5-Inch	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ Gallons									
	____ - ____ 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			( )	( )	( )	( )	( )	( )		

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 of Unit	Number of Units	Number of Meters	Revenue Calculations

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

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

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

Meter Sizes*	Monthly Water Usage	Average	Average Rate	Residential			Non-Residential		
				No. of Users**	Usage (1000)	Income	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							
	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			( )	( )	( )	( )	( )	( )
	Average Monthly Rate		( )						
	Average Monthly Usage				( )			( )	

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

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

	______ - ______	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 not required unless different sewer rates are charged based on size of water meter.

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

	______	- ______	Gallons	______	______	______	______	______	______	______	______
	______	- ______	Gallons	______	______	______	______	______	______	______	______
6-	______	- ______	Gallons	______	______	______	______	______	______	______	______
Inch	______	- ______	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 of Unit	Number of Units	Number of Meters	Revenue Calculations
______	______	______	______
______	______	______	______
______	______	______	______
______	______	______	______
______	______	______	______
______	______	______	______
______	______	______	______

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

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

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 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:***	
	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 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:*	
	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. ***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	$ _____
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:*	
	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. CURRENT OPERATING BUDGET - (WATER SYSTEM)

(As of 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 by National Association of Regulatory Utility Commissioners)		
	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	
F.	Balance Available for Coverage	$ -54900	

(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 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:	$ _____
	RUS Interest	_____
	RUS Principal	_____
	Non-RUS Interest	_____
	Non-RUS Principal	_____
	Total Debt Repayment	$ _____
F.	Balance Available for Coverage	$ _____

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)
	Other Operation and Maintenance Expenses	$	250000 (2)
	Capital Expenditures	$	30000 (3)
	Taxes Other than Income	$	13000
	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
	Total Debt Repayment	$	159555

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

	Collection	Treatment	Total
Development			
Land and Rights			
Legal			
Engineering			
Interest			
Contingencies			
Initial Operating and Maintenance			
Other			
TOTAL			

XXXIV. PROPOSED PROJECT FUNDING - SEWER

	Collection	Treatment	Total
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	5,000
Legal	15,000
Engineering	130,600
Interest	10,000
Contingencies	96,400
Initial Operating and Maintenance	
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