#### SUMMARY ADDENDUM

TO

#### PRELIMINARY ENGINEERING REPORT

DATED March 2019						
FOR						
Western Mason Water District - Water System Improvements (Name of Project)						
APPLICANT CONTACT PERSON David French, General Manager						
APPLICANT PHONE NUMBER (606) 882-3141						
APPLICANT TAX IDENTIFICATION NUMBER (TIN) 61-1088065						

#### ITEMS IN BOLD ITALIC PRINT ARE APPLICABLE TO SEWER SYSTEMS.

In order to avoid unnecessary delays in application processing, the applicant and its consulting engineer should prepare a summary of the preliminary report in accordance with this Guide.

Please complete the applicable sections of the Summary Addendum. Please note, if water and sewer revenue will <u>both</u> be taken as security for the loan, all user information and characteristics of <u>both</u> utility systems will be needed even though the project will benefit only <u>one</u> utility.

Feasibility reviews and grant determinations may be processed more accurately and more rapidly if the Summary/Addendum is submitted simultaneously with the preliminary engineering report, or as soon thereafter as possible.

#### I. GENERAL

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

The proposed project is to upgrade and replace the transmission mains that serve many portions of the WMWD system. The majority of these transmission mains are of asbestos cement material and have been in service for over fifty years. Additionally, some of these mains are undersized for the volume of water that needs to be transported through this area. These mains are scattered throughout the distribution system and are present in seven different areas.

Of the seven areas of replacement to be conducted, six of these will include improvement in pipe size. These six areas are somewhat centrally located in the WMWD distribution system around the city of Minerva. The WMWD system distributes water in many directions outwards from Dover and these improvements will allow for additional volume to be delivered while also improving water quality. The improvements will also allow WMWD to have additional contingencies to serve their customer base in the event of an emergency.

Additionally, the project will replace approximately 275 customer services that are older and are susceptible to various malfunctions due to the age. These replacements will include automatic meter reading equipment which in turn will help to reduce the District's overall operating expenses.

Lastly, should project funds be available the District will seek to conduct tank inspections and necessary repairs such as recoating of tank interiors. Some of the District's booster pump stations may also be retrofitted to utilized variable frequency drives (VFDs) and potential electrical configuration to allow for installation of emergency generators.

<i>II</i> .	FACILITY CHARACTERISTICS OF EXISTING SEWER SYSTEM	NA

<i>~</i> .	Sewage Treatment:
1.	Type
2.	Method of Sludge Disposal
3.	Cost per 1,000 gallons if sewage treatment is contracted:
	<b>S</b>
1	Date Constructed

В.	Treatment C	Capacity of S	ewage Treatment Plant						
С.	. Type of Sewage Collector System (Describe)								
D.	Number and	Capacity of	Sewage Lift Stations						
E.	Sewage Coll	ection Syster	m:						
	Lineal Feet	of Collector	Lines, by size 6" 8"						
	10"	12"	, Larger						
	Date(s) Cons								
F.			ystem: Briefly describe the cond now owned by the applicant. Inc	• •					
			n five to ten years.						
	***************************************	The state of the s	ifire to ten years.						
FA	CILITY CHA	RACTERIST	TICS OF EXISTING WATER SY	<u> (STEM</u>					
A.	Water Source	: Describe a	adequacy of source (quality and qu	ıantity). Include an					
	explanation of	f raw water s	source, raw water intake structure	, treatment plant capacity,					
			ction (WTP). Also describe the a						
	Contract if ap								
	The raw water	er source are	e wells located near the Ohio Riv	ver and are operated by the					
			strict. The quantity and quality are						
	capacity is 0.	750 MGD. T	he average production is approxi	mately 0.350 MGD.					
	If the applica	nt purchases	water:						
	Seller(s):								
	1. <u>Ci</u>	ty of Maysvi	lle						
	Price/1,00	0 gallons:							
	1.	\$2.34							
	Present Es	stimated Mar	ket Value of Existing System: \$	6,494,612.00					

Ш.

B.	Water Storage:			
	Type: Ground Storage Tank	_ Elevated Tan	k	
	Standpipe4	Other		
	Number of Storage Structures	4		
	Total Storage Volume Capacity	490,000 Gall	ons	
	Date Storage Tank(s) Constructed	1988 and 20	08	
C.	Water Distribution System:			
	Pipe Material AC, P	VC, DI		
	Lineal Feet of Pipe: 2" & 3" Diameter _	108,000	4"	79,000
	6"141,00	00	8"	60,000
	10"7,000		. 12"	
	All pipe footage is an estimate only.			
	Date(s) Water Lines Constructed	1958 -	- present	
	Number and Capacity of Pump Station(s)	4; 1,49	0 gpm	
D.	Condition of Existing Water System:			
	Briefly describe the condition and suitabi	lity for continu	ed use of fa	cility now owned
	by the applicant. Include any major reno	vation that will	be needed v	within five to ten
	years.			
	The Western Mason Water District	's system is	currently	in fair condition.
	Renovations/upgrades over the next five	to ten years wil	l continue to	o improve the older,
	undersized sections of the system and pro	vide a safe, reli	able source	of drinking water to
	the customers.			
E.	Percentage of Water Loss Existing Syster	n <u>7%</u>		

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

#### A. List of Bonds and Notes:

Date of Issue	Bond/Note <u>Holder</u>	Principal <u>Balance</u>	•	nd Type er/Sewer*	De	ount on posit in ve Account
1988 Issue	USDA RD	\$183,000	January (Annually)	100_%	<u>5.75</u> %	\$
1997 Issue	USDA RD	<u>\$142,000</u>	January (Annually)	100 %_	4.88 %	\$
<u>2001 Issue</u>	<u>USDA RD</u>	\$211,000	Semi-Annual	<u>100</u> %	4.75 %	\$
<u>2007 Issue</u>	<u>USDA RD</u>	\$1,158,000	January (Annually)	100 %_	4.375 %	\$
2007 Issue	<u>USDA RD</u>	\$243,000	January (Annually)	<u>100</u> %	4.13 %	\$
<u>2010 Issue</u>	USDA RD	<u>\$651,500</u>	Semi-Annual	100 %_	3.50 %	\$
<u>2014</u>	Bank Loan	<u>\$64,273</u>	January (Annually)	100 %	<u>4.00</u> %	\$
2017	Bank Loan	<u>\$43,566</u>	January (Annually)	100 %	3.50 %	\$
2012 KIA	KIA Fund F	<u>\$169,961</u>	Semi-Annual	100 %	2.00 %	\$

<sup>\*</sup> If a combined issue, show attributable portion to each system.

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

		Payment Year <b>2019</b>		Payment Year <b>2020</b>		Payment Year <b>2021</b>	
Date	Bond/Note	Principal	Interest	Principal	Interest	Principal	Interest
of Issue	<u>Holder</u>	<u>Payment</u>	<u>Payment</u>	<u>Payment</u>	<u>Payment</u>	<u>Payment</u>	Payment
1988 Issue	USRD	13,000	9,833	14,000	9,085	15,000	8,280
1997 Issue	USRD	5,000	6,679	5,500	6,435	5,500	6,167
2001 Issue	USRD	5,000	9,809	5,000	9,571	5,500	9,334
2007 Issue	USRD	18,000	44,888	19,000	44,100	20,000	43,269
2007 Issue	USRD	4,000	8,818	4,000	8,652	4,500	8,487
2010 Issue	USRD	11,000	19,215	11,500	18,885	12,000	18,540
2014	Bank Loan	10,649	2,233	10,649	1,896	10,649	1,546
2017	Bank Loan	17,431	252				
2012 KIA	KIA Fund F	10,847	3,133	11,065	2,915	11,287	2,692
Total		\$94,927	104,860 (5)	80,714	101,539	<u>84,436</u>	98,315

### V. EXISTING SHORT-TERM INDEBTEDNESS

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

Lend or Les		Date of Issue (Month & Year)	Principal Balance	Purp (Wate or Se	r and/	Payment  Date	Principal & Interest Payment (P&I)	Date to Be Paid In Full
VI.	LAN	D AND RIGHTS	- EXISTING	G SYST	EM(S)			
	Num	ber of Treatment l	Plant Sites:	Water			Sewer	
	Num	ber of Storage Tar	nk Sites	Water		4	Sewer	
	Num	ber of Pump Statio	ons:	Water		4	Sewer	
	Total	Acreage:		Water		10 Acres	Sewer	Acres
	Purch	nase Price:		Water	\$		Sewer \$	
VII.	NUM	IBER OF EXISTI	NG USERS					
							Water	Sewer
	Resid	lential (In Town)	ŧ			-		•
	Resid	ential (Out of Tov	wn) *			•	1,040	•
	Non-l	Residential (In To	wn)			-		
	Non-l	Residential (Out o	f Town)			-	16	
	Total					_	1,056	
	Numb	per to Total Potent	tial Users Li	ving in t	he Ser	vice Area	1,250	•
	*Note	e: <u>Residential</u> This classif residence.	<u>Users</u> : Clas ication shou	sify by t	ype of de thos	user regardle e meters serv	ess of quantity of ving individual r	f water used. ural

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

	Meter Size	Water Cor	mection Fee	Sewer Conne	ction Fee
	5/8" x 3/4"	\$ 750.00 (R		<u>\$</u>	
IX.	SEWER RATES	\$ S - EXISTING S	<u>YSTEM</u>	<u>\$</u> N/A	
		ater Bill ge Not Based on		num Charge \$	
			***************************************		
X.	WATER RATES	- EXISTING SY	STEM		
	Existing Rate Sci	nedule:			
		All Users first 2,000 next 8,000 over 10,000	5.79	minimum per 1,000 gallons per 1,000 gallons	
	!	Bulk Sales	6.10	per 1,000 gallons	

Date This Rate Went Into Effect May 15, 2016

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

#### For Period <u>01/01/2017</u> to <u>12/31/2017</u>.

		Resi	dential		Com	mercial		Who	lesale		Е	lulk
MONTHLY WATER USAGE		No. of	Usage		No. of	Usage		No. of	Usage		No. of	Usage
	Average	Users	1,000	Average	Users	1,000	Average	Users	1,000	Average	Users	1,000
5/8 x 3/4 meter												
0 - 2,000 Gal.	989	328	324	1,950	5	10						
2,000 - 10,000 Gal.	4,143	634	2,627	4,862	6	29				100,471	2	201
10,000 & Over Gal.	12,172	78	949	57,225	5	286	838,333	1	838			
	Subtotal	1040	3,900		16	325		1	838		2	201
Average Monthly Usage			3,750			20,315			838,333			100,47
	Totals	1040	3900.5		16	325.047		1	838.33		2	200.94

#### 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.

W	ater Supply described in Section I	II-A.				
В.	Water Storage:					
	Type: Ground Storage Tank		4	_ Elevated 7	Tank	
	Standpipe			Other		· · · · · · · · · · · · · · · · · · ·
	Number of Storage Structures		4			
	Total Storage Volume Capacity					
C.	Water Distribution System:					
	Pipe Material PVC, AC, DI					
	Lineal Feet of Pipe: 3" Diameter	r	108,000	4"_	79,000	
	6"141,0	00		8"	60,000	
	10"		···	12"		
	Number and Capacity of Pump S	Station	n(s)4; 14	90 gpm		
LA	ND AND RIGHTS - PROPOSEI	) WA	TER SYSTE	<u>EM</u>		
Nu	mber of Treatment Plant Sites		0			
Nu	mber of Pump Sites		0			
Nu	mber of Other Sites		0			
Tot	tal Acreage		0			Acres
Pur	chase Price	\$	0			

XVI.

#### 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 Total Potential Users Living in the Service Area	0

\*Note:

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

residences.

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

Meter Size	Connection Fee
5/8" x 3/4"	\$ 750.00
1 - Inch	\$ Actual Cost
1-1/2 Inch	\$ Actual Cost
2 - Inch	\$ Actual Cost
<u>3 - Inch</u>	\$
4 - Inch	\$
5 - Inch	\$
6 - Inch	\$

#### XXII. WATER RATES - PROPOSED

#### A. Proposed Rate Schedule without RUS Grant:

All Users		
first 2,000	45.79	minimum
next 8,000	6.66	per 1,000 gallons
over 10,000	5.83	per 1,000 gallons
Della Octo		
Bulk Sales	7.02	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:

All Users		
first 2,000	44.60	minimum
next 8,000	6.48	per 1,000 gallons
over 10,000	5.68	per 1,000 gallons
5 " 6 .		
Bulk Sales	6.83	per 1,000 gallons

<u>USERS</u>

	Average Monthly Usage	Average Monthly Rate		Buik	10,000 Gal. & Over	2,000 - 10,000 Gal.	0 - 2,000 Gal.	5/8 x 3/4 meter		MONTHLY WATER USAGE
Totals			Sub-Total		12,172	4,143	989		AVERAGE Residential Commercial Wholesale	GE
					57,225	4,862	1,950		AGE Commercial	
					838,333				Wholesale	
				100,471					B.	
		S 55.94			S 10971 S 4	S 58 49 S	S 44 60 S			
					401 66	63.15	44 60		Residential Commercial Wholesale	AVERAGE
				\$686 22					Buk	
1,040			1 040		78	23	328		No. of Users	
3,900	3,750		3,900		949	2,627	324		Usage 1,000	Residential
3,900 \$60,267			3,900 \$60,267		8,558	37,081	14 629		Income No. of Users	
के		_	16		Çī	o	C)		No. of	
œ	5,666		91		62	25	c.n		Usage 1,000	Commercial
91 \$2,610			91 \$2,610		2,008		223		income	
_			-4	- i	_				Income No. of Users	
200	838,333		823		833				Usage 1,000	Wholesale
838 \$1.115			838 \$1,115		135				Income No. of	
~			2	2					_	
22	100,471		- 1	201				- 1		B.
\$1.372			\$1,372	201 1,372					income	

		T - (WATER SYSTEM) -	Year Ending 20	017
			3 -	
Α.	Operating Income:			
	Water Sales		\$	699,09
	Disconnect/Reconn	ect/Late Charge Fees	\$	23,93
	Other (Describe)	customer tap fees	\$	4,50
	Less All	owances and Deductions		
	Total Operating Inco	ome	\$	727,52
В.		tenance Expenses:		
	(Based on Uniform	System of Accounts prescribed by N	lational	
	Association of Reg	gulatory Utility Commissioners)		
	Operation Expense		\$	427,12
	Maintenance Expen		\$	30,48
	Customer Accounts			
	Administrative and (	General Expense	\$	44,236
	Total Operating Exp	enses	\$	501,848
	Net Operating Incom	ne	\$	225,676
C.	Non-Operating Incor	me:		
	Interest on Deposits		\$	8
	Other (Identify)	Sewer Billing Fees	\$	11,940
		Gain (loss) on disposal of assets	\$	(920
	T-4-1N O "			
	Total Non-Operating	Income	\$	11,028
D.	Not Income			
D,	Net Income		\$	236,704
E.	Dobt Bonovment			
b	Debt Repayment:			
	RUS Interest			0.4.770
	RUS Principal		\$	84,776
	Non-RUS Interest		\$	53,500
	Non-RUS Principal		\$	7,553
	Non-Nos Philopai		\$	18,650
	Total Debt Repayme	nt	\$	164,479
-				
F.	Balance Available for	r Coverage	\$	72,225
	Short Lived Assets			
	Debt Reserve	1 1		
	Existing Debt Reserv	ve	\$	19,509
	Balanco Aspilable			
	Balance Available		\$	52,716

	(1st Full Year of Ope	eration)	Year Ending 20	021		
A.	Operating Income:					
	Water Sales	-l	\$	784,368		
		ect/Late Charge Fees	\$	25,000		
	Other (Describe)	customer tap fees	\$	4,000		
	Less Allo	wances and Deductions				
	Total Operating Inco	me	\$	813,368		
B.	Operation and Maint	enance Expenses:				
	(Based on Uniform S	System of Accounts prescrib	ed by National			
	Association of Reg	ulatory Utility Commissioner	rs)			
	Operation Expense		\$	462,333		
	Maintenance Expens	se	\$	33,001		
	<b>Customer Accounts</b>	•				
	Administrative and G	eneral Expense	\$	47,882		
	Total Operating Expe	enses	\$	543,216		
	Net Operating Incom	е	\$	270,152		
C.	Non-Operating Income:					
	Interest on Deposits		\$	10		
	Other (Identify)	Sewer Billing Fees	\$	11,940		
	, , , , ,	Gain (loss) on disposal of				
	Total Non-Operating	Income	\$	11,950		
D.	Net Income		\$	282,102		
E.	Debt Repayment:					
	RUS Interest		\$	138,377		
	RUS Principal		\$	81,200		
	Non-RUS Interest		\$	4,238		
	Non-RUS Principal		\$	20,390		
	Total Debt Repayme	nt	\$	244,205		
Ē.	Balance Available for	Coverage	\$	37,897		
	Short Lived Assets		\$	20,000		
	Debt Reserve		\$	6,300		
	Balance Available		\$	11,597		
	Coverage Ratio			1.16		

#### XV. <u>ESTIMATED PROJECT COST – WATER</u>

Development	\$ 1,578,800
Land and Rights	
Legal	5,000
Engineering	253,030
Interest	25,000
Contingencies	157,880
Initial Operating and Maintenance	0
Other (Refinance existing loan)	0
TOTAL	\$ 2,019,710

#### XXXVI. PROPOSED PROJECT FUNDING

Applicant - User Connection Fees	\$_	0
Other Applicant Contribution	_	0
RUS Loan	_1	,514,783.00
RUS Grant		504,928.00
ARC Grant (If applicable)	_	0
CDBG (If applicable)	_	0
Other (Specify)		00
Other (Specify)		0
TOTAL	_	\$ 2,019,711

# WMWD Water System Improvements Summary Addendum

## Funding Option 1 - 40 year Payback Schedule with Grant First Year of Operation - Year Ending in 2021

Total Project Cost						\$2,019,710
Proposed Funding						
RD Grant Funds						\$504,928
Proposed Bond Amoun	tt					\$1,514,783
Proposed Debt Service	:e	artik arapin ili ur da ga ji namasananan da ga ji namasan ili dasasan ay sa				
RD Loan Annual Debt S	Service (First 2 year	irs of 40 year loan	are deferred)			\$68,300
40 years @	3.25%					455,55
RD Loan Debt Service	Coverage (10% of	Annual Debt Ser	vice)			\$6,830
		Total	New Project	Debt Service		\$75,130
		T				-,-,
Additional Expenses &	& Anticipated De	bt Service				
Estimated Annual O & I						\$41,368
						\$20,000
Short-Lived Assets						
					+	
	Total Addit	ional Expenses &	Anticipated	Debt Service	+	\$19,509
	Total Addit	ional Expenses &	Anticipated	Debt Service	+	
Debt Reserve					+	\$19,509 \$80,877
Debt Reserve  Total Annual Increase (1)	Total New Project	Debt Service + To	otal Additional	Expenses)	+	\$19,509
Debt Reserve  Total Annual Increase (1)	Total New Project overage (For Plann	Debt Service + To	otal Additional mediate Proje	Expenses)	+	\$19,509 \$80,877 \$156,007 \$72,225
Debt Reserve  Total Annual Increase (1)	Total New Project overage (For Plann	Debt Service + To	otal Additional mediate Proje	Expenses)	-	\$19,509 \$80,877 \$156,007
Debt Reserve  Total Annual Increase (1 Balance Available for Co	Total New Project overage (For Plant	Debt Service + To led & Ongoing Im otal Additional A	otal Additional mediate Proje	Expenses)	+	\$19,509 \$80,877 \$156,007 \$72,225 \$83,782
Debt Reserve  Total Annual Increase (1)	Total New Project overage (For Plant <u>T</u> onual Revenue Requ	Debt Service + To led & Ongoing Im otal Additional A	otal Additional mediate Proje	Expenses)	+	\$19,509 \$80,877 \$156,007 \$72,225 \$83,782
Debt Reserve  Total Annual Increase (7)  Balance Available for Co	Total New Project overage (For Plant <u>T</u> onual Revenue Requ	Debt Service + To led & Ongoing Im otal Additional A ired	otal Additional mediate Proje Annual Reven	Expenses) cts) nue Required	÷	\$19,509 \$80,877 \$156,007 \$72,225 <b>\$83,782</b> \$83,782 \$699,093
	Total New Project overage (For Plant <u>T</u> onual Revenue Requ	Debt Service + To led & Ongoing Im otal Additional A ired	otal Additional mediate Proje	Expenses) cts) nue Required	÷	\$19,509 \$80,877 \$156,007 \$72,225 \$83,782
Debt Reserve  Total Annual Increase (7)  Balance Available for Co	Total New Project overage (For Plant  Total New Project  Total Revenue Requirements Revenue	Debt Service + To led & Ongoing Imotal Additional A lired	otal Additional amediate Proje Annual Reven Percentage R Proposed	Expenses) cts) nue Required	÷	\$19,509 \$80,877 \$156,007 \$72,225 <b>\$83,782</b> \$83,782 \$699,093
Debt Reserve  Fotal Annual Increase (7)  Balance Available for Co  Total Additional Annual	Total New Project overage (For Plant  Total New Project  Total New Project  Total New Project	Debt Service + To led & Ongoing Imotal Additional A lired  2018 Existing Rates	otal Additional amediate Proje  Annual Reven  Percentage R  Proposed  Rates	Expenses) cts) nue Required	+	\$19,509 \$80,877 \$156,007 \$72,225 <b>\$83,782</b> \$83,782 \$699,093
Debt Reserve  Fotal Annual Increase (7)  Balance Available for Co  Total Additional Annual	Total New Project overage (For Plant  Total New Project	Debt Service + To led & Ongoing Imotal Additional A ired  2018 Existing Rates \$39.82	otal Additional amediate Proje  Annual Reven  Percentage R  Proposed  Rates  \$44.60	Expenses) cts) nue Required	÷	\$19,509 \$80,877 \$156,007 \$72,225 <b>\$83,782</b> \$83,782 \$699,093
Debt Reserve  Fotal Annual Increase (7)  Balance Available for Co  Total Additional Annual	Total New Project overage (For Plant True)  Total New Project over	Debt Service + Total & Ongoing Imotal Additional Additional Additional Additional Additional Services  2018 Existing Rates  \$39.82 \$5.79	otal Additional amediate Proje  Annual Reven  Percentage R  Proposed Rates  \$44.60  \$6.48	Expenses) cts) nue Required	+	\$19,509 \$80,877 \$156,007 \$72,225 \$83,782 \$83,782 \$699,093
Debt Reserve  Fotal Annual Increase (7)  Balance Available for Co  Total Additional Annual	Total New Project overage (For Plant  Total New Project	Debt Service + To led & Ongoing Imotal Additional A ired  2018 Existing Rates \$39.82	otal Additional amediate Proje  Annual Reven  Percentage R  Proposed  Rates  \$44.60	Expenses) cts) nue Required	÷	\$19,509 \$80,877 \$156,007 \$72,225 \$83,782 \$83,782 \$699,093

# WMWD Water System Improvements Summary Addendum

### Funding Option 2 - 40 year Payback Schedule with no Grant First Year of Operation - Year Ending in 2020

	Fust rear of	Operation - x	ear Endin	g in Zuzu		
Total Project Cost						\$2,019,710
Proposed Funding			<u>                                     </u>			
RD Grant Funds						\$
Proposed Bond Amoun	t .					\$1,865,47
Down and Dola Co						
Proposed Debt Servic RD Loan Annual Debt S		of 40 com la co	1-C 1)			<b>***</b>
40 years @	3.25%	ars of 40 year loan	are deterred)			\$84,000
RD Loan Debt Service		FAmural Daht Com	ui-a)			<b>60.40</b>
TO LOUIS DEUT SELVICE (	Coverage (10% 0	Alliuai Deoi Ser	vice)			\$8,400
		<u>Total</u>	New Project	Debt Service		\$92,400
Additional Expenses &	& Anticipated De	bt Service				
Estimated Annual O & N						\$41,368
Short-Lived Assets						\$20,000
Debt Reserve						\$19,509
					+	
	Total Addit	ional Expenses &	Anticipated	Debt Service		\$80,877
Total Annual Increase (T	otal New Project	Debt Service + To	otal Additiona	Expenses)		\$173,277
Balance Available for Co	overage (For Plans	ned & Ongoing Im	mediate Proje	cts)	-	\$72,225
	Ţ	otal Additional A	nnual Rever	ue Required		\$101,052
Total Additional Ann	ual Pavanua Pagi	irad				6101.052
Total 2017 Billed Wa		illed				\$101,052
TOTAL ZOLT BILLE W	ater Revenue		Percentage R	ata Inguassa	÷	\$699,093 15.00%
			rercentuge A	uie Increase		13.00%
		2018 Existing	Proposed			
		Rates	Rates			
	1	Rates	Maics			
	In Gallons					
	First 2,000	\$39.82	\$45.79			
	First 2,000 Next 8,000	\$5.79	\$6.66			
	First 2,000					