

March 16, 2020

Mr. Kasey Emmick, Manager East Daviess County Water Association 9210 KY 144 Philpot, KY 42366-9743

Re: Wholesale Water Rate Increase

Dear Kasey:

We have made the required rate calculations for fiscal year 2020-2021, as per the terms of our contract. A copy of these calculations is enclosed, as well as a copy of the fiscal year 2018-2019 true-up calculations.

Based on these calculations, the rate charged to the East Daviess County Water Association will increase to a rate of \$1.94 per thousand gallons for the fiscal year beginning June 1, 2020.

The ultimate per unit cost to EDCWA is dependent upon annual water usage and the costs contractually allocated to your association. Future year calculations may result in fluctuations in the rate per thousand gallons. The formal calculation will continue to be prepared annually.

Please contact me with any questions, or if you need further information.

Sincerely,

Kevin D. Frizze

General Manager

Cc: Kentucky Public Service Commission L. Holland, B. Howton, T. Lyons, J. Potts

Enclosures

Owensboro Municipal Utilities • P.O. Box 806 • Owensboro, KY 42302-0806 • 270-926-3200 • www.omu.org

# **NOTICE**

Owensboro Municipal Utilities ("OMU") has filed a proposed rate schedule which will adjust the rate for water service provided as follows:

	Current Rate	Proposed Rate	<u>% Difference</u>
Southeast Daviess County Water District	\$1.890 per 1000 gallons	\$2.350 per 1000 gallons	24.34% increase
West Daviess County Water District	\$2.270 per 1000 gallons	\$2.800 per 1000 gallons	23.35% increase
East Daviess County Water Association	\$1.630 per 1000 gallons	\$1.940 per 1000 gallons	19.02% increase

The proposed effective date is June 1, 2020.

The rates contained in this notice are the rates proposed by OMU. However, the Public Service Commission may order rates to be charged that differ from the proposed rates contained in this notice.

Any corporation, association, or person with a substantial interest in the matter may, by written request, within thirty (30) days after publication or mailing of this notice of the proposed rate changes request to intervene. Intervention may be granted beyond the thirty (30) day period for good cause shown.

Any person who has been granted intervention by the Public Service Commission may obtain copies of the rate application and any other filings made by OMU by contacting the General Manager, Kevin D. Frizzell, at the offices of OMU, 2070 Tamarack Road in Owensboro, Kentucky; telephone 270-926-3200.

Any person may examine the rate application and other filings made by OMU by visiting the offices of OMU at 2070 Tamarack Road in Owensboro, or by contacting the Public Service Commission at 211 Sower Boulevard in Frankfort, Kentucky; telephone 502-564-3940; <u>psc.ky.gov</u>.

# Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2020 Estimate for FY 2021 Rate

1.000 1.001			FY 1991	FY 1991	Inflation	Growth	Calculated Growth	FY 2020
1.002			Amount	Reference	Factor	Factor	Factor	Amount
1.003								
1.004							29	
1.005 1.006	Water System Demands and Usage						Years	
1.007 1.008	System Annual Quantity	Mil. Gal.	4,846	+S10.050	0%	-0.43%	0.883	4,278
1.009	District Annual Quantity							
1.010	Southeast Daviess	Mil. Gal.	532	+S10.039	0%	0.96%	1.320	702
1.011	West Daviess	Mil. Gal.	345	+S10.039	0%	0.84%	1.275	440
1.012	East Daviess	Mil. Gal.	154	+S10.039	0%	2.42%	2.000	308
1.013								
	Maximum Day Quantity							
1.015	Southeast Daviess	mgd	1.990	+S10.040	0%	0.83%	1.271	2.529
1.016	West Daviess	mgd	1.378	+S10.040	0%	0.61%	1.192	1.643
1.017	East Daviess	mgd	0.612	+S10.040	0%	1.60%	1.585	0.970
1.018	Last Ballood	gu	0.012	0.01010	0,0			0.010
	System Maximum Day Quantity	mgd	16.91	+S10.045	0%	-0.51%	0.862	14.57
1.020	System maximum buy Quantity	iligu	10.01	.010.040	0,0	0.0170	0.002	14.01
1.021	Operation and Maintenance Expense							
1.022								
1.023	Transmission and Dist. Expense	\$	269,521	(a)	5.83%	0%	5.172	1,393,927
1.024	Source of Supply Expense	\$	121,068	(a)	7.61%	0%	8.390	1,015,701
1.025	Existing Treatment Plant Expense	Ψ	121,000	(u)	1.0170	070	0.000	1,010,701
1.026	Chemicals	\$	198,132	(a)	2.14%	-0.43%	1.635	323,886
1.020	Other	\$	405,493	(a)	3.25%	-0.+3%	2.530	1,025,744
1.027	New Treatment Plant Expense	Ψ	400,400	(4)	0.2070	070	2.000	1,020,744
1.020	Chemicals	\$	0		n/a	n/a	n/a	169,006
1.020	Other	\$	0		n/a	n/a	n/a	922,502
1.030	Expanded Treatment Plant Expense	Ψ	0		11/a	n/a	11/a	322,302
1.032	Chemicals	\$	0		n/a	n/a	n/a	0
1.032	Other	\$	0		n/a	n/a	n/a	0
1.034	Pumping Expense	Ψ	0		11/4	n/a	n/a	0
1.035	Electric Power	\$	240,191	(a)	4.01%	-0.43%	2.776	666,821
1.036	Other-Existing Plant	\$	8,840	(a)	7.92%	-0.+3%	9.118	80,606
1.037	Other-New Plant	\$	0,040	(4)	n/a	n/a	n/a	74,696
1.037	Other-Expanded Plant	\$ \$	0		n/a	n/a	n/a	74,090 0
1.039	Other-Expanded Flam	Ψ	0		n/a	n/a	n/a	0
1.039	Administrative Expenses	\$	689,980	(a)	2.97%	0%	2.335	1,611,352
1.040	Customer Accounting & Information	\$	176,825	(a)	4.92%	0%	4.031	712,842
1.042	edeterner / toocanting a mormation	Ψ	110,020	(u)	4.0270	070	4.001	112,042
1.042	(a) FY 1991 financial statements.		2,110,050				-	7,997,084
1.044			2,110,000				-	1,001,001
1.044								
1.045	Debt Service Payments							
1.040	Debt dervice i aymenta							
1.047	Existing Plant	\$	487,100					0
1.040	1999 Improvements	\$ \$	407,100					0
1.049	2003 Improvements	\$ \$	0					306,797
1.050	2009 Improvements	\$	0					376,624
1.051	2014 Improvements	\$ \$	0					235,313
1.052	2015 Improvements	\$	0					214,145
1.054	Cavin Plant	\$	0					846,194
1.054	2018 Improvements	\$ \$	0					2,483,547
1.056	2010 mprovomono	Ψ	487,100				-	4,462,621
1.057			,				=	.,
1.057								
1.000								

Line

# Schedule 2 Owensboro Municipal Outloop Exhibit B-1 for FY 2020 Determine District Percentage Responsibility for Costs Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2020 Extimate for FY 2021 Rate

Iscai	rear	Ena	ing w	lay 31	, 20
Estima	ite fo	r FY	2021	Rate	

Line	e District Percentage Responsibility for Costs	Analysis: Prof Fiscal Year E Estimate for	nding May 31						
2.000			Whole	sale Custom	ners				
2.001 2.002			Southeast	West	East		OMU Retail	Total OMU	
.003		Units	Daviess	Daviess	Daviess	Subtotal	Customers	System	
.004 .005									
.006 .007 .008	FY 2020 System Annual Quantity FY 2020 District Annual Quantity	Mil. gal. Mil. gal.	702	440	308	1,450	2,828 +S1.010, +S1	,	+S1.007 012
009 010	District Responsibility for Variable Expense	es	16.41%	10.29%	7.20%	33.90%	@ROUND(+S	2.007/S2.0	06,4)
.011 .012	District Responsibility for Fixed Costs of Existin	a Facilities							
.013			0.070	4 0 0 0					
	FY 1989 District Base Quantity FY 1989 Plant Usage (Base)	mgd mgd	2.378	1.939	0.594	4.911	+S10.010	17.54	+S10.021
016	After June 1, 2018?	Yes	40 500/	0.05%	4.000/	07.000/			
.017 .018	Percentages after June 1, 2018 District Responsibility for Fixed Costs of Ex	disting Facilities	13.56%	9.65%	4.09%	27.30%			
.019	Percent	aoung r aounoo	13.56%	9.65%	4.09%	27.30%	@IF(S2.016=N	No,ROUND	(+S2.014/S2.015,4),ROUND(+S2.01
.020 .021									
	District Responsibility for Fixed Costs of Existin	g Transmission	Facilities						
.023 .024	FY 2020 District Maximum Day Quantity		2.529	1.643	0.970	5 142	+S1.015, +S1	016 + 91 (	)17
.024	FY 2020 System Maximum Day Quantity		2.529	1.045	0.970	5.142	+31.013, +31		+S1.019
.026									
.027 .028	District Responsibility for Fixed Costs of Ex Percent	cisting Transmis	sion Facilities 17.36%	11.28%	6.66%	35.30%	@ROUND(+S	2.024/S2.0	25.4)
.029							0		- , ,
.030 .031	District Responsibility for Fixed Costs of New Fi	acilities							
032	District Responsibility for Fixed Costs of New Fi	aciiiiies							
.033 .034	FY 2020 System Maximum Day Quantity	mgd						14.57	+S1.019 Contract
.034 .035	less Base Year Plant Usage	mgd						17.54	Contract
.036	New Plant Capacity	mgd						10.00	Input
.037 .038	FY 2020 New Plant Usage FY 2020 New Plant Usage	mgd mgd	(but not less	than zero)				(2.97) 0.00	+S2.033-S2.034 @IF(S2.037<0,0,+S2.037)
.039	FY 2020 Reserve Capacity	mgd	(but not less					10.00	+\$2.036-\$2.038
.040		-	0.500	4.040	0.070	5 4 40	.00.004		
.041 .042	FY 2020 Maximum Day Quantity FY 1989 District Base Quantity	mgd mgd	2.529 2.378	1.643 1.939	0.970 0.594	5.142 4.911	+S2.024 +S10.010		
.043	District Growth Quantity	mgd	0.151	(0.296)	0.376		+S2.041-S2.0		
.044 .045	But not less than zero	mgd	0.151	0.000	0.376		@IF(S2.043<	0,0,+S2.04	3)
.045	District Growth Ratio		1.000	0.000	1.000		@IF(S2.038=0	),@IF(S2.04	44=0,0,1),S2.044/S2.038
2.047 2.048	Ratio District Growth Quantity / New Plant	Conocity							
.048	Ratio District Growth Quantity / New Flant	Сарасну							
2.050	Factor	percent	1.51%	0.00%	3.76%		@ROUND(S2	2.044/S2.03	6,4)
2.051 2.052									
2.053	Minimum District Responsibility	percent	12.75%	8.25%	4.00%	25.00%	(a)		
2.054 2.055	District Responsibility for Fixed Costs of Net	w Facilities							
.056	Percent	ew r acilities	12.75%	8.25%	4.00%	25.00%	@MAX(S2.05	0,S2.053)	
2.057 2.058	(a) Per Contracts.								
2.056									
	District Responsibility for Fixed Costs of Expan	ded Facilities							
2.061 2.062	FY 2020 System Maximum Day Quantity	mgd						14.57	+S1.019
2.063	less Base Year Plant Usage	mgd						17.54	
2.064 2.065	New Plant Capacity	mad						10.00	Input
.065	FY 2020 Expanded Plant Usage	mgd mgd							+S2.062-S2.063
2.067	FY 2020 Expanded Plant Usage	mgd	(but not less	than zero)				0.00	@IF(S2.066<0,0,+S2.066)
2.068 2.069	FY 2020 Reserve Capacity	mgd						10.00	+S2.065-S2.067
.070	FY 2020 Maximum Day Quantity	mgd	2.529	1.643	0.970	5.142			
2.071	FY 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911		71	
2.072 2.073	District Growth Quantity But not less than zero	mgd mgd	0.151 0.151	(0.296) 0.000	0.376 0.376		+S2.070-S2.0 @IF(S2.072<		2)
2.074		-							
2.075 2.076	District Growth Ratio		1.000	0.000	1.000		@IF(S2.067=0	),@IF(S2.0	73=0,0,1),S2.073/S2.067
2.078	Ratio District Growth Quantity / Expanded	Plant Capacity							
2.078			4 - 10/	0.000/	0 -00/		0001000	070/00 57	
	Factor	percent	1.51%	0.00%	3.76%		@ROUND(S2	2.073/S2.06	5,4)
2.079 2.080									
2.079 2.080 2.081									
2.080 2.081 2.082	Minimum District Responsibility	percent	15.61%	10.94%	7.07%	33.62%	(a)		
2.080	Minimum District Responsibility District Responsibility for Fixed Costs of E≻		es	10.94% Calgulation		33.62%	(a)		

Schedule 3 Exhibit C for FY 2020 Transmission O&M Expense

Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010

Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2020

Line	Estimate for FY 2021 Rate								
3.000									
3.001									
	FY 2020 Annual Transmission & Distribution Expense	\$1,393,927	+S1.023 (a)						
3.003									
	Beginning of year inch-feet of transmission and distributi	on system							
3.005									
3.006	Distribution mains (less than 8 inch)	6,900,594							
3.007	<b>—</b> · · · · · · · · · · · · · · · · · · ·								
3.008	Transmission mains ( 8 inch & over)	5,301,976							
3.009	<b>T</b> ( )	10 000 570							
3.010	Total	12,202,570							
3.011	Too contraction and the	40 450/							
3.012	Transmission portion	43.45%							
3.013	Calculated Transmission O&M Expense	\$605,661	@ROUND(S3.002*S3.012,0)						
3.014		\$005,00 i	@ROUND(33.002 33.012,0)						
3.015	Net Distribution O&M Expense	\$788,266	+S3.002-S3.014						
3.010	Net Distribution Odim Expense	ψ <i>1</i> 00,200	133.002-33.014						
3.018									
3.019									
3.020									
3.021	(a) Total water trans. & dist. expense less maintena	ance of services.							
3.022	meters, hydrants and misc. plant.								
3.023	·······								

Schedule 4 Exhibit D for FY 2020		Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010						
	Supply & Treatment O&M Expense		Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2020					
Line		Estimate for	FY 2021 Rate					
4.000		FY 2020						
4.001								
4.002		\$						
4.003								
	Source of Supply Expense	1,015,701	+S1.024					
4.005								
	Water Treatment							
4.007	Existing Plant							
4.008	Chemicals	323,886	+S1.026					
4.009	Other	1,025,744	+S1.027					
4.010								
4.011	New Plant							
4.012	Chemicals	169,006	+S1.029					
4.013	Other	922,502	+S1.030					
4.014								
4.015	Expanded Plant							
4.016	Chemicals	0	+S1.032					
4.017	Other	0	+S1.033					
4.018								
4.019	Pumping Expense							
4.020	Electric Power	666,821	+S1.035					
4.021	Other-Existing Plant	80,606	+S1.036					
4.022	Other-New Plant	74,696	+S1.037					
4.023	Other-Expanded Plant	0	+S1.038					
4.024	·							
4.025	Variable Expenses							
4.026	Electric Power	666,821	+S4.020					
4.027	Chemicals-Existing Plant	323,886	+S4.008					
4.028	Chemicals-New and Expanded Plant	169,006	+S4.012					
4.029	Total Variable Expenses	1,159,713	@SUM(S4.026S4.028)					
4.030	·	,,	<u> </u>					
4.031								
4.032								

4.032 4.033

Schedule 5
Exhibit E for FY 2020
Allocation of Revenue Bond Debt Service

Bool         FY 202           Stating Revenue Bonds         Annual P & 1         0         + \$1.048           Annual P & 1         0         + \$1.048         (model of the second of the	Line		Analysis: Pro Fiscal Year I Estimate for	Ending May	
3011	E 000				
3.002         5           303         Existing Revenue Bonds         0         451.048           304         Annual F & I         0         451.048           305         Marker Supplik & Treatment         69.29%         0         @ROLIND(55.04**55.007.10)           3050         Turnarission Mains         37.2%         0         @ROLIND(55.04**55.007.10)           3050         Turnarission Mains         37.2%         0         @ROLIND(55.04**55.007.10)           3050         Turnarission Mains         37.2%         0         @ROLIND(55.04**55.007.10)           3050         Turnarission Mains         37.6%         +51.04*         -55.007.4%           3051         More Revenue Bonds         0         +51.04*         -51.04*           3051         DetK Service on Improvements - 2018 Bonds         0         +51.05           3052         DetK Service on Improvements - 2018 Bonds         214.145         +51.052           3053         Annual P & I         2.28%         -481.045         @ROLIND(56.01758.028.01)           3054         Annual P & I         2.28%         -481.045         @ROLIND(56.01758.028.01)           3055         Annual P & I         2.28%         -481.045         @ROLIND(56.01758.028.01)				FY 2020	
1001         Scienting Revenue Bonds         (a)         + 51.048           1006         Allocation - Existing Revenue Bonds         (a)         (b)           1007         Water Supply A Treatment         62.29%         (c)         (c)           1007         Water Supply A Treatment         62.29%         (c)         (c)         (c)           1001         Treat         (c)	5.001			\$	
0.005         Allocation - Existing Revenue Bonds         62.2%         0         @ROUND(SS 004*55.007.0)           0.007         Transmission Mans         3.372%         0         @ROUND(SS 004*55.008.0)           0.008         Transmission Mans         3.372%         0         @ROUND(SS 004*55.008.0)           0.009         Table         Table         0         +55.007+55.008           0.001         0         +55.007+55.008         0         +51.049           0.005         Annual P & I         3007,77         +51.069         0           0.016         Debt Service on Improvements - 2014 Bonds         235.313         +51.052         0           0.001         Debt Service on Improvements - 2014 Bonds         244.145         +51.052         0           0.002         Debt Service on Improvements - 2018 Bonds         244.145         +51.052         0           0.002         Debt Service on Improvements - 2018 Bonds         244.145         +51.052         0           0.002         Debt Service on Improvements - 2018 Bonds         248.167         +51.052         0           0.002         Transmission Mans         77.7%         0         @ROUND(SS 013*55.028.0)         0           0.002         Transmission Mans         77.7%		Existing Revenue Bonds			
0.06         Allocation - Esting Revenue Bonds         (a)           0.07         Water Supply & Treatment         66.22%         0         @ROUND(SS.004*55.004*0)           0.08         Transmission Mains         33.72%         0         @ROUND(SS.004*55.004*0)           0.09         Total         100.00%         0         +S1.049           0.01         Debt Service on Improvements - 1999 Bonds         0         +S1.049           0.01         Debt Service on Improvements - 2008 Bonds         0         +S1.049           0.01         Debt Service on Improvements - 2014 Bonds         276.524         +S1.051           0.01         Debt Service on Improvements - 2014 Bonds         276.524         +S1.051           0.01         Annual P & I         214.145         +S1.052           0.02         Debt Service on Improvements - 2018 Bonds         2.483.547         +S1.054           0.02         Debt Service on Improvements         (b)         466.194         +S1.054           0.02         Transmission Mains         5.75%         0         @ROUND(SS.013*55.028.0)           0.02         Transmission Mains         5.75%         0         @ROUND(SS.013*55.033.0)           0.03         Total         100.00%         + 55.028*5.029	5.004			0	+S1.048
507         Water Supply & Treatment         66.28%         0         @ROUND(SS.00/*S.007.5)           508         Train         100.00%         0         +S5.007.55.008.0)           509         Train         100.00%         0         +S5.007.55.008.0)           5011         New Revenue Bonds         0         +S1.049           5012         Debt Service on Improvements - 1999 Bonds         0         +S1.049           5016         Amount P & I         306.797         +S1.062           5017         Amount P & I         306.797         +S1.053           5018         Debt Service on Improvements - 2018 Bonds         214.145         +S1.053           5019         Amount P & I         235.313         +S1.052           5020         Amount P & I         243.547         +S1.053           5021         Amount P & I         2.435.447         +S1.055           5025         Amount P & I         2.435.447         +S1.055           5026         Transmission Mains         77.75%         0         @ROUND(S5.01755.028.0)           5027         Transmission Mains         47.74%         146.456         @ROUND(S5.01755.038.0)           5028         Transmission Mains         42.25%         0         @RO			( )		
5086         Transmission Marine         33.27%         0         @RCUUND(SS.004'S.008.0)           5090         Total         100.00%         0         +S5.007+S5.008.0)           5010         Ferenaue Bonds         0         +S1.049           5011         New Revenue Bonds         0         +S1.049           5012         Debt Service on Improvements - 2008 Bonds         306.787         +S1.050           5016         Debt Service on Improvements - 2014 Bonds         214.145         +S1.051           5017         Annual P & I         216.8004         214.145         +S1.053           5019         Annual P & I         214.9804         +S1.054         -           5021         Annual P & I         24.83.547         +S1.053         -           5022         Debt Service on Improvements         214.145         +S1.054         -           5023         Annual P & I         24.83.547         +S1.055         -           5024         Annual P & I         22.48.054         +S1.055         -           5025         Transmission Marins         57.75%         0         @ROUND(S5.01*55.028.0)         -           5026         Transmission Marins         52.26%         160.322         @ROUND(S5.01*55.03.0) </td <td></td> <td></td> <td></td> <td>٥</td> <td></td>				٥	
Borge         Total         100.00%         0         *S5.007+S5.008           Ditt         New Revenue Bonds         0         +S1.049           Ditt         Debt Service on Improvements - 2003 Bonds         0         +S1.049           Ditt         New Revenue Disponements - 2003 Bonds         0         +S1.049           Ditt         Debt Service on Improvements - 2014 Bonds         306,797         +S1.051           Ditt         Normal P & I         235,313         +S1.052           Debt Service on Improvements - 2015 Bonds         276,313         +S1.053           Debt Service on Improvements - 2015 Bonds         244,145         +S1.054           Debt Service on Improvements - 2018 Bonds         2483,547         +S1.055           Debt Service on Improvements - 2018 Bonds         2483,547         +S1.055           Ditt         Water Suppty A Treatment         42.25%         0         @ROUND(S5.015*S5.028.0)           Ditt         Water Suppty A Treatment         47.74%         146,465         @ROUND(S5.015*S5.033.0)           Ditt         Vater Suppty A Treatment         47.74%         128,22         @ROUND(S5.015*S5.033.0)           Ditt         Strate Suppty A Treatment         47.74%         128,22         @ROUND(S5.015*S5.033.0)           Dittreat					<b>S</b>
501         New Revenue Bonds           501         Debt Service on Improvements - 1999 Bonds           502         Debt Service on Improvements - 2009 Bonds           503         Annual P & I           504         Debt Service on Improvements - 2009 Bonds           505         Annual P & I           506         Debt Service on Improvements - 2016 Bonds           507         Annual P & I           508         Debt Service on Camprovements - 2016 Bonds           509         Annual P & I           500         Debt Service on Camprovements - 2018 Bonds           502         Annual P & I           503         Annual P & I           504         Debt Service on Camprovements - 2018 Bonds           505         Annual P & I           506         Transmission Mains           507         Total           508         Water Supply & Treatment           509         Transmission Mains           5102         Allocation - 2003 Improvements           503         Total           503         Total           503         Total           504         Total           505         Total           506         Total <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
5012       Debt Service on Improvements - 1999 Bonds       0       451.049         5014       Debt Service on Improvements - 2003 Bonds       306.777       \$15.059         5016       Debt Service on Improvements - 2009 Bonds       376.624       \$15.049         5016       Debt Service on Improvements - 2014 Bonds       235.313       \$51.052         5017       Annual P & I       235.313       \$51.052         5018       Debt Service on Improvements - 2016 Bonds       214.145       \$51.033         5020       Debt Service on Improvements - 2016 Bonds       24.43.547       \$51.054         5021       Annual P & I       2.433.547       \$51.054         5026       Annual P & I       2.433.547       \$51.054         5027       Transmisson Mains       57.75%       0       @ROUND(S5.013*S5.028.0)         5028       Altocation - 1999 Improvements       (b)       \$50.324       \$50.33.0)         5030       Total       100.00%       0       \$60.322       @ROUND(S5.013*S5.028.0)         5031       Total       100.00%       306.777       \$50.33+S5.034.0)       \$50.33.0)         5033       Total       100.00%       306.777       \$50.328       \$50.28.0)         5034       Transmisson Mains					
30.3       Annual P & I       0       951.049         30.4       Debt Service on Improvements - 2009 Bonds       306.797       \$1.050         30.5       Annual P & I       306.797       \$51.051         30.5       Debt Service on Improvements - 2019 Bonds       376.624       \$51.051         30.5       Debt Service on Improvements - 2015 Bonds       214.145       \$51.062         30.5       Debt Service on Improvements - 2018 Bonds       214.145       \$51.064         30.7       Annual P & I       2.018 Bonds       2.483.547       \$51.064         30.7       Annual P & I       2.483.547       \$51.064       \$50.280.0)         30.7       Annual P & I       2.483.547       \$1.055       \$50.31.00         30.7       Annual P & I       2.283.547       \$1.056       \$50.29.0)         30.7       Annual P & I       \$1.00.00%       \$50.28+S5.029.0)       \$50.31.00         30.7       Annual P & I       \$1.00.00%       \$1.50.23       \$60.010/155.013*S5.028.0)         30.7       Annual P & I       \$1.60.0       \$1.60.25       \$1.52.23       \$1.52.23       \$1.52.23       \$1.52.23       \$1.52.23       \$1.52.23       \$1.52.23       \$1.52.23       \$1.52.23       \$1.52.23       \$1.52.23       \$1	5.011				
614         Debt Service on Improvements - 2003 Bonds         306,797         \$11.050           Annual P & I         376,624         \$11.050           Debt Service on Improvements - 2014 Bonds         235,313         \$11.052           Annual P & I         241,145         \$15.053           Debt Service on Improvements - 2018 Bonds         000,777         \$10.054           Annual P & I         248,3547         \$10.054           S022         Debt Service on Improvements         (b)         (gROUND(\$5.013*55.028,0)           S023         Transmission Mains         \$7.75%         (gROUND(\$5.013*55.033,0)           S024         S024*55.029         (gROUND(\$5.015*55.033,0)           S025         Transmission Mains         \$2.26%         (gROUND(\$5.017*55.033,0)           S036         Transmission Mains         \$2.26%         (gROUND(\$5.017*55.033,0)           S037         Transmission Mains         \$2.26%         (gROUND(\$5.017*55.033,0)           S038         Transmission Mains         \$2.26%         (gROUND(\$5.017*55.033,0)           S039         Transmission Mains		·	S		.01.010
3016       Annual P & I       307,77       \$1.050         Debt Service on Improvements - 2009 Bonds       376,624       \$1.051         Data Service on Improvements - 2014 Bonds       376,624       \$1.051         Debt Service on Improvements - 2015 Bonds       376,624       \$1.052         Debt Service on Carvin Project       41,145       \$1.052         Debt Service on Carvin Project       41,145       \$1.055         Debt Service on Carvin Project       41,145       \$1.055         Debt Service on Carvin Project       2,483,547       \$1.055         Debt Service on Carvin Project       2,483,547       \$1.055         Debt Service on Carvin Project       0,000       0,000       \$6.028+55.029         Debt Service on Mains       57.75%       0       0,000 (DRIOUND(\$5.013*S6.024,0)         Debt Service on Mains       52.26%       0       0,000 (DRIOUND(\$5.013*S6.024,0)         Debt Service on Mains       52.76%       0       0,000 (DRIOUND(\$5.013*S6.024,0)         Debt Service on Mains       52.76%       0       0,000 (DRIOUND(\$5.013*S6.024,0)         Debt Service Supply & Treatment       47.74%       146,455       0,000 (DRIOUND(\$5.017*S6.034,0)         Debt Service Supply & Treatment       52.56%       0,000 (DRIOUND(\$5.017*S6.034,0)       0,000 (DRIOU			_	0	+\$1.049
5016         Debt Service on Improvements - 2008 Bonds         576.624         \$10.51           5017         Annual P & I         237.624         \$10.51           5018         Debt Service on Improvements - 2018 Bonds         225.313         \$10.52           5020         Debt Service on Cavin Project         \$10.52         50.52           5021         Annual P & I         243.547         \$10.52           5022         Debt Service on Cavin Project         \$10.52         \$10.52           5023         Annual P & I         2.483.547         \$10.55           5024         Annual P & I         \$2.483.547         \$10.50           5025         Annual P & I         \$2.483.547         \$10.50           5026         Mater Supply & Treatment         \$2.77%         © @ROUND(55.015*55.03.0.0)           5030         Total         100.00%         \$15.02         @ROUND(55.015*55.03.0.0)           5031         Transmission Mains         \$2.27%         160.332         @ROUND(55.015*55.03.0.0)           5033         Transmission Mains         \$2.27%         160.332         @ROUND(55.015*55.03.0.0)           5034         Transmission Mains         \$2.27%         160.325         @ROUND(55.015*55.03.0.0)           5034         Transmission M		•	5	306 797	+\$1.050
3017         Annual P & I         376,624         +51.051           3018         Debt Service on Improvements - 2015 Bonds         235,313         +51.052           3019         Annual P & I         214,145         +51.053           302         Debt Service on Cavin Project         214,145         +51.053           302         Debt Service on Cavin Project         248,1547         +51.055           302         Annual P & I         2.483,547         +51.055           303         Transmission Mains         57.75%         0         @ROUND(55.013*55.028.0)           304         Transmission Mains         52.26%         0         @ROUND(55.013*55.028.0)           303         Total         100.00%         +55.024+S5.029         0           304         Total         100.00%         306.777         +55.034.0)         0           303         Total         100.00%         306.777         +55.034.0)         0           304         Transmission Mains         52.26%         @ROUND(55.01*5*5.034.0)         0           304         Transmission Mains         4.74%         17.852         @ROUND(55.01*5*5.034.0)           305         Total         100.00%         307.622         *55.03*5.00+0.00      <			s	000,707	101.000
5019         Annual P & I         235.31         +51.052           Debt Service on Improvements : 2015 Bonds         214,145         +51.053           5021         Debt Service on Crivin Project         446,194         +51.054           5025         Debt Service on Crivin Project         2,483,547         +51.055           5026         Annual P & I         2,483,547         +51.055           5027         Allocation - 1999 Improvements         (b)         6PCULND(55.013*55.028.0)           5028         Water Supply & Treatment         42.25%         0         6PCULND(55.013*55.028.0)           5030         Total         100.00%         0         +55.028+55.029           5031         Mater Supply & Treatment         47.74%         144.65         GPCULND(55.01*55.033.0)           5033         Vater Supply & Treatment         52.26%         55.03*55.034           5033         Total         100.00%         306.77         *55.03*55.034           5033         Total         100.00%         376,525         65.03*55.040.0)           5034         Treatments         51.522         GPCUND(55.01*755.04.0.0)           5035         Treatments         41.65         GPCUND(55.01*755.04.0.0)           5041         100.00%		·		376,624	+S1.051
1020         Debt Service on Improvements - 2015 Bonds         914,145         \$1.053           3021         Annual P & I         214,145         \$1.054           3022         Debt Service on Cavin Project         \$1.054           3024         Debt Service on Cavin Project         \$1.054           3025         Annual P & I         2.483,547         \$1.055           3026         Manual P & I         2.483,547         \$1.055           3027         Allocation - 1999 Improvements         (b)         30.000         \$5.028+S5.029           3028         Transmission Mains         52.26%         (0)         \$85.028+S5.029           3031         Total         100.00%         0         \$85.028+S5.029           3033         Water Supply & Treatment         47.74%         146.465         \$90.01NUS55.01755.03.0)           3034         Transmission Mains         52.26%         160.32.29         \$90.01NUS55.01755.03.0)           3035         Total         100.00%         30.672         \$55.034+S5.034+S5.034           3036         Total         100.00%         376.625         \$55.034+S5.034,0)           3037         Transmission Mains         2.474         \$90.01NUS5.0175.50.30,0)           3046         Transmission Mains </td <td>5.018</td> <td>Debt Service on Improvements - 2014 Bond</td> <td>S</td> <td></td> <td></td>	5.018	Debt Service on Improvements - 2014 Bond	S		
3.021         Annual P & I         21,415         +\$1.053           20         Debt Service on Cavin Project         46,194         +\$1.053           3.025         Debt Service on Improvements - 2018 Bonds         2,483,547         +\$1.055           3.026         Annual P & I         2,483,547         +\$1.055           3.027         Allocation - 1999 Improvements         (b)         @ROUND(S5.013*S5.028.0)           3.028         Water Supply A Treatment         42.25%         0         @ROUND(S5.013*S5.028.0)           3.030         Total         100.00%         0         +\$5.028+S5.029           3.031         Mater Supply A Treatment         47.74%         146.465         @ROUND(S5.017*S5.033.0)           3.033         Water Supply A Treatment         58.51%         220.344         @ROUND(S5.017*S5.038.0)           3.033         Total         100.00%         306.797         +\$5.033+S5.034           3.035         Total         100.00%         376.625         +\$5.038+S5.039+S5.041           3.036         Transmission Mains         4.74%         17.852         @ROUND(S5.017*S5.038.0)           3.04         Transmission Mains         2.63%         @ROUND(S5.017*S5.040.0)         0           3.04         Total         10.00.0%<				235,313	+S1.052
Debt Service on Cavin Project         946,194         +\$1.054           Octa         Amul P & I         946,194         +\$1.055           Amul P & I         2,483,547         +\$1.055           Octa         Construction         (BROUND(S5.013*S5.028.0)           Octa         GROUND(S5.013*S5.028.0)         (BROUND(S5.013*S5.028.0)           Octa         Total         100.00%         0           Octa         Mater Supply & Treatment         42.25%         0         (BROUND(S5.013*S5.028.0)           Octa         Allocation - 2003 Improvements         (b)         -         (BROUND(S5.015*S5.033.0)           Octa         Allocation - 2009 Improvements         (c)         (BROUND(S5.017*S5.038.0)         (BROUND(S5.017*S5.038.0)           Octa         Transmission Mains         4.74%         17.822         (BROUND(S5.017*S5.038.0)           Octa         Prostonic Stati         (D)         (BROUND(S5.017*S5.038.0)         (D)           Octa         Prostonic Stati         (D)         (D)         (D)         (D)           Octa         Prostonic Stati         (D)         (D)         (D)         (D)           Octa         Prostonic Stati         (D)         (D)         (D)         (D)           Octa		·	S		04.050
5.023         Annual P & I         24, 194         +\$1,054           5.025         Annual P & I         2,483,547         +\$1,055           5.026         Annual P & I         2,483,547         +\$1,055           5.027         Allocation - 1999 Improvements         (b)         @ROUND(S5,013*S5,028,0)           5.028         Transmission Mains         57,75%         0         @ROUND(S5,013*S5,028,0)           5.030         Total         100,00%         0         +\$5,028+55,029           5.031         Total         100,00%         06,777         +\$5,038+55,034,0)           5.033         Water Supply & Treatment         47,74%         146,465         @ROUND(S5,017*S5,038,0)           5.034         Transmission Mains         5,22%         160,322         @ROUND(S5,017*S5,038,0)           5.034         Transmission Mains         4,74%         17,852         @ROUND(S5,017*S5,038,0)           5.034         Water Supply & Treatment         53,522         @ROUND(S5,017*S5,040,0)         #\$5,034           5.044         Total         100,00%         37,625         +\$5,038+55,039+55,040+55,041           5.044         Total         100,00%         37,625         #\$0,001,01*5,047*55,040,0)           5.044         Total         100,				214,145	+\$1.053
0.24         Debt Service on Improvements - 2018 Bonds         2,483,547         +\$1.055           0.26         Allocation - 1999 Improvements         (b)           0.27         Allocation - 1999 Improvements         (c)           0.28         Transmission Mains         57.75%         (c)         @ROUND(S5.013*S5.028.0)           0.303         Total         100.00%         0         +S5.028+S5.029           0.303         Total         100.00%         0         +S5.028+S5.029           0.303         Total         100.00%         30.0797         +S5.033+S5.034           0.304         Transmission Mains         52.25%         160.322         @ROUND(S5.017*S5.03.0)           0.305         Total         100.00%         30.0797         +S5.033+S5.034           0.307         Total         100.00%         37.775         @ROUND(S5.017*S5.03.0)           0.308         Transmission Mains         4.74%         17.852         @ROUND(S5.017*S5.03.0)           0.309         Transmission Mains         2.307%         &@ROUND(S5.017*S5.04.0)         \$.010           0.304         DistributionGeneral Plant         2.307%         &@ROUND(S5.017*S5.04.0)         \$.020           0.304         Allocation - 2014 Improvements         (d)		,		846 194	+\$1.054
5.025         Annual P & 1         2,483,547         +\$1.055           5.026         Allocation - 1999 Improvements         (b)         (c)           5.027         Transmission Mains         57.75%         0         @ROUND(\$5.013*\$5.028.0)           5.029         Transmission Mains         57.75%         0         @ROUND(\$5.013*\$5.028.0)           5.029         Transmission Mains         52.26%         160.332         @ROUND(\$5.015*\$5.033.0)           5.031         Water Supply & Treatment         47.74%         146.465         @ROUND(\$5.015*\$5.033.0)           5.033         Transmission Mains         52.26%         160.332         @ROUND(\$5.017*\$5.038.0)           5.034         Transmission Mains         4.74%         17.852         @ROUND(\$5.017*\$5.038.0)           5.035         Total         13.68%         51.522         @ROUND(\$5.017*\$5.040.0)           5.036         Transmission Mains         4.74%         17.852         @ROUND(\$5.017*\$5.040.0)           5.041         Distribution/General Plant         23.378         @ROUND(\$5.017*\$5.040.0)         #S0.38+S5.040+S5.041.0)           5.045         Transmission Mains         2.72.6%         64.146         @ROUND(\$5.019*\$5.045.0)         @ROUND(\$5.019*\$5.046.0)           5.046         Transmission Mains			s	040,104	01.004
5.22         Allocation - 1999 Improvements         (b)           5.28         Water Supply & Treatment         42.25%         0         @ROUND(S5.013*S5.029.0)           5.030         Total         100.00%         0         +55.029           5.031         Vater Supply & Treatment         47.74%         146.465         @ROUND(S5.015*S5.033.0)           5.034         Transmission Mains         52.26%         160.332         @ROUND(S5.015*S5.034.0)           5.035         Total         100.00%         306.797         +S5.033.4)           5.036         Total         100.00%         306.797         +S5.033.0)           5.037         Allocation - 2009 Improvements         (c)         #ROUND(S5.017*S5.038.0)           5.038         Water Supply & Treatment         58.51%         220.364         @ROUND(S5.017*S5.040.0)           5.039         Transmission Mains         4.14%         17.85%         @ROUND(S5.017*S5.040.0)           5.041         Distribution/General Plant         23.05%         64.249         @ROUND(S5.017*S5.040.0)           5.044         Allocation - 2014 Improvements         (d)         @ROUND(S5.019*S5.047.0)         @ROUND(S5.019*S5.047.0)           5.044         Nater Supply & Treatment         27.26%         64.146         @ROUND(S5.0		·		2,483,547	+S1.055
5.028         Water Supply & Treatment         42.25%         0         @ROUND(55.01*55.028.0)           5.030         Total         100.00%         0         +\$5.028+S5.029           5.031         Total         100.00%         0         +\$5.028+S5.029           5.032         Allocation - 2003 Improvements         (b)         (C)         (C)           5.033         Water Supply & Treatment         47.74%         146,465         (C)         (C)           5.034         Transmission Mains         52.26%         160.332         (C)         (C)<	5.026				
5.029         Transmission Mains         57.75%         0         @ROUND(SS.013*S5.029.0)           5.031         Valer Supply & Treatment         100.00%         0         +55.028+S5.029           5.031         Allocation - 2003 Improvements         (b)         (BROUND(SS.015*S5.034.0)           5.034         Transmission Mains         52.26%         160.332         @ROUND(SS.017*S5.038.0)           5.035         Total         100.00%         306.79*         +SS.033+S5.034           5.036         Water Supply & Treatment         58.51%         220.364         @ROUND(SS.017*S5.038.0)           5.038         Water Supply & Treatment         58.51%         220.364         @ROUND(SS.017*S5.038.0)           5.039         Transmission Mains         4.74%         17.852         @ROUND(SS.017*S5.038.0)           5.040         Cavin Plant         13.68%         51.522         @ROUND(SS.017*S5.040.0)           5.044         Allocation - 2014 Improvements         (d)         @ROUND(SS.019*S5.045.0)         50.44           5.044         Allocation - 2015 Improvements         (e)         @ROUND(SS.019*S5.048.0)         0           5.045         Total         100.00%         235.313         +S5.045*S5.046+0.5         0           5.046         Transmission Allos </td <td></td> <td></td> <td></td> <td></td> <td></td>					
5.030         Total         100.00%         0         +\$5.028+\$5.029           5.031         Allocation - 2003 Improvements         (b)           5.033         Water Supply & Treatment         47.74%         146.465         @ROUND(55.015*S5.033.0)           5.034         Transmission Mains         52.26%         160.332         @ROUND(55.015*S5.034.0)           5.035         Total         100.00%         306,797         +\$5.033+\$5.034           5.035         Mater Supply & Treatment         58.51%         220.364         @ROUND(55.017*S5.038.0)           5.038         Water Supply & Treatment         58.51%         220.364         @ROUND(55.017*S5.040.0)           5.040         Cavin Plant         13.68%         51.522         @ROUND(55.017*S5.040.0)           5.041         Distribution/General Plant         23.07%         &8.68.07         @ROUND(55.017*S5.045.0)           5.044         Allocation - 2014 Improvements         (d)         .4166         @ROUND(55.019*S5.045.0)           5.045         Transmission Mains         26.53%         62.429         @ROUND(55.019*S5.045.0)           5.046         Transmission Mains         26.53%         62.429         @ROUND(55.019*S5.045.0)           5.045         Total         100.00%         21.412%		11.9			<b>S</b>
5.031         Allocation - 2003 Improvements         (b)           5.033         Water Supply & Treatment         47,74%         146,465         @ROUND(S5.015*S5.034.0)           5.034         Transmission Mains         52.26%         160,332         @ROUND(S5.017*S5.034.0)           5.035         Total         100.00%         306,797         +S5.034           5.036         Water Supply & Treatment         58.51%         220,344         @ROUND(S5.017*S5.038.0)           5.036         Water Supply & Treatment         58.51%         220,346         @ROUND(S5.017*S5.038.0)           5.037         Allocation - 2009 Improvements         (c)         @ROUND(S5.017*S5.040.0)         50.01           5.040         Cavin Plant         13.88%         51.522         @ROUND(S5.017*S5.041.0)         50.045           5.041         Dio.00%         376,625         +S5.038+S5.039+S5.045.05         50.045         50.045           5.044         Allocation - 2014 Improvements         (d)         Water Supply & Treatment         27.26%         64,146         @ROUND(S5.019*S5.045.0)         50.046.0)           5.047         Cavin Plant         1.8.9%         27.979         @ROUND(S5.019*S5.046.0)         50.046.0)           5.046         Total         100.00%         214,145					
5.022         Allocation - 2003 Improvements         (b)           5.033         Water Supply & Treatment         47,74%         146,465         @ROUND(S5.015*S5.034,0)           5.034         Transmission Mains         52.26%         160,332         @ROUND(S5.015*S5.034,0)           5.035         Total         100.00%         306,797         +S5.033+S5.034           5.037         Allocation - 2009 Improvements         (c)         @ROUND(S5.017*S5.038,0)           5.038         Water Supply & Treatment         58.51%         220.364         @ROUND(S5.017*S5.040,0)           5.041         Distribution/General Plant         23.07%         86.887         @ROUND(S5.017*S5.040,0)           5.041         Distribution/General Plant         23.07%         86.887         @ROUND(S5.017*S5.040,0)           5.044         Total         100.00%         376,625         +S5.038+S5.049*S5.040+S5.041           5.045         Transmission Mains         26.53%         62.429         @ROUND(S5.019*S5.040,0)           5.046         Transmission Mains         26.53%         62.429         @ROUND(S5.019*S5.040,0)           5.047         Cavin Plant         11.89%         27.979         @ROUND(S5.019*S5.046,0)           5.048         Distribution/General Plant         34.32%         8		Total	100.00%	0	+35.020+35.029
5.033         Water Supply & Treatment         47.74%         146.465         @ROUND(55.015*5.03.0)           5.034         Transmission Mains         52.26%         160.332         @ROUND(55.015*5.03.4,0)           5.035         Total         100.00%         302         @ROUND(55.017*55.03.0)           5.035         Water Supply & Treatment         58.51%         220.364         @ROUND(55.017*55.03.0)           5.036         Transmission Mains         4.74%         17.852         @ROUND(55.017*55.03.0)           5.040         Cavin Plant         13.86%         51.522         @ROUND(55.017*55.04.0)           5.041         Distribution/General Plant         23.07%         86.887         @ROUND(55.017*55.04.0)           5.044         Allocation - 2014 Improvements         (d)         376.625         +55.038+55.040+55.041           5.044         Allocation - 2014 Improvements         (d)         @ROUND(55.019*55.04.0)         50.46.0)           5.044         Transmission Mains         27.87%         @ROUND(55.019*55.04.0)         50.46.0)           5.044         Distribution/General Plant         34.32%         80.759         @ROUND(55.021*55.054.0)           5.044         Distribution/General Plant         34.32%         80.759         @ROUND(55.021*55.053.0)		Allocation - 2003 Improvements	(b)		
5.035         Total         100.00%         306,797         +S5.033+S5.034           5.036         Allocation - 2009 Improvements         (c)         (C)           5.038         Water Supply & Treatment         58.51%         220.364         (QROUND(S5.017*S5.038.0))           5.039         Transmission Mains         4.74%         17.852         (QROUND(S5.017*S5.040.0)           5.040         Cavin Plant         13.86%         51.522         (QROUND(S5.017*S5.040.0)           5.041         Distribution/General Plant         23.07%         &&&         (BROUND(S5.017*S5.040.0)           5.042         Total         100.00%         376,625         +S5.038+S5.039+S5.040+S5.041           5.043         Water Supply & Treatment         27.26%         64,146         (QROUND(S5.019*S5.046.0)           5.044         Allocation - 2014 Improvements         (d)         (QROUND(S5.019*S5.046.0)         (QROUND(S5.019*S5.046.0)           5.044         Distribution/General Plant         34.32%         80,759         (QROUND(S5.019*S5.046.0)           5.051         Allocation - 2015 Improvements         (e)         (QROUND(S5.021*S5.053.0)         (QROUND(S5.021*S5.054.0)           5.055         Total         100.00%         214.145         +S5.045*S5.054*S5.046           5.055		•	. ,	146,465	@ROUND(S5.015*S5.033,0)
5336       Allocation - 2009 Improvements       (c)         5037       Allocation - 2009 Improvements       (c)         5038       Water Supply & Treatment       58.51%       220.364       @ROUND(S5.017*S5.038.0)         5039       Transmission Mains       4.74%       17.852       @ROUND(S5.017*S5.038.0)         5040       Cavin Plant       13.68%       GROUND(S5.017*S5.040.0)       0         5041       Distribution/General Plant       23.07%       86.887       @ROUND(S5.017*S5.041.0)         5042       Total       100.00%       376.625       +S5.038*S5.039+S5.040+S5.041         5044       Allocation - 2014 Improvements       (d)       @ROUND(S5.019*S5.045.0)       @ROUND(S5.019*S5.046.0)         5045       Water Supply & Treatment       27.26%       64.146       @ROUND(S5.019*S5.046.0)         5046       Transmission Mains       26.53%       62.429       @ROUND(S5.019*S5.046.0)         5047       Cavin Plant       13.89%       27.979       @ROUND(S5.019*S5.046.0)         5048       Distribution/General Plant       34.32%       80.759       @ROUND(S5.019*S5.046.0)         5051       Allocation - 2015 Improvements       (e)       #S5.052+S5.052.01% S5.052.0)       @ROUND(S5.021*S5.052.0)         5055       Total	5.034	Transmission Mains	52.26%	160,332	@ROUND(\$5.015*\$5.034,0)
5.037         Allocation - 2009 Improvements         ()           5.038         Water Supply & Treatment         58.51%         220.364         @ROUND(S5.017*S5.038,0)           5.040         Cavin Plant         13.68%         51.522         @ROUND(S5.017*S5.040,0)           5.041         Distribution/General Plant         23.07%         66.887         @ROUND(S5.017*S5.040,0)           5.042         Total         100.00%         376,625         +S5.038+S5.039+S5.040+S5.041           5.043         Total         100.00%         376,625         +S5.038+S5.039+S5.045,0)           5.044         Allocation - 2014 Improvements         (d)         @ROUND(S5.019*S5.045,0)           5.045         Water Supply & Treatment         27.979         @ROUND(S5.019*S5.046,0)           5.046         Distribution/Ceneral Plant         34.32%         80.759         @ROUND(S5.019*S5.046,0)           5.051         Allocation - 2015 Improvements         (e)          @ROUND(S5.019*S5.046,0)           5.052         Water Supply & Treatment         44.00%         94.224         @ROUND(S5.021*S5.052,0)           5.054         Allocation - 2015 Improvements         (f)         @ROUND(S5.021*S5.054,0)           5.055         Total         0.00%         214,145         +S5.052+S5.058,0) <td></td> <td></td> <td>100.00%</td> <td>306,797</td> <td>+S5.033+S5.034</td>			100.00%	306,797	+S5.033+S5.034
5.38       Water Supply & Treatment       56.51%       220.364       @ROUND(S5.017*S5.038,0)         5.039       Transmission Mains       4.74%       17,852       @ROUND(S5.017*S5.040,0)         5.040       Cavin Plant       23.07%       86,887       @ROUND(S5.017*S5.041,0)         5.041       Distribution/General Plant       23.07%       86,887       @ROUND(S5.017*S5.045,0)         5.043       Total       100.00%       376,625       +\$5.038+\$5.039+\$5.040+\$5.041         5.044       Allocation - 2014 Improvements       (d)        @ROUND(S5.019*S5.046,0)         5.044       Transmission Mains       25.53%       62,429       @ROUND(S5.019*S5.046,0)         5.046       Transmission Mains       27.97%       @ROUND(S5.019*S5.046,0)          5.046       Transmission Mains       20.531       *S0.45+\$5.046+\$5.047,0)          5.047       Cavin Plant       34.32%       80.759       @ROUND(S5.021*S5.054,0)         5.051       Allocation - 2015 Improvements       (e)        @ROUND(S5.021*S5.054,0)         5.054       Expanded Plant       50.09%       0       @ROUND(S5.021*S5.054,0)         5.055       Total       100.00%       214,145       *S5.052*S5.058,0)         5.056			( )		
5.39         Transmission Mains         4.74%         17.852         @ROUND(55.017*55.040,0)           5.040         Cavin Plant         13.68%         51.522         @ROUND(55.017*55.040,0)           5.041         Distribution/General Plant         23.07%         86.887         @ROUND(55.017*55.040,0)           5.042         Total         100.00%         376,625         +S5.038+S5.039+S5.040+S5.041           5.044         Allocation - 2014 Improvements         (d)          @ROUND(55.019*S5.045,0)           5.045         Transmission Mains         25.53%         62.429         @ROUND(55.019*S5.046,0)           5.047         Cavin Plant         11.89%         27.979         @ROUND(55.019*S5.048,0)           5.046         Total         100.00%         235.313         +S5.045+S5.046+S5.047.0)           5.049         Total         100.00%         235.313         +S5.045+S5.046+S5.047.0)           5.051         Allocation - 2015 Improvements         (e)          @ROUND(S5.021*S5.052.0)           5.054         Expanded Plant         0.00%         0         @ROUND(S5.021*S5.053.0)           5.055         Total         100.00%         214,145         +S5.052*S5.059.0)           5.056         Total         00.00%         0 <td></td> <td></td> <td>. ,</td> <td>220.264</td> <td></td>			. ,	220.264	
5.040         Cavin Plant         13.68%         51.522         @ROUND[\$5.017*S5.040,0]           5.041         Distribution/General Plant         23.07%         86.887         @ROUND[\$5.017*S5.041,0]           5.042         Total         100.00%         376,625         +\$5.038+\$5.039+\$5.040+\$5.041           5.043         Vater Supply & Treatment         27.26%         64,146         @ROUND[\$5.019*S5.046,0]           5.044         Allocation - 2014 Improvements         (d)         @ROUND[\$5.019*S5.046,0]         (d)           5.044         Transmission Mains         25.53%         62.429         @ROUND[\$5.019*S5.046,0]         (d)           5.047         Cavin Plant         118.9%         80.759         @ROUND[\$5.019*S5.046,0]         (d)           5.048         Distribution/General Plant         34.32%         80.759         @ROUND[\$5.021*\$5.054,0]         (d)           5.051         Allocation - 2015 Improvements         (e)          @ROUND[\$5.021*\$5.054,0]         (d)           5.055         Total         0.00%         0         @ROUND[\$5.021*\$5.054,0]         (d)           5.055         Total         0.00%         0         @ROUND[\$5.021*\$5.054,0]         (d)           5.056         Total         0.00%         0 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
5.041         Distribution/General Plant         23.07%         86,887         @ROUND(S5.017*S5.041,0)           5.042         Total         100.00%         376,625         +S5.038+S5.039+S5.040+S5.041           5.044         Allocation - 2014 Improvements         (d)         -         +S5.038+S5.039+S5.040+S5.041           5.045         Water Supply & Treatment         27.26%         64,146         @ROUND(S5.019*S5.045,0)           5.046         Transmission Mains         26.53%         62,249         @ROUND(S5.019*S5.047,0)           5.048         Distribution/General Plant         34.32%         80.759         @ROUND(S5.019*S5.046,0)           5.049         Total         100.00%         235,313         +S5.046+S5.047+S5.048           5.050         Water Supply & Treatment         44.00%         94,224         @ROUND(S5.021*S5.052,0)           5.051         Allocation - 2015 Improvements         (e)         -         .           5.052         Water Supply & Treatment         61.03%         152,241         @ROUND(S5.021*S5.053,0)           5.054         Expanded Plant         0.00%         0         @ROUND(S5.025*S5.062,0)           5.0561         Expanded Plant         2.15%         53.39         @ROUND(S5.025*S5.062,0)           5.0561         Exp	5.040				•
5.043       Allocation - 2014 Improvements       (d)         5.045       Water Supply & Treatment       27,26%       64,146       @ROUND(\$5.019*\$5.045.0)         5.046       Transmission Mains       26,53%       62,429       @ROUND(\$5.019*\$5.047.0)         5.047       Cavin Plant       11.89%       27,979       @ROUND(\$5.019*\$5.047.0)         5.047       Distribution/General Plant       34.32%       80,759       @ROUND(\$5.019*\$5.047.0)         5.049       Total       100.00%       235,313       +\$5.045+\$5.046+\$5.047+\$5.048         5.050       Mater Supply & Treatment       44.00%       94,224       @ROUND(\$5.021*\$5.052.0)         5.051       Allocation - 2015 Improvements       (e)       \$000%       109,211       @ROUND(\$5.021*\$5.054.0)         5.052       Water Supply & Treatment       46.00%       149,224       @ROUND(\$5.021*\$5.054.0)       \$05.054         5.055       Total       100.00%       214,145       +\$5.052+\$5.053+\$5.054.0)       \$05.054         5.056       Water Supply & Treatment       6.13%       152,241       @ROUND(\$5.025*\$5.058.0)       \$0.00         5.056       Total       0.00%       0       @ROUND(\$5.025*\$5.060.0)       \$06.00       \$06.01       \$06.00       \$06.00       \$06.00       \$06	5.041				•
5.044         Allocation - 2014 Improvements         (d)           5.045         Water Supply & Treatment         27.26%         64.146         @ROUND(S5.019*S5.045.0)           5.046         Transmission Mains         26.53%         62.429         @ROUND(S5.019*S5.047.0)           5.047         Cavin Plant         11.89%         27.979         @ROUND(S5.019*S5.047.0)           5.048         Distribution/General Plant         34.32%         80,759         @ROUND(S5.019*S5.048.0)           5.046         Total         100.00%         235,313         +S5.045+S5.046+S5.047+S5.048           5.050         Vater Supply & Treatment         44.00%         94,224         @ROUND(S5.021*S5.052.0)           5.051         Cavin Plant         0.00%         0         @ROUND(S5.021*S5.053.0)           5.054         Expanded Plant         56.00%         119.921         @ROUND(S5.025*S5.054.0)           5.055         Total         100.00%         214.145         +S5.052+S5.058.0)           5.056         Total         100.00%         124.145         +S5.052+S5.058.0)           5.056         Total         0.00%         0         @ROUND(S5.025*S5.050.0)           5.056         Total         0.00%         0         @ROUND(S5.025*S5.060.0)	5.042		100.00%	376,625	+\$5.038+\$5.039+\$5.040+\$5.041
5.045         Water Supply & Treatment         27.26%         64,146         @ROUND(S5.019*S5.045,0)           5.046         Transmission Mains         26.53%         62.429         @ROUND(S5.019*S5.047,0)           5.048         Distribution/General Plant         34.32%         80,759         @ROUND(S5.019*S5.047,0)           5.049         Total         100.00%         235,313         +S5.045+S5.048,0)           5.050         Allocation - 2015 Improvements         (e)         @ROUND(S5.021*S5.052,0)           5.051         Allocation - 2015 Improvements         (e)         @ROUND(S5.021*S5.054,0)           5.052         Water Supply & Treatment         44.00%         94,224         @ROUND(S5.021*S5.054,0)           5.055         Total         100.00%         214,145         +S5.052+S5.054,0)           5.055         Total         100.00%         214,145         +S5.052+S5.054,0)           5.055         Total         100.00%         214,145         +S5.052+S5.054,0)           5.056         Total         0.00%         0         @ROUND(S5.025*S5.058,0)           5.057         Allocation - 2018 Improvements         (f)         @ROUND(S5.025*S5.058,0)         @ROUND(S5.025*S5.061,0)           5.068         Water Supply & Treatment         6.13%         15			<i>(</i> <b>n</b> )		
5.046         Transmission Mains         26.53%         62.429         @ROUND(S5.019*S5.046,0)           5.047         Cavin Plant         11.89%         27.979         @ROUND(S5.019*S5.047,0)           5.048         Distribution/General Plant         34.32%         80,759         @ROUND(S5.019*S5.048,0)           5.049         Total         100.00%         235,313         +S5.045+S5.046+S5.047+S5.048           5.050         Vater Supply & Treatment         44.00%         94,224         @ROUND(S5.021*S5.052,0)           5.051         Allocation - 2015 Improvements         (e)		•		64 146	
5.047         Cavin Plant         11.89%         27,979         @ROUND(\$5.019*\$5.047,0)           5.048         Distribution/General Plant         34.32%         80,759         @ROUND(\$5.019*\$5.048,0)           5.049         Total         100.00%         235,313         +\$5.045+\$5.046+\$5.047+\$5.048           5.050         Allocation - 2015 Improvements         (e)					
5.048         Distribution/General Plant         34.32%         80,759         @ROUND(\$5.019*\$5.048,0)           5.049         Total         100.00%         235,313         +\$5.045+\$5.046+\$5.047+\$5.048           5.050         Allocation - 2015 Improvements         (e)					<b>o</b>
5.049       Total       100.00%       235,313       +\$5.045+\$5.046+\$5.047+\$5.048         5.050       Allocation - 2015 Improvements       (e)         5.051       Allocation - 2015 Improvements       (e)         5.052       Water Supply & Treatment       44.00%       94,224       @ROUND(\$5.021*\$5.052,0)         5.053       Cavin Plant       0.00%       0       @ROUND(\$5.021*\$5.054,0)         5.055       Total       100.00%       214,145       +\$5.052+\$5.054,0)         5.056       Total       100.00%       214,145       +\$5.052+\$5.054,0)         5.056       Total       100.00%       214,145       +\$5.052+\$5.054,0)         5.057       Allocation - 2018 Improvements       (f)           5.058       Water Supply & Treatment       6.13%       152,241       @ROUND(\$5.025*\$5.058,0)         5.059       Transmission Mains       2.79%       69,291       @ROUND(\$5.025*\$5.061,0)         5.060       Cavin Plant       0.00%       0       @ROUND(\$5.025*\$5.061,0)         5.061       Expanded Plant       8.893%       2.208,619       @ROUND(\$5.025*\$5.061,0)         5.062       Distribution/General Plant       2.15%       53.396       @ROUND(\$5.025*\$5.062,0)         5.064 </td <td>5.048</td> <td></td> <td></td> <td></td> <td>•</td>	5.048				•
5.051       Allocation - 2015 Improvements       (e)         5.052       Water Supply & Treatment       44.00%       94.224       @ROUND(S5.021*S5.052,0)         5.053       Cavin Plant       0.00%       0       @ROUND(S5.021*S5.054,0)         5.054       Expanded Plant       56.00%       119.921       @ROUND(S5.021*S5.054,0)         5.055       Total       100.00%       214.145       +S5.052+S5.053+S5.054         5.056       Water Supply & Treatment       6.13%       152.241       @ROUND(S5.025*S5.058,0)         5.059       Transmission Mains       2.79%       69.291       @ROUND(S5.025*S5.060,0)         5.060       Cavin Plant       0.00%       0       @ROUND(S5.025*S5.061,0)         5.061       Expanded Plant       88.93%       2,208,619       @ROUND(S5.025*S5.062,0)         5.062       Distribution/General Plant       2.15%       53.396       @ROUND(S5.025*S5.062,0)         5.063       Total       100.00%       2,483,547       +S5.007+S5.028+S5.033+S5.038+S5.045+S5.052+S5         5.066       Existing Treatment Facility       677,440       +S5.007+S5.028+S5.033+S5.038+S5.045+S5.052+S5         5.067       New Treatment Facility       2,328,540       +S5.048+S5.048+S5.062+S5.059         5.068       Transmission Faci	5.049		100.00%		
5.052         Water Supply & Treatment         44.00%         94,224         @ROUND(S5.021*S5.052,0)           5.053         Cavin Plant         0.00%         0         @ROUND(S5.021*S5.053,0)           5.054         Expanded Plant         56.00%         119,921         @ROUND(S5.021*S5.054,0)           5.055         Total         100.00%         214,145         +S5.052+S5.053+S5.054           5.056         Allocation - 2018 Improvements         (f)	5.050				
5.053         Cavin Plant         0.00%         0         @ROUND(\$5.021*\$5.053,0)           5.054         Expanded Plant         56.00%         119,921         @ROUND(\$5.021*\$5.054,0)           5.055         Total         100.00%         214,145         +\$55.052+\$5.053+\$5.054           5.055         Total         0.00%         0         @ROUND(\$5.021*\$5.053,0)           5.056         Allocation - 2018 Improvements         (f)         #\$55.052+\$55.053+\$5.054           5.058         Water Supply & Treatment         6.13%         152,241         @ROUND(\$5.025*\$5.059,0)           5.059         Transmission Mains         2.79%         69,291         @ROUND(\$5.025*\$5.060,0)           5.061         Expanded Plant         88.93%         2,208,619         @ROUND(\$5.025*\$5.061,0)           5.062         Distribution/General Plant         2.15%         53,396         @ROUND(\$5.025*\$5.062,0)           5.063         Total         100.00%         2,483,547         +\$5.058+\$5.059+\$5.061+\$5.062           5.064         Existing Treatment Facility         677,440         +\$5.023+\$5.033+\$5.038+\$5.045+\$5.059+\$5.061           5.065         Debt Service Summary         \$5.064+\$5.061         \$21,424         +\$5.041+\$5.044+\$5.039+\$5.039+\$5.059+\$5.060           5.067         New Treatment Fac	5.051				
5.054         Expanded Plant         56.00%         119,921         @ROUND(\$5.021*\$5.054,0)           5.055         Total         100.00%         214,145         +\$5.052+\$5.053+\$5.054           5.056         Allocation - 2018 Improvements         (f)         6.13%         152,241         @ROUND(\$5.025*\$5.058,0)           5.057         Allocation - 2018 Improvements         (f)         69,291         @ROUND(\$5.025*\$5.059,0)           5.059         Transmission Mains         2.79%         69,291         @ROUND(\$5.025*\$5.060,0)           5.060         Cavin Plant         0.00%         0         @ROUND(\$5.025*\$5.060,0)           5.061         Expanded Plant         88.93%         2,208,619         @ROUND(\$5.025*\$5.060,0)           5.062         Distribution/General Plant         2.15%         53,396         @ROUND(\$5.025*\$5.060,0)           5.063         Total         100.00%         2,483,547         +\$5.058+\$5.059+\$5.060+\$5.061+\$5.062           5.064         Existing Treatment Facility         677,440         +\$5.007+\$5.028+\$5.033+\$5.038+\$5.045+\$5.052+\$5.059+\$5.060           5.065         Debt Service Summary         52.067         New Treatment Facility         925,695         +\$55.028+\$5.034+\$5.033+\$5.038+\$5.045+\$5.059+\$5.059+\$5.060           5.066         Transmission Facilities         309.9					•
5.055       Total       100.00%       214,145       +\$5.052+\$5.053+\$5.054         5.056       Allocation - 2018 Improvements       (f)         5.057       Allocation - 2018 Improvements       (f)         5.058       Water Supply & Treatment       6.13%       152,241       @ROUND(\$5.025*\$5.058,0)         5.059       Transmission Mains       2.79%       69,291       @ROUND(\$5.025*\$5.059,0)         5.060       Cavin Plant       0.00%       0       @ROUND(\$5.025*\$5.060,0)         5.061       Expanded Plant       88.93%       2,208,619       @ROUND(\$5.025*\$5.062,0)         5.062       Distribution/General Plant       2.15%       53.396       @ROUND(\$5.025*\$5.062,0)         5.063       Total       100.00%       2,483,547       +\$5.058+\$5.059+\$5.061+\$5.062         5.064       5.065       Debt Service Summary       5.066       Existing Treatment Facility       677,440       +\$5.007+\$5.028+\$5.033+\$5.038+\$5.045+\$5.052+\$55         5.067       New Treatment Facility       925,695       +\$5.054+\$5.061       5.039+\$5.039+\$5.046+\$5.059         5.068       Transmission Facilities       309,904       +\$5.054+\$5.061       5.062         5.070       Distribution/General Plant       221,042       +\$5.048+\$5.062       5.071         <					
5.056       Allocation - 2018 Improvements       (f)         5.057       Allocation - 2018 Improvements       (f)         5.058       Water Supply & Treatment       6.13%       152,241       @ROUND(S5.025*S5.058,0)         5.059       Transmission Mains       2.79%       69,291       @ROUND(S5.025*S5.059,0)         5.060       Cavin Plant       0.00%       0       @ROUND(S5.025*S5.060,0)         5.061       Expanded Plant       88.93%       2,208,619       @ROUND(S5.025*S5.061,0)         5.062       Distribution/General Plant       2.15%       53,396       @ROUND(S5.025*S5.062,0)         5.063       Total       100.00%       2,483,547       +S5.058+S5.059+S5.060+S5.061+S5.062         5.064       Existing Treatment Facility       2,483,547       +S5.007+S5.028+S5.033+S5.038+S5.045+S5.052+S5         5.066       Existing Treatment Facility       925,695       +S5.023+S5.040+S5.047+S5.053+S5.060         5.067       New Treatment Facility       925,695       +S5.024+S5.040+S5.047+S5.053+S5.059         5.068       Transmission Facilities       309,904       +S5.044+S5.042+S5.033+S5.038+S5.046+S5.059         5.069       Expanded Treatment Facility       2,328,540       +S5.054+S5.061         5.070       Distribution/General Plant       221,042		•			•
5.057       Allocation - 2018 Improvements       (f)         5.058       Water Supply & Treatment       6.13%       152,241       @ROUND(S5.025*\$5.058,0)         5.059       Transmission Mains       2.79%       69,291       @ROUND(S5.025*\$5.059,0)         5.060       Cavin Plant       0.00%       0       @ROUND(S5.025*\$5.060,0)         5.061       Expanded Plant       88.93%       2,208,619       @ROUND(S5.025*\$5.062,0)         5.062       Distribution/General Plant       2.15%       53,396       @ROUND(S5.025*\$5.062,0)         5.063       Total       100.00%       2,483,547       +S5.058+S5.059+S5.060+S5.061+S5.062         5.064       Existing Treatment Facility       677,440       +S5.007+S5.028+S5.033+S5.038+S5.045+S5.052+S5         5.066       Existing Treatment Facility       925,695       +S5.023+S5.034+S5.039+S5.046+S5.059         5.068       Transmission Facilities       309,904       +S5.004+S5.047+S5.039+S5.046+S5.059         5.069       Expanded Treatment Facility       2,328,540       +S5.054+S5.061         5.071			100.0070	214,140	
5.059         Transmission Mains         2.79%         69,291         @ROUND(\$5.025*\$5.059,0)           5.060         Cavin Plant         0.00%         0         @ROUND(\$5.025*\$5.060,0)           5.061         Expanded Plant         88.93%         2,208,619         @ROUND(\$5.025*\$5.061,0)           5.062         Distribution/General Plant         2.15%         53,396         @ROUND(\$5.025*\$5.062,0)           5.063         Total         100.00%         2,483,547         +S5.058+\$5.059+\$5.060+\$5.061+\$5.062           5.064         100.00%         2,483,547         +S5.078+\$5.028+\$5.033+\$5.038+\$5.045+\$5.052+\$5.060           5.064         Existing Treatment Facility         677,440         +\$5.007+\$5.028+\$5.033+\$5.038+\$5.045+\$5.052+\$5.050+\$5.060           5.065         Debt Service Summary         909,004         +\$5.008+\$5.029+\$5.034+\$5.033+\$5.038+\$5.045+\$5.052+\$5.050           5.066         Existing Treatment Facility         925,695         +\$5.008+\$5.029+\$5.034+\$5.039+\$5.046+\$5.059           5.068         Transmission Facilities         309,904         +\$5.054+\$5.061           5.070         Distribution/General Plant         221,042         +\$5.064+\$5.062+\$5.069+\$5.070           5.071         4,462,621         +\$5.068+\$5.069+\$5.069+\$5.070         \$5.074+\$5.068+\$5.069+\$5.070               5.072             (a) Exh			(f)		
5.060         Cavin Plant         0.00%         0         @ROUND(\$5.025*\$5.060,0)           5.061         Expanded Plant         88.93%         2,208,619         @ROUND(\$5.025*\$5.062,0)           5.062         Distribution/General Plant         2.15%         53,396         @ROUND(\$5.025*\$5.062,0)           5.063         Total         100.00%         2,483,547         +S5.058+S5.059+S5.060+S5.061+S5.062           5.064         Existing Treatment Facility         677,440         +S5.007+S5.028+S5.033+S5.038+S5.045+S5.052+S5           5.066         Existing Treatment Facility         925,695         +S5.007+S5.029+S5.040+S5.047+S5.053+S5.060           5.068         Transmission Facilities         309,904         +S5.008+S5.029+S5.034+S5.039+S5.046+S5.059           5.069         Expanded Treatment Facility         2,328,540         +S5.054+S5.061           5.070         Distribution/General Plant         221,042         +S5.068+S5.067+S5.068+S5.069+S5.070           5.071         (a) Exhibit E, Contract         221,042         +S5.068+S5.067+S5.068+S5.069+S5.070           5.072         (a) Exhibit E, Contract         221,042         +S5.068+S5.067+S5.068+S5.069+S5.070           5.073         (b) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.074           5.074         (c) Based on dollars spen	5.058	Water Supply & Treatment	6.13%	152,241	
5.061         Expanded Plant         88.93%         2,208,619         @ROUND(S5.025*S5.061,0)           5.062         Distribution/General Plant         2.15%         53,396         @ROUND(S5.025*S5.062,0)           5.063         Total         100.00%         2,483,547         +S5.058+S5.059+S5.060+S5.061+S5.062           5.064         5.065         Debt Service Summary         677,440         +S5.007+S5.028+S5.033+S5.038+S5.045+S5.052+S5           5.066         Existing Treatment Facility         677,440         +S5.007+S5.028+S5.040+S5.047+S5.053+S5.050           5.067         New Treatment Facility         925,695         +S5.023+S5.040+S5.047+S5.053+S5.050           5.068         Transmission Facilities         309,904         +S5.008+S5.029+S5.034+S5.039+S5.046+S5.059           5.069         Expanded Treatment Facility         2,328,540         +S5.054+S5.061           5.070         Distribution/General Plant         221,042         +S5.041+S5.048+S5.062           5.071         4,462,621         +S5.066+S5.067+S5.068+S5.069+S5.070         5.074           5.072         (a) Exhibit E, Contract         21,042         +S5.041+S5.068+S5.069+S5.070           5.073         (b) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.074           5.075         (d) Based on estimated dollars to be spen					
5.062         Distribution/General Plant         2.15%         53,396         @ROUND(\$5.025*\$5.062,0)           5.063         Total         100.00%         2,483,547         +S5.058+S5.059+S5.060+S5.061+S5.062           5.064         5.065         bet Service Summary         677,440         +S5.007+S5.028+S5.033+S5.038+S5.045+S5.052+S5           5.066         Existing Treatment Facility         677,440         +S5.007+S5.028+S5.033+S5.038+S5.045+S5.052+S5           5.067         New Treatment Facility         925,695         +S5.023+S5.040+S5.047+S5.053+S5.060           5.068         Transmission Facilities         309,904         +S5.008+S5.029+S5.034+S5.039+S5.046+S5.059           5.069         Expanded Treatment Facility         2,328,540         +S5.041+S5.061           5.070         Distribution/General Plant         221,042         +S5.066+S5.067+S5.068+S5.069+S5.070           5.071         4,462,621         +S5.066+S5.067+S5.068+S5.069+S5.070         5.074           5.072         (a) Exhibit E, Contract         24,042         +S5.066+S5.067+S5.068+S5.069+S5.070           5.073         (b) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.074           5.075         (d) Based on estimated dollars to be spent on improvements, per Water Financial model.         5.074					<b>o</b>
5.063         Total         100.00%         2,483,547         +\$5.058+\$5.059+\$5.061+\$5.061           5.064         5.065         Debt Service Summary           5.066         Existing Treatment Facility         677,440         +\$5.007+\$5.028+\$5.033+\$5.038+\$5.045+\$5.052+\$55           5.067         New Treatment Facility         925,695         +\$5.001+\$5.029+\$5.034+\$5.039+\$5.046+\$5.059           5.068         Transmission Facilities         309,904         +\$5.008+\$5.029+\$5.034+\$5.039+\$5.046+\$5.059           5.069         Expanded Treatment Facility         2,328,540         +\$5.054+\$5.061           5.070         Distribution/General Plant         221,042         +\$5.041+\$5.068+\$5.069+\$5.070           5.071         4,462,621         +\$5.066+\$5.067+\$5.068+\$5.069+\$5.070           5.072         (a) Exhibit E, Contract         (b) Based on dollars spent on improvements, per Water Construction Fund schedule.           5.074         (c) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.075           6.075         (d) Based on estimated dollars to be spent on improvements, per Water Financial model.		•			•
5.064           5.065         Debt Service Summary           5.066         Existing Treatment Facility         677,440         +\$5.007+\$5.028+\$5.033+\$5.038+\$5.045+\$5.052+\$5           5.067         New Treatment Facility         925,695         +\$5.023+\$5.040+\$5.047+\$5.053+\$5.060           5.068         Transmission Facilities         309,904         +\$5.008+\$5.029+\$5.034+\$5.039+\$5.046+\$5.059           5.069         Expanded Treatment Facility         2,328,540         +\$5.054+\$5.061           5.070         Distribution/General Plant         221,042         +\$5.064+\$5.062           5.071         4,462,621         +\$5.066+\$5.067+\$5.068+\$5.069+\$5.070           5.072         (a) Exhibit E, Contract         (b) Based on dollars spent on improvements, per Water Construction Fund schedule.           5.074         (c) Based on dollars spent on improvements, per Water Construction Fund schedule.         (d) Based on estimated dollars to be spent on improvements, per Water Financial model.					
5.065         Debt Service Summary           5.066         Existing Treatment Facility         677,440         +\$5.007+\$5.028+\$5.033+\$5.038+\$5.045+\$5.052+\$5           5.067         New Treatment Facility         925,695         +\$5.002+\$5.040+\$5.047+\$5.053+\$5.060           5.068         Transmission Facilities         309,904         +\$5.008+\$5.029+\$5.034+\$5.039+\$5.046+\$5.059           5.069         Expanded Treatment Facility         2,328,540         +\$5.054+\$5.061           5.070         Distribution/General Plant         221,042         +\$5.066+\$5.067+\$5.068+\$5.069+\$5.070           5.071         (a) Exhibit E, Contract         4,462,621         +\$5.066+\$5.067+\$5.068+\$5.069+\$5.070           5.073         (b) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.074           6.074         (c) Based on estimated dollars to be spent on improvements, per Water Financial model.         5.074		i otai	100.0070	2,400,041	- 00.000 · 00.000 · 00.000 · 00.001 · 00.002
5.066         Existing Treatment Facility         677,440         +S5.007+S5.028+S5.033+S5.038+S5.045+S5.052+S5           5.067         New Treatment Facility         925,695         +S5.023+S5.040+S5.047+S5.053+S5.060           5.068         Transmission Facilities         309,904         +S5.008+S5.029+S5.033+S5.039+S5.046+S5.059           5.069         Expanded Treatment Facility         2,328,540         +S5.004+S5.047+S5.034+S5.039+S5.046+S5.059           5.070         Distribution/General Plant         221,042         +S5.041+S5.061           5.071         (a) Exhibit E, Contract         4,462,621         +S5.066+S5.067+S5.068+S5.069+S5.070           5.072         (a) Exhibit E, Contract         (b) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.074           5.074         (c) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.074           5.075         (d) Based on estimated dollars to be spent on improvements, per Water Financial model.		Debt Service Summary			
5.068         Transmission Facilities         309,904         +S5.008+S5.029+S5.034+S5.039+S5.046+S5.059           5.069         Expanded Treatment Facility         2,328,540         +S5.054+S5.061           5.071         Distribution/General Plant         221,042         +S5.064+S5.062           5.072         (a) Exhibit E, Contract         4,462,621         +S5.066+S5.067+S5.068+S5.069+S5.070           5.073         (b) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.074           5.074         (c) Based on estimated dollars to be spent on improvements, per Water Financial model.         5.074	5.066	Existing Treatment Facility			+\$5.007+\$5.028+\$5.033+\$5.038+\$5.045+\$5.052+\$5.0
5.069       Expanded Treatment Facility       2,328,540       +S5.054+S5.061         5.070       Distribution/General Plant       221,042       +S5.041+S5.048+S5.062         5.071       4,462,621       +S5.066+S5.067+S5.068+S5.069+S5.070         6.073       (b) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.074       (c) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.075       (d) Based on estimated dollars to be spent on improvements, per Water Financial model.					
5.070       Distribution/General Plant       221,042       +S5.041+S5.048+S5.062         5.071       4,462,621       +S5.066+S5.067+S5.068+S5.069+S5.070         6.073       (b) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.074       (c) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.075       (d) Based on estimated dollars to be spent on improvements, per Water Financial model.					
5.071       4,462,621       +\$5.066+\$5.067+\$5.068+\$5.069+\$5.070         5.072       (a) Exhibit E, Contract       (b) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.074       (c) Based on dollars spent on improvements, per Water Construction Fund schedule.         5.075       (d) Based on estimated dollars to be spent on improvements, per Water Financial model.					
<ul> <li>(a) Exhibit E, Contract</li> <li>(b) Based on dollars spent on improvements, per Water Construction Fund schedule.</li> <li>(c) Based on dollars spent on improvements, per Water Construction Fund schedule.</li> <li>(d) Based on estimated dollars to be spent on improvements, per Water Financial model.</li> </ul>		Distribution/General Plant			
<ul> <li>(b) Based on dollars spent on improvements, per Water Construction Fund schedule.</li> <li>(c) Based on dollars spent on improvements, per Water Construction Fund schedule.</li> <li>(d) Based on estimated dollars to be spent on improvements, per Water Financial model.</li> </ul>		(a) Exhibit E. Contract		+,+0Z,0Z I	·
<ul> <li>5.074 (c) Based on dollars spent on improvements, per Water Construction Fund schedule.</li> <li>5.075 (d) Based on estimated dollars to be spent on improvements, per Water Financial model.</li> </ul>			s, per Water (	Construction	Fund schedule.
5.076 (e) Based on estimated dollars to be spent on improvements, per Water Financial model.					

5.076 5.077 (e) Based on estimated dollars to be spent on improvements, per Water Financial model.
 (f) Based on estimated dollars to be spent on improvements, per Water Financial model.

# Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2020 Estimate for FY 2021 Rate

LINC			
6.000		FY 2020	
6.001			
6.002		\$	
6.003		1 011 050	01.010
	Administrative and General Expenses	1,611,352	+S1.040
6.005			
	Basis of Allocation = Supervised Expenses (b)	0 400 054	. 64 004 . 64 000 . 64 004
6.007	Existing Treatment Facility	2,122,051	+S4.004+S4.009+S4.021
6.008		007 400	. 64 042 . 64 000
6.009	New Treatment Facility	997,198	+S4.013+S4.022
6.010		0	04.047.04.000
6.011	Expanded Treatment Facility	0	+S4.017+S4.023
6.012	<b>T</b>	005 004	00.044
6.013	Transmission System	605,661	+\$3.014
6.014		700.000	00.040
6.015	Distribution System	788,266	+\$3.016
6.016		740.040	04.044
6.017	Customer Accounting & Information	712,842	+S1.041
6.018			
6.019	Total Above	5,226,019	@SUM(S6.007S6.017)
6.020			
	Allocation Of Admin. & Gen. Expense	054.007	
6.022	Existing Treatment Facility	654,297	@ROUND(+S6.004*S6.007/S6.019,0)
6.023		007.000	
6.024	New Treatment Facility	307,469	@ROUND(+S6.004*S6.009/S6.019,0)
6.025			
6.026	Expanded Treatment Facility	0	@ROUND(+S6.004*S6.011/S6.019,0)
6.027	<b>T</b>	100 7 15	
6.028	Transmission System	186,745	@ROUND(+S6.004*S6.013/S6.019,0)
6.029			
6.030	Distribution System	243,048	@ROUND(+S6.004*S6.015/S6.019,0)
6.031		0.40 700	
6.032	Customer Accounting & Information	219,792	@ROUND(+S6.004*S6.017/S6.019,0)
6.033			
6.034	Total Above	1,611,351	@SUM(S6.022S6.032)
6.035	(b) Evaluates expenses which year with the		

6.036 (b) Excludes expenses which vary with the quantity of water produced.

# Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2020 Estimate for FY 2021 Rate

7.004 7.005 7.006 7.007 7.008 7.009 7.010 7.011 7.012 7.013 7.014 7.015 Ne 7.016 7.017 7.018 7.019 7.020 7.021 7.022 7.022 7.023 7.024 7.025 7.026	Estima	ate for FY 2021 Rat	e
7.002 7.003 Ex 7.004 7.005 7.006 7.007 7.008 7.009 7.010 7.011 7.012 7.013 7.014 7.015 7.016 7.017 7.018 7.016 7.017 7.018 7.019 7.020 7.021 7.022 7.023 7.024 7.025 7.026 7.027 Tra 7.028 7.029 7.030 7.031 7.031 7.034 7.035		FY 2020	
7.004 7.005 7.006 7.007 7.008 7.009 7.010 7.011 7.012 7.013 7.014 7.015 7.015 7.016 7.017 7.018 7.019 7.020 7.021 7.022 7.023 7.024 7.022 7.023 7.024 7.025 7.026 7.027 7.028 7.029 7.030 7.031 7.031 7.032 7.033 7.034 7.035		\$	
7.006 7.007 7.008 7.010 7.011 7.012 7.013 7.014 7.015 7.016 7.017 7.018 7.019 7.020 7.021 7.020 7.021 7.022 7.023 7.024 7.025 7.026 7.027 7.028 7.026 7.027 7.028 7.020 7.030 7.031 7.032 7.034 7.035	kisting Treatment Facility Fixed Costs Debt Service	677,440	+S5.066
7.008 7.009 7.010 7.011 7.012 7.013 7.014 7.015 7.016 7.017 7.018 7.019 7.020 7.021 7.022 7.023 7.024 7.023 7.024 7.025 7.026 7.027 7.028 7.020 7.030 7.031 7.032 7.033 7.034 7.035	O&M Expense	2,122,051	+S4.004+S4.009+S4.021
7.010 7.011 7.012 7.013 7.014 7.015 Ne 7.016 7.017 7.018 7.019 7.020 7.021 7.022 7.023 7.024 7.025 7.026 7.027 Tra 7.028 7.029 7.030 7.031 7.031 7.032 7.034 7.035	Replacements & Improvements	147,471	+S7.057
7.012 7.013 7.014 7.015 Net 7.016 7.017 7.018 7.019 7.020 7.021 7.022 7.023 7.024 7.025 7.026 7.027 Tra 7.028 7.029 7.030 7.031 7.031 7.032 7.034 7.035	Admin. & General Expense	654,297	+S6.022
7.014 7.015 Ne 7.016 7.017 7.018 7.019 7.020 7.021 7.022 7.023 7.024 7.025 7.026 7.027 7.028 7.029 7.020 7.030 7.031 7.032 7.033 7.034 7.035	Total Existing Treatment Facility Fixed Costs	3,601,259	@SUM(S7.004S7.010)
7.016 7.017 7.018 7.019 7.020 7.021 7.022 7.023 7.024 7.025 7.026 7.027 7.028 7.027 7.028 7.029 7.030 7.031 7.031 7.032 7.033 7.034 7.035			
7.018 7.019 7.020 7.021 7.022 7.023 7.024 7.025 7.026 7.027 7.028 7.029 7.030 7.031 7.032 7.033 7.034 7.035	ew Treatment Facility Fixed Costs		
7.020 7.021 7.023 7.024 7.025 7.026 7.027 7.028 7.029 7.029 7.030 7.031 7.033 7.033 7.033 7.034 7.035	Debt Service	925,695	+S5.067
7.022 7.023 7.024 7.025 7.026 7.027 7.028 7.029 7.030 7.031 7.031 7.033 7.033 7.034 7.035	O&M Expense	997,198	+\$4.013+\$4.022
7.024 7.025 7.026 7.027 Tra 7.028 7.030 7.030 7.031 7.032 7.033 7.034 7.035	Replacements & Improvements	312,875	+S7.061
7.026 7.027 Tra 7.028 7.029 7.030 7.031 7.032 7.033 7.034 7.035	Admin. & General Expense	307,469	+S6.024
7.028 7.029 7.030 7.031 7.032 7.033 7.034 7.035	Total New Treatment Facility Fixed Costs	2,543,237	@SUM(S7.017S7.023)
7.030 7.031 7.032 7.033 7.034 7.035	ansmission Facility Fixed Costs Debt Service	309,904	+\$5.068
7.032 7.033 7.034 7.035	O&M Expense	605,661	+S3.014
7.034 7.035	Replacements & Improvements	241,349	+S7.065
	Admin. & General Expense	186,745	+\$6.028
	Total Transmission Facility Fixed Costs	1,343,659	@SUM(S7.028S7.034)
	kpanded Treatment Facility Fixed Costs		
7.039 7.040	Debt Service	2,328,540	+\$5.069
7.041 7.042 7.043	O&M Expense	0	+S4.017+S4.023
7.043 7.044 7.045	Replacements & Improvements	0	+S7.069
7.045 7.046 7.047	Admin. & General Expense	0	+S6.026
7.047 7.048 7.049	Total Expanded Treatment Facility Fixed Costs	2,328,540	@SUM(S7.040S7.046)
	ariable Expenses Total Amount	1,159,713	+S4.029
7.052	ant Investment as of May 31, 2019:	1,109,715	+34.029
7.054	Existing Treatment Facilities		
7.055 7.056	Existing/Additions Cavin Project Improvements	(a) 10,185,837 (a) 1,611,825	1.25% 127,323 1.25% 20,148
7.057 7.058	New Treatment Facilities	(a) <u>11,797,662</u>	147,471
7.058	Additions	(a) 1,812,492	1.25% 22,656
7.060 7.061	Cavin Project Improvements	(a) <u>23,217,545</u> 25,030,037	1.25% <u>290,219</u> 312,875
7.062	Transmission Facilities		
7.063	Existing/Additions	(a) 16,852,493	1.25% 210,656
7.064 7.065	Cavin Project Improvements	(a) <u>2,455,475</u> 19,307,968	1.25% <u>30,693</u> 241,349
7.066	Expanded Treatment Facilities	(a)	1.05%
7.067 7.068	Additions Cavin Project Improvements	(a) 0	1.25% 0
7.069	Gavin Floject improvements	(a) <u>0</u> 0	1.25% <u>0</u> 0
7.070 7.071 (a			
7.071 (a 7.072 7.073	a) Contributions to R&R Fund for FY 2017 were 1.25%	% of Plant Invoctors	nt

Schedule 8 Exhibit H for FY 2020 Development of Charges to Districts

Line

# 3-16-2020

# Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2020 Estimate for FY 2021 Rate

Line		Estimate to	r FY 2021 Ra	te			
8.000			Who	lesale Custon	ners		
8.001		Total					
8.002		System	Southeast	West	East		
8.003		Costs	Daviess	Daviess	Daviess	Subtotal	
8.004							
8.005							
8.006	Existing Treatment Facility						
8.007	Total Costs	\$3,601,259	+S7.012				
8.008							
8.009	District Responsibility						
8.010	Percent		13.56%	9.65%	4.09%	27.30%	+S2.019
8.011	Amount		\$488,331	\$347,522	\$147,292	\$983,145	@ROUND(S8.007*S8.010,0)
8.012							
8.013							
8.014	New Treatment Facility						
8.015	Total Costs	\$2,543,237	+S7.025				
8.016							
8.017	District Responsibility						
8.018	Percent		12.75%		4.00%		+S2.056
8.019	Amount		\$324,263	\$209,817	\$101,729	\$635,809	@ROUND(S8.015*S8.018,0)
8.020							
8.021							
	Transmission Facilities		07.000				
8.023	Total Costs	\$1,343,659	+S7.036				
8.024							
8.025	District Responsibility		1= 0.00/		0.000/	05 000	00.000
8.026	Percent		17.36%		6.66%		+S2.028
8.027	Amount		\$233,259	\$151,565	\$89,488	\$474,312	@ROUND(S8.023*S8.026,0)
8.028							
8.029	Expanded Treatment Facility						
8.030	Expanded Treatment Facility Total Costs	¢2 220 540	+S7.048				
8.031	Total Costs	\$2,328,540	+37.040				
8.032	District Rosponsibility						
8.033	District Responsibility Percent		15.61%	10.94%	7.07%	33 62%	+S2.085
8.035	Amount		\$363,485	\$254,742	\$164,628	\$782,855	@ROUND(S8.031*S8.034,0)
8.036	Anount		ψ000, <del>4</del> 00	Ψ204,742	ψ10 <del>4</del> ,020	ψ <i>i</i> 02,000	(COND(CO.COT CO.COT,C))
8.037							
	Variable Expenses						
8.039	Total Costs	\$1,159,713	+S7.051				
8.040		\$1,100,110	01.001				
8.041	District Responsibility						
8.042	Percent		16.41%	10.29%	7.20%	33.90%	+S2.009
8.043	Amount		\$190,309	\$119,335	\$83,499	\$393,143	@ROUND(S8.039*S8.042,0)
8.044							
8.045			SEDC	WDC	EDC		
8.046	Total Prior Year True-Up Adjustment		\$18,152	\$125,335	(\$54,469)	\$89,018	
8.047	Unrecovered True-Up Charges		\$0	\$0	\$54,469	\$54,469	
8.048	True-Up Adjustment This Period		\$18,152	\$125,335	\$0	\$143,487	
8.049							
8.050	Total Charges to Districts for FY 2020		\$1,617,799	\$1,208,316	\$586,636	\$3,412,751	+S8.011+S8.019+S8.027+S8.035+S8.043+S8.048
8.051							
8.052							
8.053	Effective Unit Charge		SEDC	WDC	EDC		
8.054	Existing Treatment Facility		\$0.710	\$0.804	\$0.488	\$0.691	@ROUND(+S8.011/(1000*S9.008),3)
8.055	New Treatment Facility		\$0.471	\$0.486	\$0.337	\$0.447	@ROUND(+S8.019/(1000*S9.008),3)
8.056	Transmission Facilities		\$0.339	\$0.351	\$0.296	\$0.334	@ROUND(+S8.027/(1000*S9.008),3)
8.057	Expanded Treatment Facility		\$0.528	\$0.590	\$0.545	\$0.551	@ROUND(+S8.035/(1000*S9.008),3)
8.058	Variable Expenses		\$0.277	\$0.276	\$0.277	\$0.277	@ROUND(+S8.043/(1000*S9.008),3)
8.059	Prior Year Trueup		\$0.026	\$0.290	\$0.000	\$0.101	@ROUND(+S8.048/(1000*S9.008),3)
8.060							
8.061	w/ true up		\$2.351	\$2.797	\$1.943	\$2.400	@SUM(S8.054S8.059)
8.062	w/o true up		\$2.325	\$2.507	\$1.943		

# Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2020 Estimate for FY 2021 Rate

Line		Lotinate io	11202110				
9.000			Wh	olesale Custor	ners		
9.001							
9.002			Southeast	West	East		
9.003			Daviess	Daviess	Daviess	Subtotal	
9.004							
9.005							
9.006	Sales, FY 1991	Mil. gal	521	338	151	1,010	+S10.027
9.007	Growth Factor		1.320	1.275	2.000		S1.010 through S1.012
9.008	Sales, FY 2020	Mil. gal	688	432	302	1,422	@ROUND(S9.006*S9.007,0)
9.009							
9.010	Total FY 2020 Charges		\$1,617,799	\$1,208,316	\$586,636	\$3,412,751	+\$8.050
9.011							
9.012	Effective unit cost (per 1000 gallons)		\$2.351	\$2.797	\$1.943	\$2.400	@ROUND(+S9.010/(1000*S9.008),3)
9.013							
9.014	Rate Floor - set in first fiscal year of						
9.015	operation of New Treatment Facility		\$1.148	\$1.213	\$1.148	\$1.168	(Per Contracts)
9.016							
9.017	WATER RATES effective June 1, 2020		\$2.351	\$2.797	\$1.943	\$2.400	@MAX(+S9.012,+S9.015)
9.018							
9.019	Effective Rate Over	(Under) Floor	\$1.203	\$1.584	\$0.795		
9.020							
9.021							
9.022	Current Rates (per 1000 gallons) - effect	tive 6-1-19	\$1.890	\$2.270	\$1.630		
9.023	Increase (Decrease)		\$0.461	\$0.527	\$0.313		
9.024	Percent Increase (Decrease)		24.4%	23.2%	19.2%		

3-16-2020

### Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2020 Estimate for FY 2021 Rate

Line		Fiscal Year E Estimate for I							
10.000			Whol	esale Custome	rs				
10.001 10.002			Southeast	West	East		OMU Retail	Total OMU	
10.003		Units	Daviess	Daviess	Daviess	Subtotal	Customers	System	
10.004	Data for Base Year FY 1989								
10.005									
10.007	Average of 5 Maximum Day Demands		0.000	(C)		4 0 4 0			
10.008 10.009	Amount (a) Allowance for Transmission Losses	mgd	2.330 2%	1.900 2%	0.582 2%	4.812 Estimated			
10.010	Amount Adjusted for Losses	mgd	2.378	1.939	0.594	4.911			
10.011 10.012	For Information Only								
10.012	Annual sales	Mil cf	67.08	45.89	21.02	(a)			
10.014	Annual sales	Mil. gal.	502	343	157		7.48*S10.013,0)		
10.015 10.016	Average Day Ratio Max to Average Day	mgd	1.38 1.69	0.94 2.02	0.43 1.35	+S10.014/3 +S10.008/S			
10.017									
10.018 10.019	Average of System E maximum day domar	ada					mad	17.00	
10.019	Average of System 5 maximum day demar Allowance for filter wash water	lus					mgd	17.90 2%	(a)
10.021	Adj. System 5 Maximum Day Demands (Ba	ase year plant u	sage)				mgd	17.54	@ROUND(+S10.019*(1-S10.020),2)
10.022 10.023									
10.024									
	Input data for FY 1991 (a) Annual Sales	Million cf		(b)	<b>`</b>	125.0	200.2	534.2	
10.026 10.027	Annual Sales Annual Sales	Mil. gal.	521	(b) 338	) 151	135.0 1,010	399.2 2,986	3,996	
10.028		-		(c)					
10.029 10.030	Average of 5 Maximum Day Demands	mgd	1.95	1.35	0.60	@ROUND(	S10.033*S10.02	7/365,3)	
10.031	For Information Only								
10.032 10.033	Average Day	mgd	1.427 1.37	0.926 1.46	0.414 1.45	+S10.027/3 +S10.029/S		1 11	
10.033	Ratio Max to Average Day		1.37	1.40	1.45	+510.029/5	10.032	1.41	<< Ave SE & W
10.035	Allowance for Transmission Losses		2%	2%	2%	Estimated			
10.036	Data Adjusted for Water Losses								
	District Data:								
10.039 10.040	Annual Water Sales Average of 5 Maximum Day Demands	Mil. gal. mgd	532 1.990	345 1.378	154 0.612		+S10.027/(1-S10 +S10.029/(1-S10		
10.040	Average of 5 Maximum Day Demands	mgu	1.990	1.376	0.012	@ROOND(-	-310.029/(1-310	1.035),3)	
	Total System Data:							17.00	
10.043 10.044	Average of 5 Maximum Day Demands Filter wash water						mgd mgd	17.26 0.35	(a) @ROUND(0.02*S10.043,2)
10.045	Adj. 5 Max. Day Demands						mgd	16.91	+S10.043-S10.044
10.046 10.047									
10.047	Total treated water					(a)	Mil. gal.	4,944	@ROUND(660.9*7.48,0)
10.049	Filter wash water					(a)	Mil. gal.	98	@ROUND(13.1*7.48,0)
10.050 10.051	Treated water delivered to trans. system						Mil. gal.	4,846	+S10.048-S10.049
10.052									
10.053 10.054	(a) Source: OMU staff tabulation dated 8-1	0.01		(b) Total wholes		outhoast Davi	ess and West D	aviona	
10.054	May, 1991 Financial Statement	9-91		(c) Amount per				aviess.	
10.056				ratios of the c	other distric	sts.			
10.057 10.058	(d) East Daviess est 5 day max day demand								
10.059	FY 1989 Annual Sales	Million cf	21.02	<< OMU mont	hly listing o	of district sales	3		
10.060	FY 1989 Annual Sales	Mil. gal.	157.2	@ROUND(S1					
10.061 10.062	Average day demand Estimated Max day ratio	mgd	0.431 1.35	@ROUND(S1	0.000/305,	3)			
10.063	Est. East Daviess 5 day max day demand	(mgd)	0.582	@ROUND(S1	0.061*S10.	062,3)			
10.064 10.065									
10.065									

10.066 10.067

# East Daviess County Water Association Historical Rate Analysis Summary Costs and Charges after Floor

Fiscal Year	Rate Chg. %	Estimate Gals. (000)	Actual Gals. (000)	Rate/ Thous. Gals. \$	Collected From District \$	Actual Cost \$	Difference
FY 2007	0.00%	312,000	311,340	\$1.148	\$357,418	\$397,486	(\$40,068)
FY 2008	8.89%	315,000	315,964	\$1.250	\$394,955	\$422,121	(\$27,166)
FY 2009	8.80%	309,000	308,795	\$1.360	\$419,961	\$396,189	\$23,772
FY 2010	0.00%	299,000	291,304	\$1.360	\$396,173	\$334,417	\$61,756
FY 2011	0.00%	305,000	302,172	\$1.360	\$410,953	\$352,677	\$58,276
FY 2012	0.00%	296,000	301,556	\$1.360	\$410,116	\$359,043	\$51,073
FY 2013	-11.76%	303,000	308,007	\$1.200	\$369,524	\$417,815	(\$48,291)
FY 2014	0.00%	296,000	296,754	\$1.200	\$356,105	\$359,745	(\$3,640)
FY 2015	6.67%	297,000	294,469	\$1.280	\$376,919	\$338,050	\$38,869
FY 2016	0.00%	295,000	292,417	\$1.280	\$374,295	\$350,695	\$23,600
FY 2017	0.00%	297,000	297,336	\$1.280	\$380,590	\$394,433	(\$13,843)
FY 2018	0.00%	309,000	317,367	\$1.280	\$406,230	\$413,412	(\$7,182)
FY 2019	11.02%	290,000	294,748	\$1.421	\$418,874	\$481,561	(\$62,687)
Totals to I	Date	3,923,000	3,932,229		\$5,072,113	\$5,017,644	\$54,469

# Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2019 TRUE-UP CALCULATION

Line		TRUE-UP	CALCULATIO	N				
1.000 1.001 1.002			FY 1991 Amount	FY 1991 Reference	Inflation Factor	Growth Factor	Calculated Growth Factor	FY 2019 Amount
1.003 1.004							28	
1.005	Water System Demands and Usage						Years	
1.006 1.007 1.008	System Annual Quantity	Mil. Gal.	4,846	+S10.050	0%	-0.40%	0.895	4,336
1.009	District Annual Quantity							
1.010	Southeast Daviess	Mil. Gal.	532	+S10.039	0%	0.86%	1.273	677
1.011	West Daviess	Mil. Gal.	345	+S10.039	0%	0.97%	1.310	452
1.012 1.013	East Daviess	Mil. Gal.	154	+S10.039	0%	2.42%	1.955	301
1.014	Maximum Day Quantity							
1.015	Southeast Daviess	mgd	1.990	+S10.040	0%	0.81%	1.254	2.495
1.016	West Daviess	mgd	1.378	+S10.040	0%	0.84%	1.266	1.744
1.017 1.018	East Daviess	mgd	0.612	+S10.040	0%	2.11%	1.792	1.097
1.019 1.020	System Maximum Day Quantity	mgd	16.91	+S10.045	0%	-0.52%	0.864	14.61
1.021 1.022	Operation and Maintenance Expense							
1.023	Transmission and Dist. Expense	\$	269,521	(a)	5.60%	0%	4.601	1,239,975
1.024 1.025	Source of Supply Expense Existing Treatment Plant Expense	\$	121,068	(a)	7.70%	0%	7.986	966,802
1.026	Chemicals	\$	198,132	(a)	1.80%	-0.40%	1.476	292,359
1.027	Other	\$	405,493	(a)	2.49%	0%	1.992	807,899
1.028	New Treatment Plant Expense		,	( )				
1.029	Chemicals	\$	0		n/a	n/a	n/a	149,394
1.030	Other	\$	0		n/a	n/a	n/a	713,885
1.031	Expanded Treatment Plant Expense							
1.032	Chemicals	\$	0		n/a	n/a	n/a	0
1.033	Other	\$	0		n/a	n/a	n/a	0
1.034	Pumping Expense							
1.035	Electric Power	\$	240,191	(a)	4.07%	-0.40%	2.743	658,811
1.036	Other-Existing Plant	\$	8,840	(a)	7.51%	0%	7.605	67,233
1.037	Other-New Plant	\$	0		n/a	n/a	n/a	78,150
1.038 1.039	Other-Expanded Plant	\$	0		n/a	n/a	n/a	0
1.040	Administrative Expenses	\$	689,980	(a)	2.73%	0%	2.128	1,468,461
1.041	Customer Accounting & Information	\$	176,825	(a)	5.35%	0%	4.303	760,901
1.042							-	
1.043 1.044	(a) FY 1991 financial statements.		2,110,050				•	7,203,871
1.045 1.046	Debt Service Payments							
1.047	<b>_</b>							
1.048	Existing Plant	\$	487,100					0
1.049	1999 Improvements	\$	0					0
1.050	2003 Improvements	\$	0					309,339
1.051	2009 Improvements	\$	0					194,229
1.052	2014 Improvements	\$	0					222,459
1.053	2015 Improvements	\$	0					212,442
1.054	Cavin Plant	\$	0					1,042,732
1.055	2018 Improvements	\$	0					939,170
1.056			487,100					2,920,371
1.057								
1.058								

Line

	1 for FY 2019 District Percentage Responsibility for Costs	Analysis: Profe Fiscal Year E TRUE-UP CA	nding May 3	1, 2019	le Customers				
2.000			Whol	esale Custorr	ners				
2.001							OMU	Total	
2.002 2.003 2.004		Units	Southeast Daviess	West Daviess	East Daviess	Subtotal	Retail Customers	OMU System	
2.005 2.006 2.007 2.008	FY 2019 System Annual Quantity FY 2019 District Annual Quantity	Mil. gal. Mil. gal.	677	452	301	1,430	2,906 +S1.010, +S1	,	+S1.007 012
2.008 2.009 2.010 2.011	District Responsibility for Variable Expense	es	15.61%	10.42%	6.94%	32.97%	@ROUND(+\$	S2.007/S2.0	06,4)
2.012 <u>C</u>	District Responsibility for Fixed Costs of Existin	g Facilities							
2.013 2.014 F	Y 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911	+S10.010		
2.015 F	Y 1989 Plant Usage (Base)	mgd						17.54	+S10.021
2.016 A 2.017	After June 1, 2018? Percentages after June 1, 2018	Yes	13.56%	9.65%	4.09%	27.30%			
2.018 2.019 2.020	District Responsibility for Fixed Costs of Ex Percent	kisting Facilities	13.56%	9.65%	4.09%	27.30%	@IF(S2.016=	No,ROUND	(+S2.014/S2.015,4),ROUND(+S2.01
2.021	Nistriat Paspanaibility for Eivad Casta of Evistin	a Transmission	Essilition						
2.023	District Responsibility for Fixed Costs of Existin								
2.024 2.025 2.026	FY 2019 District Maximum Day Quantity FY 2019 System Maximum Day Quantity		2.495	1.744	1.097	5.336	+S1.015, +S1	,	)17 +S1.019
.027 .028 .029	District Responsibility for Fixed Costs of Ex Percent	kisting Transmis	sion Facilitie 17.08%	s 11.94%	7.51%	36.53%	@ROUND(+\$	S2.024/S2.0	25,4)
.030	District Responsibility for Fixed Costs of New F	acilities							
.031 <u>L</u> .032	District Responsibility for Fixed Costs of New F	acinues							
.033 .034 .035	FY 2019 System Maximum Day Quantity less Base Year Plant Usage	mgd mgd						14.61 17.54	+S1.019 Contract
.036	New Plant Capacity	mgd						10.00	Input
.037 .038	FY 2019 New Plant Usage FY 2019 New Plant Usage	mgd mgd	(but not less	s than zero)				(2.93)	+S2.033-S2.034 @IF(S2.037<0,0,+S2.037)
.039 .040	FY 2019 Reserve Capacity	mgd	,	,				10.00	+S2.036-S2.038
.041	FY 2019 Maximum Day Quantity	mgd	2.495	1.744	1.097	5.336	+S2.024		
.042 .043	FY 1989 District Base Quantity District Growth Quantity	mgd mgd	2.378 0.117	1.939 (0.195)	0.594 0.503	4.911	+S10.010 +S2.041-S2.0	)42	
.044	But not less than zero	mgd	0.117	0.000	0.503		@IF(S2.043<	:0,0,+S2.04	3)
.045 .046 .047	District Growth Ratio		1.000	0.000	1.000		@IF(S2.038=	0,@IF(S2.04	44=0,0,1),S2.044/S2.038
.048	Ratio District Growth Quantity / New Plant	Capacity							
.049 .050 .051	Factor	percent	1.17%	0.00%	5.03%		@ROUND(S	2.044/S2.03	6,4)
.052 .053 .054	Minimum District Responsibility	percent	12.75%	8.25%	4.00%	25.00%	(a)		
.055	District Responsibility for Fixed Costs of No	ew Facilities							
.056 .057 .058	Percent (a) Per Contracts.		12.75%	8.25%	5.03%	26.03%	@MAX(S2.05	50,S2.053)	
.061	District Responsibility for Fixed Costs of Expan	ded Facilities							
.062 .063 .064	FY 2019 System Maximum Day Quantity less Base Year Plant Usage	mgd mgd						14.61 17.54	+S1.019 Contract
.065	New Plant Capacity	mgd						10.00	Input
.066 .067 .068	FY 2019 Expanded Plant Usage FY 2019 Expanded Plant Usage FY 2019 Reserve Capacity	mgd mgd mgd	(but not less	s than zero)				(2.93) 0.00 10.00	+S2.062-S2.063 @IF(S2.066<0,0,+S2.066) +S2.065-S2.067
.069 .070	FY 2019 Maximum Day Quantity	mgd	2.495	1.744	1.097	5.336	+S2.024		
.071	FY 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911	+S10.010	074	
.072 .073 .074	District Growth Quantity But not less than zero	mgd mgd	0.117 0.117	(0.195) 0.000	0.503 0.503		+S2.070-S2.0 @IF(S2.072<		2)
.075	District Growth Ratio		1.000	0.000	1.000		@IF(S2.067=	0,@IF(S2.0	73=0,0,1),S2.073/S2.067
.076 .077	Ratio District Growth Quantity / Expanded	Plant Capacity							
.078			4 4 70/	0.000/	E 000/			0 070/00 00	5 4)
2.079 2.080 2.081	Factor	percent	1.17%	0.00%	5.03%		@ROUND(S	2.013/32.06	U,7)
2.082 2.083 2.084	Minimum District Responsibility District Responsibility for Fixed Costs of Ex	percent	15.61%	10.94%	7.07%	33.62%	(a)		
085 086	Percent (a) Per Contracts.	yanucu raunne	15.61 <sup>®a</sup>	te Caleulation	.xls.xl <del>\$</del> .07%	33.62%	@MAX(S2.07	79,S2.082)	

Schedule 3 Exhibit C for FY 2019 Transmission O&M Expense

Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010

Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2019

Line	Fiscal Year Ending May 31, 2019 TRUE-UP CALCULATION									
3.000 3.001										
	FY 2019 Annual Transmission & Distribution Expense	\$1.239.975	+61 022	(a)						
3.002		φ1,209,970	101.025	(a)						
3.004 3.005	Beginning of year inch-feet of transmission and distribution	ion system								
3.006	Distribution mains (less than 8 inch)	6,869,294								
3.007										
3.008	Transmission mains ( 8 inch & over)	5,295,022								
3.009										
3.010	Total	12,164,316								
3.011	<b>—</b>	40.50%								
3.012	Transmission portion	43.53%								
3.013 3.014	Calculated Transmission O&M Expense	\$539.761		0(S3.002*S3.012,0)						
3.014		<i>4009,101</i>	WINDOWL	(00.002 00.012,0)						
3.016	Net Distribution O&M Expense	\$700.214	+\$3.002-5	\$3.014						
3.017	····	<b>*</b> ·••,_··								
3.018										
3.019										
3.020										
3.021	<ul><li>(a) Total water trans. &amp; dist. expense less maintena</li></ul>	ance of services,								
3.022 3.023	meters, hydrants and misc. plant.									

3-16-2019

Schedule 4 Exhibit D for FY 2019		Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010							
Water Supply & Treatment O&M Expense			Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2019						
Line		TRUE-UP CALCULATION							
4.000		FY 2019							
4.001									
4.002		\$							
4.003									
4.004	Source of Supply Expense	966,802	+S1.024						
4.005									
4.006	Water Treatment								
4.007	Existing Plant								
4.008	Chemicals	292,359	+S1.026						
4.009	Other	807,899	+S1.027						
4.010									
4.011	New Plant								
4.012	Chemicals	149,394	+S1.029						
4.013	Other	713,885	+S1.030						
4.014									
4.015	Expanded Plant								
4.016	Chemicals	0	+S1.032						
4.017	Other	0	+S1.033						
4.018									
4.019	Pumping Expense								
4.020	Electric Power	658,811	+S1.035						
4.021	Other-Existing Plant	67,233	+S1.036						
4.022	Other-New Plant	78,150	+S1.037						
4.023	Other-Expanded Plant	0	+S1.038						
4.024	·								
4.025	Variable Expenses								
4.026		658,811	+S4.020						
4.027		292,359	+\$4.008						
4.028	8	149,394	+S4.012						
4.029	Total Variable Expenses	1,100,565	@SUM(S4.026S4.028)						
4.030	'	, ,	<u> </u>						
4.031									
4.032									

4.032 4.033 3-16-2019

locatio Line		Analysis: Prot Fiscal Year E TRUE-UP CA	Ending May	
5.000			FY 2019	
5.001				
5.002			\$	
	Existing Revenue Bonds		0	1 51 049
5.004 5.005	Annual P & I		0	+S1.048
5.005	Allocation - Existing Revenue Bonds	(a)		
5.007	Water Supply & Treatment	66.28%	0	@ROUND(S5.004*S5.007,0)
5.008	Transmission Mains	33.72%	0	<b>e</b>
5.009	Total	100.00%	0	+S5.007+S5.008
5.010				
	New Revenue Bonds			
5.012	Debt Service on Improvements - 1999 Bond	S	0	- 64 040
5.013	Annual P & I		0	+S1.049
.014	Debt Service on Improvements - 2003 Bond Annual P & I	5	309,339	+S1.050
.016	Debt Service on Improvements - 2009 Bond	s	505,555	131.000
.017	Annual P & I	•	194,229	+S1.051
.018	Debt Service on Improvements - 2014 Bond	s		
.019	Annual P & I		222,459	+S1.052
.020	Debt Service on Improvements - 2015 Bond	s		
.021	Annual P & I		212,442	+S1.053
6.022	Debt Service on Cavin Project			
5.023	Annual P & I		1,042,732	+S1.054
0.024	Debt Service on Improvements - 2018 Bond Annual P & I	s	020 170	+S1.055
.025	Alliuai F & I		939,170	+31.000
.020	Allocation - 1999 Improvements	(b)		
.028	Water Supply & Treatment	42.25%	0	@ROUND(S5.013*S5.028,0)
.029	Transmission Mains	57.75%	0	<b>e</b>
.030	Total	100.00%	0	+S5.028+S5.029
.031				
.032	Allocation - 2003 Improvements	(b)		
.033	Water Supply & Treatment	47.74%	147,679	@ROUND(S5.015*S5.033,0)
.034	Transmission Mains	52.26%	161,661	@ROUND(\$5.015*\$5.034,0)
.035	Total	100.00%	309,340	+\$5.033+\$5.034
.036	Allocation - 2009 Improvements	(c)		
5.038	Water Supply & Treatment	58.51%	113,645	@ROUND(S5.017*S5.038,0)
.039	Transmission Mains	4.74%	9,206	@ROUND(S5.017*S5.039,0)
.040	Cavin Plant	13.68%	26,571	@ROUND(S5.017*S5.040,0)
.041	Distribution/General Plant	23.07%	44,809	@ROUND(S5.017*S5.041,0)
.042	Total	100.00%	194,231	+S5.038+S5.039+S5.040+S5.041
.043	AH // 00///	<i>(</i> <b>)</b>		
.044	Allocation - 2014 Improvements	(d)	CO C 40	
.045 .046	Water Supply & Treatment Transmission Mains	27.26%	60,642 59,018	@ROUND(S5.019*S5.045,0) @ROUND(S5.019*S5.046,0)
.040	Cavin Plant	26.53% 11.89%	26,450	@ROUND(\$5.019*\$5.047,0)
.048	Distribution/General Plant	34.32%	76,348	@ROUND(S5.019*S5.048,0)
.049	Total	100.00%	222,458	+\$5.045+\$5.046+\$5.047+\$5.048
.050				
.051	Allocation - 2015 Improvements	(e)		
.052	Water Supply & Treatment	44.00%	93,475	@ROUND(S5.021*S5.052,0)
.053	Cavin Plant	0.00%	0	@ROUND(S5.021*S5.053,0)
.054	Expanded Plant	56.00%	118,968	@ROUND(\$5.021*\$5.054,0)
.055 .056	Total	100.00%	212,443	+\$5.052+\$5.053+\$5.054
.056	Allocation - 2018 Improvements	(f)		
.057	Water Supply & Treatment	6.13%	57,571	@ROUND(S5.025*S5.058,0)
.059	Transmission Mains	2.79%	26,203	@ROUND(S5.025*S5.059,0)
.060	Cavin Plant	0.00%	0	@ROUND(S5.025*S5.060,0)
.061	Expanded Plant	88.93%	835,204	@ROUND(S5.025*S5.061,0)
.062	Distribution/General Plant	2.15%	20,192	@ROUND(S5.025*S5.062,0)
.063	Total	100.00%	939,170	+\$5.058+\$5.059+\$5.060+\$5.061+\$5.062
.064				
	Debt Service Summary		170 010	
.066	Existing Treatment Facility		473,012	+\$5.007+\$5.028+\$5.033+\$5.038+\$5.045+\$5.052+\$
.067 .068	New Treatment Facility Transmission Facilities		1,095,753 256,088	+S5.023+S5.040+S5.047+S5.053+S5.060 +S5.008+S5.029+S5.034+S5.039+S5.046+S5.059
.068	Expanded Treatment Facility		256,088 954,172	+S5.008+S5.029+S5.034+S5.039+S5.046+S5.059 +S5.054+S5.061
	Distribution/General Plant		954,172 141,349	
.070	Distribution/General Plant			
.070	Distribution/General Plant	-	2,920,374	

Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010

Schedule 5

(b) Based on dollars spent on improvements, per Water Construction Fund schedule.
(c) Based on dollars spent on improvements, per Water Construction Fund schedule.
(d) Based on estimated dollars to be spent on improvements, per Water Financial model. 5.073 5.074 5.075

 (e) Based on estimated dollars to be spent on improvements, per Water Financial model.
 (f) Based on estimated dollars to be spent on improvements, per Water Financial model. 5.076

5.077

# Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2019 TRUE-UP CALCULATION

LINC		INCL-OF CALCOLATION	
6.000		FY 2019	
6.001			
6.002		\$	
6.003		1 100 101	. 04 040
	Administrative and General Expenses	1,468,461	+S1.040
6.005			
	Basis of Allocation = Supervised Expenses (b)	4 8 4 4 6 2 4	. 64 004 : 64 000 : 64 004
6.007	Existing Treatment Facility	1,841,934	+S4.004+S4.009+S4.021
6.008	New Teachers at Facility	700.005	. 64 042 : 64 022
6.009	New Treatment Facility	792,035	+S4.013+S4.022
6.010 6.011	Expanded Treatment Facility	0	+S4.017+S4.023
6.011	Expanded Treatment Facility	0	+34.017+34.023
6.012	Transmission System	539,761	+S3.014
6.013	Transmission System	559,701	+33.014
6.014	Distribution System	700,214	+S3.016
6.016	Distribution Oystern	700,214	100.010
6.017	Customer Accounting & Information	760.901	+S1.041
6.018	Subtement Accounting & Information	100,001	01.011
6.019	Total Above	4.634.845	@SUM(S6.007S6.017)
6.020		.,	G( )
	Allocation Of Admin. & Gen. Expense		
6.022	Existing Treatment Facility	583,581	@ROUND(+S6.004*S6.007/S6.019,0)
6.023			
6.024	New Treatment Facility	250,941	@ROUND(+S6.004*S6.009/S6.019,0)
6.025			
6.026	Expanded Treatment Facility	0	@ROUND(+S6.004*S6.011/S6.019,0)
6.027			
6.028	Transmission System	171,013	@ROUND(+S6.004*S6.013/S6.019,0)
6.029			
6.030	Distribution System	221,849	@ROUND(+S6.004*S6.015/S6.019,0)
6.031			
6.032	Customer Accounting & Information	241,077	@ROUND(+S6.004*S6.017/S6.019,0)
6.033			
6.034	Total Above	1,468,461	@SUM(S6.022S6.032)
6.035			
6.036	(b) Excludes expenses which vary with the	quantity of water produced.	

Analysis: Proforma Charges to Wholesale Customers
Fiscal Year Ending May 31, 2019
TRUE-UP CALCULATION

Line	TRUE	-UP CALCULATION	i
7.000		FY 2019	
7.001 7.002		\$	
7.003	Existing Treatment Facility Fixed Costs		
7.004 7.005	Debt Service	473,012	+\$5.066
7.006	O&M Expense	1,841,934	+S4.004+S4.009+S4.02
7.007 7.008	Replacements & Improvements	140,010	+S7.057
7.008	Replacements & improvements	140,010	+37.007
7.010	Admin. & General Expense	583,581	+S6.022
7.011 7.012	Total Existing Treatment Facility Fixed Costs	3,038,537	@SUM(S7.004S7.010
7.013		0,000,001	Geom(er loo mer loro
7.014	New Treatment Facility Fixed Costs		
7.015	New Treatment Facility Fixed Costs		
7.017	Debt Service	1,095,753	+S5.067
7.018 7.019	O&M Expense	792,035	+S4.013+S4.022
7.020		152,000	04.010104.022
7.021	Replacements & Improvements	312,721	+S7.061
7.022 7.023	Admin. & General Expense	250,941	+S6.024
7.024			
7.025 7.026	Total New Treatment Facility Fixed Costs	2,451,449	@SUM(S7.017S7.023)
	Transmission Facility Fixed Costs		
7.028	Debt Service	256,088	+\$5.068
7.029 7.030	O&M Expense	539,761	+S3.014
7.031			
7.032 7.033	Replacements & Improvements	233,374	+S7.065
7.034	Admin. & General Expense	171,013	+S6.028
7.035 7.036		1,200,236	@SUM/S7 029 S7 024
7.030	Total Manshission Facility Fixed Costs	1,200,230	@SUM(S7.028S7.034)
	Expanded Treatment Facility Fixed Costs		
7.039 7.040	Debt Service	954.172	+S5.069
7.041			
7.042 7.043	•	0	+S4.017+S4.023
7.044	Replacements & Improvements	0	+S7.069
7.045		0	. 00.000
7.046 7.047	Admin. & General Expense	0	+S6.026
7.048	Total Expanded Treatment Facility Fixed Costs	954,172	@SUM(S7.040S7.046
7.049	Variable Expenses		
7.051	Total Amount	1,100,565	+S4.029
7.052	Diant Investment on of May 24, 2019		
7.053	Plant Investment as of May 31, 2018: Existing Treatment Facilities		
7.055	Existing/Additions	(a) 9,588,933	1.25% 119,862
7.056 7.057	Cavin Project Improvements	(a) <u>1,611,825</u> 11,200,758	1.25% <u>20,148</u> 140,010
7.058	New Treatment Facilities	11,200,700	110,010
7.059	Additions	(a) 1,800,161	1.25% 22,502
7.060 7.061	Cavin Project Improvements	(a) 23,217,545 25,017,706	1.25% <u>290,219</u> 312,721
7.062	Transmission Facilities		
7.063 7.064	Existing/Additions Cavin Project Improvements	(a) 16,214,463 (a) 2,455,475	1.25% 202,681 1.25% 30,693
7.065		(a) <u>2,455,475</u> 18,669,938	233,374
7.066	Expanded Treatment Facilities		
7.067 7.068	Additions Cavin Project Improvements	(a) 0 (a) 0	1.25%   0 1.25% <u>    0</u>
7.069	,	0	0
7.070 7.071	(a) Contributions to R&R Fund for FY 2017 were 1.25%	% of Plant Invoctors	at
7.071	excluding land. Distribution Plant and General Plan		
7.073	Water District cost allocations.		

Schedule 8 Exhibit H for FY 2019 Development of Charges to Districts

Line

# 3-16-2019

# Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2019 TRUE-UP CALCULATION

Line		TRUE-UP C	ALCULATION				
8.000			Whol	esale Custor	ners		
8.001		Total					
8.002		System	Southeast	West	East		
8.003		Costs	Daviess	Daviess	Daviess	Subtotal	
8.004							
8.005	Existing Treatment Facility						
8.006 8.007	Total Costs	\$3,038,537	+87.012				
8.007		\$3,030,537	+37.012				
8.009	District Responsibility						
8.010	Percent		13.56%	9.65%	4.09%	27 30%	+S2.019
8.011	Amount		\$412,026	\$293,219	\$124,276	\$829,521	@ROUND(S8.007*S8.010,0)
8.012	,		¢ <u>2</u> ,020	¢200,210	¢.2.,2.0	<i><b>Q</b>020,02.</i>	(@.100112(001001 001010;0)
8.013							
	New Treatment Facility						
8.015	Total Costs	\$2,451,449	+S7.025				
8.016							
8.017	District Responsibility						
8.018	Percent		12.75%	8.25%	5.03%	26.03%	+S2.056
8.019	Amount		\$312,560	\$202,245	\$123,308	\$638,113	@ROUND(S8.015*S8.018,0)
8.020							
8.021							
	Transmission Facilities						
8.023	Total Costs	\$1,200,236	+S7.036				
8.024							
8.025	District Responsibility		47.000/	44.049/	7 540/	00 50%	. 00.000
8.026	Percent		17.08% \$205,000	11.94%	7.51%		+S2.028
8.027	Amount		\$205,000	\$143,308	\$90,138	\$438,446	@ROUND(S8.023*S8.026,0)
8.028 8.029							
	Expanded Treatment Facility						
8.031	Total Costs	\$954,172	+S7.048				
8.032		¢001,112	01.010				
8.033	District Responsibility						
8.034	Percent		15.61%	10.94%	7.07%	33.62%	+S2.085
8.035	Amount		\$148,946	\$104,386	\$67,460	\$320,792	@ROUND(S8.031*S8.034,0)
8.036							
8.037							
	Variable Expenses						
8.039	Total Costs	\$1,100,565	+S7.051				
8.040							
8.041	District Responsibility		15 0 101	10.100/		00.070/	00.000
8.042	Percent		15.61%	10.42%	6.94%		+S2.009
8.043	Amount		\$171,798	\$114,679	\$76,379	\$362,856	@ROUND(S8.039*S8.042,0)
8.044			SEDC	WDC	EDC		
8.045	Total Prior Year True-Up Adjustment		SEDC \$0	\$0	EDC \$0	\$0	
8.040			\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
8.048	True-Up Adjustment This Period		\$0	\$0	\$0	\$0	
8.049			ψ <b>υ</b>	ψu	ψũ	ψu	
	Total Charges to Districts for FY 2019		\$1,250,330	\$857,837	\$481.561	\$2,589,728	+\$8.011+\$8.019+\$8.027+\$8.035+\$8.043+\$8.048
8.051	5		• • • • • • • •				
8.052							
8.053	Effective Unit Charge		SEDC	WDC	EDC		
8.054	Existing Treatment Facility		\$0.621	\$0.660	\$0.421	\$0.592	@ROUND(+S8.011/(1000*S9.008),3)
8.055	New Treatment Facility		\$0.471	\$0.456	\$0.418	\$0.455	@ROUND(+S8.019/(1000*S9.008),3)
8.056	Transmission Facilities		\$0.309	\$0.323	\$0.306	\$0.313	@ROUND(+S8.027/(1000*S9.008),3)
8.057	Expanded Treatment Facility		\$0.225	\$0.235	\$0.229	\$0.229	@ROUND(+S8.035/(1000*S9.008),3)
8.058	Variable Expenses		\$0.259	\$0.258	\$0.259	\$0.259	@ROUND(+S8.043/(1000*S9.008),3)
8.059	Prior Year Trueup		\$0.000	\$0.000	\$0.000	\$0.000	@ROUND(+S8.048/(1000*S9.008),3)
8.060							
8.061	w/ true up		\$1.886	\$1.932	\$1.632	\$1.847	@SUM(S8.054S8.059)
8.062	w/o true up		\$1.886	\$1.932	\$1.632		

# Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010

# Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2019 TRUE-UP CALCULATION

9.000       Wholesale Customers         9.001       Wholesale Customers         9.002       Southeast Daviess       Daviess       Subtotal         9.003       Current Rates (per 1000 gallons) - effective 6-1-19       Southeast Daviess       Subtotal         9.004       Current Rates (per 1000 gallons) - effective 6-1-19       Southeast Daviess       Subtotal         9.005       Subtotal         9.006       Sales, FY 1991       Mil. gal       521       338       151       1,010       + 51.010 through \$1.012         9.006       Sales, FY 1991       Mil. gal       663       444       295       1,402       @ROUND(S9.006*S9.007.0)         9.007       Growth Factor       \$1.1250,330       \$857,837       \$481,561       \$2,589,728       +S8.050         9.011       Total FY 2019 Charges       \$1.886       \$1.932       \$1.632       \$1.847       @ROUND(+S9.007.0)         9.011       Sates fifective June 1, 2019 <th colspan<="" th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th>	<th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
9.002       Southeast Daviess       West Daviess       East Daviess         9.004	9.000			Who	lesale Custon	ners			
9.003       Daviess       Daviess       Daviess       Subtotal         9.004									
9.004									
9.005       Sales, FY 1991       Mil. gal       521       338       151       1.010       +S10.027         9.007       Growth Factor       1.273       1.310       1.955       S1.010 through S1.012         9.008       Sales, FY 2019       Mil. gal       663       444       295       1,402       @ROUND(S9.006*S9.007,0)         9.009       7       Total FY 2019 Charges       \$1,250,330       \$857,837       \$481,561       \$2,589,728       +S8.050         9.011       9.012       Effective unit cost (per 1000 gallons)       \$1.886       \$1.932       \$1.632       \$1.847       @ROUND(+S9.010/(1000*S9.008),3)         9.013       9.014       Rate Floor - set in first fiscal year of       \$1.886       \$1.932       \$1.632       \$1.847       @ROUND(+S9.010/(1000*S9.008),3)         9.016       9.016       \$1.846       \$1.932       \$1.632       \$1.847       @MAX(+S9.012,+S9.015)         9.016       9.017       WATER RATES effective June 1, 2019       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+S9.012,+S9.015)         9.018       9.019       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484       \$1.847       @MAX(+S9.012,+S9.015)         9.021       9.022       Increase (Decrease) </td <td></td> <td></td> <td></td> <td>Daviess</td> <td>Daviess</td> <td>Daviess</td> <td>Subtotal</td> <td></td>				Daviess	Daviess	Daviess	Subtotal		
9.006       Sales, FY 1991       Mil. gal       521       338       151       1,010       +\$10.027         9.007       Growth Factor       1.273       1.310       1.955       \$1.010 through \$1.012         9.008       Sales, FY 2019       Mil. gal       663       444       295       1,402       @ROUND(\$9.006*\$9.007,0)         9.009       Total FY 2019 Charges       \$1,250,330       \$857,837       \$481,561       \$2,589,728       +\$8.050         9.011       Total FY 2019 Charges       \$1,250,330       \$857,837       \$41.632       \$1.847       @ROUND(+\$9.010/(1000*\$9.008),3)         9.011       Botto cost (per 1000 gallons)       \$1.886       \$1.932       \$1.632       \$1.847       @ROUND(+\$9.010/(1000*\$9.008),3)         9.013       Rate Floor - set in first fiscal year of       \$1.148       \$1.148       \$1.148       \$1.148       \$1.632       \$1.847       @MAX(+\$9.012,+\$9.015)         9.016       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+\$9.012,+\$9.015)         9.016       \$0.016       \$0.738       \$0.719       \$0.484       \$1.847       @MAX(+\$9.012,+\$9.015)         9.014       \$0.22       Current Rates (per 1000 gallons) - effective 6-1-19       \$1.890       \$2.270       \$1.630       \$0.002 </td <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>			-						
9.007       Growth Factor       1.273       1.310       1.955       \$1.010 through \$1.012         9.008       Sales, FY 2019       Mil. gal       663       444       295       1,402       @ROUND(\$9.006*\$9.007,0)         9.009       Total FY 2019 Charges       \$1,250,330       \$857,837       \$481,561       \$2,589,728       +S8.050         9.011       Total FY 2019 Charges       \$1,250,330       \$857,837       \$481,561       \$2,589,728       +S8.050         9.012       Effective unit cost (per 1000 gallons)       \$1.886       \$1.932       \$1.632       \$1.847       @ROUND(+\$9.010/(1000*\$9.008),3)         9.013       operation of New Treatment Facility       \$1.148       \$1.213       \$1.148       \$1.169       (Per Contracts)         9.017       WATER RATES effective June 1, 2019       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+\$9.012,+\$9.015)         9.018         \$1.986       \$1.932       \$1.632       \$1.847       @MAX(+\$9.012,+\$9.015)         9.018          \$0.719       \$0.484       \$1.632       \$1.630         9.021        Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484       \$0.020         9.021									
9.008         Sales, FY 2019         Mil. gal         663         444         295         1,402         @ROUND(\$9.006*\$9.007,0)           9.009         Total FY 2019 Charges         \$1,250,330         \$857,837         \$481,561         \$2,589,728         +\$8.050           9.011         Total FY 2019 Charges         \$1,250,330         \$857,837         \$481,561         \$2,589,728         +\$8.050           9.011         Effective unit cost (per 1000 gallons)         \$1.886         \$1.932         \$1.632         \$1.847         @ROUND(+\$9.010/(1000*\$9.008),3)           9.013         operation of New Treatment Facility         \$1.148         \$1.213         \$1.148         \$1.169         (Per Contracts)           9.015         operation of New Treatment Facility         \$1.148         \$1.932         \$1.632         \$1.847         @MAX(+\$9.012,+\$9.015)           9.016         WATER RATES effective June 1, 2019         \$1.886         \$1.932         \$1.632         \$1.847         @MAX(+\$9.012,+\$9.015)           9.018         Effective Rate Over (Under) Floor         \$0.738         \$0.719         \$0.484         \$1.847         @MAX(+\$9.012,+\$9.015)           9.021         Effective Rate Over (Under) Floor         \$0.738         \$0.019         \$1.630         \$1.630           9.021         In			/lil. gal				1,010		
9.009       9.010       Total FY 2019 Charges       \$1,250,330       \$857,837       \$481,561       \$2,589,728       +S8.050         9.011       9.012       Effective unit cost (per 1000 gallons)       \$1.886       \$1.932       \$1.632       \$1.847       @ROUND(+S9.010/(1000*S9.008),3)         9.013       9.014       Rate Floor - set in first fiscal year of       9.015       operation of New Treatment Facility       \$1.148       \$1.213       \$1.148       \$1.169       (Per Contracts)         9.016       9.017       WATER RATES effective June 1, 2019       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+S9.012,+S9.015)         9.018       9.019       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484       \$0.2270       \$1.630         9.021       9.022       Current Rates (per 1000 gallons) - effective 6-1-19       \$1.890       \$2.270       \$1.630         9.023       Increase (Decrease)       (\$0.004)       (\$0.338)       \$0.002       \$0.022									
9.010       Total FY 2019 Charges       \$1,250,330       \$857,837       \$481,561       \$2,589,728       +\$8.050         9.011       9.012       Effective unit cost (per 1000 gallons)       \$1.886       \$1.932       \$1.632       \$1.847       @ROUND(+\$9.010/(1000*\$9.008),3)         9.013       9.014       Rate Floor - set in first fiscal year of       \$1.148       \$1.213       \$1.148       \$1.169       (Per Contracts)         9.016       operation of New Treatment Facility       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+\$9.012,+\$9.015)         9.016       varter RATES effective June 1, 2019       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+\$9.012,+\$9.015)         9.017       WATER RATES effective June 1, 2019       \$0.738       \$0.719       \$0.484       \$1.847       @MAX(+\$9.012,+\$9.015)         9.019       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484       \$1.630       \$0.2270       \$1.630         9.021       Jucrease (Decrease)       (\$0.004)       (\$0.338)       \$0.002       \$0.002       \$0.002		Sales, FY 2019 N	/lil. gal	663	444	295	1,402	@ROUND(S9.006*S9.007,0)	
9.011       9.012       Effective unit cost (per 1000 gallons)       \$1.886       \$1.932       \$1.632       \$1.847       @ROUND(+\$9.010/(1000*\$9.008),3)         9.013       9.013       9.013       9.014       Rate Floor - set in first fiscal year of       9.015       operation of New Treatment Facility       \$1.148       \$1.213       \$1.148       \$1.169       (Per Contracts)         9.017       WATER RATES effective June 1, 2019       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+\$9.012,+\$9.015)         9.018       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484       \$0.209       \$0.214         9.021       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484       \$0.2270       \$1.630         9.022       Current Rates (per 1000 gallons) - effective 6-1-19       \$1.890       \$2.270       \$1.630         9.023       Increase (Decrease)       (\$0.004)       (\$0.338)       \$0.002									
9.012       Effective unit cost (per 1000 gallons)       \$1.886       \$1.932       \$1.632       \$1.847       @ROUND(+S9.010/(1000*S9.008),3)         9.013       9.013       Rate Floor - set in first fiscal year of       9.015       operation of New Treatment Facility       \$1.148       \$1.213       \$1.148       \$1.169       (Per Contracts)         9.017       WATER RATES effective June 1, 2019       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+S9.012,+S9.015)         9.018        Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484       \$1.632       \$1.632       \$1.632         9.019       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484       \$1.902       \$0.2270       \$1.630         9.021       9.022       Current Rates (per 1000 gallons) - effective 6-1-19       \$1.890       \$2.270       \$1.630       \$0.002         9.023       Increase (Decrease)       (\$0.004)       (\$0.338)       \$0.002       \$0.002		Total FY 2019 Charges		\$1,250,330	\$857,837	\$481,561	\$2,589,728	+\$8.050	
9.013	9.011								
9.014       Rate Floor - set in first fiscal year of         9.015       operation of New Treatment Facility       \$1.148       \$1.213       \$1.148       \$1.169       (Per Contracts)         9.016       WATER RATES effective June 1, 2019       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+\$9.012,+\$9.015)         9.017       WATER RATES effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484       \$1.902       \$1.847       @MAX(+\$9.012,+\$9.015)         9.020       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484       \$1.630       \$1.902       \$1.630         9.021       Increase (Decrease)       \$1.890       \$2.270       \$1.630       \$1.630		Effective unit cost (per 1000 gallons)		\$1.886	\$1.932	\$1.632	\$1.847	@ROUND(+S9.010/(1000*S9.008),3)	
9.015       operation of New Treatment Facility       \$1.148       \$1.213       \$1.148       \$1.169       (Per Contracts)         9.016       9.017       WATER RATES effective June 1, 2019       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+\$9.012,+\$9.015)         9.018       9.019       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484         9.020       9.021       9.022       Current Rates (per 1000 gallons) - effective 6-1-19       \$1.890       \$2.270       \$1.630         9.023       Increase (Decrease)       (\$0.004)       (\$0.338)       \$0.002	9.013								
9.016       9.017       WATER RATES effective June 1, 2019       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+\$9.012,+\$9.015)         9.018       9.019       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484         9.020       9.021       9.022       Current Rates (per 1000 gallons) - effective 6-1-19       \$1.890       \$2.270       \$1.630         9.023       Increase (Decrease)       (\$0.004)       (\$0.338)       \$0.002									
9.017       WATER RATES effective June 1, 2019       \$1.886       \$1.932       \$1.632       \$1.847       @MAX(+\$9.012,+\$9.015)         9.018       9.019       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484         9.020       9.021       9.022       Current Rates (per 1000 gallons) - effective 6-1-19       \$1.890       \$2.270       \$1.630         9.023       Increase (Decrease)       (\$0.004)       (\$0.338)       \$0.002	9.015	operation of New Treatment Facility		\$1.148	\$1.213	\$1.148	\$1.169	(Per Contracts)	
9.018       9.019       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484         9.020       9.021       9.022       Current Rates (per 1000 gallons) - effective 6-1-19       \$1.890       \$2.270       \$1.630         9.023       Increase (Decrease)       (\$0.004)       (\$0.338)       \$0.002	9.016								
9.019       Effective Rate Over (Under) Floor       \$0.738       \$0.719       \$0.484         9.020       9.021       9.022       Current Rates (per 1000 gallons) - effective 6-1-19       \$1.890       \$2.270       \$1.630         9.023       Increase (Decrease)       (\$0.004)       (\$0.338)       \$0.002	9.017	WATER RATES effective June 1, 2019		\$1.886	\$1.932	\$1.632	\$1.847	@MAX(+S9.012,+S9.015)	
9.020         9.021           9.022         Current Rates (per 1000 gallons) - effective 6-1-19         \$1.890         \$2.270         \$1.630           9.023         Increase (Decrease)         (\$0.004)         (\$0.338)         \$0.002	9.018								
9.021         9.022         Current Rates (per 1000 gallons) - effective 6-1-19         \$1.890         \$2.270         \$1.630           9.023         Increase (Decrease)         (\$0.004)         (\$0.338)         \$0.002	9.019	Effective Rate Over (L	Jnder) Floor	\$0.738	\$0.719	\$0.484			
9.022         Current Rates (per 1000 gallons) - effective 6-1-19         \$1.890         \$2.270         \$1.630           9.023         Increase (Decrease)         (\$0.004)         (\$0.338)         \$0.002	9.020								
9.023 Increase (Decrease) (\$0.004) (\$0.338) \$0.002	9.021								
	9.022	Current Rates (per 1000 gallons) - effective	e 6-1-19	\$1.890	\$2.270	\$1.630			
9.024 Percent Increase (Decrease) -0.2% -14.9% 0.1%	9.023	Increase (Decrease)		(\$0.004)	(\$0.338)	\$0.002			
	9.024	Percent Increase (Decrease)		-0.2%	-14.9%	0.1%			

#### Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2019 TRUE-UP CALCULATION

Line		Fiscal Year Ending May 31, 2019 TRUE-UP CALCULATION							
10.000		Wholesale Customers					0.411	<b>.</b>	
10.001 10.002			Southeast	West	East		OMU Retail	Total OMU	
10.002		Units	Daviess	Daviess	Daviess	Subtotal	Customers	System	
10.004								,	
	Data for Base Year FY 1989								
10.006 10.007	Average of 5 Maximum Day Domanda			(0					
10.007	Average of 5 Maximum Day Demands Amount (a)	mgd	2.330	(c 1.900	,) 0.582	4.812			
10.009	Allowance for Transmission Losses	inga	2%	2%	2%				
10.010	Amount Adjusted for Losses	mgd	2.378	1.939	0.594	4.911			
10.011									
10.012	For Information Only	N 411 - E	07.00	45.00	04.00	(-)			
10.013 10.014	Annual sales Annual sales	Mil cf Mil. gal.	67.08 502	45.89 343	21.02 157	(a) @ROUND(7	7.48*S10.013,0)		
10.014	Average Day	mgd	1.38	0.94	0.43	+S10.014/36			
10.016	Ratio Max to Average Day	0	1.69	2.02	1.35	+S10.008/S			
10.017									
10.018	August of Contact Constitution days down down							47.00	(-)
10.019 10.020	Average of System 5 maximum day demar Allowance for filter wash water	las					mgd	17.90 2%	(a)
10.020	Adj. System 5 Maximum Day Demands (Ba	ase vear plant u	sade)				mgd	17.54	@ROUND(+S10.019*(1-S10.020),2)
10.022		, ,	5 /				5		
10.023									
10.024	Input data far EV 1001 (a)								
10.025	Input data for FY 1991 (a) Annual Sales	Million cf		(b	))	135.0	399.2	534.2	
10.027	Annual Sales	Mil. gal.	521	338	,, 151	1,010	2,986	3,996	
10.028		Ū		(c	;)				
10.029	Average of 5 Maximum Day Demands	mgd	1.95	1.35	0.60	@ROUND(S	S10.033*S10.02	7/365,3)	
10.030	For lafe meeting Order								
10.031 10.032	For Information Only Average Day	mgd	1.427	0.926	0.414	+S10.027/36	65		
10.032	Ratio Max to Average Day	iliga	1.37	1.46	1.45	+S10.029/S		1.41	<< Ave SE & W
10.034	5 ,								
10.035	Allowance for Transmission Losses		2%	2%	2%	Estimated			
10.036	Data Adjusted for Water Lassas								
	Data Adjusted for Water Losses District Data:								
10.039	Annual Water Sales	Mil. gal.	532	345	154	@ROUND(+	+S10.027/(1-S10	0.035),0)	
10.040	Average of 5 Maximum Day Demands	mgd	1.990	1.378	0.612	@ROUND(+	+S10.029/(1-S10	0.035),3)	
10.041									
10.042 10.043	Total System Data: Average of 5 Maximum Day Demands						mgd	17.26	(a)
10.043	Filter wash water						mgd	0.35	(a) @ROUND(0.02*S10.043,2)
10.045	Adj. 5 Max. Day Demands						mgd	16.91	+S10.043-S10.044
10.046									
10.047	<b>T</b> ( ) ( ) ( ) ( )					( )			
10.048 10.049	Total treated water Filter wash water						Mil. gal. Mil. gal.	4,944 98	@ROUND(660.9*7.48,0) @ROUND(13.1*7.48,0)
10.040	Treated water delivered to trans. system						Mil. gal.	4,846	+\$10.048-\$10.049
10.051							0		
10.052									
10.053	(a) Source: OML staff to building dated 9.1	0.01	,	(b) Total whole		authagat Davi	and West D		
10.054 10.055	(a) Source: OMU staff tabulation dated 8-1 May, 1991 Financial Statement	9-91		(c) Amount per			ess and West D	aviess.	
10.056	May, 10011 Inanolal Otacomont		,	ratios of the					
10.057									
	(d) East Daviess est 5 day max day demand		04.00			• • • • • •			
10.059	FY 1989 Annual Sales FY 1989 Annual Sales	Million cf	21.02	<< OMU mon			6		
10.060 10.061	Average day demand	Mil. gal. mgd	157.2 0.431	@ROUND(S1 @ROUND(S1					
10.062	Estimated Max day ratio		1.35	S. (20, 10, 0)	,	-,			
10.063	Est. East Daviess 5 day max day demand	(mgd)	0.582	@ROUND(S1	10.061*S10	.062,3)			
10.064									
10.065 10.066									
10.066									

10.067