



March 21, 2023

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 prepared the required rate calculations for fiscal year 2023-2024, as per the terms of our contract. A copy of these calculations is enclosed, as well as a copy of the fiscal year 2021-2022 true-up calculations.

Based on these calculations, the rate charged to the East Daviess County Water Association will increase to a rate of \$3.15 per thousand gallons for the fiscal year beginning June 1, 2023.

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,

A handwritten signature in blue ink that reads "Tim Lyons".

Tim Lyons  
General Manager

Cc: Kentucky Public Service Commission  
L. Chapman, R. Evans, L. Holland, A. McLimore

Enclosures

## NOTICE

Owensboro Municipal Utilities (“OMU”) is providing notice that on March 22, 2023, it filed with the Public Service Commission to increase the wholesale rate it charges East Daviess County Water Association effective for water service rendered on and after June 1, 2023. The proposed rates are as follows:

	<u>Current Rate</u>	<u>New Rate</u>	<u>\$ Change</u>	<u>% Change</u>
East Daviess County WA	\$2.640 per 1,000 gallons	\$3.150 per 1,000 gallons	\$0.51 Increase	19.3% Increase

This filing may be examined at the offices of OMU located at 2070 Tamarack Road in Owensboro, Kentucky; telephone 270-926-3200.

This filing may also be examined at the offices of the Public Service Commission located at 211 Sower Boulevard in Frankfort, Kentucky, Monday – Friday from 8:00 am – 4:30 pm or on the PSC website at <http://psc.ky.gov>.

Comments regarding this filing may be submitted by mail to the Public Service Commission, Post Office Box 615, Frankfort KY 40602; or through its website at <http://psc.ky.gov>.

The new rates are the rates proposed by OMU in its filing but the Public Service Commission may order rates that differ from the proposed rates.

Intervention may be requested by submitting a timely written request for intervention by mail to the Public Service Commission, Post Office Box 615, Frankfort, KY 40602. The request for intervention must establish the grounds for the request including the status and interest of the party.

If the Public Service Commission does not receive a written request for intervention within thirty (30) days of the providing of this notice, the Public Service Commission may take final action on the filing.

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2022**  
**TRUE-UP CALCULATION**

Line			FY 1991 Amount	FY 1991 Reference	Inflation Factor	Growth Factor	Calculated Growth Factor	FY 2022 Amount
1.000								
1.001								
1.002								
1.003								
1.004							31	
1.005	<u>Water System Demands and Usage</u>						Years	
1.006								
1.007	System Annual Quantity	Mil. Gal.	4,846	+\$10.050	0%	-0.57%	0.837	4,057
1.008								
1.009	District Annual Quantity							
1.010	Southeast Daviess	Mil. Gal.	532	+\$10.039	0%	1.07%	1.393	741
1.011	West Daviess	Mil. Gal.	345	+\$10.039	0%	0.68%	1.235	426
1.012	East Daviess	Mil. Gal.	154	+\$10.039	0%	2.45%	2.117	326
1.013								
1.014	Maximum Day Quantity							
1.015	Southeast Daviess	mgd	1.990	+\$10.040	0%	1.24%	1.465	2.916
1.016	West Daviess	mgd	1.378	+\$10.040	0%	0.58%	1.198	1.651
1.017	East Daviess	mgd	0.612	+\$10.040	0%	2.09%	1.900	1.163
1.018								
1.019	System Maximum Day Quantity	mgd	16.91	+\$10.045	0%	-0.50%	0.856	14.48
1.020								
1.021	<u>Operation and Maintenance Expense</u>							
1.022								
1.023	Transmission and Dist. Expense	\$	269,521	(a)	5.77%	0%	5.693	1,534,251
1.024	Source of Supply Expense	\$	121,068	(a)	7.49%	0%	9.380	1,135,650
1.025	Existing Treatment Plant Expense							
1.026	Chemicals	\$	198,132	(a)	-7.95%	-0.57%	0.063	12,536
1.027	Other	\$	405,493	(a)	-0.18%	0%	0.944	382,928
1.028	New Treatment Plant Expense							
1.029	Chemicals	\$	0		n/a	n/a	n/a	78,148
1.030	Other	\$	0		n/a	n/a	n/a	1,054,850
1.031	Expanded Treatment Plant Expense							
1.032	Chemicals	\$	0		n/a	n/a	n/a	440,191
1.033	Other	\$	0		n/a	n/a	n/a	1,025,743
1.034	Pumping Expense							
1.035	Electric Power	\$	240,191	(a)	3.42%	-0.57%	2.392	574,642
1.036	Other-Existing Plant	\$	8,840	(a)	1.78%	0%	1.729	15,280
1.037	Other-New Plant	\$	0		n/a	n/a	n/a	47,771
1.038	Other-Expanded Plant	\$	0		n/a	n/a	n/a	79,021
1.039								
1.040	Administrative Expenses	\$	689,980	(a)	2.45%	0%	2.115	1,459,541
1.041	Customer Accounting & Information	\$	176,825	(a)	4.22%	0%	3.605	637,412
1.042								
1.043	(a) FY 1991 financial statements.		<u>2,110,050</u>					<u>8,477,964</u>
1.044								
1.045								
1.046	<u>Debt Service Payments</u>							
1.047								
1.048	Existing Plant	\$	487,100					0
1.049	1999 Improvements	\$	0					0
1.050	2003 Improvements	\$	0					310,630
1.051	2009 Improvements	\$	0					408,637
1.052	2014 Improvements	\$	0					238,678
1.053	2015 Improvements	\$	0					221,161
1.054	Cavin Plant	\$	0					831,852
1.055	2018 Improvements	\$	0					2,513,368
1.056			<u>487,100</u>					<u>4,524,327</u>
1.057								
1.058								

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2022**  
**TRUE-UP CALCULATION**

Line		Units	Wholesale Customers			Subtotal	OMU Retail Customers	Total OMU System
			Southeast Daviess	West Daviess	East Daviess			
2.000								
2.001								
2.002								
2.003								
2.004								
2.005								
2.006	FY 2022 System Annual Quantity	Mil. gal.					2,564	
2.007	FY 2022 District Annual Quantity	Mil. gal.	741	426	326	1,493	4,057	
2.008							+S1.010, +S1.011, +S1.012	
2.009	District Responsibility for Variable Expenses		18.26%	10.50%	8.04%	36.80%	@ROUND(+S2.007/S2.006,4)	
2.010								
2.011								
2.012	<u>District Responsibility for Fixed Costs of Existing Facilities</u>							
2.013								
2.014	FY 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911	+S10.010	
2.015	FY 1989 Plant Usage (Base)	mgd					17.54	
2.016	After June 1, 2018?	Yes					+S10.021	
2.017	Percentages after June 1, 2018		13.56%	9.65%	4.09%	27.30%		
2.018	District Responsibility for Fixed Costs of Existing Facilities							
2.019	Percent		13.56%	9.65%	4.09%	27.30%	@IF(S2.016=No,ROUND(+S2.014/S2.015,4),ROUND(+S2.018,4))	
2.020								
2.021								
2.022	<u>District Responsibility for Fixed Costs of Existing Transmission Facilities</u>							
2.023								
2.024	FY 2022 District Maximum Day Quantity		2.916	1.651	1.163	5.730	+S1.015, +S1.016, +S1.017	
2.025	FY 2022 System Maximum Day Quantity						14.48	
2.026							+S1.019	
2.027	District Responsibility for Fixed Costs of Existing Transmission Facilities							
2.028	Percent		20.14%	11.40%	8.03%	39.57%	@ROUND(+S2.024/S2.025,4)	
2.029								
2.030								
2.031	<u>District Responsibility for Fixed Costs of New Facilities</u>							
2.032								
2.033	FY 2022 System Maximum Day Quantity	mgd					14.48	
2.034	less Base Year Plant Usage	mgd					17.54	
2.035							Contract	
2.036	New Plant Capacity	mgd					10.00	
2.037	FY 2022 New Plant Usage	mgd					(3.06)	
2.038	FY 2022 New Plant Usage	mgd	(but not less than zero)				0.00	
2.039	FY 2022 Reserve Capacity	mgd					10.00	
2.040							+S2.033-S2.034	
2.041	FY 2022 Maximum Day Quantity	mgd	2.916	1.651	1.163	5.730	+S2.024	
2.042	FY 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911	+S10.010	
2.043	District Growth Quantity	mgd	0.538	(0.288)	0.569		+S2.041-S2.042	
2.044	But not less than zero	mgd	0.538	0.000	0.569		@IF(S2.043<0,0,+S2.043)	
2.045								
2.046	District Growth Ratio		1.000	0.000	1.000		@IF(S2.038=0,@IF(S2.044=0,0,1),S2.044/S2.038)	
2.047								
2.048	Ratio District Growth Quantity / New Plant Capacity							
2.049								
2.050	Factor	percent	5.38%	0.00%	5.69%		@ROUND(S2.044/S2.036,4)	
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 New Facilities							
2.056	Percent		12.75%	8.25%	5.69%	26.69%	@MAX(S2.050,S2.053)	
2.057	(a) Per Contracts.							
2.058								
2.059								
2.060	<u>District Responsibility for Fixed Costs of Expanded Facilities</u>							
2.061								
2.062	FY 2022 System Maximum Day Quantity	mgd					14.48	
2.063	less Base Year Plant Usage	mgd					17.54	
2.064							Contract	
2.065	New Plant Capacity	mgd					10.00	
2.066	FY 2022 Expanded Plant Usage	mgd					(3.06)	
2.067	FY 2022 Expanded Plant Usage	mgd	(but not less than zero)				0.00	
2.068	FY 2022 Reserve Capacity	mgd					10.00	
2.069							+S2.062-S2.063	
2.070	FY 2022 Maximum Day Quantity	mgd	2.916	1.651	1.163	5.730	+S2.024	
2.071	FY 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911	+S10.010	
2.072	District Growth Quantity	mgd	0.538	(0.288)	0.569		+S2.070-S2.071	
2.073	But not less than zero	mgd	0.538	0.000	0.569		@IF(S2.072<0,0,+S2.072)	
2.074								
2.075	District Growth Ratio		1.000	0.000	1.000		@IF(S2.067=0,@IF(S2.073=0,0,1),S2.073/S2.067)	
2.076								
2.077	Ratio District Growth Quantity / Expanded Plant Capacity							
2.078								
2.079	Factor	percent	5.38%	0.00%	5.69%		@ROUND(S2.073/S2.065,4)	
2.080								
2.081								
2.082	Minimum District Responsibility	percent	15.61%	10.94%	7.07%	33.62%	(a)	
2.083								
2.084	District Responsibility for Fixed Costs of Expanded Facilities							
2.085	Percent		15.61%	10.94%	7.07%	33.62%	@MAX(S2.079,S2.082)	
2.086	(a) Per Contracts.							

Rate Calculation.xls

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2022**  
**TRUE-UP CALCULATION**

Line				
3.000				
3.001				
3.002	FY 2022 Annual Transmission & Distribution Expense	\$1,534,251	+S1.023	(a)
3.003				
3.004	Beginning of year inch-feet of transmission and distribution system			
3.005				
3.006	Distribution mains (less than 8 inch)	6,943,944		
3.007				
3.008	Transmission mains ( 8 inch & over)	5,331,132		
3.009				
3.010	Total	12,275,076		
3.011				
3.012	Transmission portion	43.43%		
3.013				
3.014	Calculated Transmission O&M Expense	\$666,325	@ROUND(S3.002*S3.012,0)	
3.015				
3.016	Net Distribution O&M Expense	\$867,926	+S3.002-S3.014	
3.017				
3.018				
3.019				
3.020				
3.021	(a) Total water trans. & dist. expense less maintenance of services,			
3.022	meters, hydrants and misc. plant.			
3.023				

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2022**  
**TRUE-UP CALCULATION**

Line		FY 2022	
<hr/>			
4.000			
4.001			
4.002		\$	
4.003			
4.004	Source of Supply Expense	1,135,650	+S1.024
4.005			
4.006	Water Treatment		
4.007	Existing Plant		
4.008	Chemicals	12,536	+S1.026
4.009	Other	382,928	+S1.027
4.010			
4.011	New Plant		
4.012	Chemicals	78,148	+S1.029
4.013	Other	1,054,850	+S1.030
4.014			
4.015	Expanded Plant		
4.016	Chemicals	440,191	+S1.032
4.017	Other	1,025,743	+S1.033
4.018			
4.019	Pumping Expense		
4.020	Electric Power	574,642	+S1.035
4.021	Other-Existing Plant	15,280	+S1.036
4.022	Other-New Plant	47,771	+S1.037
4.023	Other-Expanded Plant	79,021	+S1.038
4.024			
4.025	Variable Expenses		
4.026	Electric Power	574,642	+S4.020
4.027	Chemicals-Existing Plant	12,536	+S4.008
4.028	Chemicals-New and Expanded Plant	518,339	+S4.012+S4.016
4.029	Total Variable Expenses	1,105,517	@SUM(S4.026..S4.028)
4.030			
4.031			
4.032			
4.033			

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2022**  
**TRUE-UP CALCULATION**

Line			FY 2022	
5.000				
5.001				
5.002				\$
5.003	Existing Revenue Bonds			
5.004	Annual P & I		0	+\$1,048
5.005				
5.006	Allocation - Existing Revenue Bonds	(a)		
5.007	Water Supply & Treatment	66.28%	0	@ROUND(\$5.004*\$5.007,0)
5.008	Transmission Mains	33.72%	0	@ROUND(\$5.004*\$5.008,0)
5.009	Total	100.00%	0	+\$5.007+\$5.008
5.010				
5.011	New Revenue Bonds			
5.012	Debt Service on Improvements - 1999 Bonds			
5.013	Annual P & I		0	+\$1,049
5.014	Debt Service on Improvements - 2003 Bonds			
5.015	Annual P & I		310,630	+\$1,050
5.016	Debt Service on Improvements - 2009 Bonds			
5.017	Annual P & I		408,637	+\$1,051
5.018	Debt Service on Improvements - 2014 Bonds			
5.019	Annual P & I		238,678	+\$1,052
5.020	Debt Service on Improvements - 2015 Bonds			
5.021	Annual P & I		221,161	+\$1,053
5.022	Debt Service on Cavin Project			
5.023	Annual P & I		831,852	+\$1,054
5.024	Debt Service on Improvements - 2018 Bonds			
5.025	Annual P & I		2,513,368	+\$1,055
5.026				
5.027	Allocation - 1999 Improvements	(b)		
5.028	Water Supply & Treatment	42.25%	0	@ROUND(\$5.013*\$5.028,0)
5.029	Transmission Mains	57.75%	0	@ROUND(\$5.013*\$5.029,0)
5.030	Total	100.00%	0	+\$5.028+\$5.029
5.031				
5.032	Allocation - 2003 Improvements	(b)		
5.033	Water Supply & Treatment	47.74%	148,295	@ROUND(\$5.015*\$5.033,0)
5.034	Transmission Mains	52.26%	162,335	@ROUND(\$5.015*\$5.034,0)
5.035	Total	100.00%	310,630	+\$5.033+\$5.034
5.036				
5.037	Allocation - 2009 Improvements	(c)		
5.038	Water Supply & Treatment	58.51%	239,095	@ROUND(\$5.017*\$5.038,0)
5.039	Transmission Mains	4.74%	19,369	@ROUND(\$5.017*\$5.039,0)
5.040	Cavin Plant	13.68%	55,902	@ROUND(\$5.017*\$5.040,0)
5.041	Distribution/General Plant	23.07%	94,273	@ROUND(\$5.017*\$5.041,0)
5.042	Total	100.00%	408,639	+\$5.038+\$5.039+\$5.040+\$5.041
5.043				
5.044	Allocation - 2014 Improvements	(d)		
5.045	Water Supply & Treatment	37.74%	90,077	@ROUND(\$5.019*\$5.045,0)
5.046	Transmission Mains	24.64%	58,810	@ROUND(\$5.019*\$5.046,0)
5.047	Cavin Plant	8.80%	21,004	@ROUND(\$5.019*\$5.047,0)
5.048	Distribution/General Plant	28.82%	68,787	@ROUND(\$5.019*\$5.048,0)
5.049	Total	100.00%	238,678	+\$5.045+\$5.046+\$5.047+\$5.048
5.050				
5.051	Allocation - 2015 Improvements	(e)		
5.052	Water Supply & Treatment	44.00%	97,311	@ROUND(\$5.021*\$5.052,0)
5.053	Cavin Plant	0.00%	0	@ROUND(\$5.021*\$5.053,0)
5.054	Expanded Plant	56.00%	123,850	@ROUND(\$5.021*\$5.054,0)
5.055	Total	100.00%	221,161	+\$5.052+\$5.053+\$5.054
5.056				
5.057	Allocation - 2018 Improvements	(f)		
5.058	Water Supply & Treatment	6.13%	154,069	@ROUND(\$5.025*\$5.058,0)
5.059	Transmission Mains	2.79%	70,123	@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%	2,235,138	@ROUND(\$5.025*\$5.061,0)
5.062	Distribution/General Plant	2.15%	54,037	@ROUND(\$5.025*\$5.062,0)
5.063	Total	100.00%	2,513,367	+\$5.058+\$5.059+\$5.060+\$5.061+\$5.062
5.064				
5.065	Debt Service Summary			
5.066	Existing Treatment Facility		728,847	+\$5.007+\$5.028+\$5.033+\$5.038+\$5.045+\$5.052+\$5.058
5.067	New Treatment Facility		908,758	+\$5.023+\$5.040+\$5.047+\$5.053+\$5.060
5.068	Transmission Facilities		310,637	+\$5.008+\$5.029+\$5.034+\$5.039+\$5.046+\$5.059
5.069	Expanded Treatment Facility		2,358,988	+\$5.054+\$5.061
5.070	Distribution/General Plant		217,097	+\$5.041+\$5.048+\$5.062
5.071			4,524,327	+\$5.066+\$5.067+\$5.068+\$5.069+\$5.070
5.072	(a) Exhibit E, Contract			
5.073	(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.			
5.076	(e) Based on estimated dollars to be spent on improvements, per Water Financial model.			
5.077	(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, 2022**  
**TRUE-UP CALCULATION**

Line		FY 2022	
		-----	
6.000			
6.001			
6.002		\$	
6.003			
6.004	Administrative and General Expenses	1,459,541	+\$1.040
6.005			
6.006	Basis of Allocation = Supervised Expenses (b)		
6.007	Existing Treatment Facility	1,533,858	+\$4.004+\$4.009+\$4.021
6.008			
6.009	New Treatment Facility	1,102,621	+\$4.013+\$4.022
6.010			
6.011	Expanded Treatment Facility	1,104,764	+\$4.017+\$4.023
6.012			
6.013	Transmission System	666,325	+\$3.014
6.014			
6.015	Distribution System	867,926	+\$3.016
6.016			
6.017	Customer Accounting & Information	637,412	+\$1.041
6.018			
6.019	Total Above	5,912,906	@SUM(\$6.007..\$6.017)
6.020			
6.021	Allocation Of Admin. & Gen. Expense		
6.022	Existing Treatment Facility	378,617	@ROUND(+\$6.004*\$6.007/\$6.019,0)
6.023			
6.024	New Treatment Facility	272,171	@ROUND(+\$6.004*\$6.009/\$6.019,0)
6.025			
6.026	Expanded Treatment Facility	272,700	@ROUND(+\$6.004*\$6.011/\$6.019,0)
6.027			
6.028	Transmission System	164,476	@ROUND(+\$6.004*\$6.013/\$6.019,0)
6.029			
6.030	Distribution System	214,239	@ROUND(+\$6.004*\$6.015/\$6.019,0)
6.031			
6.032	Customer Accounting & Information	157,339	@ROUND(+\$6.004*\$6.017/\$6.019,0)
6.033			
6.034	Total Above	1,459,542	@SUM(\$6.022..\$6.032)
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, 2022**  
**TRUE-UP CALCULATION**

Line		FY 2022		
-----		-----		
7.000		FY 2022		
7.001		-----		
7.002		\$		
7.003	Existing Treatment Facility Fixed Costs			
7.004	Debt Service	728,847	+\$5.066	
7.005				
7.006	O&M Expense	1,533,858	+\$4.004+\$4.009+\$4.021	
7.007				
7.008	Replacements & Improvements	154,265	+\$7.057	
7.009				
7.010	Admin. & General Expense	<u>378,617</u>	+\$6.022	
7.011				
7.012	Total Existing Treatment Facility Fixed Costs	2,795,587	@SUM(\$7.004..\$7.010)	
7.013				
7.014				
7.015	New Treatment Facility Fixed Costs			
7.016				
7.017	Debt Service	908,758	+\$5.067	
7.018				
7.019	O&M Expense	1,102,621	+\$4.013+\$4.022	
7.020				
7.021	Replacements & Improvements	313,111	+\$7.061	
7.022				
7.023	Admin. & General Expense	<u>272,171</u>	+\$6.024	
7.024				
7.025	Total New Treatment Facility Fixed Costs	2,596,661	@SUM(\$7.017..\$7.023)	
7.026				
7.027	Transmission Facility Fixed Costs			
7.028	Debt Service	310,637	+\$5.068	
7.029				
7.030	O&M Expense	666,325	+\$3.014	
7.031				
7.032	Replacements & Improvements	254,751	+\$7.065	
7.033				
7.034	Admin. & General Expense	<u>164,476</u>	+\$6.028	
7.035				
7.036	Total Transmission Facility Fixed Costs	1,396,189	@SUM(\$7.028..\$7.034)	
7.037				
7.038	Expanded Treatment Facility Fixed Costs			
7.039				
7.040	Debt Service	2,358,988	+\$5.069	
7.041				
7.042	O&M Expense	1,104,764	+\$4.017+\$4.023	
7.043				
7.044	Replacements & Improvements	575,597	+\$7.069	
7.045				
7.046	Admin. & General Expense	<u>272,700</u>	+\$6.026	
7.047				
7.048	Total Expanded Treatment Facility Fixed Costs	4,312,049	@SUM(\$7.040..\$7.046)	
7.049				
7.050	Variable Expenses			
7.051	Total Amount	1,105,517	+\$4.029	
7.052				
7.053	<b>Plant Investment as of May 31, 2021:</b>			
7.054	Existing Treatment Facilities			
7.055	Existing/Additions	(a) 10,729,378	1.25%	134,117
7.056	Cavin Project Improvements	(a) 1,611,825	1.25%	20,148
7.057		<u>12,341,203</u>		<u>154,265</u>
7.058	New Treatment Facilities			
7.059	Additions	(a) 1,831,368	1.25%	22,892
7.060	Cavin Project Improvements	(a) 23,217,545	1.25%	290,219
7.061		<u>25,048,913</u>		<u>313,111</u>
7.062	Transmission Facilities			
7.063	Existing/Additions	(a) 17,924,644	1.25%	224,058
7.064	Cavin Project Improvements	(a) 2,455,475	1.25%	30,693
7.065		<u>20,380,119</u>		<u>254,751</u>
7.066	Expanded Treatment Facilities			
7.067	Additions	(a) 46,047,733	1.25%	575,597
7.068	Cavin Project Improvements	(a) 0	1.25%	0
7.069		<u>46,047,733</u>		<u>575,597</u>
7.070				
7.071	(a) Contributions to R&R Fund for FY 2017 were 1.25% of Plant Investment,			
7.072	excluding land. Distribution Plant and General Plant are excluded from			<u>1,297,724</u>
7.073	Water District cost allocations.			

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2022**  
**TRUE-UP CALCULATION**

Line	Total System Costs	Wholesale Customers			Subtotal	
		Southeast Daviess	West Daviess	East Daviess		
8.000						
8.001						
8.002						
8.003						
8.004						
8.005						
8.006	Existing Treatment Facility					
8.007	Total Costs	\$2,795,587	+S7.012			
8.008						
8.009	District Responsibility					
8.010	Percent	13.56%	9.65%	4.09%	27.30%	+S2.019
8.011	Amount	\$379,082	\$269,774	\$114,340	\$763,196	@ROUND(\$8.007*\$8.010,0)
8.012						
8.013						
8.014	New Treatment Facility					
8.015	Total Costs	\$2,596,661	+S7.025			
8.016						
8.017	District Responsibility					
8.018	Percent	12.75%	8.25%	5.69%	26.69%	+S2.056
8.019	Amount	\$331,074	\$214,225	\$147,750	\$693,049	@ROUND(\$8.015*\$8.018,0)
8.020						
8.021						
8.022	Transmission Facilities					
8.023	Total Costs	\$1,396,189	+S7.036			
8.024						
8.025	District Responsibility					
8.026	Percent	20.14%	11.40%	8.03%	39.57%	+S2.028
8.027	Amount	\$281,192	\$159,166	\$112,114	\$552,472	@ROUND(\$8.023*\$8.026,0)
8.028						
8.029						
8.030	Expanded Treatment Facility					
8.031	Total Costs	\$4,312,049	+S7.048			
8.032						
8.033	District Responsibility					
8.034	Percent	15.61%	10.94%	7.07%	33.62%	+S2.085
8.035	Amount	\$673,111	\$471,738	\$304,862	\$1,449,711	@ROUND(\$8.031*\$8.034,0)
8.036						
8.037						
8.038	Variable Expenses					
8.039	Total Costs	\$1,105,517	+S7.051			
8.040						
8.041	District Responsibility					
8.042	Percent	18.26%	10.50%	8.04%	36.80%	+S2.009
8.043	Amount	\$201,867	\$116,079	\$88,884	\$406,830	@ROUND(\$8.039*\$8.042,0)
8.044						
8.045						
8.046	Total Prior Year True-Up Adjustment		<b>SEDC</b>	<b>WDC</b>	<b>EDC</b>	
8.047	Unrecovered True-Up Charges		\$0	\$0	\$0	\$0
8.048	True-Up Adjustment This Period		\$0	\$0	\$0	\$0
8.049						
8.050	Total Charges to Districts for FY 2022	\$1,866,326	\$1,230,982	\$767,950	\$3,865,258	+S8.011+S8.019+S8.027+S8.035+S8.043+S8.048
8.051						
8.052						
8.053	Effective Unit Charge		<b>SEDC</b>	<b>WDC</b>	<b>EDC</b>	
8.054	Existing Treatment Facility		\$0.522	\$0.645	\$0.357	\$0.521 @ROUND(+S8.011/(1000*\$9.008),3)
8.055	New Treatment Facility		\$0.456	\$0.513	\$0.462	\$0.473 @ROUND(+S8.019/(1000*\$9.008),3)
8.056	Transmission Facilities		\$0.387	\$0.381	\$0.350	\$0.377 @ROUND(+S8.027/(1000*\$9.008),3)
8.057	Expanded Treatment Facility		\$0.927	\$1.129	\$0.953	\$0.990 @ROUND(+S8.035/(1000*\$9.008),3)
8.058	Variable Expenses		\$0.278	\$0.278	\$0.278	\$0.278 @ROUND(+S8.043/(1000*\$9.008),3)
8.059	Prior Year Trueup		\$0.000	\$0.000	\$0.000	\$0.000 @ROUND(+S8.048/(1000*\$9.008),3)
8.060						
8.061	<b>w/ true up</b>		<b>\$2.571</b>	<b>\$2.945</b>	<b>\$2.400</b>	\$2.640 @SUM(\$8.054..\$8.059)
8.062	<b>w/o true up</b>		<b>\$2.571</b>	<b>\$2.945</b>	<b>\$2.400</b>	

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2022**  
**TRUE-UP CALCULATION**

Line			Wholesale Customers				
			----- Southeast Davieess -----	West Davieess -----	East Davieess -----	Subtotal -----	
9.000							
9.001							
9.002							
9.003							
9.004							
9.005							
9.006	Sales, FY 1991	Mil. gal	521	338	151	1,010	+S10.027
9.007	Growth Factor		1.393	1.235	2.117		S1.010 through S1.012
9.008	Sales, FY 2022	Mil. gal	726	418	320	1,464	@ROUND(S9.006*S9.007,0)
9.009							
9.010	Total FY 2022 Charges		\$1,866,326	\$1,230,982	\$767,950	\$3,865,258	+S8.050
9.011							
9.012	Effective unit cost (per 1000 gallons)		\$2.571	\$2.945	\$2.400	\$2.640	@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	\$1.167	(Per Contracts)
9.016							
9.017	<b>WATER RATES effective June 1, 2022</b>		<b>\$2.571</b>	<b>\$2.945</b>	<b>\$2.400</b>	\$2.640	@MAX(+S9.012,+S9.015)
9.018							
9.019	Effective Rate Over (Under) Floor		\$1.423	\$1.732	\$1.252		
9.020							
9.021							
9.022	<b>Current Rates (per 1000 gallons) - effective 6-1-21</b>		<b>\$2.770</b>	<b>\$3.160</b>	<b>\$2.160</b>		
9.023	Increase (Decrease)		(\$0.199)	(\$0.215)	\$0.240		
9.024	Percent Increase (Decrease)		-7.2%	-6.8%	11.1%		

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2022**  
**TRUE-UP CALCULATION**

Line		Wholesale Customers				Subtotal	OMU Retail Customers	Total OMU System
		Southeast Daviness	West Daviness	East Daviness				
10.000								
10.001								
10.002								
10.003		Units						
10.004								
10.005	Data for Base Year FY 1989							
10.006								
10.007	Average of 5 Maximum Day Demands			(c)				
10.008	Amount (a)	mgd	2.330	1.900	0.582	4.812		
10.009	Allowance for Transmission Losses		2%	2%	2%	Estimated		
10.010	Amount Adjusted for Losses	mgd	2.378	1.939	0.594	4.911		
10.011								
10.012	For Information Only							
10.013	Annual sales	Mil cf	67.08	45.89	21.02	(a)		
10.014	Annual sales	Mil. gal.	502	343	157	@ROUND(7.48*S10.013,0)		
10.015	Average Day	mgd	1.38	0.94	0.43	+S10.014/365		
10.016	Ratio Max to Average Day		1.69	2.02	1.35	+S10.008/S10.015		
10.017								
10.018								
10.019	Average of System 5 maximum day demands					mgd	17.90 (a)	
10.020	Allowance for filter wash water						2%	
10.021	Adj. System 5 Maximum Day Demands (Base year plant usage)					mgd	17.54 @ROUND(+S10.019*(1-S10.020),2)	
10.022								
10.023								
10.024								
10.025	Input data for FY 1991 (a)							
10.026	Annual Sales	Million cf		(b)	135.0	399.2	534.2	
10.027	Annual Sales	Mil. gal.	521	338	151	1,010	2,986	
10.028				(c)				
10.029	Average of 5 Maximum Day Demands	mgd	1.95	1.35	0.60	@ROUND(S10.033*S10.027/365,3)		
10.030								
10.031	For Information Only							
10.032	Average Day	mgd	1.427	0.926	0.414	+S10.027/365		
10.033	Ratio Max to Average Day		1.37	1.46	1.45	+S10.029/S10.032	1.41 << Ave SE & W	
10.034								
10.035	Allowance for Transmission Losses		2%	2%	2%	Estimated		
10.036								
10.037	Data Adjusted for Water Losses							
10.038	District Data:							
10.039	Annual Water Sales	Mil. gal.	532	345	154	@ROUND(+S10.027/(1-S10.035),0)		
10.040	Average of 5 Maximum Day Demands	mgd	1.990	1.378	0.612	@ROUND(+S10.029/(1-S10.035),3)		
10.041								
10.042	Total System Data:							
10.043	Average of 5 Maximum Day Demands					mgd	17.26 (a)	
10.044	Filter wash water					mgd	0.35 @ROUND(0.02*S10.043,2)	
10.045	Adj. 5 Max. Day Demands					mgd	16.91 +S10.043-S10.044	
10.046								
10.047								
10.048	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	Treated water delivered to trans. system					Mil. gal.	4,846 +S10.048-S10.049	
10.051								
10.052								
10.053								
10.054	(a) Source: OMU staff tabulation dated 8-19-91							
10.055	May, 1991 Financial Statement							
10.056								
10.057								
10.058	(d) East Daviess est 5 day max day demand							
10.059	FY 1989 Annual Sales	Million cf	21.02	<< OMU monthly listing of district sales				
10.060	FY 1989 Annual Sales	Mil. gal.	157.2	@ROUND(S10.059*7.48,1)				
10.061	Average day demand	mgd	0.431	@ROUND(S10.060/365,3)				
10.062	Estimated Max day ratio		1.35					
10.063	Est. East Daviess 5 day max day demand (mgd)		0.582	@ROUND(S10.061*S10.062,3)				
10.064								
10.065								
10.066								
10.067								

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

<b>Fiscal Year</b>	<b>Rate Chg. %</b>	<b>Estimate Gals. (000)</b>	<b>Actual Gals. (000)</b>	<b>Rate/ Thous. Gals. \$</b>	<b>Collected From District \$</b>	<b>Actual Cost \$</b>	<b>Difference</b>
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)
FY 2020	14.71%	302,000	302,523	\$1.630	\$493,112	\$580,966	(\$87,854)
FY 2021	19.02%	310,000	313,709	\$1.940	\$608,554	\$657,628	(\$49,074)
FY 2022	11.34%	315,000	318,777	\$2.160	\$688,559	\$767,950	(\$79,391)
<b>Totals to Date</b>		<b>4,850,000</b>	<b>4,867,238</b>		<b>\$6,862,338</b>	<b>\$7,024,188</b>	<b>(\$161,850)</b>

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2023**  
**Estimate for FY 2024 Rate**

Line			FY 1991 Amount	FY 1991 Reference	Inflation Factor	Growth Factor	Calculated Growth Factor	FY 2023 Amount
1.000								
1.001								
1.002								
1.003								
1.004							32	
1.005	<u>Water System Demands and Usage</u>						Years	
1.006								
1.007	System Annual Quantity	Mil. Gal.	4,846	+\$10.050	0%	-0.32%	0.903	4,375
1.008								
1.009	District Annual Quantity							
1.010	Southeast Daviess	Mil. Gal.	532	+\$10.039	0%	1.07%	1.408	749
1.011	West Daviess	Mil. Gal.	345	+\$10.039	0%	0.77%	1.278	441
1.012	East Daviess	Mil. Gal.	154	+\$10.039	0%	2.44%	2.162	333
1.013								
1.014	Maximum Day Quantity							
1.015	Southeast Daviess	mgd	1.990	+\$10.040	0%	1.56%	1.642	3.267
1.016	West Daviess	mgd	1.378	+\$10.040	0%	0.92%	1.343	1.850
1.017	East Daviess	mgd	0.612	+\$10.040	0%	2.43%	2.154	1.318
1.018								
1.019	System Maximum Day Quantity	mgd	16.91	+\$10.045	0%	-0.26%	0.921	15.57
1.020								
1.021	<u>Operation and Maintenance Expense</u>							
1.022								
1.023	Transmission and Dist. Expense	\$	269,521	(a)	5.70%	0%	5.896	1,589,102
1.024	Source of Supply Expense	\$	121,068	(a)	7.32%	0%	9.590	1,161,044
1.025	Existing Treatment Plant Expense							
1.026	Chemicals	\$	198,132	(a)	#NUM!	-0.32%	0.000	0
1.027	Other	\$	405,493	(a)	-5.36%	0%	0.171	69,519
1.028	New Treatment Plant Expense							
1.029	Chemicals	\$	0		n/a	n/a	n/a	132,878
1.030	Other	\$	0		n/a	n/a	n/a	1,025,768
1.031	Expanded Treatment Plant Expense							
1.032	Chemicals	\$	0		n/a	n/a	n/a	536,363
1.033	Other	\$	0		n/a	n/a	n/a	1,357,965
1.034	Pumping Expense							
1.035	Electric Power	\$	240,191	(a)	3.13%	-0.32%	2.425	582,478
1.036	Other-Existing Plant	\$	8,840	(a)	-4.86%	0%	0.203	1,794
1.037	Other-New Plant	\$	0		n/a	n/a	n/a	54,588
1.038	Other-Expanded Plant	\$	0		n/a	n/a	n/a	100,544
1.039								
1.040	Administrative Expenses	\$	689,980	(a)	2.78%	0%	2.406	1,659,900
1.041	Customer Accounting & Information	\$	176,825	(a)	4.38%	0%	3.945	697,500
1.042								
1.043	(a) FY 1991 financial statements.		<u>2,110,050</u>					<u>8,969,443</u>
1.044								
1.045								
1.046	<u>Debt Service Payments</u>							
1.047								
1.048	Existing Plant	\$	487,100					0
1.049	1999 Improvements	\$	0					0
1.050	2003 Improvements	\$	0					317,211
1.051	2009 Improvements	\$	0					407,000
1.052	2014 Improvements	\$	0					225,173
1.053	2015 Improvements	\$	0					212,902
1.054	Cavin Plant	\$	0					804,958
1.055	2018 Improvements	\$	0					2,453,520
1.056			<u>487,100</u>					<u>4,420,764</u>
1.057								
1.058								



Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2023**  
**Estimate for FY 2024 Rate**

Line				
3.000				
3.001				
3.002	FY 2023 Annual Transmission & Distribution Expense	\$1,589,102	+S1.023	(a)
3.003				
3.004	Beginning of year inch-feet of transmission and distribution system			
3.005				
3.006	Distribution mains (less than 8 inch)	6,950,590		
3.007				
3.008	Transmission mains ( 8 inch & over)	5,334,994		
3.009				
3.010	Total	12,285,584		
3.011				
3.012	Transmission portion	43.42%		
3.013				
3.014	Calculated Transmission O&M Expense	\$689,988	@ROUND(S3.002*S3.012,0)	
3.015				
3.016	Net Distribution O&M Expense	\$899,114	+S3.002-S3.014	
3.017				
3.018				
3.019				
3.020				
3.021	(a) Total water trans. & dist. expense less maintenance of services,			
3.022	meters, hydrants and misc. plant.			
3.023				



Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2023**  
**Estimate for FY 2024 Rate**

Line		FY 2023	
-----		-----	
4.000			
4.001			
4.002		\$	
4.003			
4.004	Source of Supply Expense	1,161,044	+S1.024
4.005			
4.006	Water Treatment		
4.007	Existing Plant		
4.008	Chemicals	0	+S1.026
4.009	Other	69,519	+S1.027
4.010			
4.011	New Plant		
4.012	Chemicals	132,878	+S1.029
4.013	Other	1,025,768	+S1.030
4.014			
4.015	Expanded Plant		
4.016	Chemicals	536,363	+S1.032
4.017	Other	1,357,965	+S1.033
4.018			
4.019	Pumping Expense		
4.020	Electric Power	582,478	+S1.035
4.021	Other-Existing Plant	1,794	+S1.036
4.022	Other-New Plant	54,588	+S1.037
4.023	Other-Expanded Plant	100,544	+S1.038
4.024			
4.025	Variable Expenses		
4.026	Electric Power	582,478	+S4.020
4.027	Chemicals-Existing Plant	0	+S4.008
4.028	Chemicals-New and Expanded Plant	669,241	+S4.012+S4.016
4.029	Total Variable Expenses	1,251,719	@SUM(S4.026..S4.028)
4.030			
4.031			
4.032			
4.033			

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2023**  
**Estimate for FY 2024 Rate**

Line			FY 2023	
5.000				
5.001				
5.002				\$
5.003	Existing Revenue Bonds			
5.004	Annual P & I		0	+\$1,048
5.005				
5.006	Allocation - Existing Revenue Bonds	(a)		
5.007	Water Supply & Treatment	66.28%	0	@ROUND(\$5.004*\$5.007,0)
5.008	Transmission Mains	33.72%	0	@ROUND(\$5.004*\$5.008,0)
5.009	Total	100.00%	0	+\$5.007+\$5.008
5.010				
5.011	New Revenue Bonds			
5.012	Debt Service on Improvements - 1999 Bonds			
5.013	Annual P & I		0	+\$1,049
5.014	Debt Service on Improvements - 2003 Bonds			
5.015	Annual P & I		317,211	+\$1,050
5.016	Debt Service on Improvements - 2009 Bonds			
5.017	Annual P & I		407,000	+\$1,051
5.018	Debt Service on Improvements - 2014 Bonds			
5.019	Annual P & I		225,173	+\$1,052
5.020	Debt Service on Improvements - 2015 Bonds			
5.021	Annual P & I		212,902	+\$1,053
5.022	Debt Service on Cavin Project			
5.023	Annual P & I		804,958	+\$1,054
5.024	Debt Service on Improvements - 2018 Bonds			
5.025	Annual P & I		2,453,520	+\$1,055
5.026				
5.027	Allocation - 1999 Improvements	(b)		
5.028	Water Supply & Treatment	42.25%	0	@ROUND(\$5.013*\$5.028,0)
5.029	Transmission Mains	57.75%	0	@ROUND(\$5.013*\$5.029,0)
5.030	Total	100.00%	0	+\$5.028+\$5.029
5.031				
5.032	Allocation - 2003 Improvements	(b)		
5.033	Water Supply & Treatment	47.74%	151,437	@ROUND(\$5.015*\$5.033,0)
5.034	Transmission Mains	52.26%	165,774	@ROUND(\$5.015*\$5.034,0)
5.035	Total	100.00%	317,211	+\$5.033+\$5.034
5.036				
5.037	Allocation - 2009 Improvements	(c)		
5.038	Water Supply & Treatment	58.51%	238,137	@ROUND(\$5.017*\$5.038,0)
5.039	Transmission Mains	4.74%	19,292	@ROUND(\$5.017*\$5.039,0)
5.040	Cavin Plant	13.68%	55,678	@ROUND(\$5.017*\$5.040,0)
5.041	Distribution/General Plant	23.07%	93,895	@ROUND(\$5.017*\$5.041,0)
5.042	Total	100.00%	407,002	+\$5.038+\$5.039+\$5.040+\$5.041
5.043				
5.044	Allocation - 2014 Improvements	(d)		
5.045	Water Supply & Treatment	37.74%	84,980	@ROUND(\$5.019*\$5.045,0)
5.046	Transmission Mains	24.64%	55,483	@ROUND(\$5.019*\$5.046,0)
5.047	Cavin Plant	8.80%	19,815	@ROUND(\$5.019*\$5.047,0)
5.048	Distribution/General Plant	28.82%	64,895	@ROUND(\$5.019*\$5.048,0)
5.049	Total	100.00%	225,173	+\$5.045+\$5.046+\$5.047+\$5.048
5.050				
5.051	Allocation - 2015 Improvements	(e)		
5.052	Water Supply & Treatment	44.00%	93,677	@ROUND(\$5.021*\$5.052,0)
5.053	Cavin Plant	0.00%	0	@ROUND(\$5.021*\$5.053,0)
5.054	Expanded Plant	56.00%	119,225	@ROUND(\$5.021*\$5.054,0)
5.055	Total	100.00%	212,902	+\$5.052+\$5.053+\$5.054
5.056				
5.057	Allocation - 2018 Improvements	(f)		
5.058	Water Supply & Treatment	6.13%	150,401	@ROUND(\$5.025*\$5.058,0)
5.059	Transmission Mains	2.79%	68,453	@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%	2,181,915	@ROUND(\$5.025*\$5.061,0)
5.062	Distribution/General Plant	2.15%	52,751	@ROUND(\$5.025*\$5.062,0)
5.063	Total	100.00%	2,453,520	+\$5.058+\$5.059+\$5.060+\$5.061+\$5.062
5.064				
5.065	Debt Service Summary			
5.066	Existing Treatment Facility		718,632	+\$5.007+\$5.028+\$5.033+\$5.038+\$5.045+\$5.052+\$5.058
5.067	New Treatment Facility		880,451	+\$5.023+\$5.040+\$5.047+\$5.053+\$5.060
5.068	Transmission Facilities		309,002	+\$5.008+\$5.029+\$5.034+\$5.039+\$5.046+\$5.059
5.069	Expanded Treatment Facility		2,301,140	+\$5.054+\$5.061
5.070	Distribution/General Plant		211,541	+\$5.041+\$5.048+\$5.062
5.071			4,420,766	+\$5.066+\$5.067+\$5.068+\$5.069+\$5.070
5.072	(a) Exhibit E, Contract			
5.073	(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.			
5.076	(e) Based on estimated dollars to be spent on improvements, per Water Financial model.			
5.077	(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, 2023**  
**Estimate for FY 2024 Rate**

Line		FY 2023	
-----		-----	
6.000		FY 2023	
6.001		-----	
6.002		\$	
6.003			
6.004	Administrative and General Expenses	1,659,900	+\$1.040
6.005			
6.006	Basis of Allocation = Supervised Expenses (b)		
6.007	Existing Treatment Facility	1,232,357	+\$4.004+\$4.009+\$4.021
6.008			
6.009	New Treatment Facility	1,080,356	+\$4.013+\$4.022
6.010			
6.011	Expanded Treatment Facility	1,458,509	+\$4.017+\$4.023
6.012			
6.013	Transmission System	689,988	+\$3.014
6.014			
6.015	Distribution System	899,114	+\$3.016
6.016			
6.017	Customer Accounting & Information	697,500	+\$1.041
6.018			
6.019	Total Above	6,057,824	@SUM(\$6.007..\$6.017)
6.020			
6.021	Allocation Of Admin. & Gen. Expense		
6.022	Existing Treatment Facility	337,677	@ROUND(+\$6.004*\$6.007/\$6.019,0)
6.023			
6.024	New Treatment Facility	296,028	@ROUND(+\$6.004*\$6.009/\$6.019,0)
6.025			
6.026	Expanded Treatment Facility	399,645	@ROUND(+\$6.004*\$6.011/\$6.019,0)
6.027			
6.028	Transmission System	189,063	@ROUND(+\$6.004*\$6.013/\$6.019,0)
6.029			
6.030	Distribution System	246,366	@ROUND(+\$6.004*\$6.015/\$6.019,0)
6.031			
6.032	Customer Accounting & Information	191,121	@ROUND(+\$6.004*\$6.017/\$6.019,0)
6.033			
6.034	Total Above	1,659,900	@SUM(\$6.022..\$6.032)
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, 2023**  
**Estimate for FY 2024 Rate**

Line				
7.000			FY 2023	
7.001			-----	
7.002			\$	
7.003	Existing Treatment Facility Fixed Costs			
7.004	Debt Service	718,632		+\$5.066
7.005				
7.006	O&M Expense	1,232,357		+\$4.004+\$4.009+\$4.021
7.007				
7.008	Replacements & Improvements	151,590		+\$7.057
7.009				
7.010	Admin. & General Expense	<u>337,677</u>		+\$6.022
7.011				
7.012	Total Existing Treatment Facility Fixed Costs	2,440,256		@SUM(\$7.004..\$7.010)
7.013				
7.014				
7.015	New Treatment Facility Fixed Costs			
7.016				
7.017	Debt Service	880,451		+\$5.067
7.018				
7.019	O&M Expense	1,080,356		+\$4.013+\$4.022
7.020				
7.021	Replacements & Improvements	304,682		+\$7.061
7.022				
7.023	Admin. & General Expense	<u>296,028</u>		+\$6.024
7.024				
7.025	Total New Treatment Facility Fixed Costs	2,561,517		@SUM(\$7.017..\$7.023)
7.026				
7.027	Transmission Facility Fixed Costs			
7.028	Debt Service	309,002		+\$5.068
7.029				
7.030	O&M Expense	689,988		+\$3.014
7.031				
7.032	Replacements & Improvements	248,516		+\$7.065
7.033				
7.034	Admin. & General Expense	<u>189,063</u>		+\$6.028
7.035				
7.036	Total Transmission Facility Fixed Costs	1,436,569		@SUM(\$7.028..\$7.034)
7.037				
7.038	Expanded Treatment Facility Fixed Costs			
7.039				
7.040	Debt Service	2,301,140		+\$5.069
7.041				
7.042	O&M Expense	1,458,509		+\$4.017+\$4.023
7.043				
7.044	Replacements & Improvements	577,610		+\$7.069
7.045				
7.046	Admin. & General Expense	<u>399,645</u>		+\$6.026
7.047				
7.048	Total Expanded Treatment Facility Fixed Costs	4,736,904		@SUM(\$7.040..\$7.046)
7.049				
7.050	Variable Expenses			
7.051	Total Amount	1,251,719		+\$4.029
7.052				
7.053	<b>Plant Investment as of May 31, 2022:</b>			
7.054	Existing Treatment Facilities			
7.055	Existing/Additions	(a) <u>10,515,390</u>	1.25%	131,442
7.056	Cavin Project Improvements	(a) <u>1,611,825</u>	1.25%	20,148
7.057		12,127,215		<u>151,590</u>
7.058	New Treatment Facilities			
7.059	Additions	(a) <u>1,157,023</u>	1.25%	14,463
7.060	Cavin Project Improvements	(a) <u>23,217,545</u>	1.25%	290,219
7.061		24,374,568		<u>304,682</u>
7.062	Transmission Facilities			
7.063	Existing/Additions	(a) <u>17,425,867</u>	1.25%	217,823
7.064	Cavin Project Improvements	(a) <u>2,455,475</u>	1.25%	30,693
7.065		19,881,342		<u>248,516</u>
7.066	Expanded Treatment Facilities			
7.067	Additions	(a) <u>46,208,801</u>	1.25%	577,610
7.068	Cavin Project Improvements	(a) <u>0</u>	1.25%	0
7.069		46,208,801		<u>577,610</u>
7.070				
7.071	(a) Contributions to R&R Fund for FY 2017 were 1.25% of Plant Investment,			
7.072	excluding land. Distribution Plant and General Plant are excluded from			<u>1,282,398</u>
7.073	Water District cost allocations.			

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2023**  
**Estimate for FY 2024 Rate**

Line	Total System Costs	Wholesale Customers			Subtotal	
		Southeast Daviess	West Daviess	East Daviess		
8.000						
8.001						
8.002						
8.003						
8.004						
8.005						
8.006	Existing Treatment Facility					
8.007	Total Costs	\$2,440,256	+S7.012			
8.008						
8.009	District Responsibility					
8.010	Percent		13.56%	9.65%	4.09%	27.30%
8.011	Amount		\$330,899	\$235,485	\$99,806	\$666,190
8.012						@ROUND(\$8.007*\$8.010,0)
8.013						
8.014	New Treatment Facility					
8.015	Total Costs	\$2,561,517	+S7.025			
8.016						
8.017	District Responsibility					
8.018	Percent		12.75%	8.25%	7.24%	28.24%
8.019	Amount		\$326,593	\$211,325	\$185,454	\$723,372
8.020						@ROUND(\$8.015*\$8.018,0)
8.021						
8.022	Transmission Facilities					
8.023	Total Costs	\$1,436,569	+S7.036			
8.024						
8.025	District Responsibility					
8.026	Percent		20.98%	11.88%	8.46%	41.32%
8.027	Amount		\$301,392	\$170,664	\$121,534	\$593,590
8.028						@ROUND(\$8.023*\$8.026,0)
8.029						
8.030	Expanded Treatment Facility					
8.031	Total Costs	\$4,736,904	+S7.048			
8.032						
8.033	District Responsibility					
8.034	Percent		15.61%	10.94%	7.24%	33.79%
8.035	Amount		\$739,431	\$518,217	\$342,952	\$1,600,600
8.036						@ROUND(\$8.031*\$8.034,0)
8.037						
8.038	Variable Expenses					
8.039	Total Costs	\$1,251,719	+S7.051			
8.040						
8.041	District Responsibility					
8.042	Percent		17.12%	10.08%	7.61%	34.81%
8.043	Amount		\$214,294	\$126,173	\$95,256	\$435,723
8.044						@ROUND(\$8.039*\$8.042,0)
8.045						
8.046	Total Prior Year True-Up Adjustment		<b>SED</b>	<b>WDC</b>	<b>EDC</b>	
8.047	Unrecovered True-Up Charges		\$91,598	\$53,370	\$161,850	\$306,818
8.048	True-Up Adjustment This Period		\$28,626	\$49,680	\$20,048	\$98,354
8.049			\$120,224	\$103,050	\$181,898	\$405,172
8.050	Total Charges to Districts for FY 2023	\$2,032,833	\$1,364,914	\$1,026,900	\$4,424,647	+S8.011+S8.019+S8.027+S8.035+S8.043+S8.048
8.051						
8.052						
8.053	Effective Unit Charge		<b>SED</b>	<b>WDC</b>	<b>EDC</b>	
8.054	Existing Treatment Facility		\$0.451	\$0.545	\$0.306	\$0.447
8.055	New Treatment Facility		\$0.445	\$0.489	\$0.569	\$0.485
8.056	Transmission Facilities		\$0.411	\$0.395	\$0.373	\$0.398
8.057	Expanded Treatment Facility		\$1.007	\$1.200	\$1.052	\$1.073
8.058	Variable Expenses		\$0.292	\$0.292	\$0.292	\$0.292
8.059	Prior Year Trueup		\$0.164	\$0.239	\$0.558	\$0.272
8.060						@ROUND(+S8.011/(1000*\$9.008),3)
8.061	<b>w/ true up</b>		<b>\$2.770</b>	<b>\$3.160</b>	<b>\$3.150</b>	\$2.965
8.062	<b>w/o true up</b>		<b>\$2.606</b>	<b>\$2.921</b>	<b>\$2.592</b>	@SUM(\$8.054..\$8.059)

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2023**  
**Estimate for FY 2024 Rate**

Line	Wholesale Customers						
	Southeast Davieess	West Davieess	East Davieess	Subtotal			
9.000							
9.001							
9.002							
9.003							
9.004							
9.005							
9.006	Sales, FY 1991	Mil. gal	521	338	151	1,010	+S10.027
9.007	Growth Factor		1.408	1.278	2.162		\$1.010 through \$1.012
9.008	Sales, FY 2023	Mil. gal	734	432	326	1,492	@ROUND(\$9.006*\$9.007,0)
9.009							
9.010	Total FY 2023 Charges		\$2,032,833	\$1,364,914	\$1,026,900	\$4,424,647	+S8.050
9.011							
9.012	Effective unit cost (per 1000 gallons)		\$2.770	\$3.160	\$3.150	\$2.966	@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	\$1.167	(Per Contracts)
9.016							
9.017	<b>WATER RATES effective June 1, 2023</b>		<b>\$2.770</b>	<b>\$3.160</b>	<b>\$3.150</b>	\$2.966	@MAX(+S9.012,+S9.015)
9.018							
9.019	Effective Rate Over (Under) Floor		\$1.622	\$1.947	\$2.002		
9.020							
9.021							
9.022	<b>Current Rates (per 1000 gallons) - effective 6-1-22</b>		<b>\$2.770</b>	<b>\$3.160</b>	<b>\$2.160</b>		
9.023	Increase (Decrease)		\$0.000	\$0.000	\$0.990		
9.024	Percent Increase (Decrease)		0.0%	0.0%	45.8%		

Analysis: Proforma Charges to Wholesale Customers  
**Fiscal Year Ending May 31, 2023**  
**Estimate for FY 2024 Rate**

Line		Wholesale Customers				Subtotal	OMU Retail Customers	Total OMU System	
		Southeast Daviness	West Daviness	East Daviness					
10.000									
10.001									
10.002									
10.003		Units							
10.004									
10.005	Data for Base Year FY 1989								
10.006									
10.007	Average of 5 Maximum Day Demands			(c)					
10.008	Amount (a)	mgd	2.330	1.900	0.582	4.812			
10.009	Allowance for Transmission Losses		2%	2%	2%	Estimated			
10.010	Amount Adjusted for Losses	mgd	2.378	1.939	0.594	4.911			
10.011									
10.012	For Information Only								
10.013	Annual sales	Mil cf	67.08	45.89	21.02	(a)			
10.014	Annual sales	Mil. gal.	502	343	157	@ROUND(7.48*S10.013,0)			
10.015	Average Day	mgd	1.38	0.94	0.43	+S10.014/365			
10.016	Ratio Max to Average Day		1.69	2.02	1.35	+S10.008/S10.015			
10.017									
10.018									
10.019	Average of System 5 maximum day demands					mgd	17.90	(a)	
10.020	Allowance for filter wash water						2%		
10.021	Adj. System 5 Maximum Day Demands (Base year plant usage)					mgd	17.54	@ROUND(+S10.019*(1-S10.020),2)	
10.022									
10.023									
10.024									
10.025	Input data for FY 1991 (a)								
10.026	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				(c)					
10.029	Average of 5 Maximum Day Demands	mgd	1.95	1.35	0.60	@ROUND(S10.033*S10.027/365,3)			
10.030									
10.031	For Information Only								
10.032	Average Day	mgd	1.427	0.926	0.414	+S10.027/365			
10.033	Ratio Max to Average Day		1.37	1.46	1.45	+S10.029/S10.032	1.41	<< Ave SE & W	
10.034									
10.035	Allowance for Transmission Losses		2%	2%	2%	Estimated			
10.036									
10.037	Data Adjusted for Water Losses								
10.038	District Data:								
10.039	Annual Water Sales	Mil. gal.	532	345	154	@ROUND(+S10.027/(1-S10.035),0)			
10.040	Average of 5 Maximum Day Demands	mgd	1.990	1.378	0.612	@ROUND(+S10.029/(1-S10.035),3)			
10.041									
10.042	Total System Data:								
10.043	Average of 5 Maximum Day Demands					mgd	17.26	(a)	
10.044	Filter wash water					mgd	0.35	@ROUND(0.02*S10.043,2)	
10.045	Adj. 5 Max. Day Demands					mgd	16.91	+S10.043-S10.044	
10.046									
10.047									
10.048	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	Treated water delivered to trans. system					Mil. gal.	4,846	+S10.048-S10.049	
10.051									
10.052									
10.053									
10.054	(a) Source: OMU staff tabulation dated 8-19-91								(b) Total wholesale less Southeast Daviness and West Daviness.
10.055	May, 1991 Financial Statement								(c) Amount per Districts' attorney.
10.056									ratios of the other districts.
10.057									
10.058	(d) East Daviness est 5 day max day demand								
10.059	FY 1989 Annual Sales	Million cf	21.02	<< OMU monthly listing of district sales					
10.060	FY 1989 Annual Sales	Mil. gal.	157.2	@ROUND(S10.059*7.48,1)					
10.061	Average day demand	mgd	0.431	@ROUND(S10.060/365,3)					
10.062	Estimated Max day ratio		1.35						
10.063	Est. East Daviness 5 day max day demand (mgd)		0.582	@ROUND(S10.061*S10.062,3)					
10.064									
10.065									
10.066									
10.067									