RECEIVED

Jeff Derouen Executive Director KY Public Service Commission PO Box 615 Frankfort, KY 40602

APR 2 7 2012
PUBLIC SERVICE
COMMISSION

RE: Application for a Purchased Water Adjustment

This is an application for a purchased water rate adjustment for the East Daviess Water Association. The adjustment is for a decrease in the cost of water attributable to our supplier's new wholesale rates.

The Association will notice our customers of the requested rate revisions in accordance with PSC rules and regulations.

Sincerely,

Frankie Fulkerson, Manager

East Daviess County Water Association

enclosure

PURCHASED WATER ADJUSTMENT FOR WATER DISTRICTS AND ASSOCIATIONS (807 KAR 5:068)

East Daviess County Water Association			
9210 Highway Route 144			
Knottsville, KY 42366			
(270) 281-5187			
	9210 Highway Route 144 Knottsville, KY 42366		

1.a. Name of all wholesale suppliers and the base (current) rate and changed rate of each. In the event the water purchased is billed by the supplier on a rate that is not a flat rate schedule, the entire rate schedule must be shown. Attach additional sheets if necessary.

Supplier(s)	Base Rate	Changed Rate
Owensboro Municipal Utilities	\$1.360	\$1.200

- 1.b. A copy of the supplier's notice of the changed rate showing the effective date of the increase is attached as Exhibit
- 2. Twelve-month period upon which the purchased water adjustment is based. (This twelve-month period must end within 90 days of this filing).

From	APRIL 2011	through	MARCH 2012
	(month and year)		(month and year)

3. Statement of water purchases. Where water is purchased from more than one supplier, purchases from each supplier must be shown separately. If water is purchased through a declining block rate schedule, purchases for each month must be shown. Attach an additional sheet if necessary.

Supplier(s)	Gallons Purchased during 12 month period			
Owensboro Municipal Utilities	293,899,000			
TOTAL PURCHASES				
4. Total gallons sold for the 12 month period	246,075,202			
5. Increased water cost	(\$47,023.84)			
The increased water cost is the cost difference between rate) and purchases at new rate.	purchases at base (current			
Purchased water adjustment factor	(\$.12)			
The purchased water adjustment factor is obtained by diwater by the total gallons sold. Note: The purchased water adjustment factor is added If the minimum usage is 2,000 gallons then the purchase would be added to the minimum bill twice. Revised tarif showing the rate to be charged by the utility and the effect rates.	to each thousand gallons sold. ed water adjustment factor f sheets must be attached			
7. Proposed effective date	June 1, 2012			
Frankie Aucher Signature of Utility Office Manager Title	er -			

East Daviess County Water

	OLD RATE	
SUPPLIER	(per 1,000)	(per 1,000)
Owensboro	\$1.2000	\$1.3600

TWELVE MONTH TEST PERIOD: April 2011 thru March 2012

	GALLONS PURCHASED				
SUPPLIER	DURING TEST PERIOD				
Owensboro	293,899,000				
TOTAL	293,899,000				

	COST AT	
SUPPLIER	NEW RATE	OLD RATE
Owensboro	352,678.80	399,702.64
TOTAL	\$352 678 80	- \$399,702,64

INCREASED
WATER COST
(\$47,023.84)

TOTAL GALLONS SOLD FOR THE TEST PERIOD :

377,010,730

Increased Water Cost /(total gallons sold / 1,000) = Purchased Water Adjustment Factor

(\$47,023.84)	7	377,010,730	/1000	=	-0.12472812
				ROUNDED	-0.12

						aviess County, Kentucky Dommunity, Town or City
						1
					4 th Revised S	HEET NO. 1
East Da	East Daviess County Water Association					S.C. KY. NO <u>. 1</u>
	(Name of Utility)					HEET NO1_
					<u>e 7.07.00u</u> 0	
		\\		RATES		
<u>Monthl</u>	y Rates					
5/8" x 3	3/4" Meter					
First	2,000	gallons			\$14.11	Minimum bill
Next	4,000	gallons			4.73	per 1,000 gallons
Next	44,000	gallons			3.78	per 1,000 gallons
Over	50,000	gallons			3.08	per 1,000 gallons
3/4" M	<u>eter</u>					
First	3,000	gallons			\$18.84	Minimum bill
Next	3,000	gallons			4.73	per 1,000 gallons
Next	44,000	gallons			3.78	per 1,000 gallons
Over	50,000	gallons			3.08	per 1,000 gallons
<u>1" Met</u>						
First	6,000	gallons			\$33.03	Minimum bill
Next	44,000	gallons			3.78	per 1,000 gallons
Over	50,000	gallons			3.08	per 1,000 gallons
1 1/2"					* 40 45	
First	10,000	gallons			\$48.15	Minimum bill
Next	40,000	gallons			3.78	per 1,000 gallons
Over	50,000	gallons			3.08	per 1,000 gallons
<u>2" Met</u>					*	A. 42
First	20,000	gallons			\$85.95	Minimum bill
Next	30,000	gallons			3.78 3.08	per 1,000 gallons per 1,000 gallons
Over	50,000	gallons			3.00	per 1,000 gallons
DATE O	F ISSUE		Month / Date / Year			
DATE E	FFECTIVE_		June 1, 2012			
ISSUED		Zn. Q.	Month / Date / Year	_		
	mana and	200	(Signature of Officer)		шиния при	
TITLE_	rigona	ger	OF THE SUS	LIC OFFICE	· [**	
BY AU		OF ORDE	R OF THE PUB	LIC SERVIC	, ⊏	

IN CASE NO. _____DATED ____



March 16, 2012

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

Re: Wholesale Water Rate Increase

Dear Frank:

We have made the required rate calculations for fiscal year 2012-2013, as per the terms of our contract. A copy of these calculations is enclosed, as well as a copy of the fiscal year 2010-2011 true-up calculations.

Based on these calculations, the rate charged to the East Daviess County Water Association for the fiscal year beginning June 1, 2012 will become \$1.200 per thousand gallons, a *decrease* of 11.8% versus the prior fiscal year.

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.

Stanley K. Conn General Manager

Cc: Kentucky Public Service Commission D. Hill, J. Grise, K. Roberts

Enclosures

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	% Difference
Southeast Daviess County Water District	\$1.500 per 1000 gallons	\$1.500 per 1000 gallons	No Change
West Daviess County Water District	\$1.650 per 1000 gallons	\$1.600 per 1000 gallons	3.0% Decrease
East Daviess County Water Association	\$1.360 per 1000 gallons	\$1.200 per 1000 gallons	11.8% Decrease

The proposed effective date is June 1, 2012.

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, Stanley K. Conn, 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.

3-16-2012

Schedule 1 FY 2012 Billing Determinants

1.051

			r Ending May					
Line		Estimate 10	or FY 2013 Rat	e				
1.000							Calculated	
1.000			FY 1991	FY 1991	Inflation	Growth	Growth	FY 2012
1.002			Amount	Reference	Factor	Factor	Factor	Amount
1.003								,
1.004							21	
1.005	Water System Demands and Usage						Years	
1.006	3.610. 070.011. 2 011.61.02							
1.007	System Annual Quantity	Mil. Gal.	4,846	+S10.050	0%	-0.45%	0.909	4,407
1.008								• • • •
1.009	District Annual Quantity							
1.010	Southeast Daviess	Mil, Gal.	532	+\$10.039	0%	0.49%	1,109	590
1.011	West Daviess	Mil. Gal.	345	+S10.039	0%	1.27%	1.304	450
1.012	East Daviess	Mil. Gal.	154	+\$10.039	0%	3.26%	1.961	302
1.013								
1.014	Maximum Day Quantity							
1.015	Southeast Daviess	mgd	1.990	+S10.040	0%	0.79%	1.179	2.347
1.016	West Daviess	mgd	1.378	+S10.040	0%	2.06%	1,533	2.113
1.017	East Daviess	mgd	0.612	+S10.040	0%	3.25%	1.959	1.199
1.018								
1.019	System Maximum Day Quantity	mgd	16.91	+\$10.045	0%	-0.22%	0.954	16.14
1.020								
1.021	Operation and Maintenance Expense							
1.022								
1.023	Transmission and Dist. Expense	\$	269,521	(a)	5.58%	0%	3.127	842,700
1.024	Source of Supply Expense	\$	121,068	(a)	8.05%	0%	5.087	615,900
1.025	Existing Treatment Plant Expense							
1.026	Chemicals	\$	198,132	(a)	1.57%	-0.45%	1.264	250,500
1.027	Other	\$	405,493	(a)	2.39%	0%	1.643	666,100
1.028	New Treatment Plant Expense							
1.029	Chemicals	\$	0		n/a	n/a	n/a	168,800
1.030	Other	\$	0		n/a	n/a	n/a	348,700
1.031	Pumping Expense							
1.032	Electric Power	\$	240,191	(a)	2.68%	-0.45%	1.588	381,500
1.033	Other-Existing Plant	\$	8,840	(a)	10.97%	0%	8.891	78,600
1.034	Other-New Plant	\$	0		n/a	n/a	n/a	31,800
1.035		_			~ 400/			
1.036	Administrative Expenses	\$	689,980	(a)	5.49%	0%	3.075	2,121,700
1.037	Customer Accounting & Information	\$	176,825	(a)	5.18%	0%	2.886	510,300
1.038	A S TO A STATE OF THE STATE OF		0.440.050					0.040.000
1.039	(a) FY 1991 financial statements.		2,110,050				;	6,016,600
1.040								
1.041								
1.042	Debt Service Payments							
1.043		_	407.400					_
1.044	Existing Plant	\$	487,100					0 50.074
1.045	1999 Improvements	\$	0					53,371
1.046	2003 Improvements	\$	0					326,101
1.047	2009 Improvements	\$	0					304,373
1.048	Cavin Plant	\$	487,100					1,081,101 1,764,946
1.049			407,100				:	1,104,940
1.050								
7 (15-7								

Schedule 2 Determine District Percentage Responsibility for Costs

3-16-2012

Line			Ending May 3 r FY 2013 Rate						
2.000			Whol	esale Custon	ners		OMILI	Tatal	
2.001 2.002			Southeast	West	East		OMU Retail	Total OMU	
2.003		Units	Daviess	Daviess	Daviess	Subtotal	Customers	System	
2.004 2.005									
2.006	FY 2012 System Annual Quantity	Mil. gal.					3,065		+S1.007
2.007	FY 2012 District Annual Quantity	Mil. gal.	590	450	302	1,342	+S1.010, +S	1.011, +S1.0	012
2.008 2.009	District Responsibility for Variable Expense	s	13.39%	10.21%	6.85%	30.45%	@ROUND(+	\$2.007/\$2.0	106,4)
2.010							•		. ,
2.011	District Responsibility for Fixed Costs of Existing	- Encilities							
2.012	District Responsibility for Fixed Costs of Existing	racilles							
2.014	FY 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911	+\$10.010		
2.015 2.016	FY 1989 Plant Usage (Base) District Responsibility for Fixed Costs of Ex	mgd						17.54	+\$10.021
2.017	Percent	ising racilies	, 13.56%	11.05%	3.39%	28.00%	@ROUND(+	S2.014/S2.0	115,4)
2.018							•		, ,
2.019	District Department little for Fixed Contract Evicting	- Tannomianian	Codilido						
2.020	District Responsibility for Fixed Costs of Existing	Hansmission	raciliues						
2.022	FY 2012 District Maximum Day Quantity		2.347	2.113	1.199	5.659	+S1.015, +S		
2.023	FY 2012 System Maximum Day Quantity							16.14	+S1.019
2.024 2.025	District Responsibility for Fixed Costs of Ex	istina Transmi	ssion Facilities						
2.026	Percent		14.54%	13.09%	7.43%	35.06%	@ROUND(+	S2.022/S2.0	23,4)
2.027									
2.028	District Responsibility for Fixed Costs of New Fa	acilities							
2.030									
2.031	FY 2012 System Maximum Day Quantity	mgd						16.14 17.54	+S1.019 Contract
2.032	less Base Year Plant Usage	mgd						17.54	Contract
2.034	New Plant Capacity	mgd						10.00	Input
2.035	FY 2012 New Plant Usage	mgd	d	4h					+\$2.031-\$2.032
2.036 2.037	FY 2012 New Plant Usage FY 2012 Reserve Capacity	mgd mgd	(but not less	tnan zero)				0.00 10.00	@IF(\$2.035<0,0,+\$2.035) +\$2.034-\$2.036
2.038	1 1 2012 Nosorvo Oupaony	gu						10.00	
2.039	FY 2012 Maximum Day Quantity	mgd	2.347	2.113	1.199	5.659	+S2.022		
2.040 2.041	FY 1989 District Base Quantity District Growth Quantity	mgđ mgd	2.378 (0.031)	1.939 0.174	0.594 0.605	4.911	+S10.010 +S2.039-S2.	040	
2.042	But not less than zero	mgd	0.000	0.174	0.605		@IF(S2.041		1)
2.043				4 000	4.000		015/00 000	0.015/00.0	400 0 4) 00 040/00 000
2.044 2.045	District Growth Ratio		0.000	1,000	1.000		@11(52.036=	:U,@IF(S2.U	42=0,0,1),S2.042/S2.036
2.045	Ratio District Growth Quantity / New Plant	Capacity							
2.047	•								
2.048	Factor	percent	0.00%	1.74%	6.05%		@ROUND(S	2.042/\$2.03	4,4)
2.049 2.050									
2.051	Minimum District Responsibility	percent	12.75%	8.25%	4.00%	25.00%	(a)		
2.052	District Descensibility for Fixed Cooks of No	uu Eacilitiaa							
2.053 2.054	District Responsibility for Fixed Costs of Ne Percent	w raciilles	12.75%	8.25%	6.05%	27.05%	@MAX(\$2.0	48,S2.051)	
2.055	(a) Per Contracts.						- '	,	
2.056									

3-16-2012

Schedule 3 Exhibit C for FY 2012
Transmission O&M Expense

Analysis: Proforma Charges to Wholesale Customers Fiscal Year Ending May 31, 2012
Estimate for FY 2013 Rate

Line	Estin	nate for FY 2013 Rate	3	
3.000				
	FY 2012 Annual Transmission & Distribution Expense	\$842,700	+S1.023	(a)
3,003				
3.004	Beginning of year inch-feet of transmission and distribu	ution system		
3.005				
3,006	Distribution mains (less than 8 inch)	6,771,412		
3.007				
3.008	Transmission mains (8 inch & over)	5,215,442		
3.009		44 000 054		
3.010	Total	11,986,854		
3.011	Tennesiasian medica	43.51%		
3.012	Transmission portion	43.3178		
3.013 3.014	Calculated Transmission O&M Expense	\$366,659	@BOLIND	(\$3.002*\$3.012,0)
3.015	Calculated Transmission Colvi Expense	ψοσο,σοσ	@. (COIID	(00.002 00.012,0)
3.016	Net Distribution O&M Expense	\$476,041	+S3.002-S	3.014
3.017	Not blostoddon ddin Espondo	¥ • j =		,
3.018				
3.019				
3.020				
3.021	(a) Total water trans. & dist. expense less mainter	nance of services,		
3.022	meters, hydrants and misc. plant.			
3.023				
3.024				

Rate Calculation.xls.xls

Schedule 4 Exhibit D for FY 2012 Water Supply & Treatment O&M Expense

Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010

Line			FY 2013 Rate
4.000 4.001		FY 2012	
4.002		\$	
4.003		•	
4.004	Source of Supply Expense	615,900	+S1.024
4.005			
4.006	Water Treatment		
4.007	Existing Plant		
4.008	Chemicals	250,500	+S1.026
4.009	Other	666,100	+\$1.027
4.010			
4.011	New Plant		
4.012	Chemicals	168,800	+S1.029
4.013	Other	348,700	+S1.030
4.014			
4.015	Pumping Expense		
4.016	Electric Power	381,500	+S1.032
4.017	Other-Existing Plant	78,600	
4.018	Other-New Plant	31,800	+S1.034
4.019			
4.020	Variable Expenses		
4.021	Electric Power	381,500	+S4.016
4.022	Chemicals-Existing Plant	250,500	+\$4.008
4.023	Chemicals-New Plant	168,800	
4.024	Total Variable Expenses	800,800	@SUM(S4.021S4.023)
4.025			
4.026			
4.027			
4.028			

Schedule 5 Exhibit E for FY 2012 Allocation of Revenue Bond Debt Service

Line			FY 2013 Rat	
5.000			FY 2012	
5.001				
5.002			\$	
5.003	Existing Revenue Bonds			
5.004	Annual P & I		0	+S1.044
5.005				
5.006	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	@ROUND(\$5.004*\$5.008,0)
5.009	Total	100.00%	0	+\$5,007+\$5.008
5.010				
5.011				
5.012	Debt Service on Improvements - 1999 Bonds			
5.013	Annual P & I		53,371	+S1.045
5.014	•		000.404	.04.040
5.015	Annual P & I		326,101	+\$1,046
5.016	Debt Service on Improvements - 2009 Bonds		204 272	184 047
5.017	Annual P & I		304,373	+\$1.047
5.018	Debt Service on Cavin Project		1 001 101	+S1.048
5.019	Annual P & I		1,081,101	F31.046
5.020	Allegation 4000 Improvements	(b)		
5.021	Allocation - 1999 Improvements Water Supply & Treatment	(b) 42.25%	22,549	@ROUND(\$5.013*\$5.022,0)
5.022	Transmission Mains	42.25% 57.75%	30,822	@ROUND(\$5.013*\$5.023,0)
5.023 5.024	Total	100.00%	53,371	+\$5.022+\$5.023
5.024	Total	100.0070	00,07 1	100.022.00.020
5.026	Allocation - 2003 Improvements	(b)		
5.027	Water Supply & Treatment	47.74%	155,681	@ROUND(\$5.015*\$5.027,0)
5.028	Transmission Mains	52.26%	170,420	•
5.029	Total	100.00%	326,101	+\$5,027+\$5,028
5.030	1000			
5.031	Allocation - 2009 Improvements	(c)		
5.032	Water Supply & Treatment	59.11%	179,915	@ROUND(\$5.017*\$5.032,0)
5.033	Transmission Mains	9.60%	29,220	@ROUND(\$5.017*\$5.033,0)
5.034	General Plant	31.29%	95,238	@ROUND(\$5.017*\$5.034,0)
5.035	Total	100.00%	304,373	+\$5,032+\$5,033+\$5,034
5.036				
5.037	Debt Service Summary			
5.038	Existing Treatment Facility		358,145	+S5.007+S5.022+S5.027+S5.032
5.039	New Treatment Facility		1,081,101	+\$5.019
5.040	Transmission Facilities		230,462	+S5.008+S5.023+S5.028+S5.033
5.041	General Plant		95,238	
5.042		-	1,764,946	+\$5.038+\$5.039+\$5.040+\$5.041
5.043	(a) Exhibit E, Contract			
5.044	(b) Based on dollars spent on improvements,	per Water C	Construction F	und schedule.
5.045	(c) Based on estimated dollars to be spent on	improveme	nts, per Jim C	Grise.
5.046				

Schedule 6 Exhibit F for FY 2012

Allocation of Admin. and General Expenses

Line	Esti	nate for FY 2013 Rate	•
6.000		FY 2012	
6.001		\$	
6.002 6.003		Ψ	
6.004	Administrative and General Expenses	2,121,700	+S1.036
6.005	/ tariminos data data data data data data data dat	•	
6.006	Basis of Allocation = Supervised Expenses (b)		
6.007	Existing Treatment Facility	1,360,600	+\$4.004+\$4.009+\$4.017
6.008			
6.009	New Treatment Facility	380,500	+\$4.013+\$4.018
6.010		000.050	102.044
6.011	Transmission System	366,659	+\$3.014
6.012	Distribution Contains	476,041	+S3.016
6.013	Distribution System	470,041	*33.010
6.014 6.015	Customer Accounting & Information	510,300	+\$1.037
6.016	Customer Accounting & Intermediation	010,000	70 1100
6.017	Total Above	3,094,100	@SUM(S6.007S6.015)
6.018	,	• •	,
6.019	Allocation Of Admin. & Gen. Expense		
6.020	Existing Treatment Facility	932,997	@ROUND(+S6.004*S6.007/S6.017,0)
6.021			
6.022	New Treatment Facility	260,918	@ROUND(+\$6.004*\$6.009/\$6.017,0)
6.023		054 407	ODOLINO: 00 004*00 044 (00 047 0)
6.024	Transmission System	251,427	@ROUND(+\$6.004*\$6.011/\$6.017,0)
6.025	Distribution Oceano	326,433	@ROUND(+S6.004*S6.013/S6.017,0)
6.026	Distribution System	320,433	@ROUND(+38.554 35.513/36.517,0)
6.027 6.028	Customer Accounting & Information	349,925	@ROUND(+S6.004*S6.015/S6.017,0)
6.029	Customer Accounting & Information	040,020	@. 100115(. 00.00)
6.030	Total Above	2,121,700	@SUM(S6.020S6.028)
6.031		.,	
6.032	(b) Excludes expenses which vary with the quant	ity of water produced.	

7.007 7.008 Replacements & Improvements 7.009 7.010 Admin. & General Expense 7.011 7.012 Total Existing Treatment Facility Fixed Costs 7.013 7.014 7.015 New Treatment Facility Fixed Costs 7.016 7.017 Debt Service 7.018 7.019 O&M Expense 7.021 Replacements & Improvements 7.022 7.023 Admin. & General Expense 7.024 7.025 Total New Treatment Facility Fixed Costs 7.026 7.027 Transmission Facility Fixed Costs 7.028 Debt Service 7.030 O&M Expense 7.031 7.032 Replacements & Improvements 7.033 Replacements & Improvements 7.033 Replacements & Improvements 7.034 Admin. & General Expense 7.035 7.035 7.036 7.037 7.037 7.037 7.038 7.039 7.030 Admin. & General Expense 7.031 7.031 7.032 Replacements & Improvements 7.033 7.034 Admin. & General Expense 7.035 7.035	Estimate for FY 2013 Rate
7.002	FY 2012
7.003 Existing Treatment Facility Fixed Costs 7.004 Debt Service 7.005 7.006 7.006 7.007 7.008 Replacements & Improvements 7.009 7.010 Admin. & General Expense 7.011 7.012 Total Existing Treatment Facility Fixed Costs 7.014 7.015 New Treatment Facility Fixed Costs 7.017 Debt Service 7.018 7.019 O&M Expense 7.020 Replacements & Improvements 7.019 O&M Expense 7.010 Admin. & General Expense 7.011 7.012 Total Existing Treatment Facility Fixed Costs 7.013 7.014 7.015 New Treatment Facility Fixed Costs 7.016 7.017 Debt Service 1.081,101 +S5.039 7.020 Replacements & Improvements 299,625 +S7.049 7.021 Replacements & Improvements 299,625 +S7.049 7.022 7.023 Admin. & General Expense 260,918 +S6.022 7.024 7.025 Total New Treatment Facility Fixed Costs 7.026 7.027 Transmission Facility Fixed Costs 7.028 Debt Service 230,462 +S5.040 7.030 O&M Expense 7.030 O&M Expense 7.031 7.032 Replacements & Improvements 197,786 +S7.053 7.033 7.034 Admin. & General Expense 251,427 +S6.024 7.035 7.036 Total Transmission Facility Fixed Costs 7.037 7.038 O&M Expense 7.039 O&M Expense 7.030 O&M Expense 7.031 Admin. & General Expense 7.032 Admin. & General Expense 7.033 O&M Expense 7.034 Admin. & General Expense 7.035 Total Transmission Facility Fixed Costs 7.036 Total Transmission Facility Fixed Costs 7.037	\$
7.006 O&M Expense 1,360,600 +\$4.004+\$4.009+\$4. 7.007 7.008 Replacements & Improvements 106,515 +\$7.045 7.009 7.010 Admin. & General Expense 932,997 +\$6.020 7.011 7.012 Total Existing Treatment Facility Fixed Costs 2,758,257 @SUM(\$7.004\$7.0 7.013 7.014 7.015 New Treatment Facility Fixed Costs 7.016 7.017 Debt Service 1,081,101 +\$5.039 7.018 7.019 O&M Expense 380,500 +\$4.013+\$4.018 7.020 7.021 Replacements & Improvements 299,625 +\$7.049 7.022 7.023 Admin. & General Expense 260,918 +\$6.022 7.024 7.025 Total New Treatment Facility Fixed Costs 2,022,144 @SUM(\$7.017\$7.027 7.026 7.027 Transmission Facility Fixed Costs 230,462 +\$5.040 7.030 O&M Expense 366,659 +\$3.014 7.031 Replacements & Improvements 197,786 +\$7.053 7.032 Replacements & Improvements 197,786 +\$7.053 7.033 Admin. & General Expense 251,427 +\$6.024 7.035 Total Transmission Facility Fixed Costs 1,046,334 @SUM(\$7.028\$7.0	358,145 +\$5.038
7.008 Replacements & Improvements 7.009 7.010 Admin. & General Expense 7.011 7.011 7.012 Total Existing Treatment Facility Fixed Costs 7.013 7.014 7.015 New Treatment Facility Fixed Costs 7.016 7.017 Debt Service 7.018 7.019 O&M Expense 7.020 7.021 Replacements & Improvements 7.022 7.023 Admin. & General Expense 7.024 7.025 Total New Treatment Facility Fixed Costs 7.026 7.027 Transmission Facility Fixed Costs 7.028 Debt Service 7.030 O&M Expense 7.031 7.032 Replacements & Improvements 7.033 Replacements & Improvements 7.034 Admin. & General Expense 7.035 Debt Service 7.036 Total New Treatment Facility Fixed Costs 7.037 7.038 Debt Service 7.039 Admin. & General Expense 7.030 O&M Expense 7.031 Replacements & Improvements 7.032 Replacements & Improvements 7.033 Replacements & Improvements 7.034 Admin. & General Expense 7.035 Total Transmission Facility Fixed Costs 7.036 Total Transmission Facility Fixed Costs 7.036 Total Transmission Facility Fixed Costs 7.036 SUM(S7.028.S7.0	1,360,600 +\$4.004+\$4.009+\$4.017
7.010 Admin. & General Expense 932,997 +\$6.020 7.011 7.012 Total Existing Treatment Facility Fixed Costs 2,758,257 @SUM(S7.004S7.07.013 7.014 7.015 New Treatment Facility Fixed Costs 7.016 7.017 Debt Service 1,081,101 +\$5.039 7.018 7.019 O&M Expense 380,500 +\$4.013+\$4.018 7.020 7.021 Replacements & Improvements 299,625 +\$7.049 7.022 7.023 Admin. & General Expense 260,918 +\$6.022 7.024 7.025 Total New Treatment Facility Fixed Costs 2,022,144 @SUM(S7.017S7.07.012 7.026 7.027 Transmission Facility Fixed Costs 7.028 Debt Service 230,462 +\$5.040 7.029 7.030 O&M Expense 366,659 +\$3.014 7.031 7.031 Replacements & Improvements 197,786 +\$7.053 7.033 Replacements & Improvements 251,427 +\$6.024 7.035 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(S7.028S7.07.028S7.07.028 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(S7.028S7.07.028S7.07.028S7.08	106,515 +\$7.045
7.012 Total Existing Treatment Facility Fixed Costs 7.013 7.014 7.015 New Treatment Facility Fixed Costs 7.016 7.017 Debt Service 7.018 7.019 O&M Expense 7.020 7.021 Replacements & Improvements 7.022 7.023 Admin. & General Expense 7.024 7.025 Total New Treatment Facility Fixed Costs 7.026 7.027 Transmission Facility Fixed Costs 7.028 7.030 O&M Expense 7.031 7.031 7.032 Replacements & Improvements 7.033 7.034 Admin. & General Expense 7.035 7.035 7.036 Total Transmission Facility Fixed Costs 7.037 7.038 7.039 Total Transmission Facility Fixed Costs 7.030 O&M Expense 7.031 7.032 Replacements & Improvements 7.033 Admin. & General Expense 7.035 7.036 Total Transmission Facility Fixed Costs 7.037 7.038 7.037 7.038 7.038 7.039 Total Transmission Facility Fixed Costs 7.039 O&M Expense 7.030 O&M Expense 7.031 O&M Expense 7.032 O&M Expense 7.033 O&M Expense 7.034 Admin. & General Expense 7.035 Total Transmission Facility Fixed Costs 7.036 Total Transmission Facility Fixed Costs 7.036 O&M Expense 7.037 7.038 O&M Expense 7.039 O&M Expense 7.039 O&M Expense 7.030 O&M Expense 7.031 O&M Expense 7.032 O&M Expense 7.033 O&M Expense 7.034 O&M Expense 7.035 O&M Expense 7.036 O&M Expense 7.036 O&M Expense 7.037 7.038 O&M Expense 7.039 O&M Expense 7.039 O&M Expense 7.030 O&M Expense 7.031 O&M Expense 7.032 O&M Expense 7.033 O&M Expense 7.034 O&M Expense 7.035 O&M Expense 7.036 O&M Expense 7.037 O&M Expense 7.038 O&M Expense 7.039 O&M Expense 7.039 O&M Expense 7.030 O&M Expense 7.030 O&M Expense 7.030 O&M Expense 7.030 O&M Expense 7.031 O&M Expense 7.032 O&M Expense 7.033 O&M Expense 7.034 O&M Expense 7.035 O&M Expense 7.036 O&M Expense 7.037 O&M Expense 7.038 O&M Expense 7.039 O&M Expense 7.039 O&M Expense 7.030 O	932,997 +S6.020
7.015 New Treatment Facility Fixed Costs 7.016 7.017 Debt Service 1,081,101 +S5.039 7.018 7.019 O&M Expense 380,500 +S4.013+S4.018 7.020 7.021 Replacements & Improvements 299,625 +S7.049 7.022 7.023 Admin. & General Expense 260,918 +S6.022 7.024 7.025 Total New Treatment Facility Fixed Costs 2,022,144 @SUM(S7.017S7.027.028 7.026 7.027 Transmission Facility Fixed Costs 7.028 Debt Service 230,462 +S5.040 7.029 7.030 O&M Expense 366,659 +S3.014 7.031 7.032 Replacements & Improvements 197,786 +S7.053 7.033 7.034 Admin. & General Expense 251,427 +S6.024 7.035 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(S7.028S7.0	osts 2,758,257 @SUM(S7.004S7.010)
7.017 Debt Service 1,081,101 +S5.039 7.018 7.019 O&M Expense 380,500 +S4.013+S4.018 7.020 7.021 Replacements & Improvements 299,625 +S7.049 7.022 7.023 Admin. & General Expense 260,918 +S6.022 7.024 7.025 Total New Treatment Facility Fixed Costs 2,022,144 @SUM(S7.017S7.00) 7.026 7.027 Transmission Facility Fixed Costs 7.028 Debt Service 230,462 +S5.040 7.029 7.030 O&M Expense 366,659 +S3.014 7.031 7.032 Replacements & Improvements 197,786 +S7.053 7.033 7.034 Admin. & General Expense 251,427 +S6.024 7.035 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(S7.028S7.0)	
7.019 O&M Expense 380,500 +\$4.013+\$4.018 7.020 7.021 Replacements & Improvements 299,625 +\$7.049 7.022 7.023 Admin. & General Expense 260,918 +\$6.022 7.024 7.025 Total New Treatment Facility Fixed Costs 2,022,144 @SUM(\$7.017\$7.000) 7.026 7.027 Transmission Facility Fixed Costs 7.028 Debt Service 230,462 +\$5.040 7.029 7.030 O&M Expense 366,659 +\$3.014 7.031 7.032 Replacements & Improvements 197,786 +\$7.053 7.033 7.034 Admin. & General Expense 251,427 +\$6.024 7.035 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(\$7.028\$7.0	1,081,101 +\$5.039
7.021 Replacements & Improvements 299,625 +\$7.049 7.022 7.023 Admin. & General Expense 260,918 +\$6.022 7.024 7.025 Total New Treatment Facility Fixed Costs 2,022,144 @SUM(\$7.017\$7.02 7.026 7.027 Transmission Facility Fixed Costs 7.028 Debt Service 230,462 +\$5.040 7.029 7.030 O&M Expense 366,659 +\$3.014 7.031 7.032 Replacements & Improvements 197,786 +\$7.053 7.033 7.034 Admin. & General Expense 251,427 +\$6.024 7.035 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(\$7.028\$7.0	380,500 +\$4.013+\$4.018
7.023 Admin. & General Expense 260,918 +\$6.022 7.024 7.025 Total New Treatment Facility Fixed Costs 2,022,144 @SUM(\$7.017\$7.037 7.026 7.027 Transmission Facility Fixed Costs 7.028 Debt Service 230,462 +\$5.040 7.029 7.030 O&M Expense 366,659 +\$3.014 7.031 7.032 Replacements & Improvements 197,786 +\$7.053 7.033 7.034 Admin. & General Expense 251,427 +\$6.024 7.035 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(\$7.028\$7.0	299,625 +\$7.049
7.025 Total New Treatment Facility Fixed Costs 2,022,144 @SUM(\$7.017\$7.027.027 Transmission Facility Fixed Costs 7.028 Debt Service 230,462 +S5.040 7.029 7.030 O&M Expense 366,659 +S3.014 7.031 7.032 Replacements & Improvements 197,786 +S7.053 7.033 7.034 Admin. & General Expense 251,427 +S6.024 7.035 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(\$7.028\$7.0	260,918 +\$6.022
7.027 Transmission Facility Fixed Costs 7.028 Debt Service 230,462 +S5.040 7.029 7.030 O&M Expense 366,659 +S3.014 7.031 7.032 Replacements & Improvements 197,786 +S7.053 7.033 7.034 Admin. & General Expense 251,427 +S6.024 7.035 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(S7.028.S7.0.)	2,022,144 @SUM(S7.017S7.023)
7.030 O&M Expense 366,659 +S3.014 7.031 7.032 Replacements & Improvements 197,786 +S7.053 7.033 7.034 Admin. & General Expense 251,427 +S6.024 7.035 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(S7.028.S7.0	230,462 +S5.040
7.032 Replacements & Improvements 197,786 +\$7.053 7.033 7.034 Admin. & General Expense 251,427 +\$6.024 7.035 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(\$7.028.\$7.0	366,659 +S3.014
7.034 Admin. & General Expense <u>251,427</u> +\$6.024 7.035 7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(S7.028S7.0	197,786 +S7.053
7.036 Total Transmission Facility Fixed Costs 1,046,334 @SUM(S7.028S7.0	<u>251,427</u> +S6.024
	1,046,334 @SUM(S7.028S7.034)
7.038 Variable Expenses 7.039 Total Amount 800,800 +\$4.024	800,800 +\$4.024
7.040	
7.041 Plant Investment as of May 31, 2011:	
7.042 Existing Treatment Facilities 7.043 Existing/Additions (a) 6,909,381 1.25% 86,3	(a) 6.909.381 1.25% 86,367
7,040 Existing/ totals/10	
7.044 Cathir foloat improvements	· · · · · · · · · · · · · · · · · · ·
7,046 New Treatment Facilities	91-11
	(a) 752,463 1.25% 9,406
	(a) 23,217,545 1.25% 290,219
	23,970,008 299,625
7.050 Transmission Facilities	
	(a) 13,367,462 1.25% 167,093
7.052 Cavin Project Improvements (a) 2,455,475 1.25% 30,6	
7.053 15,822,937 197,7	
7.054	A MEN of Providence
7.055 (a) Contributions to R&R Fund for FY 2012 were 1.25% of Plant Investment,	e 1.25% of Plant Investment,
7.056 excluding land. Distribution Plant and General Plant are excluded from 603,8 7.057 Water District cost allocations.	eral Plant are excluded from 603,926

3-16-2012

Schedule 8 Exhibit H for FY 2012

Development of Charges to Districts

Line			Ending May 3 r FY 2013 Rat				
8.000	•	Total	Who	lesale Custor	mers		
8.002		System	Southeast	West	East	-	
8.003		Costs	Daviess	Daviess	Daviess	Subtotal	
8.004							
8.005	Existing Treatment Facility						
8.006 8.007	Existing Treatment Facility Total Costs	\$2,758,257	+S7.012				
8.008	Total Costs	\$2,756,257	+57.012				
8.009	District Responsibility						
8.010	Percent		13.56%	11.05%	3.39%	28.00%	+\$2.017
8.011	Amount		\$374,020	\$304,787	\$93,505	\$772,312	@ROUND(S8.007*S8.010,0)
8.012							
8.013							
8.014	New Treatment Facility						
8.015 8.016	Total Costs	\$2,022,144	+S7.025				
8.017	District Responsibility						
8.018	Percent		12.75%	8.25%	6.05%	27.05%	+\$2.054
8.019	Amount		\$257,823	\$166,827	\$122,340	\$546,990	@ROUND(S8.015*S8.018,0)
8.020			,	, ,	,		G. 10 0110 (0 010 10 00.0 10,0)
8.021							
8.022	Transmission Facilities						
8.023	Total Costs	\$1,046,334	+S7.036				
8.024 8.025	District Responsibility						
8.026	District Responsibility Percent		14.54%	13.09%	7.43%	35.06%	+S2.026
8.027	Amount		\$152,137	\$136,965	\$77,743	\$366,845	@ROUND(S8.023*S8.026,0)
8.028	7 through		ψ102, 10 <i>1</i>	\$ 100,000	ψ/1,140	4000,040	@1\00\12\00\023\36.020,0)
8.029							
8.030	Variable Expenses						
8.031	Total Costs	\$800,800	+\$7.039				
8.032							
8.033	District Responsibility		40.000/	40.040	0.050/	00 4501	
8.034 8.035	Percent Amount		13.39%	10.21% \$81,762	6.85% \$54,855	30.45%	+\$2.009
8.036	Amount		\$107,227	Φ01,702	φ υ4 ,συυ	\$243,844	@ROUND(S8.031*S8.034,0)
8.037							
8.038	Total Prior Year True-Up Adustment		(\$188,422)	(\$63,297)	(\$76,570)	(\$328,289)	
8.039	Unrecovered True-Up Charges		\$164,215	\$78,556	\$83,327	\$326,098	
8.040	True-Up Adjustment This Period		(\$24,207)	\$15,259	\$6,757	(\$2,191)	
8.041	Talat Olassa da Di atala da Dicente						
	Total Charges to Districts for FY 2012		\$867,000	\$705,600	\$355,200	\$1,927,800	+\$8.011+\$8.019+\$8.027+\$8.035+\$8.038
8.043 8.044							
	Effective Unit Charge						
8.046	Existing Treatment Facility		\$0.647	\$0.691	\$0,316	\$0.587	@ROUND(+S8.011/(1000*S9.008),3)
8.047	New Treatment Facility		\$0.446	\$0.378	\$0.413	\$0.416	@ROUND(+S8.019/(1000*S9.008),3)
8.048	Transmission Facilities		\$0.263	\$0.311	\$0.263	\$0.279	@ROUND(+S8.027/(1000*S9.008),3)
8.049	Variable Expenses		\$0.186	\$0.185	\$0.185	\$0.185	@ROUND(+S8.035/(1000*S9.008),3)
8.050	Prior Year Trueup		(\$0.042)	\$0.035	\$0.023	(\$0.002)	@ROUND(+\$8.038/(1000*\$9.008),3)
8.051			m4 F00	04.000	A. 22 5	44.405	0.0000000000000000000000000000000000000
8.052			\$1.500	\$1.600	\$1.200	\$1.466	@SUM(S8.044S8.049)
8.053							

Schedule 9 Effective Unit Rate

Line	Estimate for			FY 2013 Rate				
9.000			Who	lesale Custon	ners			
9.001 9.002				Southeast	West	East		
9.003				Daviess	Daviess	Daviess	Subtotal	
9.004 9.005			-				**************************************	
9.005	Sales, FY 1991		Mil. gal	521	338	151	1,010	+\$10.027
9.007	Growth Factor		-	1.109	1.304	1.961		\$1.010 through \$1.012
9.008	Sales, FY 2012		Mil. gal	578	441	296	1,315	@ROUND(S9.006*S9.007,0)
9.009								
9.010	Total FY 2012 Charge	s		\$867,000	\$705,600	\$355,200	\$1,927,800	+\$8.040
9.011						-4.000	54 400	CDCI WD7 - DC C4D7/4000+00 0001 61
9.012	Effective unit cost (pe	r 1000 gallons)		\$1.500	\$1.600	\$1.200	\$1.466	@ROUND(+S9.010/(1000*S9.008),3)
9.013	mark miner and to fine	Sanal						
9.014	Rate Floor - set in firs	•		Ø4 1 4 Q	\$1.213	\$1.148	\$1,170	(Per Contracts)
9.015	operation of New T	reatment Facility		\$1.148	\$1.213	φ1.1 4 0	\$1.170	(Per Contracts)
9.016 9.017	WATER RATES effect	tive June 1, 2012		\$1.500	\$1.600	\$1.200	\$1,466	@MAX(+S9.012,+S9.015)
9.018	TEATER TOTAL CHICK	are outle 1, 2012		V555	******	* * * * * * * * * * * * * * * * * * *	4	@, · · · · · · · · · · · · · · · ·
9.019		Effective Rate Over	(Under) Floor	\$0.352	\$0.387	\$0.052		
9.020			()					
9.021								
9.022	Current Rates (per 10	00 gallons) - effective	6-1-2011	\$1.500	\$1.650	\$1.360		
9.023	Increase (Decrease	e)		\$0.000	(\$0.050)	(\$0.160)		
9.024	Percent Increase (Dec	crease)		0.0%	-3.0%	-11.8%		
9.025								

Schedule 10 FY 1989 Base Year and FY 1991 District and System Data

10.067

Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010

Line		250111000 707		-						
10.000		_	Who	lesale Custor	mers			OMU	Total	
10.001			Southeast	West		East		Retail	OMU	
10.002		Units	Daviess	Daviess		Daviess	Subtotal	Customers	System	
10.004										
	Data for Base Year FY 1989									
10.006	Data ioi Dato i oui i i i i i i									
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		7.48*S10.013,0)		
10.015	Average Day	mgd	1.38	0.94		0.43	+\$10.014/36			
10.016	Ratio Max to Average Day		1.69	2.02		1.35	+S10.008/S	10.015		
10.017										
10.018								mad	17.90	(0)
10.019	Average of System 5 maximum day deman	as						mgd	2%	(a)
10.020	Allowance for filter wash water	ca vear plant i	rcade)					mgd	17.54	@ROUND(+\$10.019*(1-\$10.020),2)
10.021 10.022	Adj. System 5 Maximum Day Demands (Ba	se year plant t	isage)					mgu.	11.04	(@1100115(10101010101010101010101)
10.022										
10.024										
	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		ŭ			(c)					
10.029	Average of 5 Maximum Day Demands	mgd	1.95	1.35		0.60	@ROUND(S	\$10.033 * \$10.027	7365,3)	
10.030	-									
10.031	For Information Only									
10.032	Average Day	mgd	1.427	0.926		0.414	+\$10.027/36			
10.033	Ratio Max to Average Day		1.37	1.46		1.45	+S10.029/S	10.032	1.41	<< Ave SE & W
10.034				-01		~ 01	P . P 4 4			
10.035	Allowance for Transmission Losses		2%	2%		2%	Estimated			
10.036										
	Data Adjusted for Water Losses									
	District Data:	Mil. gal.	532	345		154	@BOLIND(S10.027/(1-S10	035) 0)	
10.039	Annual Water Sales	mgd	1.990	1.378		0.612		S10.029/(1-S10		
10.040	Average of 5 Maximum Day Demands	nigu	1.330	1.070		0.012	@1100112(.000,07	
10.041	Total System Data:									
10.042	Total System Data: Average of 5 Maximum Day Demands							mgd	17.26	(a)
10.043	Filter wash water							mgd	0.35	@ROUND(0.02*\$10.043,2)
10.045	Adj. 5 Max. Day Demands							mgd	16.91	+\$10.043-\$10.044
10.046	ray, o man bay bomanab							•		
10.047										
10.048	Total treated water							Mil. gal.	4,944	@ROUND(660.9*7.48,0)
10.049	Filter wash water							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				(h) Tatal sub-	.1	la lana Co	wathaaat Davi	one and Most De	vione	
10.054	(a) Source: OMU staff tabulation dated 8-19	9-91						ess and West Da	iviess.	
10.055	May, 1991 Financial Statement			(c) Amount p ratios of th						
10.056				ratios or th	ie ou	ilei distric	,			
10.057	/d) East Davison and E day may day damand									
	(d) East Daviess est 5 day max day demand FY 1989 Annual Sales	Million cf	21.02	<< OMU me	onth	v listina o	f district sales	•		
10.059 10.060	FY 1989 Annual Sales FY 1989 Annual Sales	Mil. gal.	157.2	@ROUND(
10.060	Average day demand	mgd	0.431	@ROUND(
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										

3/16/2012 6:00 PM

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

Fiscal	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%		308,795	\$1.360		\$396,189	\$23,772
FY 2010	%00.0	299,000	291,304	\$1.360		\$334,417	\$61,756
FY 2011	0.00%		302,172	\$1.360	\$410,953	\$352,677	\$58,276
Totals to Date		1,540,000	1,529,575		\$1,979,460	\$1,902,890	\$76,570

Schedule 1 FY 2011 Billing Determinants

Line

Line		11102-01	JALOOLA IIOI	•				
1.000 1.001 1.002			FY 1991 Amount	FY 1991 Reference	Inflation Factor	Growth Factor	Calculated Growth Factor	FY 2011 Amount
1.003							20	
1.004	Mater System Demands and Hoogs						Years	
1.005 1.006	Water System Demands and Usage						Icais	
1.007	System Annual Quantity	Mil. Gal.	4,846	+\$10.050	0%	-0.45%	0.915	4,432
1.008	District Assessed Oceantific							
1.009	District Annual Quantity Southeast Daviess	Mil. Gal.	532	+\$10,039	0%	0.72%	1.154	614
1.010 1.011	West Daviess	Mil. Gal.	345	+\$10.039	0%	1,48%	1.342	463
1.012	East Daviess	Mil. Gal.	154	+S10.039	0%	3.53%	2.000	308
1.012	Last Daviess	m. oa.	104			0.00.0		
1.013	Maximum Day Quantity							
1.015	Southeast Daviess	mgd	1.990	+\$10.040	0%	1.16%	1.259	2.505
1.016	West Daviess	mgd	1.378	+\$10.040	0%	1.94%	1.467	2.022
1.017	East Daviess	mgd	0.612	+\$10.040	0%	3.79%	2.103	1.287
1.018		•						
1.019	System Maximum Day Quantity	mgd	16.91	+S10.045	0%	-0.24%	0.953	16.12
1.020	•	•						
1.021	Operation and Maintenance Expense							
1.022								
1.023	Transmission and Dist. Expense	\$	269,521	(a)	5.31%	0%	2.813	758,080
1.024	Source of Supply Expense	\$	121,068	(a)	7.44%	0%	4.204	508,989
1.025	Existing Treatment Plant Expense							
1.026	Chemicals	\$	198,132	(a)	2.55%	-0.45%	1.516	300,410
1.027	Other	\$	405,493	(a)	1.99%	0%	1.484	601,569
1.028	New Treatment Plant Expense							
1.029	Chemicals	\$	0		n/a	n/a	n/a	102,768
1.030	Other	\$	0		n/a	n/a	n/a	290,581
1.031	Pumping Expense							
1.032	Electric Power	\$	240,191	(a)	2.81%	-0.45%	1.595	383,123
1.033	Other-Existing Plant	\$	8,840	(a)	9.69%	0%	6.363	56,247
1.034	Other-New Plant	\$	0		n/a	n/a	n/a	31,179
1.035	_	_		4.3	5 400/	004	0.075	4 000 704
1.036	Administrative Expenses	\$	689,980	(a)	5.42%	0%	2.875	1,983,764
1.037	Customer Accounting & Information	\$	176,825	(a)	5.04%	0%	2.674	472,879
1.038	(a) FM 4004 Farmain minimum 44		2 440 050					5,489,589
1.039	(a) FY 1991 financial statements.		2,110,050	:				3,408,308
1.040								
1.041	Publication Barragata							
1.042	Debt Service Payments							
1.043	The transfer of	œ.	487,100					0
1.044	Existing Plant	\$ \$	487,100					50,004
1.045	1999 Improvements	\$ \$	0					321,914
1.046	2003 Improvements		0					304,330
1.047	2009 Improvements	\$ \$	0					1,089,141
1.048	Cavin Plant	Ψ	487,100	-				1,765,389
1.049			437,100	=				
1.050								
1.051								

Schedule 2 Determine District Percentage Responsibility for Costs

Line

Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010

Line		INUE-OF CA	LCOLMINION						
2.000			Whol	esale Custon	ners		OM	Takal	
2.001				164	F4		OMU	Total	
2.002			Southeast	West	East		Retail	OMU	
2.003		Units	Daviess	Daviess	Daviess	Subtotal	Customers	System	
2.004									
2.005									
2.006	FY 2011 System Annual Quantity	Mil. gal.					3,047	4,432	+S1.007
2.007	FY 2011 District Annual Quantity	Mil. gal.	614	463	308	1,385	+S1.010, +S	1.011, +\$1.0	012
2.008	, , , , , , , , , , , , , , , , , , , ,	J					·	•	
2.009	District Responsibility for Variable Expense		13.85%	10.45%	6.95%	31.25%	@ROUND(+	S2.007/S2.0	06.4)
2.010	District (Caponsibility for Variable Expense		10.0070	10,4070	0.00.0		G. 100112(02.007702.0	00(1)
2.011	District Design of the Control Control of Friedrick	- F191							
	District Responsibility for Fixed Costs of Existing	racimes							
2.013				4 000	0.504	4.044	.040.040		
	FY 1989 District Base Quantity	mgď	2.378	1.939	0.594	4.911	+S10.010		
	FY 1989 Plant Usage (Base)	mgd						17.54	+\$10.021
2.016	District Responsibility for Fixed Costs of Ex	isting Facilities							
2.017	Percent		13.56%	11.05%	3,39%	28.00%	@ROUND(+	S2.014/S2.0	115,4)
2.018									
2.019									
2.020	District Responsibility for Fixed Costs of Existing	Transmission	Facilities						
2.021									
2.022	FY 2011 District Maximum Day Quantity		2.505	2.022	1.287	5.814	+S1.015, +S	1.016, +\$1.0	017
2.023	FY 2011 System Maximum Day Quantity								+S1.019
2.024	1 . 20								
2.025	District Responsibility for Fixed Costs of Ex	istina Transmis	sion Facilities						
2.026	Percent	adding manorine	15.54%	12.54%	7.98%	36.06%	@ROUND(+	S2.022/S2.0	23.4)
2.020	reiceit		10.5470	12.0470	1.0070	00:0070	(B), (OO), (15)	OL:OLD OL:O	20,4)
2.028	District December 11 to City of Contract Name Co	a a tilat a a							
	District Responsibility for Fixed Costs of New Fa	acilities							
2.030								40.40	.04.040
2.031	FY 2011 System Maximum Day Quantity	mgd							+S1.019
2.032	less Base Year Plant Usage	mgd						17.54	Contract
2.033									
2.034	New Plant Capacity	mgd						10.00	Input
2.035	FY 2011 New Plant Usage	mgd						(1.42)	
2.036	FY 2011 New Plant Usage	mgd	(but not less	than zero)				0.00	@IF(S2.035<0,0,+S2.035)
2.037	FY 2011 Reserve Capacity	mgd						10.00	+S2.034-S2.036
2.038	•	-							
2.039	FY 2011 Maximum Day Quantity	mgd	2.505	2.022	1.287	5.814	+S2.022		
2.040	FY 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911	+S10.010		
2.041	District Growth Quantity	mgd	0.127	0.083	0.693		+S2.039-S2	040	
	But not less than zero	mgd	0.127	0.083	0.693			<0,0,+S2.04	1)
2.042	But not less than zero	ingu	0.121	0.000	0.000		(UZ.047	10,0,102.04	"
2.043			4 000	4 000	4 000		AIE/CO OOC-	-0 @IE/CO 0	40-0 0 4) CO 040/CO 02C
2.044	District Growth Ratio		1.000	1.000	1.000		@17(52.036	-U,@IF(32.U ²	42=0,0,1),S2.042/S2.036
2.045									
2.046	Ratio District Growth Quantity / New Plant	Capacity							
2.047									
2.048	Factor	percent	1.27%	0.83%	6.93%		@ROUND(S	\$2.042/\$2.03	4,4)
2.049									
2.050									
2.051	Minimum District Responsibility	percent	12.75%	8.25%	4.00%	25.00%	(a)		
2.052	, .								
2.053	District Responsibility for Fixed Costs of Ne	w Facilities							
2.054	Percent		12.75%	8.25%	6.93%	27.93%	@MAX(S2.0	48,S2.051)	
2.055	(a) Per Contracts.					,-	- 1	. ,	
2.056	(a) i oi oondaots.								
۵.000									

Schedule 3 Exhibit C for FY 2011 Transmission O&M Expense

3.024

Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010

3-16-2012

Analysis: Proforma Charges to Wholesale Customers

Fiscal Year Ending May 31, 2011 TRUE-UP CALCULATION

Line 3.000 3.001 \$758,080 +\$1.023 (a) 3.002 FY 2011 Annual Transmission & Distribution Expense 3.003 3.004 Beginning of year inch-feet of transmission and distribution system 3.005 6,736,118 Distribution mains (less than 8 inch) 3.006 3.007 Transmission mains (8 inch & over) 5,211,052 3,008 3.009 11,947,170 3.010 Total 3.011 43.62% Transmission portion 3.012 3.013 \$330,674 @ROUND(\$3.002*\$3.012,0) 3.014 Calculated Transmission O&M Expense 3.015 Net Distribution O&M Expense \$427,406 +S3.002-S3.014 3.016 3.017 3.018 3.019 3.020 3.021 (a) Total water trans. & dist. expense less maintenance of services, meters, hydrants and misc. plant. 3.022 3.023

Line		TRUE-UP CA	ALCULATION
4.000		FY 2011	
4.001		\$	
4.002		Φ	
4.003		500,000	104.004
	Source of Supply Expense	508,989	+\$1.024
4.005			
	Water Treatment		
4.007	Existing Plant	200 440	P64 006
4.008	Chemicals	300,410	+\$1.026
4.009	Other	601,569	+S1.027
4.010			
4.011	New Plant	400.700	104 000
4.012	Chemicals	102,768	+\$1.029
4.013	Other	290,581	+\$1.030
4.014			
	Pumping Expense	202.102	.04.000
4.016	Electric Power	383,123	+\$1.032
4.017	Other-Existing Plant	56,247	
4.018	Other-New Plant	31,179	+S1.034
4.019			
4.020	Variable Expenses		
4.021	Electric Power	383,123	+\$4.016
4.022	Chemicals-Existing Plant	300,410	+\$4.008
4.023	Chemicals-New Plant	102,768	
4.024	Total Variable Expenses	786,301	@SUM(S4.021S4.023)
4.025			
4.026			
4.027			
4.028			

Schedule 5 Exhibit E for FY 2011 Allocation of Revenue Bond Debt Service

S	Line			LCULATION	
South Sout				EV 2011	
Solid				F1 2011	
5.004				\$	
Substitute	5.003	Existing Revenue Bonds			
Allocation - Existing Revenue Bonds Ca	5.004	Annual P & I		0	+S1.044
Source Water Supply & Treatment 66 28% 0	5.005				
Transmission Mains 33.72% 0	5.006				
Total 100.00% 0 +\$5.007+\$5.008 Total 100.00% 0 +\$5.007+\$5.008 New Revenue Bonds Debt Service on Improvements - 1999 Bonds Annual P & I 50,004 +\$1.045 Debt Service on Improvements - 2003 Bonds Annual P & I 50,004 +\$1.046 Debt Service on Improvements - 2009 Bonds Annual P & I 321,914 +\$1.046 Debt Service on Improvements - 2009 Bonds Annual P & I 304,330 +\$1.047 Debt Service on Cavin Project Annual P & I 1,089,141 +\$1.048 Debt Service on Cavin Project Annual P & I 1,089,141 +\$1.048 Debt Service on Cavin Project Annual P & I 1,089,141 +\$1.048 Debt Service on Cavin Project Annual P & I 1,089,141 +\$1.048 Debt Service on Cavin Project Annual P & I 1,089,141 +\$1.048 Debt Service on Cavin Project Annual P & I 1,089,141 +\$1.048 Debt Service on Cavin Project Annual P & I 1,089,141 +\$1.048 Debt Service on Cavin Project Annual P & I 1,089,141 +\$1.048 Debt Service on Cavin Project Annual P & I 1,089,141 +\$1.048 Debt Service Supply & Treatment 42,25% 21,127 @ROUND(\$5.013*\$5.022,0) Total 100.00% 50,004 +\$5.022+\$5.023 Debt Service Summany Debt Service	5.007				• ,
New Revenue Bonds	5.008			_	•
New Revenue Bonds	5.009	Total	100.00%	0	+S5.007+S5.008
Debt Service on Improvements - 1999 Bonds					
Annual P & I S0,004		***************************************			
Debt Service on Improvements - 2003 Bonds				50.004	104.045
Solid				50,004	+81.045
Debt Service on Improvements - 2009 Bonds		•		221 014	+64 046
5.017 Annual P & I 304,330 +\$1.047 5.018 Debt Service on Cavin Project 1,089,141 +\$1.048 5.020 Annual P & I 1,089,141 +\$1.048 5.021 Allocation - 1999 Improvements (b) 21,127 @ROUND(\$5.013*\$5.022,0) 5.022 Water Supply & Treatment 42.25% 21,127 @ROUND(\$5.013*\$5.023,0) 5.023 Transmission Mains 57.75% 28,877 @ROUND(\$5.013*\$5.023,0) 5.025 Total 100.00% 50,004 +\$5.022*\$\$5.023 5.026 Allocation - 2003 Improvements (b) 47.74% 153,682 @ROUND(\$5.015*\$5.027,0) 5.027 Water Supply & Treatment 47.74% 153,682 @ROUND(\$5.015*\$5.027,0) 5.029 Total 100.00% 321,914 +\$5.027*\$5.028 5.030 Allocation - 2009 Improvements (c) 45.022 @ROUND(\$5.017*\$5.032,0) 5.031 Allocation - 2009 Improvements (c) 49,216 @ROUND(\$5.017*\$5.033,0) 5.032 Water Supply & Treatment 59,11% 179,889 <td></td> <td></td> <td></td> <td>321,814</td> <td>+31.040</td>				321,814	+31.040
Debt Service on Cavin Project 1,089,141 +\$1.048		· ·		204 220	±01 047
5.019 Annual P & I 1,089,141 +\$1.048 5.020 5.021 Allocation - 1999 Improvements (b) 5.022 Water Supply & Treatment 42.25% 21,127 @ROUND(S5.013*S5.022,0) 5.023 Transmission Mains 57.75% 28,877 @ROUND(S5.013*S5.023,0) 5.024 Total 100.00% 50,004 +\$5.022*S5.023 5.025 5.026 Allocation - 2003 Improvements (b) 5.027 Water Supply & Treatment 47.74% 153,682 @ROUND(S5.015*S5.027,0) 5.028 Transmission Mains 52.26% 168,232 @ROUND(S5.015*S5.028,0) 5.029 Total 100.00% 321,914 +\$5.027*S5.028 5.030 Total 100.00% 321,914 +\$5.027*S5.028 5.031 Allocation - 2009 Improvements (c) 5.032 Water Supply & Treatment 59.11% 179,889 @ROUND(S5.017*S5.032,0) 5.033 Transmission Mains 9.60% 29,216 @ROUND(S5.017*S5.032,0) 5.034 General Plant 31.29% 95,225 @ROUND(S5.017*S5.034,0) 5.035 Total 100.00% 304,330 +\$5.032*S5.034 5.037 Debt Service Summary 5.038 Existing Treatment Facility 1,089,141 +\$5.019 5.039 New Treatment Facility 1,089,141 +\$5.019 5.030 Transmission Facilities 226,325 +\$5.034*S5.034 5.041 General Plant 95,225 +\$5.034*S5.039*S5.040*S5.041 5.043 (a) Exhibit E, Contract 50.44 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 6.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise.				304,330	±31.047
5.020		· · · · · · · · · · · · · · · · · · ·		1 000 141	±01 n/8
5.021 Allocation - 1999 Improvements (b) 5.022 Water Supply & Treatment 42.25% 21,127 @ROUND(S5.013*S5.022,0) 5.023 Transmission Mains 57.75% 28,877 @ROUND(S5.013*S5.023,0) 5.024 Total 100.00% 50,004 +\$5.022+\$5.023 5.025 Allocation - 2003 Improvements (b) \$5.022+\$5.023 @ROUND(S5.015*S5.027,0) 5.027 Water Supply & Treatment 47.74% 153,682 @ROUND(S5.015*S5.027,0) 5.028 Transmission Mains 52.26% 168,232 @ROUND(S5.015*S5.028,0) 5.030 Total 100.00% 321,914 +\$5.027+\$5.028 5.031 Allocation - 2009 Improvements (c) \$5.027+\$5.028 @ROUND(S5.017*S5.032,0) 5.032 Water Supply & Treatment 59.11% 179,889 @ROUND(S5.017*S5.032,0) 5.033 Transmission Mains 9.60% 29,216 @ROUND(S5.017*S5.032,0) 5.034 General Plant 31,29% 95,225 @ROUND(S5.017*S5.032,0) 5.035 Total 100.00% <t< td=""><td></td><td>Annual P & I</td><td></td><td>1,009,141</td><td>73 1.040</td></t<>		Annual P & I		1,009,141	73 1.040
Social Nature Supply & Treatment		Allocation 1999 Improvements	(b)		
5.023 Transmission Mains 57.75% 28,877 @ROUND(S5.013*S5.023,0) 5.024 Total 100.00% 50,004 +S5.022+S5.023 5.025 5.026 Allocation - 2003 Improvements (b) 50.024 50.024 153,682 @ROUND(S5.015*S5.027,0) 5.027 Water Supply & Treatment 47.74% 153,682 @ROUND(S5.015*S5.028,0) 5.029 Total 100.00% 321,914 +S5.027+S5.028 5.030 Allocation - 2009 Improvements (c) 50.31 Allocation - 2009 Improvements (c) 5.031 Allocation - 2009 Improvements (c) 60.00 29,216 @ROUND(S5.017*S5.032,0) 5.032 Water Supply & Treatment 59.11% 179,889 @ROUND(S5.017*S5.032,0) 5.033 Transmission Mains 9.60% 29,216 @ROUND(S5.017*S5.032,0) 5.034 General Plant 31.29% 95,225 @ROUND(S5.017*S5.034,0) 5.035 Total 100.00% 304,330 +S5.032+S5.033+S5.034 5.036 Existing Treatment Facility 354,698				21 127	@ROUND/S5 013*S5 022 0)
5.024 Total 100.00% 50,004 +\$5.022+\$5.023 5.025 5.026 Allocation - 2003 Improvements (b) 5.027 Water Supply & Treatment 47.74% 153,682 @ROUND(\$5.015*\$5.027,0) 5.028 Transmission Mains 52.26% 168,232 @ROUND(\$5.015*\$5.028,0) 5.039 Total 100.00% 321,914 +\$5.027+\$5.028 5.031 Allocation - 2009 Improvements (c) 600 29,216 @ROUND(\$5.017*\$5.032,0) 5.032 Water Supply & Treatment 59.11% 179,889 @ROUND(\$5.017*\$5.032,0) 5.033 Transmission Mains 9.60% 29,216 @ROUND(\$5.017*\$5.032,0) 5.034 General Plant 31.29% 95,225 @ROUND(\$5.017*\$5.033,0) 5.035 Total 100.00% 304,330 +\$5.032+\$5.033+\$5.034 5.036 Existing Treatment Facility 354,698 +\$5.007+\$5.022+\$5.027+\$5.032 5.039 New Treatment Facility 1,089,141 +\$5.01 +\$5.01 5.040 General Plant 95,225 +\$5.034<					
5.025					•
5.026 Allocation - 2003 Improvements (b) 5.027 Water Supply & Treatment 47.74% 153,682 @ROUND(\$5.015*\$5.027,0) 5.028 Transmission Mains 52.26% 168,232 @ROUND(\$5.015*\$5.028,0) 5.029 Total 100.00% 321,914 +\$5.027+\$5.028 5.030 Allocation - 2009 Improvements (c) 5.031 Allocation - 2009 Improvements (c) 5.032 Water Supply & Treatment 59.11% 179,889 @ROUND(\$5.017*\$5.032,0) 5.033 Transmission Mains 9.60% 29,216 @ROUND(\$5.017*\$5.033,0) 5.034 General Plant 31.29% 95,225 @ROUND(\$5.017*\$5.034,0) 5.035 Total 100.00% 304,330 +\$5.032+\$5.033+\$5.034 5.036 Total 100.00% 304,330 +\$5.032+\$5.023+\$5.027+\$5.032 5.037 Debt Service Summary 354,698 +\$5.007+\$5.022+\$5.027+\$5.032 5.040 Transmission Facilities 26,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.041 General Plant 95,225 \$5		1 out		,	
5.027 Water Supply & Treatment 47.74% 153,682 @ROUND(S5.015*S5.027,0) 5.028 Transmission Mains 52.26% 168,232 @ROUND(S5.015*S5.028,0) 5.029 Total 100.00% 321,914 +S5.027+S5.028 5.030 Allocation - 2009 Improvements (c) 5.031 Allocation - 2009 Improvements (c) 5.032 Water Supply & Treatment 59.11% 179,889 @ROUND(S5.017*S5.032,0) 5.033 Transmission Mains 9.60% 29,216 @ROUND(S5.017*S5.033,0) 5.034 General Plant 31.29% 95,225 @ROUND(S5.017*S5.034,0) 5.035 Total 100.00% 304,330 +S5.032+S5.033+S5.034 5.036 Total 100.00% 304,330 +S5.032+S5.023+S5.027+S5.032 5.037 Debt Service Summary 354,698 +S5.007+S5.022+S5.027+S5.032 5.038 Existing Treatment Facility 1,089,141 +S5.008+S5.023+S5.		Allocation - 2003 Improvements	(b)		
5.028 Transmission Mains 52.26% 168,232 @ROUND(\$5.015*\$5.028,0) 5.029 Total 100.00% 321,914 +\$5.027+\$5.028 5.030 Allocation - 2009 Improvements (c) 5.031 Allocation - 2009 Improvements (c) 5.032 Water Supply & Treatment 59.11% 179,889 @ROUND(\$5.017*\$5.032,0) 5.033 Transmission Mains 9.60% 29,216 @ROUND(\$5.017*\$5.033,0) 5.034 General Plant 31.29% 95,225 @ROUND(\$5.017*\$5.034,0) 5.035 Total 100.00% 304,330 +\$5.032+\$5.033+\$5.034 5.037 Debt Service Summary 354,698 +\$5.007+\$5.022+\$5.027+\$5.032 5.039 New Treatment Facility 354,698 +\$5.007+\$5.022+\$5.027+\$5.032 5.040 Transmission Facilities 226,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.041 General Plant 95,225 +\$5.038+\$5.039+\$5.040+\$5.041 5.043 (a) Exhibit E, Contract 1,765,389 +\$5.038+\$5.039+\$5.040+\$5.041 5.044 (b) Based on dollars spent on improvements, per Wa				153,682	@ROUND(S5.015*S5.027,0)
5.029 Total 100.00% 321,914 +\$5.027+\$5.028 5.030 5.031 Allocation - 2009 Improvements (c) 5.032 Water Supply & Treatment 59.11% 179,889 @ROUND(\$5.017*\$5.032,0) 5.033 Transmission Mains 9.60% 29,216 @ROUND(\$5.017*\$5.034,0) 5.034 General Plant 31.29% 95,225 @ROUND(\$5.017*\$5.034,0) 5.035 Total 100.00% 304,330 +\$5.032+\$5.033+\$5.034 5.037 Debt Service Summary 5.038 Existing Treatment Facility 354,698 +\$5.007+\$5.022+\$5.027+\$5.032 5.039 New Treatment Facility 1,089,141 +\$5.01 +\$5.008+\$5.023+\$5.028+\$5.033 5.041 General Plant 226,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.042 General Plant 1,765,389 +\$5.038+\$5.039+\$5.040+\$5.041 5.043 (a) Exhibit E, Contract 1,765,389 +\$5.038+\$5.039+\$5.040+\$5.041 5.045 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 6 60 Based on estimated dollars to be spent				•	•
5.030 Allocation - 2009 Improvements (C) 5.031 Allocation - 2009 Improvements (C) 5.032 Water Supply & Treatment 59.11% 179,889 @ROUND(\$5.017*\$5.032,0) 5.033 Transmission Mains 9.60% 29,216 @ROUND(\$5.017*\$5.033,0) 5.034 General Plant 31.29% 95,225 @ROUND(\$5.017*\$5.034,0) 5.035 Total 100.00% 304,330 +\$5.032+\$5.033+\$5.034 5.037 Debt Service Summary 5.038 +\$5.032+\$5.033+\$5.034 5.038 Existing Treatment Facility 354,698 +\$5.007+\$5.022+\$5.027+\$5.032 5.039 New Treatment Facility 1,089,141 +\$5.019 5.040 Transmission Facilities 226,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.041 General Plant 26,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.042 (a) Exhibit E, Contract 1,765,389 +\$5.038+\$5.039+\$5.040+\$5.041 5.044 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 6) (c) Based on estimated dollars to be spent on improvements, per Jim Grise.					+\$5.027+\$5.028
5.031 Allocation - 2009 Improvements (C) 5.032 Water Supply & Treatment 59.11% 179,889 @ROUND(\$5.017*\$5.032,0) 5.033 Transmission Mains 9.60% 29,216 @ROUND(\$5.017*\$5.033,0) 5.034 General Plant 31.29% 95,225 @ROUND(\$5.017*\$5.034,0) 5.035 Total 100.00% 304,330 +\$5.032+\$5.033+\$5.034 5.037 Debt Service Summary 5.038 +\$5.032+\$5.033+\$5.034 5.038 Existing Treatment Facility 354,698 +\$5.007+\$5.022+\$5.027+\$5.032 5.039 New Treatment Facilities 226,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.040 Transmission Facilities 226,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.042 General Plant 295,225 +\$5.008+\$5.023+\$5.040+\$5.041 5.043 (a) Exhibit E, Contract 1,765,389 +\$5.038+\$5.039+\$5.040+\$5.041 5.044 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise.				•	
5.032 Water Supply & Treatment 59.11% 179,889 @ROUND(\$5.017*\$5.032,0) 5.033 Transmission Mains 9.60% 29,216 @ROUND(\$5.017*\$5.033,0) 5.034 General Plant 31.29% 95,225 @ROUND(\$5.017*\$5.034,0) 5.035 Total 100.00% 304,330 +\$5.032+\$5.033+\$5.034 5.037 Debt Service Summary 5.032 +\$5.032+\$5.023+\$5.024+\$5.032 5.038 Existing Treatment Facility 354,698 +\$5.007+\$5.022+\$5.027+\$5.032 5.039 New Treatment Facility 1,089,141 +\$5.019 5.040 Transmission Facilities 226,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.041 General Plant 95,225 +\$5.034 +\$5.034 5.042 General Plant 95,225 +\$5.038+\$5.039+\$5.040+\$5.041 5.043 (a) Exhibit E, Contract 1,765,389 +\$5.038+\$5.039+\$5.040+\$5.041 5.044 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 General Plant General Plant General Plant General Plant General Plant General Plant		Allocation - 2009 Improvements	(c)		
5.033 Transmission Mains 9.60% 29,216 @ROUND(S5.017*S5.033,0) 5.034 General Plant 31.29% 95,225 @ROUND(S5.017*S5.034,0) 5.035 Total 100.00% 304,330 +S5.032+S5.033+S5.034 5.036 Debt Service Summary 5.032 +S5.007+S5.022+S5.027+S5.032 5.039 New Treatment Facility 354,698 +S5.007+S5.022+S5.027+S5.032 5.040 Transmission Facilities 226,325 +S5.019 5.041 General Plant 226,325 +S5.008+S5.023+S5.028+S5.033 5.042 General Plant 95,225 +S5.034 +S5.034 5.043 (a) Exhibit E, Contract 1,765,389 +S5.038+S5.039+S5.040+S5.041 5.044 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 Fund schedule. 5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise. Fund schedule.			59.11%	179,889	@ROUND(S5.017*S5.032,0)
5.034 General Plant 31.29% 95,225 @ROUND(S5.017*S5.034,0) 5.035 Total 100.00% 304,330 +S5.032+S5.033+S5.034 5.036 Debt Service Summary 5.032 Existing Treatment Facility 354,698 +S5.007+S5.022+S5.027+S5.032 5.039 New Treatment Facility 1,089,141 +S5.019 5.040 Transmission Facilities 226,325 +S5.008+S5.023+S5.028+S5.033 5.041 General Plant 95,225 +S5.034 +S5.034 5.042 (a) Exhibit E, Contract 1,765,389 +S5.038+S5.039+S5.040+S5.041 5.043 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 Fund schedule. 5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise. Fund schedule.			9.60%	29,216	@ROUND(S5.017*S5.033,0)
5.036 5.037 Debt Service Summary 354,698 +\$5.007+\$5.022+\$5.027+\$5.032 5.038 Existing Treatment Facility 1,089,141 +\$5.017 5.040 Transmission Facilities 226,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.041 General Plant 95,225 +\$5.034 5.042 1,765,389 +\$5.038+\$5.039+\$5.040+\$5.041 5.043 (a) Exhibit E, Contract 5.044 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise.	5.034	General Plant	31.29%	95,225	
5.037 Debt Service Summary 354,698 +\$5.007+\$5.022+\$5.027+\$5.032 5.039 Existing Treatment Facility 1,089,141 +\$5.019 5.040 Transmission Facilities 226,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.041 General Plant 95,225 +\$5.034 5.042 1,765,389 +\$5.038+\$5.039+\$5.040+\$5.041 5.043 (a) Exhibit E, Contract 5.045 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise.	5.035	Total	100.00%	304,330	+\$5,032+\$5,033+\$5,034
5.038 Existing Treatment Facility 354,698 +\$5.007+\$5.022+\$5.027+\$5.032 5.039 New Treatment Facility 1,089,141 +\$5.019 5.040 Transmission Facilities 226,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.041 General Plant 95,225 +\$5.034 5.042 1,765,389 +\$5.038+\$5.039+\$5.040+\$5.041 5.043 (a) Exhibit E, Contract 5.044 +\$5.038+\$5.039+\$5.040+\$5.041 5.044 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise.	5.036				
5.039 New Treatment Facility 1,089,141 +\$5.019 5.040 Transmission Facilities 226,325 +\$5.008+\$5.023+\$5.028+\$5.033 5.041 General Plant 95,225 +\$5.034 5.042 1,765,389 +\$5.038+\$5.039+\$5.040+\$5.041 5.043 (a) Exhibit E, Contract 5.044 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise.	5.037	Debt Service Summary			
5.040 Transmission Facilities 226,325 5.041 General Plant 95,225 5.042 5.043 (a) Exhibit E, Contract 5.044 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise.	5.038	Existing Treatment Facility		· •	-
5.041 General Plant 95,225 +S5.034 +S5.034 +S5.039+S5.040+S5.041 5.042 1,765,389 +S5.038+S5.039+S5.040+S5.041 5.043 (a) Exhibit E, Contract (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise.	5.039	New Treatment Facility			
5.042 1,765,389 +\$5.038+\$5.039+\$5.040+\$5.041 5.043 (a) Exhibit E, Contract 5.044 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise.	5.040	Transmission Facilities		•	
 5.043 (a) Exhibit E, Contract 5.044 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. 5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise. 	5.041	General Plant	-		
 (b) Based on dollars spent on improvements, per Water Construction Fund schedule. (c) Based on estimated dollars to be spent on improvements, per Jim Grise. 	5.042			1,765,389	+S5.038+S5.039+S5.040+S5.041
5.045 (c) Based on estimated dollars to be spent on improvements, per Jim Grise.	5.043				
	5.044	(b) Based on dollars spent on improvements,	per Water C	Construction F	und schedule.
5.046		(c) Based on estimated dollars to be spent on	improveme	nts, per Jim (inse.
	5.046				

Schedule 6 Exhibit F for FY 2011

Allocation of Admin. and General Expenses

Line		TRUE-UP CALCULATION	
6.000		FY 2011	
6.001		\$	
6.002 6.003		Ψ	
6.004	Administrative and General Expenses	1,983,764	+S1.036
6.005	, idining and and arrived a particular	• •	
6.006	Basis of Allocation = Supervised Expenses (b)		
6.007	Existing Treatment Facility	1,166,805	+\$4.004+\$4.009+\$4.017
6.008			
6.009	New Treatment Facility	321,760	+\$4.013+\$4,018
6.010			
6.011	Transmission System	330,674	+\$3.014
6.012		407 400	100.040
6.013	Distribution System	427,406	+\$3.016
6.014	Out and Association O Information	472,879	+S1.037
6.015	Customer Accounting & Information	472,019	461.037
6.016 6.017	Total Above	2,719,524	@SUM(\$6.007\$6.015)
6.018	TOTAL PIDOVC	,	
6.019	Allocation Of Admin. & Gen. Expense		
6.020	Existing Treatment Facility	851,129	@ROUND(+S6.004*S6.007/S6.017,0)
6.021	•		
6.022	New Treatment Facility	234,709	@ROUND(+S6,004*S6,009/S6,017,0)
6.023			
6.024	Transmission System	241,211	@ROUND(+S6.004*S6.011/S6.017,0)
6.025		244 770	@BOUND(+00 004*00 042/00 047.0)
6.026	Distribution System	311,772	@ROUND(+S6.004*S6.013/S6.017,0)
6.027	Ounternan Association 9 Information	344.943	@ROUND(+S6.004*S6.015/S6.017,0)
6.028 6.029	Customer Accounting & Information	044,040	(g)1(50;42(700:504 00:510;00:517;0)
6.030	Total Above	1,983,764	@SUM(S6.020S6.028)
6.031	I OLEM ADOVE	.,	<u> </u>
6.032	(b) Excludes expenses which vary with the	quantity of water produced.	

Exhibit G for FY 2011
Summary of Annual Fixed and Variable Costs

Line	TRUE-UP CALCULATION								
7.000			FY 2011						
7.001 7.002			\$						
7.003 7.004	Existing Treatment Facility Fixed Costs Debt Service		354,698	+\$5.038					
7.005 7.006	O&M Expense		1,166,805	+\$4.004+\$4.0	09+\$4.017				
7.007 7.008	Replacements & Improvements		104,882	+\$7.045					
7.009 7.010 7.011	Admin. & General Expense	-	851,129	+\$6.020					
7.012 7.013 7.014	Total Existing Treatment Facility Fixed Costs		2,477,514	@SUM(S7.00	4\$7.010)				
	New Treatment Facility Fixed Costs								
7.017 7.018	Debt Service		1,089,141	+\$5.039					
7.019 7.020	O&M Expense		321,760	+\$4.013+\$4.0	18				
7.021 7.022	Replacements & Improvements		299,625	+\$7.049					
7.023 7.024	Admin. & General Expense		234,709	+\$6.022					
7.025 7.026	Total New Treatment Facility Fixed Costs		1,945,235	@SUM(S7.01	7S7.023)				
7.027 7.028 7.029	Transmission Facility Fixed Costs Debt Service		226,325	+\$5.040					
7.029 7.030 7.031	O&M Expense		330,674	+\$3.014					
7.032 7.033	Replacements & Improvements		194,728	+\$7.053					
7.034 7.035	Admin. & General Expense		241,211	+\$6.024					
7.036 7.037	Total Transmission Facility Fixed Costs		992,938	@SUM(S7.02	8, .S7.034)				
	Variable Expenses		706 201	+\$4.024					
7.039 7.040	Total Amount		786,301	+34.024					
7.041	Plant Investment as of May 31, 2010:								
7.042	Existing Treatment Facilities								
7.043	Existing/Additions	(a)		1.25%	84,734				
7.044	Cavin Project Improvements	(a)	1,611,825 8,390,565	1.25%	20,148 104,882				
7.045 7.046	New Treatment Facilities		0,000,000		,				
7.047	Additions	(a)	752,463	1.25%	9,406				
7.048	Cavin Project	(a)	23,217,545	1.25%	290,219				
7.049	•		23,970,008		299,625				
7.050	Transmission Facilities								
7.051	Existing/Additions		13,122,772	1.25%	164,035				
7.052	Cavin Project Improvements	(a)	2,455,475	1.25%	30,693				
7.053			15,578,247		194,728				
7.054 7.055 7.056	(a) Contributions to R&R Fund for FY 2011 were 1.25% excluding land. Distribution Plant and General Plan	% of Plant are e	ant Investmen excluded from	t,	599,235				
7.057	Water District cost allocations.								

Schedule 8

Exhibit H for FY 2011 Development of Charges to Districts

Line			TRUE-UP CALCULATION				
8.000		Total	Wholesale Customers				
8.001 8.002		System Costs	Southeast Daviess	West Daviess	East Daviess	Subtotal	
8.003 8.004		Cosis	Daviess	Daviess	Daviess	Subtotal	
8.005 8.006	•						
8.007 8.008	Total Costs	\$2,477,514	+\$7.012				
8,009 8,010	District Responsibility Percent		13,56%	11.05%	3.39%	28.00%	+S2.017
8.011	Amount		\$335,951	\$273,765	\$83,988	\$693,704	@ROUND(S8.007*S8.010,0)
8.012 8.013							
8.014	•						
8.015 8.016	Total Costs	\$1,945,235	+\$7.025				
8.017	District Responsibility		12.75%	8.25%	6.93%	27.93%	+\$2.054
8.018 8.019	Percent Amount		\$248,017	\$160,482	\$134,805	\$543,304	@ROUND(S8.015*S8.018,0)
8.020 8.021							
	Transmission Facilities	****	.07.000				
8.023 8.024	Total Costs	\$992,938	+\$7.036				
8.025	District Responsibility						
8.026	Percent		15.54%	12.54%	7.98%	36.06%	+\$2.026
8.027 8.028	Amount		\$154,303	\$124,514	\$79,236	\$358,053	@ROUND(S8.023*S8.026,0)
8.029							
8.030 8.031	Variable Expenses Total Costs	\$786,301	+\$7.039				
8.032	1011.0033	4.00,00 .					
8.033	District Responsibility			40 450/	0.050/	04.05%	.00.000
8.034	Percent		13.85% \$108,903	10.45% \$82,168	6.95% \$54,648	31.25% \$245,719	+S2.009 @ROUND(S8.031*S8.034,0)
8.035 8.036	Amount		φ100,903	φ02, 100	<i>\$</i> 54,546	Ψ240,110	(B)(00/10/00/00/10/00/00/00/00/00/00/00/00/0
8.037							
	Total Prior Year True-Up Adustment		\$0	\$0	\$0	\$0	
8.039			\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
8.040 8.041	True-Up Adjustment This Period		φυ	Φυ	ΨΟ	ΨΟ	
	Total Charges to Districts for FY 2011		\$847,174	\$640,929	\$352,677	\$1,840,780	+\$8.011+\$8.019+\$8.027+\$8.035+\$8.038
8.043							
8.044	Effective Unit Charge						
8.045	Existing Treatment Facility		\$0.558	\$0.603	\$0.278	\$0.511	@ROUND(+S8.011/(1000*S9.008),3)
8.047	New Treatment Facility		\$0.412	\$0,354	\$0.446	\$0.400	@ROUND(+S8.019/(1000*S9.008),3)
8.048	Transmission Facilities		\$0.256	\$0.274	\$0.262	\$0.264	@ROUND(+S8.027/(1000*S9.008),3)
8.049	Variable Expenses		\$0,181	\$0.181	\$0.181	\$0.181	@ROUND(+\$8.035/(1000*\$9.008),3)
8.050	Prior Year Trueup		\$0.000	\$0.000	\$0,000	\$0.000	@ROUND(+S8.038/(1000*S9.008),3)
8.051 8.052			\$1.407	\$1.412	\$1.168	\$1.356	@SUM(S8.044S8.049)
8.053							

Schedule 9 Effective Unit Rate

Line							
9.000			Who	lesale Custon	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	+\$10.027
9.007	Growth Factor		1.154	1.342	2.000		S1.010 through S1.012
9.008	Sales, FY 2011	Mil. gal	602	454	302	1,358	@ROUND(\$9.006*\$9.007,0)
9.009							
9.010	Total FY 2011 Charges		\$847,174	\$640,929	\$352,677	\$1,840,780	+\$8.040
9.011							
9.012	Effective unit cost (per 1000 g	allons)	\$1.407	\$1.412	\$1.168	\$1.356	@ROUND(+S9.010/(1000*S9.008),3)
9.013		_					
9.014	Rate Floor - set in first fiscal ye					A. 17A	(Da. O. (1-)
9.015	operation of New Treatmen	t Facility	\$1.148	\$1.213	\$1.148	\$1.170	(Per Contracts)
9.016						04.050	ONEN () OO OAD (OO OAD)
9.017	FY 2011 True-Up Rates		\$1.407	\$1.412	\$1.168	\$1.356	@MAX(+S9.012,+S9.015)
9.018							
9.019	Effective	e Rate Over (Under) Floor	\$0.259	\$0.199	\$0.020		
9.020							
9.021				04.050	0.1 000		
9.022	Current Rates (per 1000 gallor	ns) - effective 6-1-2010	\$1.620	\$1.650	\$1.360		
9.023	Increase (Decrease)		(\$0.213)	(\$0.238)	(\$0.192)		
9.024	Percent Increase (Decrease)		-13.1%	-14.4%	-14.1%		
9.025							

Schedule 10 FY 1989 Base Year and FY 1991 District and System Data

Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010

Line			Ending May 3 ALCULATION							
10.000			\\/hc	lesale Custo	mare					
10.000 10.001			VVIIC					OMU	Total	
10.002		11-9-	Southeast	West		East	Outstatel	Retail	OMU	
10.003 10.004		Units	Daviess	Daviess		Daviess	Subtotai	Customers	System	
	Data for Base Year FY 1989									
10.006	A				/~\					
10.007 10.008	Average of 5 Maximum Day Demands Amount (a)	mgd	2.330	1.900	(c)	0.582	4.812			
10.009	Allowance for Transmission Losses	3-	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									
10.013	Annual sales	Mil cf	67.08	45.89		21.02	(a)	.		
10.014 10.015	Annual sales	Mil. gal. mgd	502 1.38	343 0.94		157 0.43	@ROUND(7 +S10.014/36	7.48*S10.013,0) 55		
10.015	Average Day Ratio Max to Average Day	mgu	1.69	2.02		1.35	+S10.008/S			
10.017										
10.018 10.019	Average of System 5 maximum day demai	nde						mgd	17.90	(a)
10.020	Allowance for filter wash water	140						9-	2%	(-)
10.021	Adj. System 5 Maximum Day Demands (B	ase year plant	usage)					mgd	17.54	@ROUND(+\$10.019*(1-\$10.020),2)
10.022 10.023										
10.024										
10.025	Input data for FY 1991 (a)	A ARREL - A A			(h)		135.0	399.2	534.2	
10.026 10.027	Annual Sales Annual Sales	Million cf Mil. gal.	521	338	(b)	151	1,010	2,986	3,996	
10.028		J			(c)			·		
10.029	Average of 5 Maximum Day Demands	mgd	1.95	1.35		0.60	@ROUND(8	\$10.033*\$10.027	7/365,3)	
10.030 10.031	For Information Only									
10.032	Average Day	mgd	1.427	0.926		0.414	+\$10.027/3			
10.033 10.034	Ratio Max to Average Day		1.37	1.46		1.45	+S10.029/S	10.032	1.41	<< Ave SE & W
10.034	Allowance for Transmission Losses		2%	2%		2%	Estimated			
10.036										
	Data Adjusted for Water Losses District Data:									
10.039	Annual Water Sales	Mil. gal.	532	345		154		-S10.027/(1-S10		
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 Adj. 5 Max. Day Demands							<i>mgd</i> mgd	0.35 16.91	@ROUND(0.02*\$10.043,2) +\$10.043-\$10.044
10.045 10.046	Adj. 9 Max. Day Demands								10.01	7010.040 010.044
10.047							(-)	1.411 mm1	4044	@DOLIND/000 027 40 6\
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)
10.050	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 8-1	9-91						ess and West Da	aviess.	
10.055	May, 1991 Financial Statement			(c) Amount pratios of the			•			
10.056 10.057				iauos oi u	HE OII	iei distric	, i.s.			
10.058	(d) East Daviess est 5 day max day demand									
10.059	FY 1989 Annual Sales	Million of	21.02	<< OMU m @ROUND		-	of district sales	i		
10.060 10.061	FY 1989 Annual Sales Average day demand	Mil. gal. mgd	157.2 0.431	@ROUND						
10.062	Estimated Max day ratio		1.35	.35						
10.063	Est. East Daviess 5 day max day demand	(mgd)	0.582	@ROUND	(S10.	u61*S10	.062,3)			
10.064 10.065										
10.066										
10.067										