

Exhibit 'G'

PURCHASED WATER ADJUSTMENT (PWA) CALCULATION WORKSHEET

PRIOR COST OF WATER

CITY OF CYNTHIANA	\$1,578,968.99
KY AMERICAN 353	\$173,749.39
KY AMERICAN 62	\$107,642.50
KY AMERICAN MILLERSBURG	\$98,477.24
NICHOLAS	\$0

TOTAL PRIOR COSTS OF ALL WATER \$1,957,968.99
(All sources)

TOTAL PRIOR COSTS OF KY AM. WTR. \$379,869.13
(173,749.39 + 107,642.50 + 98,477.24;
three KY Am. accounts)

PRIOR GALLONS PURCHASED (12 MONTH PERIOD)

CITY OF CYNTHIANA	437,146,780
KY AMERICAN 353	29,030,600
KY AMERICAN 62	17,288,260
KY AMERICAN MILLERSBURG	39,601,900
NICHOLAS	0

TOTAL PRIOR PURCHASED GALLONS 523,067,540

PROJECTED INCREASE COST OF WATER

CITY OF CYNTHIANA	\$0 (NO RATE INCREASE)
KY AMERICAN 353	$29,030,600 \times \$0.0083091 =$ \$241,218.15646; rounded \$241,218.16
KY AMERICAN 62	$17,288,260 \times \$0.0083091 =$ \$143,649.881166; rounded \$143,649.89
KY AM. MILLERSBURG	$39,601,900 \times \$0.0083091 =$ \$329,056.14729; rounded \$329,056.15
NICHOLAS	\$0 (NO RATE INCREASE)

Exhibit "G"

TOTAL PROJECTED COST BY KENTUCKY AMERICAN **\$713,924.20**

NEW RATE, WATER CHARGE (w/out ky river w/fee)

KY RIVER WITHDRAWAL FEE (ONLY APPLIES

TO WATER AT 353 AND 62, NOT MILLERSBURG

TOTAL GALLONS AT 353 & 62;

$46,318,360 / 100 = 463,183.60$

$463,183.60 \times \$0.0316 = \$14,636.61$; rounded \$14,636.61

NEW PROJECTED KY AMERICAN COSTS; \$713,924.20 + \$14,636.61 = \$728,560.81

TOTAL PROJECTED NEW COST OF WATER:

CITY OF CYNTHIANA \$1,578,099.86

KY AMERICAN 353 \$241,218.16

KY AMERICAN 62 \$143,649.89

KY AM. MILLERSBURG \$329,056.15

NICHOLAS \$0

TOTAL PROJECTED NEW COST OF WATER \$2,292,024.06

$\$2,293,848.74$ (water costs) + $\$14,636.61$ (KY Riv. w/fee) = $\$2,306,660.67$

DETERMINATION OF COSTS DIFFERENCE

TOTAL PRIOR COSTS OF ALL WATER \$1,957,968.99

TOTAL PRIOR COSTS OF KY AM. WTR. \$379,869.13

PROJECTED COSTS OF INC. WATER \$2,306,660.67

PROJECTED COSTS OF INC. KY AM \$728,560.96

CALCUALTIONS:

a) Proj. Costs (total) $\$2,306,660.67$ – prior costs (total) $\$1,957,968.99$ = $\$348,691.68$

b) Proj. Costs (Ky.Am.) $\$728,560.81$ – prior costs (Ky.Am.) $\$379,869.13$ = $\$348,691.68$

Exhibit "G"

PURCHASED WATER ADJUSTMENT FACTOR:

PRIOR COSTS OF WATER: **\$1,957,968.99**

PROJECTED NEW COST OF WATER **\$2,306,660.82**

INCREASE IN NEW COST OF WATER **\$348,691.68**

TOTAL GALLONS SOLD **381,849,000**

INCREASE \$348,691.68 DIVIDED BY NUMBER OF GALLONS SOLD 381,849,000; SEE EXHIBIT "C"; EQUALS PURCHASED WATER ADJUSTMENT FACTOR OF \$0.0009131664; ROUNDED TO \$0.0009132 PER GALLON.

APPLICATION OF PWA FACTOR TO CURRENT RATES

Minimum Rates

Current:		PWA FACTOR	Proposed New Rate
$\frac{3}{4} \times 5/8$	\$21.72	.0009132 x 2 = .0018264 Rounded to 1.83 per minimum \$21.72 + \$1.83 = (Dollar change) \$1.83 (% change) .0842541436	\$23.55
$\frac{3}{4}$	\$30.48	.0009132 X 3 = .0027396 Rounded to \$2.74 per minimum \$30.48 + \$ 2.74 = (Dollar change) \$2.74 (% change) .0898950131	\$33.22
1 inch	\$46.58	.0009132 x 5 = .004566 Rounded to \$4.57 per minimum \$46.58 + \$4.57 = (Dollar change) \$4.57 (% change) .0981107772	\$51.15

Exhibit "G"

1 ½	\$84.83	.0009132 x 10 = .009132	
		Rounded to \$9.14	
		\$84.83 + \$9.14 =	\$93.97
		(Dollar change) \$9.14	
		(% change) .1077449016	

2 Inch	\$123.06	.0009132 x 15 = .013698	
		Rounded to \$13.70	
		\$123.06 + \$13.70 =	\$136.76
		(Dollar change) \$13.70	
		(% change) .1113278076	

Extra Usage Rates

Current	pwa factor \$.0009132 (rounded)	
\$0.00841	.00841 + .0009132	.0093288
	(Dollar change) \$.0009132	(% change) .1085850178
\$0.00822	.00822 + .0009132	.0091388
	(Dollar change) \$.0009132	(% change) .1110948905
\$0.00766	.00766 + .0009132	.0085788
	(Dollar change) \$.0009132	(% change) .1192167102
\$0.00668	.00668 + .0009132	.0075988
	(Dollar change) \$.0009132	(% change) .1367065868