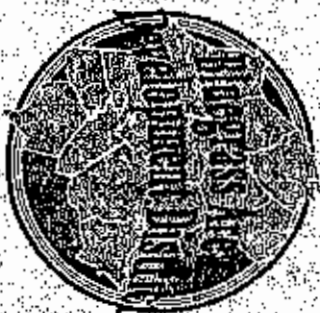


2004

WETTER & SEWELL
PRINTERS



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utilities; the cost of the water and sewer systems may be subsidized by some other utility. Sometimes this can have a negative effect as is often the case when a garbage system is incorporated with a water and sewer utility. In such cases, water and sewer revenues can subsidize the garbage system.

7. Legal diversion of funds. Example - Some cities will use a portion of water and/or sewer funds to supplement the General Fund account. Other cities draw from the General Fund to supplement water and/or sewer utility operations.
8. Economy of scale. Example - The smaller the utility, the greater the probability that manpower needs are being slighted, that trained and dedicated people cannot be attracted, or if employed, cannot be retained or paid an adequate wage. Similarly, with the purchase of supplies and materials, it is the large utility which normally purchases at the lower unit rate. It is generally true in the Bluegrass Area Development District that the larger the utility, the more efficient it can be and the higher can be the level of service.
9. Adequacy of facilities. Example - The utility which was designed to meet long-range needs with respect to line sizing or treatment capacity may well be operating at a rate disadvantage—in the early years—when compared to a utility which was designed only to meet the needs of the near term.

Water and sewer rates are difficult to compare from community to community for the following reasons:

1. Some communities use 1,000 gallons as the unit of measure. Others use 100 cubic feet (equal approximately to 750 gallons).
2. Different communities use different quantities as the amount available for the minimum bill. The most common quantity of water available for the minimum bill is 2,000 gallons per month.
3. Different communities use different rate bracketing systems.
4. Some communities charge for sewer service as a direct percentage of water bills. This varies from 40 percent to well over 100 percent. In recent years many cities have moved in the direction of flat rate charges for sewer service. By flat rate, it is meant that the price is the same for every unit of sewer service purchased.
5. Some communities' rate schedules are based on a billing period other than monthly.
6. Some communities use a different rate schedule for residents outside the city limits, both for water and sewer services.

The following tables do, however, reflect the current situation and do permit direct comparisons of charges for water (or sewer) service among utilities of like size and characteristics. It should be noted that charges tend to change quite rapidly. The reader is cautioned that these data will become "dated" rather quickly. Within a year, a sufficient number of rate schedules may have changed to the extent that the information contained herein should be updated.

TABLE 1
WATER RATE COMPARISON
(In Gallons and Cubic Feet)
for

Bluegrass ADD Cities Over Population 2,500

City	Effective Date for Rates	Min. Quantity (gall.)	2,000 (gal.) (267 cfd)		3,000 (gal.) (401 cfd)		4,000 (gal.) (533 cfd)		6,000 (gal.) (800 cfd)		30,000 (gal.) (4,000 cfd)		300,000 (gal.) (40,000 cfd)								
			Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean							
Berea College	Nov-90	57.45	1500	10.90	16	25	\$14.55	17	24	\$19.27	17	29	\$28.75	17	35	\$135.35	18	50	\$1,370.48	18**	70
Cynthiana	Apr-00	8.05	2000	8.05	9	-7	11.10	11	-5	14.15	10	-5	20.25	9	-5	64.65	3	-29	499.35	1	-38
Danville	Jul-04	5.69	750	8.83	13	2	10.01	4	-15	11.57	1	-23	14.71	1	-31	48.44	1	-46	706.73	11**	-12
Frankfort	May-02	7.02	2000	7.02	3	-19	10.53	8	-10	14.04	9	-6	20.43	10	-4	87.00	10	-4	668.90	9	-17
Georgetown	Sep-04	7.76	2000	7.76	7	-11	12.12	12	3	16.48	14	10	25.20	15	19	129.84	17	44	1,107.04	17	62
Hartshburg	Dec-03	6.27	1870	6.65	1	-24	9.42	1	-20	12.45	4	-17	18.54	7	-13	82.50	9	-9	603.30	5	-25
Jrvin	Jun-03	6.70	2000	6.70	2	-23	11.00	10	-6	15.30	11	2	23.90	14	13	127.10	15	41	1,288.10	16	60
Lancaster	Sep-99	5.25	1000	7.65	5	-12	10.05	5	-14	12.45	5	-17	16.85	3	-21	65.25	4	-28	551.25	3	-32
Lawrenceburg	Jul-03	10.25	2000	10.25	15	18	13.45	14	15	16.65	15	11	23.05	13	9	99.85	13	10	933.85	14**	16
Lexington (KAY)***	May-01	7.31	0	11.78	17	35	14.01	16	19	16.25	13	9	20.72	11	-2	80.35	7	-11	616.13	6	-24
Nicholasville	Jul-94	4.25	0	8.23	10	-5	10.22	6	-13	12.21	2	-18	16.19	2	-24	60.75	2	-33	554.85	4	-31
Paris	Jan-91	7.90	2000	7.90	8	-9	10.35	7	-12	12.80	7	-14	17.70	5	-17	69.50	5	-23	511.50	2	-37
Richmond	Apr-02	7.46	2250	7.46	4	-14	9.64	2	-18	12.54	6	-16	18.16	6	-14	81.52	8	-10	666.48	8	-17
Stanford	Jul-99	9.49	2000	9.49	14	9	12.39	13	7	15.69	12	5	21.89	12	3	91.49	11	1	616.84	7	-23
Stanton	Feb-98	13.56	2000	13.56	18	56	17.89	18	53	22.22	18	49	30.49	18	44	110.75	14	22	899.15	13	12
Versailles	Jun-04	3.05	0	7.67	6	-12	9.98	3	-15	12.29	3	-18	16.91	4	-20	72.35	6	-20	685.55	10	-15
Wilmore	Jul-01	8.32	2000	8.32	12	-4	13.46	15	15	18.60	16	24	28.29	16	33	129.49	16	46	1,249.99	15	55
Winchester	Jan-03	3.37	750	8.29	11	-5	10.75	9	-8	13.98	8	-6	20.17	8	-5	92.01	12	2	771.31	12	.4
Mean		7.18		9			11.73			14.94			21.23			90.45			805.60		

**Industrial Rate

***Rates based on assumed meter sizes as follows: 5/8" for 3,000, 4,000 & 6,000 gallons; 1" for 30,000 gallons; and 3" for 300,000 gallons.

Table 2 also shows the percent deviation from mean values for sewer use at the five sample usage levels. The approximate cubic feet equivalents are as follows:

267 cubic feet	=	2,000 gallons
400 cubic feet	=	3,000 gallons
533 cubic feet	=	4,000 gallons
800 cubic feet	=	6,000 gallons
4,000 cubic feet	=	30,000 gallons
40,000 cubic feet	=	300,000 gallons

TABLE 2
SEWER RATE COMPARISON
(In Gallons and Cubic Feet)

Bluegrass ADD Cities Over Population 2,500
for

	Effective Date for Rates	Min. Bill	Min. Quantity (feet)	2,000 (gal.)		3,000 (gal.)		4,000 (gal.)		6,000 (gal.)		30,000 (gal.)		300,000 (gal.)	
				Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean	Rank	% Dev. from Mean
Berea	Apr-85	\$6.35	1500	267.95	8	\$11.15	6	\$14.34	6	\$20.75	7	\$97.55	7	\$961.55	9
Cynthiana	Jul-04	14.50	2000	14.50	18	17.80	18	21.10	17	27.70	15	106.90	10	997.90	10
Danville	Jul-04	3.32	0	9.71	13	11.84	8	14.67	7	20.36	6	88.52	6	855.32	5*
Frankfort	Nov-03	8.40	2000	8.40	10	11.46	7	15.28	8	22.92	8	114.60	11	1,206.00	12*
Georgetown	Sep-04	7.11	2000	7.11	3	12.18	9	17.25	12	27.39	14	149.07	17	1,517.97	18
Harrodsburg	Oct-03	8.80	1870	9.41	12	12.76	11	17.08	11	25.72	10	124.20	13	1,223.80	13
Irvine	Nov-96	8.46	2000	8.46	11	12.89	12	16.42	9	23.48	9	101.55	9	923.55	7
Lancaster	Oct-99	4.91	1000	9.82	14	14.73	14	19.64	15	29.46	17	147.30	16	1,473.00	16
Lawrenceburg	Aug-03	10.58	2000	10.58	15	10.90	5	14.00	5	20.20	5	86.60	5	596.60	1
Lexington	Jul-02	0.00	0	5.77	2	8.64	1	11.51	1	17.28	2	86.40	3	864.00	6*
Nicholasville	Jul-00	3.71	0	7.69	6	14.87	15	18.59	14	26.03	13	115.31	12	1,119.71	11
Paris	Jan-99	10.66	2000	10.66	16	15.99	16	21.32	18	31.98	18	159.90	18	1,503.06	17
Richmond	Apr-02	7.30	2250	7.30	4	9.46	2	12.33	3	17.89	3	80.29	2	657.53	3
Stanford	Jul-99	7.49	2000	7.49	5	10.31	4	13.13	4	18.77	4	86.45	4	797.09	4
Stanton	Sep-87	10.35	1000	13.45	17	16.55	17	19.65	16	25.85	12	100.25	8	937.25	8
Versailles	Jun-04	3.29	0	7.79	5	10.04	3	12.29	2	16.70	1	70.79	1	637.79	2
Winmore	Jul-01	8.15	2000	8.15	9	12.55	10	16.95	10	25.75	11	131.35	14	1,319.35	14
Winchester	Mar-03	3.51	750	3.51	1	14.04	13	17.55	13	28.08	16	140.40	15	1,404.00	15
Mean		6.53		8.76		12.68		16.28		23.68		110.41		1,055.30	

* Industrial Rate

**TABLE 3
WATER RATE COMPARISON
(In Gallons and Cubic Feet)
for
Bluegrass ADD Cities Under Population 2,500**

City	Effective Date for Rates	Min. Bill	Min. Quantity (gall.)	Min. Quantity (cu ft)	2,000 Gallons (267 cu ft)		3,000 Gallons (400 cu ft)		4,000 Gallons (533 cu ft)		6,000 Gallons (800 cu ft)		30,000 Gallons (4000 cu ft)						
					Cost Per Month For:	Rank	% Dev. From Mean	Rank	% Dev. From Mean	Rank	% Dev. From Mean	Rank	% Dev. From Mean	Rank	% Dev. From Mean				
Burgin	Feb-04	\$7.89	750	100	\$15.72	9	12	\$21.96	14	17	\$27.55	13	17	\$39.73	10	20	\$154.75	7	-41
Carlisle	Jul-03	8.83	1000	133	11.41	2	-18	13.99	2	-25	16.57	1	-30	21.41	1	-35	59.05	1	-77
Clay City	Jul-97	12.50	2000	267	12.50	6	-11	16.89	4	-10	20.86	3	-12	28.86	3	-13	105.60	3	-60
Crab Orchard	Jan-02	12.10	2000	267	12.10	3	-13	16.60	3	-11	21.10	4	-11	29.60	4	-10	114.35	4	-56
Danville *	Jul-04	11.24	750	100	18.07	11	29	20.63	8	10	24.03	5	2	30.86	8	-7	371.93	11	239
Danville **	Jul-04	11.24	750	100	18.07	12	29	20.63	9	10	24.03	6	2	30.86	5	-7	371.93	12	239
Earbank	Nov-92	9.25	1000	133	14.20	7	2	19.15	7	2	24.10	7	2	33.55	6	2	122.05	5	-53
Hustonsville	Jul-04	9.71	2000	267	9.71	1	-31	13.91	1	-26	18.11	2	-23	25.19	2	-24	87.51	2	-67
Midway	Mar-01	6.21	1000	133	12.23	4	-12	18.25	5	-3	24.27	8	3	36.31	7	10	180.79	8	-31
Millersburg	Jul-03	7.62	1000	133	15.24	8	9	22.86	12	22	30.48	12	29	45.72	12	38	228.60	10	-13
N.Middletown Jun-02	16.00	2000	267	16.00	10	14	21.50	10	15	27.00	10	14	37.00	9	12	125.00	6	-52	
Stump Ground Nov-02	6.23	1000	133	12.46	5	-11	18.69	6	0	24.92	9	6	37.38	11	13	186.90	9	-29	
Mean		\$9.90			\$13.98			\$18.75			\$23.58			\$33.04			\$175.71		

* Junction area

** Perryville area

**TABLE 4
SEWER RATE COMPARISON
(In Gallons and Cubic Feet)**

for
Bluegrass ADD Cities Under Population 2,500

	Effective Date	Min. Bill	Min. Quantity (gal.)	Min. Qty. (cfd)	2,000 (gal.)		3,000 Gal. (400 cfd)		4,000 Gal. (533 cfd)		6,000 Gal. (800 cfd)		30,000 Gal. (4000 cfd)							
					Rank	% Dev. From Mean	Rank	% Dev. From Mean	Rank	% Dev. From Mean	Rank	% Dev. From Mean	Rank	% Dev. From Mean						
Berry	Mar-03	\$14,00	2,000	267	\$14.00	7	-9	\$20.30	8	2	\$26.60	9	5	\$39.20	11	9	\$190.40	10	17	
Burgin	No Sewer System																			
Carlisle	Jul-03	7.00	1,000	133	10.10	2	-34	13.20	2	-34	16.30	1	-36	22.39	2	-38	85.90	3	-47	
Clay City	Jul-97	13.75	2,000	267	13.75	6	-11	18.55	5	-7	22.95	5	-9	31.75	6	-12	137.35	6	-15	
Crab Orchard	Jan-02	11.17	1,000	133	15.23	9	-1	19.29	6	-3	23.35	6	-8	31.47	5	-12	128.91	4	-21	
Estill Co. S.D.	Feb-93	13.00	2,000	267	13.00	5	-15	19.50	7	-2	26.00	8	3	39.00	9	9	195.00	12	20	
Eubank	No Sewer System																			
Houstonville	No Sewer System																			
Jess-SE SD	Jan-00	12.06	2,000	267	12.06	4	-22	18.09	4	-9	24.12	7	-5	36.18	8	1	180.90	9	11	
N.Y. Am																				
(Boonesboro)	Feb-92	20.75	12,000	1,600	20.75	13	35	20.75	9	4	20.75	3	-18	20.75	1	-42	51.88	2	-68	
Mad Co SD#2	Oct-00	30.00	FLAT RATE																	
Midway	Jul-02	14.60	1,000	133	21.90	14	43	29.20	14	46	36.50	15	44	51.10	15	42	226.30	15	39	
Millersburg	Jul-04	7.25	1,000	133	14.50	8	-6	21.75	10	9	29.00	12	15	43.50	13	21	217.50	13	34	
N. Madison																				
Co SD**	Mar-04																			
Madison Village		25.00	FLAT RATE																	
Greens Crossing		25.00	2,105	280	25.00	15	63	30.00	15	45	30.00	13	17	30.00	4	17	35.00	1	-77	
Boones Trace		35.00	FLAT RATE																	
Bartlefield Est.		27.50	FLAT RATE																	
N. Middletown	Jun-02	16.00	2,000	267	16.00	10	4	22.00	11	10	28.00	10	11	39.00	10	9	139.00	7	-14	
Danville																				
(Junction City)	Jul-04	3.32	0	0	16.05	11	4	22.40	12	12	28.74	11	14	41.48	12		194.12	11		
Danville																				
(Perryville)	Jul-04	3.32	0	0	17.95	12	17	25.25	13	26	32.54	14	29	47.17	14	31	222.60	14	37	
Sadleville	Jul-97	9.20	2,244	300	9.20	1	-40	12.65	1	-37	17.24	2	-32	26.45	3	-26	136.85	5	-16	
Stamping Ground	Dec-99	5.50	1,000	133	11.00	3	-28	16.50	3	-17	22.00	4	-13	33.00	7	-8	165.00	8	2	
Mean		15.44			19.96			25.29			35.89			162.26						

*Madison Co. Sanitation District #2 was not included in rankings treatment for N. Madison Co. SD is provided by Richmond Utilities at a rate of \$3.18 per 1000 gallons

**Wastewater

TABLE 5
WATER RATE COMPARISON
(In Gallons and Cubic Feet)
For Rural Water Utilities

Effective Date	Min. Quantity (gal.)	2000 Gallons (267 cF)	Rank	% Dev. From Mean	3,000 Gallons (400 cF)	Rank	% Dev. From Mean	4,000 Gallons (533 cF)	Rank	% Dev. From Mean	6,000 Gallons (800 cF)	Rank	% Dev. From Mean	30,000 Gallons (4000 cF)	Rank	% Dev. From Mean	Principal County of Service	
																		Min. Bill
Corinth W/D	Feb-04	\$14.27	1000	31	58	\$35.05	31	72	\$15.44	31	76	\$65.08	31	82	\$264.28	30**	93	Grant
E. Clark Co. W/D	Sep-03	23.62	2000	30	52	33.18	30	63	42.74	30	65	61.86	30	73	266.90	31	95	Clark
East Casey Co. W/D	Jan-02	13.80	2000	11	-11	19.84	18	-3	26.10	20	1	38.65	23	8	166.15	25	21	Casey
Elkhorn W/D	May-02	10.38	2000	2	-33	14.24	4	-30	18.10	2	-30	25.35	3	-29	86.71	3	-57	Franklin
Estill Co. W/D	Oct-03	11.36	2000	5	-27	16.79	8	-18	22.22	9	-14	32.93	13	-8	129.65	15	-5	Estill
Ferriday W/D	Jul-03	8.18	2000	1	-47	10.77	1	-47	13.36	1	-48	18.04	1	-49	64.20	1	-53	Franklin
Garrard Co. WA	Jan-02	9.93	1000	15	-4	18.89	13	-7	22.63	10	-12	29.78	8	-17	112.10	11	-18	Garrard
Harrison Co. WA	Apr-04	15.15	2009	18	-3	20.60	20	1	25.89	18	0	35.97	19	1	150.93	22	10	Harrison
Jackson Co. WA	May-03	14.48	2000	13	-7	20.44	19	0	26.40	21	2	38.32	22	7	172.46	27	26	Jackson
Jess. S. Elkhorn W/D	Jan-01	21.38	2000	28	37	26.42	27	30	31.46	26	22	41.34	26	16	155.50	23	14	Jessamine
Jessamine Co. W/D #1	Jul-99	18.00	3000	23	16	18.00	10	-12	22.30	8	-14	30.60	10	-14	129.40	13	-5	Jessamine
Judy WA	Sep-03	11.22	1000	24	16	24.92	25	22	31.77	27	23	44.57	28	25	169.37	26	24	Montgomery
Kirksville WA	Mar-03	13.20	3000	10	-15	13.20	3	-35	25.48	17	-1	36.65	21	3	136.17	19	-1	Madison
Lake Village WA	Jan-04	19.39	2000	26	25	26.52	28	30	33.65	29	30	47.91	29	34	201.85	29**	47	Mercer
Madison Co. Utilities W/D	Apr-03	11.93	2095	8	-23	11.93	2	-41	21.22	6	-18	31.01	11	-13	142.45	21	4	Madison
Madkinney W/D	Aug-00	13.17	1000	22	13	22.17	22	9	26.01	19	1	33.69	15	-6	111.45	10	-19	Lincoln
N. Mercer W/D	Jan-04	10.56	1000	16	-4	19.40	15	-5	23.56	14	-9	31.67	12	-11	123.27	12***	-10	Mercer
N. Shelby Water Co.	Apr-01	11.16	2000	3	-28	15.62	7	-23	20.08	5	-22	27.88	6	-22	96.84	6	-29	Shelby
N.E. Woodford W/D	May-03	11.21	2000	4	-28	15.14	6	-26	19.07	4	-26	26.03	4	-27	99.35	7	-27	Woodford
Nicholas Co. W/D	May-01	13.13	1000	25	24	25.64	26	26	31.02	25	20	40.59	25	14	131.35	17	-4	Nicholas
Parksville W/D	Apr-02	16.00	1000	29	38	27.00	29	33	32.50	28	26	43.30	27	21	164.50	24	20	Boyle
Peaks Mill W/D	Apr-02	15.44	2000	19	-1	19.67	17	-3	23.30	12	-10	29.36	7	-18	87.68	4	-36	Franklin
Powell's Valley W/D	Feb-04	14.75	2000	14	-5	21.46	21	5	28.17	24	9	40.09	24	12	172.57	28	26	Powell
Reid Village W/D	Jun-98	16.34	2000	20	5	19.01	14	-7	21.68	7	-16	27.02	5	-24	91.10	5	-33	Montgomery
S. Anderson W/D	May-01	12.50	2000	9	-20	18.60	11	-9	23.75	15	-8	33.15	14	-7	107.30	9	-22	Anderson
S. Madison W/D	May-94	11.80	2000	7	-24	17.80	9	-13	23.40	13	-10	34.58	17	-3	138.67	20	1	Madison
S. Woodford W/D	Aug-03	19.82	2000	27	27	23.61	24	16	27.98	23	8	36.30	20	2	129.54	14	-5	Woodford
Sharpburg W/D	Mar-04	15.02	2000	17	-4	18.88	12	-7	22.74	11	-12	29.96	9	-16	105.60	8**	-23	Nicholas
US 60 W/D	May-02	11.02	1000	23	7	22.26	23	9	26.78	22	4	35.28	18	-1	130.80	16	-4	Shelby
W. Fleming W/D	Aug-02	11.60	2000	6	-26	14.90	5	-27	18.20	3	-30	24.80	2	-30	73.20	2	-47	Fleming
W. Rockcastle WA	Feb-04	14.40	2000	12	-8	19.50	16	-4	24.60	16	-5	34.40	16	-4	131.70	18	-4	Rockcastle
Mean		\$14.01				\$15.57			\$25.85			\$35.68			\$136.87			

**Based on 2-inch meter
 ***Based on 1 and 1/2-inch meter

TABLE 6
CUSTOMER, WATER USAGE, AND PURCHASE PRICE DATA
for
Water Utilities Purchasing Water for Resale

Water Utility	Number of Customers	Average Daily Purchase		Effective Purchase Price		% Line Loss Reported	Supplier
		in 1000 gal.	in 100 cu.ft.	in \$/1000 gal.	in \$/100 cu.ft.		
Bungin	482	91	122	1.10	0.82	1.0	Harrodsburg
Clay City	722	159	213	1.92	1.44	11.0	Deech Fork
Corinth W/D	933	204	273	2.49	1.86	19.6	Williamstown
Crab Orchard	575	107	143	1.89	1.42	22.0	Lancaster
East Casey Co. W/D	3,420	438	586	1.80	1.35	17.0	Liberty
		33	44	1.35	1.01		Russell Springs
E. Clark Co. W/D	2,139	367	491	1.69	1.26	8.3	Winchester
Elkhorn W/D	503	250	334	1.52	1.14	13.8	Frankfort
Estill Co. W/D	3,529	570	762	1.57	1.17	16.8	Irvine
Eubank	3,812	729	974	2.00	1.50	16.0	Somerset
Farmdale W/D	2,512	582	778	1.47	1.10	14.9	Frankfort
Garrard Co. W/A	4,701	569	761	1.74	1.30	14.8	Lancaster
		65	87	1.97	1.48		Berea College
Georgetown M/WSS	9,570	219	293	1.63	1.22		Danville
		393	525	1.55	1.16	15.0	Frankfort
Harrison Co. W/A	4,966	0	0	0.00	0.00		KY-American
		825	1103	1.85	1.38	8.7	Cynthiana
Hustonville	1,692	80	108	2.14	1.60	12.0	KY-American
Jessamine Co. W/D #1	1,489	263	351	1.62	1.21		Danville
Jessamine-South Elkhorn W/D	2,070	552	738	1.83	1.37	28.6	Nicholasville
Jessamine-South Elkhorn W/D	2,070	487	651	2.07	1.55	7.1	KY-American
Judy W/A	1,568	55	73	1.83	1.37		Nicholasville
		254	340	1.71	1.28	8.1	Mt. Sterling
Kirksville W/A	1,569	100	134	2.26	1.69	13.3	North Middletown
Lake Village W/A	2,025	272	363	2.26	1.69		Richmond
		215	287	1.59	1.19	28.0	Harrodsburg
Madison County Utilities	8,957	248	331	1.61	1.20		Danville
Midway	727	1810	2419	2.26	1.69	15.9	Richmond
Mckinney W/D	1,800	198	264	2.08	1.56	27.0	KY-American
		273	365	1.79	1.34	28.3	Stanford
Nicholas Co. W/D	1,742	56	75	3.25	2.43		Eubank
		89	119	1.58	1.18	8.2	Carlsle
		<1	<1	2.05	1.54		Buffallo Trail W/A
		2	3	1.73	1.29		Millersburg
		105	141	1.44	1.08		W. Pluming

Table 7 lists the 59 water utilities with their respective tap fees. Taps vary from sizes 3/4 x 5/8, 1", and 2" sizes. As listed below, prices vary depending on tap sizes.

TABLE 7
Water Tap-on Fees

	5/8" x 3/4" Meter	1" Meter	2" Meter		5/8" x 3/4" Meter	1" Meter	2" Meter
Berea College	\$0			Lancaster	\$300	\$400	\$600
Burgin	\$300			Lawrenceburg	\$1,000		
Carlisle	\$500	\$750	\$1,000	Lexington (KA)	\$440	\$765	\$3,175
Clay City	\$350			Madison Co. Utilities W/D	\$625	\$800	\$1,450
Corinth W/D	\$600			McKinney W/D	\$400		
Crab Orchard	\$450			Midway	\$850		
Cynthiana	\$300	\$150	\$650	Millersburg	\$450	\$550	
Danville	\$70			N. Mercer W/D	\$650	Actual Cost	Actual Cost
East Clark Co. W/D	\$550			N. Shelby Water Co.	\$500	\$600	Actual Cost
East Casey Co. W/D	\$445			N.E. Woodford W/D	\$600	\$850	
Hickhorn W/D	\$600	Actual Cost	Actual Cost	N. Middletown	\$400	Negotiable	Negotiable
				Nicholas Co. W/D	\$625		
Esell Co. W/D	\$350	Actual Cost	Actual Cost	Nicholasville	\$800		
				Paris	\$250	Actual Cost	Actual Cost
Kubank	\$400	\$575	\$875	Parksville W/D	\$450	Actual Cost	Actual Cost
Farmdale W/D	\$590	\$675	Actual Cost	Peaks Mill W/D	\$600		
				Powells Valley W/D	\$350		
Frankfort	\$315	\$575		Reid Village W/D	\$390		
Garrard Co. W/A	\$500	\$600		Richmond	\$495	\$600	\$995
Georgetown	\$700	\$980	\$2,030	S. Anderson W/D	\$850		
Harrison Co. W/A	\$600	\$800	\$1,210	S. Madison W/D	\$417		
Harrodsburg	\$850			S. Woodford W/D	\$400	\$600	
Hustonsville	\$575			Sharpsburg W/D	\$500		
Irvine	\$300			Stanford	\$200		
Jackson Co. W/A	\$400			Stanhan	\$350		
Jessamine S. Hickhorn W/D	\$650	\$775		Stamping Ground	\$600	\$615	Actual Cost
Jessamine Co. W/D #1	\$635	\$805	\$2,000	US 60 W/D	\$515	\$2,300	\$3,500
Judy W/A	\$50			Versailles	\$2,000		
Kirksville W/A	\$785	\$925	\$65	W. Fleming W/D	\$425		
Lake Village W/A	\$450	Actual Cost	Actual Cost	W. Rockcastle W/A	\$480		
				Willmore	\$1,000	\$520	\$1,100
				Winchester	\$250		

COUNTY	WATER	SEWER
Franklin		
Frankfort Water Plant Board	14,704	0
Frankfort	0	13,009
Elkhorn W D	495	0
Farmdale W D	2,512	231
US 60 W D	393	0
North Shelby Water Company W A	902	0
Peaks Mill W D	1035	0
Total	20,041	13,240
Garrard		
Lancaster	1,500	1,769
Garrard Co. W A	4,498	0
Crab Orchard	81	0
Western Rockcastle W A	156	0
Total	6,235	1,769
Harrison		
Cynthiana	2,623	2,510
Berry	0	120
Harrison Co. W A	4,154	0
K Y-American Water Company	99	0
Corinth W D	22	0
Total	6,898	2,630

COUNTY	WATER	SEWER
Jessamine		
Nicholasville	10,338	8,731
Wilmore	1,779	1,469
Jessamine W D No. 1	1,489	0
Jessamine-South Elkhorn W D	2,070	25
K Y-American Water Company	1	0
Total	15,677	10,225
Lincoln		
Stanford	2,897	1,825
Crab Orchard	494	339
Hustonsville	1,560	0
Eubank	1,716	0
McKinney W D	1,786	0
Garrard Co. W A	151	0
Western Rockcastle W A	585	0
Parksville W D	4	0
East Casco W D	20	0
Total	9,213	2,164

Table continued on page 19

Countries Outside Bluegrass ADD in Which the Utility Also Serves Bluegrass Area Customers

COUNTY	WATER	SEWER	COUNTY	WATER	SEWER
Bath					
Judy WA	40	0	Spencer		
Sharpsburg WD	855	0	US 60 Water District	187	0
Cass					
East Casey Water District	3,400	0	Shelby		
Eubank	294	0	US 60 Water District	1383	0
Parksville WD	34	0	N. Shelby Water Company W A	3320	0
McKinney Water District	14	0	Washington		
Henry					
North Shelby Water Co. W A	15	0	North Mercer WD	244	0
Jackson					
Jackson Co. WA	4,175	0			
Lee					
Esutt Co. WD No. 1	15	0			
Montgomery					
Judy WA	888	0			
Reid Village WD	1,046	0			
Pulaski					
Eubank	1,802	0			
Western Rockcastle W A	195	0			
Rockcastle					
Western Rockcastle W A	2,964	0			

Table 10
Publicly Owned Wastewater Treatment Plant Flows in the Bluegrass Area- 2003

Wastewater Treatment Facility	Treatment Plant Rated Capacity in MGD*	Average Flow in MGD*					Flow in MGD*	Percent Change 2001/2000	Flow in MGD*	Percent Change 2002/2001	Flow in MGD*	Percent Change 2003/2002
		1997	1998	1999	2000	2001						
Berea	2.34	2.2	2,524	2,147	2,337	2,324	-1	2,787	20	2,898	4	
Carlisle	0.35	0.279	0.32	0.19	0.183	0.244	33	0.241	-1	0.245	6	
Clay City	0.2	0.199	0.201	0.178	0.191	0.225	18	0.238	6	0.257	8	
Crab Orchard	0.11	0.068	0.071	N/A	0.053	0.048	-13	0.058	-51	0.049	-16	
Cynthiana	1.5	0.895	0.875	0.77	0.822	0.816	-1	0.886	9	0.893	1	
Danville	6.5	3,548	3,809	3,257	3,247	3,545	9	4.44	25	4.823	8	
Estill Co. Water District No. 1	0.157	0.15	0.184	0.114	0.151	0.15	-1	0.171	14	0.172	6	
Frankfort	9.9	6,975	6,467	5,573	6,308	6,442	2	6,075	-6	6,575	8	
Georgetown No. 1	4.5	2,996	2,837	2,601	2,278	1,746	-23	1,764	1	2,268	29	
Georgetown No. 2	2.2	1,061	1,147	1,027	0.983	0.954	-3	1,107	16	0.936	-15	
Hartrodsburg	2.68	1	1,283	1,108	1.1	1,192	8	1,283	8	1,317	3	
Irvine	0.601	0.444	0.672	0.546	0.488	0.554	24	0.612	10	0.662	8	
Lancaster	1	0.586	0.475	0.451	0.422	0.449	6	0.442	-2	0.496	11	
Lawrenceburg	1.9	1.09	1.24	0.99	1.238	1,289	4	1,312	2	1,565	16	
Lexington West Hickman	33.87	18,702	19,986	17,197	18,621	19,733	6	21,59	9	24,753	13	
Lexington Town Branch	30	17,355	16,125	15,687	17,792	19,909	12	21,49	8	23,119	7	
Mad. Co. San. Dist. No. 2	0.03	0.02	0.02	0.019	0.02	0.021	5	0.03	42	0.021**	30	
Midway	0.75	0.186	0.207	0.152	0.166	0.211	27	0.262	24	0.268	2	
Middlesburg	0.2	0.113	0.12	0.091	0.099	0.104	5	0.116	12	0.118	2	
Nicholasville - E. Brown Street	2.71	2,091	1,29	1,263	1,035	1,106	7	1,273	13	1,390	9	
Nicholasville - Jessamine Creek	3	N/A	0.94	0.831	1.013	1.401	38	1,772	26	1,735	-2	
North Middletown	0.085	0.121	0.143	0.0811	0.081	0.112	38	0.076	-32	0.080**	50	
North Point Training Center	0.3	0.172	0.177	0.177	0.18	0.192	7	0.172	-10	0.151**	-12	
Paris	2.7	1,201	1,232	1,127	1,352	1,434	6	1,344	-6	1,523	13	
Perryville	0.1	0.067	0.087	0.072	0.086	0.092	7	0.118	28	0.117	8	
Powell's Valley SD (Stable)	0.08									0.010		
Richmond Dreaming Creek	3.65	2,692	3,147	2,467	2,325	2,469	5	2,885	18	3,044	6	
Richmond Taux Creek	2.99	2,173	2,262	1,917	1,854	1,954	4	2,259	17	2,381	5	
Richmond Silver Creek	1	—	—	—	—	0.038	—	0.08	111	0.100	25	
Sadleville	0.033	0.01	0.005	0.004	0.004	0.006	50	0.013	117	0.007	-46	
Stamping Ground	0.14	0.05	0.059	0.059	0.054	0.069	28	0.072	4	0.067	-7	
Stanford	0.8	0.607	0.557	0.487	0.487	0.522	8	0.607	16	0.679**	11	
Stanton	0.46	0.485	0.539	0.381	0.379	0.43	13	0.483	12	0.532	9	
Versailles	3	2,307	2,247	1,812	1,895	2,038	8	1,805	-11	1,995**	10	
Wilmore	1	0.633	0.565	0.516	0.491	0.555	13	0.778	40	0.700	-10	
Winchester Mun. Utilities	4	3,411	3,578	3,235	3,423	3,584	5	3,349	-7	3,192	-5	

* Million Gallons Per Day

** Some Data Missing

SERVICE AREA	ISO RATING CLASS	SERVICE AREA	ISO RATING CLASS
LINCOLN COUNTY			
Lincoln County FD	9/10	POWELL COUNTY	
City of Crab Orchard	7	Clay City FD	6/9
City of Hustonville	7	Middlefork FD	9/9
City of Stanford	4	Stanton FD	7/9
MADISON COUNTY			
Berea FD	4/9	Tri Community FD	6/9
Kirksville FD	9/10	City of Clay City	6
Madison County FD	6/9	City of Stanton	7
Red Lick FD	9/10	SCOTT COUNTY	
Union City FD	9/10	Corinth FD	9/10
Waco FD	9/10	Scott County JFD (also serves City of Sadleville)	6/9
White Hall FD	9/10	Stamping Ground Rural FD	7/9
City of Berea	4	City of Georgetown	4/9
City of Richmond	3	City of Stamping Ground	6
MERCER COUNTY			
Mercer Co. FD	7/10	WOODFORD COUNTY	
City of Burgin	6	Woodford County FD	7/9
City of Harrodsburg	4	City of Midway	6
NICHOLAS COUNTY			
Nicholas County FD	7/9	City of Versailles	5
City of Carlisle	6/9		