

Introduced by McDavid

First Reading 08/15/11

Second Reading 09/06/11

Third Reading 09/19/11

Ordinance No. 021074

Council Bill No. B 231-11 A

### AN ORDINANCE

amending Chapters 13 and 22 of the City Code to increase sewage service utility rates; and fixing the time when this ordinance shall become effective.

SECTION 1. Chapter 13 of the Code of Ordinances of the City of Columbia, Missouri, is hereby amended as follows:

Material to be deleted in ~~strikeout~~; material to be added underlined.

Sec. 13-192. Charges for disposal services.

...

(b) The following charges shall be imposed for acceptable liquid waste generated within the city limits of Columbia which is discharged into the designated disposal facility:

- (1) Waste activated sludge from package wastewater treatment plants and stabilization pond sludge ..... ~~\$0.016~~ 0.184 per gallon
- (2) Portable/chemical toilet, domestic holding tank, septic tank and grease trap wastes..... ~~\$0.03~~ 0.035 per gallon
- (3) Treatment service availability..... ~~\$7.00~~ 8.05 per load

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SECTION 2. Chapter 22 of the Code of Ordinances of the City of Columbia, Missouri, is hereby amended as follows:

Material to be deleted in ~~strikeout~~; material to be added underlined.

Sec. 22-263. Charges for sewage service.

...

(b) The monthly volume charges for residential classifications shall be based on the average monthly billing of water usage during the immediate preceding calendar months of January, February and March as long as the average volume for these months is greater than two (2) Ccf per month. The monthly volume charges for all other customers shall be based on one hundred (100) percent of the monthly metered water used, except as otherwise provided in this Code.

- (1) *Sewage service charge rates.* Each user of the wastewater system of the city shall pay a base charge and a volume charge for the use of such system monthly. Sewage service charges shall be based on the following rates:

Residential base charge: .....\$ ~~5.52~~ 6.35

Non-residential Base Charge:			
Water Meter Size	Meter Capacity (gpm)	Capacity Difference	Base Charge by Meter Capacity
5/8-inch	15	-	<del>\$5.52</del> <u>6.35</u>
3/4-inch	25	1.67	<del>\$9.20</del> <u>10.58</u>
1-inch	50	3.33	<del>\$18.40</del> <u>21.16</u>
1½-inch	100	6.67	<del>\$36.80</del> <u>42.32</u>
2-inch	160	10.67	<del>\$58.88</del> <u>67.71</u>
3-inch	320	21.33	<del>\$117.76</del> <u>135.42</u>
4-inch	500	33.33	<del>\$184.00</del> <u>211.60</u>
6-inch	3,000	200.00	<del>\$1,104.00</del> <u>1,269.60</u>
8-inch	4,000	266.67	<del>\$1,472.00</del> <u>1,692.80</u>
10-inch	5,500	366.67	<del>\$2,024.00</del> <u>2,327.60</u>
12-inch	7,500	500.00	<del>\$2,760.00</del> <u>3,174.00</u>

Volume Charge:

Volume charge, per Ccf:.....\$ ~~1.825~~ 2.099  
Ccf = 100 cubic feet

- (2) *Extra strength charge.* Wastewater discharged to the wastewater system from commercial or industrial users shall be subject to an extra strength charge when the BOD or total suspended solids concentration exceeds three hundred (300) milligrams per liter (mg/l) by weight. All analyses shall be performed on composite samples collected at no less than hourly intervals over a twenty-four-hour period.

Extra strength charges shall be calculated based on one hundred (100) percent of metered water use, except as otherwise provided in section 22-269 of this Code, in accordance with the following formula:

$$S = V_s \times 0.00624 \times [\$0.206 \underline{0.237} (\text{BOD} - 300) + \$0.1411 \underline{0.1623} (\text{SS} - 300)]$$

Where:

S	=	Surcharge in dollars monthly.
Vs	=	Sewage volume in 100 cubic feet per month.
0.00624	=	Conversion factor for hundred cubic feet to million pounds.
<del>\$0.206</del> <u>0.237</u>	=	Unit charge for BOD in dollars per pound; of which <del>\$0.161</del> <u>0.185</u> represents the user charge portion and <del>\$0.045</del> <u>0.052</u> represents capital charges.
BOD	=	BOD strength index in mg/l by weight.
300	=	Allowed BOD and suspended solids strengths in mg/l by weight.
<del>\$0.1411</del> <u>0.1623</u>	=	Unit charge for suspended solids in dollars per pound; of which <del>\$0.10856</del> <u>0.12484</u> represents the user charge portion and <del>\$0.0325</del> <u>0.0374</u> represents capital charges.
SS	=	Suspended solids strength index in mg/l by weight.

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SECTION 3. The new rates established in this ordinance shall take effect on October 1, 2011; provided that rates for monthly charges shall be applied to utility bills beginning with the first cycle billed in October, 2011.

SECTION 4. This ordinance shall be in full force and effect from and after its passage.

PASSED this 19th day of September, 2011.

ATTEST:

Sheela Amin  
City Clerk

Robert McDavid  
Mayor and Presiding Officer

APPROVED AS TO FORM:

Fred Boeckmann  
City Counselor