

Introduced by _____

First Reading _____

Second Reading _____

Ordinance No. _____

Council Bill No. B 181-18

AN ORDINANCE

amending Chapter 22 of the City Code as it relates to sanitary sewer utility rates; and fixing the time when this ordinance shall become effective.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. 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.

(a) There is hereby levied on each wastewater system user having any sewer connection with the wastewater system of the city or otherwise discharging sewage, industrial waste, or other liquids, either directly or indirectly into the city's wastewater system, a sewage service charge. The sewage service charge shall have the following components:

...

(b) The monthly volume charges for residential classification shall be based on the average monthly billing of water usage during the calendar months of November, December, January, February and March dropping out the highest and lowest usage months and rounded to two decimals. If the calculated average usage results in an average of less than one (1) CCF, the average will be recalculated using the water usage for the previous twelve (12) month billing periods, April through March, rounded to two decimals. If the residential user does not have the appropriate number of billing periods necessary for calculating a winter-quarter average, a minimum volume usage will be billed until a winter-quarter average can be established. The minimum volume usage charge will be calculated by using the average water usage for all residential city metered water customers, for the most recent months of November through March, removing the highest and lowest usage months and rounded to the nearest whole number. Winter-quarter average shall transfer to any residential customer who moves to a new residential address. 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: ~~\$12.25~~ 12.37

<i>Non-residential Base Charge:</i>			
<i>Water Meter Size</i>	<i>Meter Capacity (gpm)</i>	<i>Capacity Difference</i>	<i>Base Charge by Meter Capacity</i>
5/8-inch	20	1	\$12.25 <u>12.37</u>
3/4-inch	30	1.5	\$18.39 <u>18.57</u>
1-inch	50	2.5	\$30.64 <u>30.95</u>
1½-inch	100	5	\$61.27 <u>61.88</u>
2-inch	160	8	\$98.03 <u>99.01</u>
3-inch	320	16	\$196.07 <u>198.03</u>
4-inch	500	25	\$306.35 <u>309.41</u>
6-inch	1,000	50	\$612.71 <u>618.84</u>
8-inch	1,600	80	\$980.33 <u>990.13</u>
10-inch	2,300	115	\$1,409.22 <u>1,423.31</u>
12-inch	4,300	215	\$2,634.64 <u>2,660.99</u>

Volume Charge:

Volume charge, per Ccf: ~~\$2.52~~ 2.55

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:

$$S = V_s \times 0.00624 \times [\$0.321 \text{--} \underline{0.324} (\text{BOD} - 300) + \$0.220 \text{--} \underline{0.222} (\text{SS} - 300)]$$

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.
\$0.321 <u>0.324</u>	=	Unit charge for BOD in dollars per pound; of which \$0.215 <u>0.216</u> represents the user charge portion and \$0.106 <u>0.108</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.
\$0.220 <u>0.222</u>	=	Unit charge for suspended solids in dollars per pound; of which \$0.14772 <u>0.1491</u> represents the user charge portion and \$0.07276 <u>0.0734</u> represents capital charges.
SS	=	Suspended solids strength index in mg/l by weight.

...

SECTION 2. The new rates established in this ordinance shall take effect on October 1, 2018; provided that rates for monthly charges shall be applied to utility bills beginning with the first cycle billed in October, 2018.

SECTION 3. This ordinance shall be in full force and effect from and after its passage.

PASSED this _____ day of _____, 2018.

ATTEST:

City Clerk

Mayor and Presiding Officer

APPROVED AS TO FORM:

City Counselor