

Introduced by _____

First Reading _____

Second Reading _____

Ordinance No. _____

Council Bill No. B 228-17

AN ORDINANCE

amending Chapter 22 of the City Code as it relates to sanitary sewer utility rates and sanitary sewer utility connection fees; 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. 22-241. Definition; purpose; funding.

Joint district sewers are those which have been or may be constructed or acquired under the authority of ordinances uniting one or more districts and unorganized territory, or uniting districts or unorganized territory into a joint sewer district, for the purpose of providing main, outlet or intercepting sewers, for the benefit of such joint sewer district, and paid for in whole or in part by special assessment upon the property in such joint sewer; ~~sewer~~ district.

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Sec. 22-262. Classification of users.

(a) All users of the wastewater treatment system are hereby classified in the following manner:

- (1) Residential. A residential user is a user of a dwelling unit that is connected to the city's sanitary sewer system and individually served by one (1) water meter.
- (2) Nonresidential. Nonresidential users are all users of the city's sanitary sewer system that are not residential users.
- (3) Excepted. Notwithstanding any other provisions of this division, no user shall

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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:

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(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: ~~\$41.56~~ 12.25

<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	\$11.56 <u>12.25</u>
3/4-inch	30	1.5	\$17.35 <u>18.39</u>
1-inch	50	2.5	\$28.91 <u>30.64</u>
1½-inch	100	5	\$57.80 <u>61.27</u>
2-inch	160	8	\$92.48 <u>98.03</u>
3-inch	320	16	\$184.97 <u>196.07</u>

4-inch	500	25	\$289.04 <u>306.35</u>
6-inch	1,000	50	\$578.03 <u>612.71</u>
8-inch	1,600	80	\$924.84 <u>980.33</u>
10-inch	2,300	115	\$1,329.46 <u>1,409.22</u>
12-inch	4,300	215	\$2,485.51 <u>2,634.64</u>

Volume Charge:

Volume charge, per Ccf: ~~\$2.38~~ 2.52

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:

$$S = V_s \times 0.00624 \times [\$0.303\text{--}\underline{0.321} (\text{BOD} - 300) + \$0.208\text{--}\underline{0.220} (\text{SS} - 300)]$$

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.
\$0.303 <u>0.321</u>	=	Unit charge for BOD in dollars per pound; of which \$0.203 <u>0.215</u> represents the user charge portion and \$0.100 <u>0.106</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.
\$0.208 <u>0.220</u>	=	Unit charge for suspended solids in dollars per pound; of which \$0.13936 <u>0.14772</u> represents the user charge portion and \$0.06864 <u>0.07276</u> represents capital charges.
SS	=	Suspended solids strength index in mg/l by weight.

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Sec. 22-264. Connection fees.

(a) The following definitions apply to this section:

~~Expanded~~ Modified user of the wastewater system means the owner or occupant of property that is currently ~~has previously been~~ connected to the wastewater system who is increasing the size or number of water meters serving the property or adding dwelling units.

New user of the wastewater system means the owner or occupant of property that is being connected to the wastewater system for the first time.

(b) Each new user of the wastewater system shall pay a wastewater system connection fee. The fee shall be ~~two thousand dollars (\$2,000.00)~~ two thousand four hundred dollars (\$2,400.00) per dwelling unit. If there are uses on the property other than dwelling units, the new user of the wastewater system shall pay a wastewater system connection fee based on the size of the water meter that would be required to serve the additional use that shall serve the property in accordance with the following table:

<i>Size of Water Meter Inches</i>	<i>Connection Fee</i>
5/8	\$ 2,000.00 <u>2,400.00</u>
3/4	3,000.00 <u>3,600.00</u>
1	5,000.00 <u>6,000.00</u>
1½	10,000.00 <u>12,000.00</u>
2	16,000.00 <u>19,200.00</u>
3	32,000.00 <u>38,400.00</u>
4	50,000.00 <u>60,000.00</u>
6	100,000.00 <u>120,000.00</u>
8	160,000.00 <u>192,000.00</u>
10	230,000.00 <u>276,000.00</u>
12	430,000.00 <u>516,000.00</u>

(c) Each ~~modified~~ expanded user of the wastewater system who is increasing the size of a water meter shall pay a connection fee equal to the difference between the connection fee shown in subsection (b) for the size water meter which was in place prior to the expansion and the connection fee shown in subsection (b) for the size of the water meter to be installed. Each modified ~~expanded~~ user of the wastewater system who is increasing the number of water meters serving the property shall pay a connection fee for each additional water meter in accordance with the table in subsection (b). Each modified user that is adding one (1) or more dwelling units shall pay the per dwelling unit connection fee in subsection (b). There shall be no refund for a decrease in the size of the water meter installed on the property.

(d) The director ~~shall~~ may reduce the amount of the connection fee when the new or modified ~~expanded~~ user of the wastewater system clearly establishes that a substantial portion of the water to be metered ~~shall~~ will not be discharged into the wastewater system. The amount of the reduced connection fee shall be based on the size of the water meter that would have been required to provide that portion of the water to be metered which is that shall be discharged into the wastewater system. The director shall not apply the connection fee when metering changes do not change the volume of discharge to the sewer system. In the event the director determines the user is discharging a higher volume of wastewater into the system than allotted by the reduced connection fee, the director may require the user to increase the size of water meter assigned for the purpose of establishing the connection fee in this subsection and the user shall pay an additional connection fee equal to the difference. Each modified user that is adding one (1) or more dwelling units shall pay the per dwelling unit connection fee in subsection (b). There shall be no refund for a decrease in the size of the water meter installed on the property.

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SECTION 2. The new rates established in this ordinance shall take effect on October 1, 2017; provided that rates for monthly charges shall be applied to utility bills beginning with the first cycle billed in October, 2017.

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

PASSED this _____ day of _____, 2017.

ATTEST:

City Clerk

Mayor and Presiding Officer

APPROVED AS TO FORM:

City Counselor