

Add to Article XIV

The rates set forth in this section shall become effective January 1, 2018, and shall continue in effect until changed.

<i>Year</i>	<i>Customer Class</i>	<i>Charge per Thousand Gallons</i>	<i>Charge per Thousand Gallons Out of District</i>
2018	Low Strength Commercial	\$15.81	\$23.72

(A) Commercial, institutional or industrial wastewater surcharge.

(1) Surcharge rate for excess BOD, TSS and TKN. The surcharge rates for BOD, TSS and TKN applied to total strength concentrations exceeding the base levels for significant industrial users as set forth in Section 8.6.1 of the Rules and Regulations shall be as follows:

<i>Contaminant</i>	<i>2018</i>
BOD, per lb.	\$0.75
TSS, per lb.	\$0.50
TKN, per lb.	\$0.75

#### 8.1.6 Sewer Charges.

- (1) In determining the Fees to be imposed pursuant to Article XIV, rates for sewer service will consist of
  - (i) a volumetric use charge (ii) a service charge and (iii) applicable surcharges based on wastewater strength.
    - (i) The volumetric use charge is based upon wastewater production per thousand (1000) gallons.
    - (ii) Service charges are based on wastewater having an average Biological Oxygen Demand (BOD) and Total Suspended Solids (TSS) loadings which do not exceed three hundred (300) milligrams per liter and Total Kjeldahl Nitrogen (TKN) less than 50 milligrams per liter.
    - (iii) A surcharge will be imposed on wastewater having an average daily concentration of BOD that is greater than 300 milligrams per liter, or concentration of TSS greater than 300 milligrams per liter, or TKN greater than 50 milligrams per liter.
    - (iv) Standard concentration values will be based upon data obtained from the system wastewater monitoring program or from nationally accepted industry standards. Any system user subject to a surcharge for the discharge of excessive pollutants shall, at its own expense and at no expense to the District, install suitable provisions for wastewater monitoring and sampling facilities in accordance with plans and specifications approved by the District.
- (2) Surcharge
  - (i) The surcharge shall be paid in addition to the normal sewer user volumetric charge and service charge computed according to the provisions of this Article.
  - (ii) The surcharge rates for BOD, TSS and TKN applied to total strength concentrations exceeding the base levels shall be as set forth in the Schedule of Fees, adopted pursuant to Article XIV.
  - (iii) Formula for calculation of excessive pollutant surcharge.

The surcharge for excessive pollutant discharge to the wastewater system shall be calculated in accordance with the following formula:

$$Cs = [(Bc)(B) + (Sc)(S) + (Tc)(T) + (Pc)(P)] \times (Vu) \times 8.34$$

Where:

"Cs" equals the monthly charge, in dollars, for District treatment of wastewaters with excessive concentrations of regulated constituents.

"Bc" equals extra strength surcharge rate in dollars for treatment of one pound of BOD.

"B" equals the concentration of BOD, expressed in milligrams per liter, discharged by a significant industrial user in excess of an established base level.

"Sc" equals an extra-strength surcharge rate in dollars for treatment of one pound of TSS.

"S" equals the concentration of TSS, expressed in milligrams per liter, discharged by a significant industrial user in excess of an established base level.

"Tc" equals the extra-strength surcharge rate in dollars for treatment of one pound of TKN.

"T" equals the concentration of TKN, expressed in milligrams per liter, discharged by a significant industrial user in excess of an established base level.

"Pc" equals the extra-strength surcharge for treatment of any unit of pollutant, as determined by the District Board upon any future ordinance specifically applying to any pollutant.

"P" means the concentration of any pollutant, expressed in milligrams per liter, discharged by a significant industrial user in excess of an established base level.

"Vu" equals the total volume of wastewater, expressed in million gallons, discharged monthly by a significant industrial user to the Wastewater System.

Example Calculation (5,000 gpd user with 1000 mg/L BOD, 1000 mg/L TSS, 100 mg/L TKN): Refer to Article XIV for schedule of fees for contaminant surcharges.

An industrial user contributes 5,000 gallons per day with an average BOD concentration of 1000 mg/L, average TSS of 1000 mg/L, and average TKN of 100 mg/L. The total monthly charge would be \$117.10 based on the significant industrial user equation.

$$Cs = [ \{ (\$0.75)(1000 - 300 \text{ mg/L}) + (\$0.50)(1000 - 300 \text{ mg/L}) + (\$0.75)(100 - 50 \text{ mg/L}) + (0)(0) \} \times (0.005 \text{ MGD}) \times 8.34 ] = \$38.05$$

$$\text{Total monthly charge} = (\$15.81)(5) + \$38.05 = \$117.10$$

#### 8.1.7 Water Softeners.

Water Softening systems are not allowed. Exemption to this rule may be granted by the District on a case-by-case basis. Requests for exemptions to this rule must be submitted in writing to the District Manager.