

SANITARY SEWER SURCHARGES

APPLICABILITY This procedure shall apply to those commercial and industrial customers receiving sanitary sewer service from the Fayetteville Public Works Commission (“PWC”), who are identified by the pretreatment program administered by PWC, as discharging high strength wastewater into the sanitary sewer system.

PURPOSE

The purpose is to appropriately distribute the costs of treating sanitary sewer wastewater to nonresidential customers discharging high strength wastewater, defined by the Sanitary Sewer Use Ordinance of the City of Fayetteville.

DEFINITIONS

Biochemical Oxygen Demand (BOD) - shall mean the quantity of oxygen, expressed in milligrams per liter (mg/l), utilized in the biochemical oxidation of organic matter under standard laboratory procedures in five (5) days at 20 degrees Celsius.

Carbonaceous Biochemical Oxygen Demand (CBOD) - shall mean the quantity of oxygen, expressed in milligrams per liter (mg/l), utilized in the biochemical oxidation of organic matter under standard laboratory procedures in five (5) days at 20 degrees Celsius, minus the nitrogenous oxygen demand fraction.

Total Suspended Solids (TSS) - shall mean total suspended matter that either floats on the surface of, or is in suspension with, water, wastewater, or other liquids and is removable by laboratory filtration as proscribed in "Standard Methods".

Total Kjeldhal Nitrogen - shall be defined as the sum of organic nitrogen, ammonia (NH₃) and ammonium (NH₄) that can be found in water.

High Strength Wastewater - shall be defined as wastewater having a BOD or CBOD of greater than 300 mg/l and/or a TSS of greater than 300 mg/l and/or Ammonia Nitrogen content greater than 50 mg/l.

Customers who discharge high strength waste shall be monitored by PWC at least once during a six (6) month period.

PWC shall collect samples of the waste and shall analyze its properties to determine if surcharges will be applied in accordance with these Service Regulations and Charges.

Any applicable Sanitary Sewer Surcharge will be calculated on a rolling 12-month average, based on the data collected by PWC along with any data submitted to PWC by the Customer.

SCHEDULE SSS (Rev. 10)

For Service and Consumption starting: April 2024

All Charges Effective: May 1, 2024

Adopted: February 28, 2024

SANITARY SEWER SURCHARGES

(continued)

Any applicable Sanitary Sewer Surcharge will be billed monthly utilizing the Customer’s current sanitary sewer flow as applied to their monthly sewer bill and the current average pollutant concentrations, and such surcharge shall be calculated as follows:

$$[(C \times V \times 8.34)/1000] \times R = \text{monthly surcharge fee}$$

Where:

- C = 12-month average of pollutant concentration that exceeds 300 mg/l
- V = monthly volume of sewer discharge in million gallons
- R = surcharge rate in dollars

The surcharge rate shall be applied as stated below.

SURCHARGES (PER 1,000 POUNDS)

| | |
|--|-----------------|
| 5-Day BOD/CBOD in excess of 300 mg/l | \$531.40 |
| TSS in excess of 300 mg/l | \$566.27 |
| Ammonia Nitrogen in excess of 50 mg/l | \$748.87 |

Note: The customer will be billed for excess BOD/CBOD, TSS, Ammonia Nitrogen or both, depending on the results of laboratory tests, as described in PWC’s Sanitary Sewer Surcharge Procedure.

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