



Electric & Water Utilities

SANITARY SEWER SURCHARGES

APPLICABILITY This procedure shall apply to those commercial and industrial customers receiving sanitary sewer service from the Public Works Commission who are identified, by the pretreatment program administered by the Commission, 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 (TKN)-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 TKN content greater than 50 mg/l.

SURCHARGES (PER 1,000 POUNDS)

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|--|------------------------|
| <i>5-Day BOD/CBOD in excess of 300 mg/l</i> | <i>\$311.50</i> |
| <i>TSS in excess of 300 mg/l</i> | <i>\$134.20</i> |
| <i>TKN in excess of 50 mg/l</i> | <i>\$685.60</i> |

Note: The customer will be billed for excess BOD/CBOD, TSS, and TKN, depending on the results of quarterly laboratory tests, as described in the Public Works Commission's Sanitary Sewer Surcharge Procedure.