

Sewer Surcharge

The Sewer Surcharge is a recovery cost for the treatment of High Strength wastewater, which is defined as wastewater with a concentration greater than 200 mg/L of both BOD & TSS.

BOD Charge = (BOD Result – 200 mg/L) x \$0.234 x Discharge (MG) x 8.34

TSS Charge = (TSS Result – 200 mg/L) x \$0.546 x Discharge (MG) x 8.34

BOD Charge + TSS Charge = Total Surcharge

Where as:

BOD – Biochemical Oxygen Demand

TSS – Total Suspended Solids

Discharge - % of water consumption from utility bill converted to MG

200 mg/L – Limit of BOD & TSS (Domestic Wastewater)

8.34 – Conversion factor of 8.34 lb per gallon of wastewater

\$0.234 – dollar amount per pound of BOD

\$0.546 – dollar amount per pound of TSS