

Wastewater Surcharge Rider

(Inside City Limits)

Department of Public Utilities – Orangeburg, South Carolina

Surcharge:

For all rates where the Wastewater Surcharge applies and for all waste with BOD and/or suspended solid concentrations in excess of 300 milligrams per liter and oil and grease concentration in excess of 100 mg/l.

$$S = V \times f$$

Where:

- f = $0.00624 ((\$0.53 (\text{BOD}-300) + \$0.28 (\text{TSS}-300) + \$0.19 (\text{O\&G}-100))$
 - S = Industrial waste surcharge in dollars
 - V = Sewage volume in hundred cubic feet
 - 0.00624 = Conversion factor for hundred cubic feet to million pounds
 - BOD = The greater of BOD strength index in parts per million by weight* or 300 parts per million by weight
 - 300 = Allowable BOD strength under normal volume charges in parts per million by weight*
 - TSS = The greater of suspended solids strength index in parts per million by weight* or 300 parts per million by weight
 - 300 = Allowable suspended solids strength under normal volume charges in parts per million by weight*
 - O&G = The greater of oil and grease strength in ppm by weight* or 100 parts per million by weight
 - 100 = Allowable oil and grease strength
- *or mg/l

COD values may be substituted for BOD values at the discretion of the Department of Public Utilities. When COD values are used, the formula shall be modified as follows:

$$f = 0.00624 ((\$0.44 (\text{COD}-450) + \$0.28 (\text{TSS}-300) + \$0.19 (\text{O\&G}-100))$$

where COD = The greater of COD strength index in parts per million by weight* or 450 parts per million by weight.

Note: “General Terms and Conditions” in effect apply to above

Effective: October 1, 2017