

INDUSTRIAL WASTE CHARGES

These Industrial Waste charges are in addition to normal domestic water and sewer charges.

Monitored and Non-monitored Customers

IWC (Industrial Waste Charge) = \$0.30 per ccf

Monitored Customers Only

CBOD any concentration 235 mg/l or over \$0.24 per pound

TSS any concentration 250 mg/l or over \$0.10 per pound

Ammonia any concentration 20 mg/l or over \$0.50 per pound

Non-monitored Only

SEHS (Commercial High Strength Volume Charge) = \$0.40 per ccf

7.48 gallons = 1 cubic feet

8.34 lbs. = 1 gallon

Example Calculations for Monitored Account

Take an average of the results that were sent in. This is done by adding the total results and dividing by the number of days that were monitored.

7/30/02 3700 mg/l

7/31/02 3600 mg/l

8/1/02 4000 mg/l

8/2/02 3600 mg/l

$3700+3600+4000+3600 = 14900/4 = 3725$ for your average

The surplus is anything over 235 mg/l (parameter for CBOD).

Your surplus would be $3725 - 235 = 3490$ mg/l

The national standard number is used to calculate all industry bills for the surcharge of high strength industrial waste. This number is

0.0062355

The surplus is multiplied by the national standard number.

$3490 * 0.0062355 = 21.761895$ (factor)

The amount charged is calculated by multiplying the metered flow for the month, factor, and C-BOD charge (\$0.24).

$$= \quad \mathbf{4665-4591} \text{ (this month's meter reading - last month's meter reading)}$$
$$= \quad \mathbf{74 * 21.761895 * 0.24 = \$ 386.49}$$

Each parameter (CBOD, TSS, and Ammonia) will have different results, but the calculations are done in the same method.