

## BCWS SURCHARGE RATES

<b>Industrial Extra-Strength Surcharge Structure for BCWS</b>						
	BOD**	COD**	TSS**	Ammonia	O&G	TP
Limits (mg/l)	> 200	> 500	> 200	> 20	> 50	> 15
Surcharge (\$/lb)	0.26	0.12	0.30	1.55	0.76	1.94

<sup>1</sup> – Surcharge for BOD/COD is based on the greater of the two calculated surcharges, not both

\* Industrial extra-strength surcharge rates as approved by the Board of Butler County Commissioners and updated as needed to accurately reflect costs of service; contact BCWS for a copy of the most current rates.

\*\* To the extent the strength of a pollutant (TSS; BOD or COD) is less than eighty percent (80%) of the corresponding value for acceptable strength sewage, a credit will be allowed as an offset against surcharge otherwise due when there is no prohibited violations for any parameter during the billing period. The credit shall be calculated by multiplying the herein above specified surcharge rate for the pollutant in question times the difference between actual pollutant concentration in mg/l and eighty percent (80%) of the corresponding value for normal sewage. For BOD/COD, the surcharge credit will be based on the greater allowable credit for the individual pollutant, not both. No credit will be allowed in excess of the surcharges otherwise due. No credit will be allowed to offset surcharge due for total phosphorus.

### CONVENTIONAL SURCHARGE

#### Example: Industry X

Surcharge = (mg/l-allowable mg/l) \* 8.34\*  
MG\*surcharge/Lb

Total Sewer Flow – 18.636 MG  
BOD - 355 mg/l;  
COD – 638 mg/l  
TSS – 99 mg/l

BOD surcharge = (355-200)\*8.34\*18.636\*\$0.26  
= \$6,263.60  
COD surcharge = (638-500)\*8.34\*18.636\*\$0.12  
= \$2,573.83  
TSS surcharge = (99-200)\*8.34\*18.636\*\$0.30  
= \$0.00

Total conventional pollutant surcharge =  
\$6,263.60

### SURCHARGE CREDIT

#### Example: Industry X

Total Sewer Flow – 18.636 MG  
BOD - 355 mg/l;  
COD – 638 mg/l  
TSS – 99 mg/l

BOD surcharge = (355-200)\*8.34\*18.636\*\$0.26  
= \$6,263.60  
COD surcharge = (638-500)\*8.34\*18.636\*\$0.12  
= \$2,573.83  
TSS surcharge **credit** = (160-  
99)\*8.34\*18.636\*\$0.30 = **\$2,844.26**

Total conventional pollutant surcharge =  
\$6,263.60-\$2,844.26\$- = \$3,419.34