## Commercial Sewer Bill EDU Calculation Example

Example (Restaurant):								
	AWV	SFBOD	SFTSS	C1	C2	Сз	=	Lbs./Yr.
	hcf/yr.	Mg/L	Mg/L					
BOD lbs/Yr. =	372.00	1,000		0.00624	0.4679		=	1086 lbs./yr.
TSS lbs/Yr. =	372.00		600	0.00624		0.5858	=	816 lbs./yr.

Calculation of Pounds of BOD and TSS:					
Lbs. of BOD/yr. =	AWV x SFBOD x C1 x C2				
Lbs. of TSS/yr. =	AWV x SFTSS x C1 x C3				
AWV =	Annualized Winter Volume (hcf/yr.)				
SFBOD =	BOD Strength Factor in Mg/L (varies by customer class)				
SFtss =	TSS Strength Factor in Mg/L (varies by customer class)				
C1=	CONVERSION FACTOR FROM Mg/L to Lbs/year = 7418 x 8.34/10^6 = 0.00624				
C2 =	Treatment Plant Mass Balance Adjustment Factor for BOD = 0.4679				
C3 =	Treatment Plant Mass Balance Adjustment Factor for BOD = 0.5858				

