Figure: 30 TAC §317.4(g)(4)(B)(i)(II)

$$\text{Air Flowrate} = \frac{(\text{lbs.BOD5/day})\ (\text{lbs.}O_2\ \text{Req'd/lb.BOD5})}{\text{Required (scfm) Wastewater T.E. x 0.23 x 0.075 x 1440}}$$

Where:

Wastewater T.E. = Wastewater Transfer Efficiency, %
0.23 = lb O_2/lb air at 20 degrees Celsius
1440 = minutes/day
0.075 = lb of air/(cubic foot)