

Figure: 30 TAC §217.53(1)(2)(B)

Equation C.2. Manning's Formula.

$$V = \frac{1.49}{n} \times R_h^{0.67} \times \sqrt{S}$$

Where:

V = velocity (ft/sec)

n = Manning's roughness coefficient (0.013)

R_h = hydraulic radius (ft)

S = slope (ft/ft)