Figure 1: 30 TAC §217.211(e)(3)(B)

Equation H.4. Darcy's Law.

$$Q = K_s \times A \times S$$

Where:

Q = Design flow (gallons/day)

K_S = Media hydraulic conductivity (gallons/square foot/day)

(see Figure 2: 30 TAC §217.211(e)(3)(B), Table H.1.)

S = Hydraulic gradient (foot/foot)

A = Cross sectional area perpendicular to the flow (square feet)