

$$N = R_0 = M - K_1 h - K_2 h^2 - \dots$$

$$= R_0(h)$$

$$R_0(h/3) = M - K_1 h/3 - K_2 h^2/9 - \dots$$

$$R_0(h/9) = M - K_1 h/9 - K_2 h^2/81 - \dots$$

$$\frac{R_0(h/3) - \frac{1}{9} R_0(h/9)}{8/9} = \frac{8}{9}$$

SINCE WE
WANT TO
CANCEL FIRST
ORDER TERM

$$27 R_0(h/3) - R_0(h/9) = (M - \cancel{K_1 h/3} - K_2 h^2/9 - K_3 h^3/27 - \dots) - \dots$$

w/ R_0 w/ LARGER h

$$\dots = (M - K_1 h/9 - K_2 h^2/81 - K_3 h^3/729 - \dots)$$

$$\rightarrow 27 R_0(h/3) - R_0(h/9) = (27M - K_1 \frac{27}{3} h - K_2 \frac{27}{9} h^2 - K_3 \frac{27}{27} h^3 - \dots) - \dots$$

$$= (M - K_1 h/9 - K_2 h^2/81 - K_3 h^3/729 - \dots)$$

WATER 4 CLAIMS (MFD)