

4a

$$N(h) = M - K_1 h - K_2 h^2 - K_3 h^3$$

$$N(h) = R_0(h)$$

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

→ MULTIPLY $R_0(h)$ BY $1/3$ AND SUBTRACT
 $R_0(h)$

$$\frac{1}{3}R_0(h) - R_0(h/3) = -\frac{2}{3}M + \dots$$

$$- \frac{\frac{1}{3}R_0(h) - R_0(h/3)}{2/3} = M + \tilde{K}_2 h^2 + \tilde{K}_3 h^3$$

$$R_0(h/9) = M - K_1 \frac{h}{9} - K_2 \frac{h^2}{81} - K_3 \frac{h^3}{729}$$

$$- \frac{\frac{1}{3}R_0(h/3) - R_0(h/9)}{2/3} = M + \hat{K}_2 h^2 + \hat{K}_3 h^3$$

WATER