

Str. 24 / uloka 117

$$m = 76,7 \text{ kg}$$

$$\rho = 940 \frac{\text{kg}}{\text{m}^3}$$

$$h = 0,8 \text{ mm} = 0,0008 \text{ m}$$

$$S = ? [\text{m}^2]$$

$$V = S \cdot h$$

$\Rightarrow$

$$S = \frac{V}{h}$$

$$S = \frac{0,082}{0,0008}$$

$$S = 102,5 \text{ m}^2$$

$$\rho = \frac{m}{V}$$

$\Rightarrow$

$$V = \frac{m}{\rho}$$

$$V = \frac{76,7}{940}$$

$$V = 0,082 \text{ m}^3$$

Plocha hladiny potoka je  $102,5 \text{ m}^2$ .