

## Percent Removal - Answers

### Problem 1

$$\begin{aligned}\text{Percent Removal} &= \frac{(45,455,000 \text{ gal} - 39,422,500 \text{ gal})}{45,455,000} \times 100 \\ &= \frac{6,032,500 \text{ gal}}{45,455,000 \text{ gal}} \times 100 \\ &= 13.28\%\end{aligned}$$

### Problem 2

$$\begin{aligned}\text{Percent Removal} &= \frac{234 \text{ mg/l} - 17 \text{ mg/l}}{234 \text{ mg/l}} \times 100 \\ &= \frac{217 \text{ mg/l}}{234 \text{ mg/l}} \times 100 \\ &= 92.7\%\end{aligned}$$