



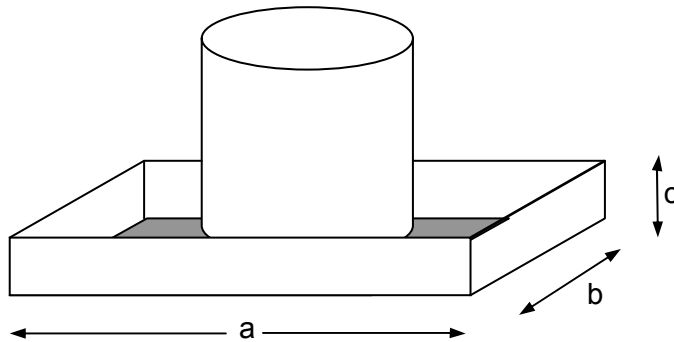
HOW DO I CALCULATE THE VOLUME OF MY CONTAINMENT DIKE?

SITUATION 1:

One tank in the diked area

***Note that the length, width and height of the dike must be measured on the inside, not the outside of the dike.**

- 1) Measure the length of the dike wall _____ (in feet) = "a" in the formula
- 2) Measure the width of the dike wall _____ (in feet) = "b" in the formula
- 3) Measure the height of the dike wall _____ (in feet) = "c" in the formula



Step 1: Multiply the size of your tank (in gallons) by the number indicated to calculate the minimum amount that your dike is required to hold in gallons:

$$(\text{size in gallons}) \quad \underline{\hspace{2cm}} \quad \times \quad 1.1 \quad = \quad \underline{\hspace{2cm}}$$

Step 2: Multiply "a" times "b" times "c" to determine the volume of the dike in cubic feet:

$$\underline{(a)} \quad \underline{\hspace{1cm}} \quad \times \quad \underline{(b)} \quad \underline{\hspace{1cm}} \quad \times \quad \underline{(c)} \quad \underline{\hspace{1cm}} \quad = \quad \underline{\hspace{2cm}} \text{ cubic feet}$$

Step 3: Divide the answer from step 2 by the conversion factor below to convert the size of the dike in cubic feet to gallons:

$$\underline{\hspace{2cm}} \quad / \quad 0.1337 \quad = \quad \underline{\hspace{2cm}} \text{ gallons}$$

(answer from step 2)

Step 4: Compare the answers in Step 1 and Step 3 to determine if the dike will hold 110% of the volume of the tank. **The answer in Step 3 must be equal to or greater than the answer in Step 1.**

over

