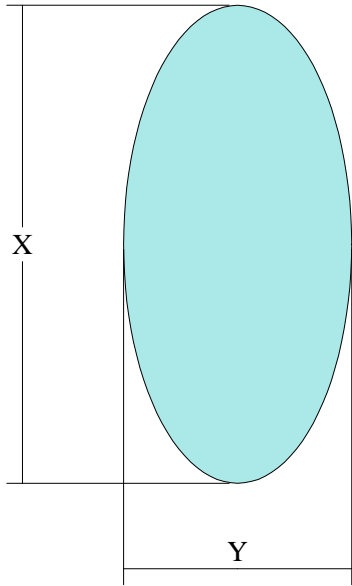


How To Calculate Water Body Treatment Size



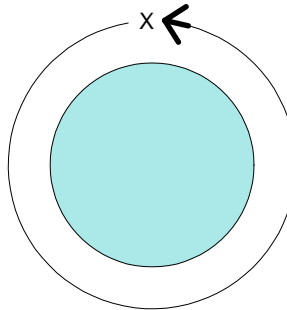
If your pond is rectangular shape:

Multiply X by Y to get number, then divide by 43,560.

Ex: X = 200 feet Y = 100 feet

$$200 \times 100 = 20,000$$

$$20,000 / 43560 = .46 \text{ surface acres}$$



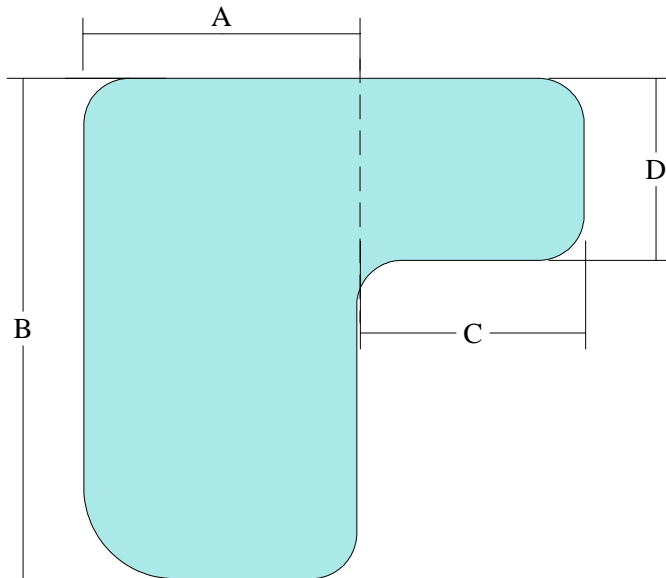
If your pond is circular shape:

Measure the total distance in feet around the shoreline edge, then multiply this number by itself and divide that figure by 547,390.

Ex: X = 700 feet

$$700 \times 700 = 490,000$$

$$490,000 / 547,390 = .9 \text{ surface acres}$$



If your pond is irregular shape:

Start by sectionalizing the pond. Multiply the length by width of the different sections of the pond in feet. Add these totals together then divide by 43,560.

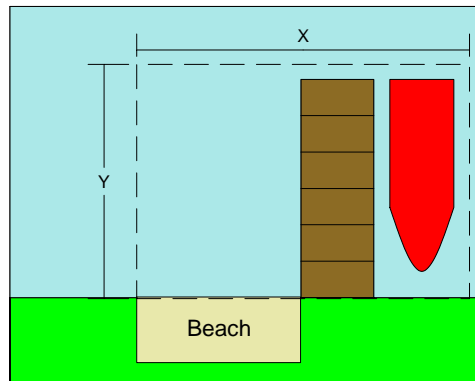
Ex: A = 100 feet B = 300 feet
C = 150 feet D = 75 feet

$$100 \times 300 = 30,000 \text{ (Total of A x B)}$$

$$150 \times 75 = 11,250 \text{ (Total of C x D)}$$

$$30,000 + 11,250 = 41,250$$

$$41,250 / 43,560 = .95 \text{ surface acres}$$



Treatment area for a lake front:

Measure the distance along the shoreline that you want treated (X) and measure the distance away from the waters edge (Y). To calculate, multiply X by Y, then divide by 43,560 to get surface acres.

Ex: Y = 100 ft and X = 150 ft

$$100 \times 150 = 15,000$$

$$15,000 / 43,560 = .34 \text{ surface acres}$$