

Measuring a lagoon to make a Pond Drop table

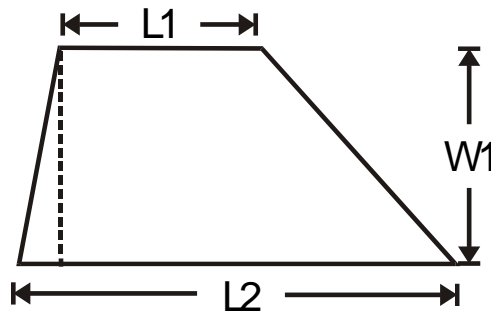
- _____ total effective depth of pond
- _____ horizontal run
- _____ vertical rise associated with horizontal run

One way to measure vertical rise and horizontal run is to hang a line level on a string anchored to the pond wall and stretch it out to meet a tall vertical stake. Measure the length of the string and the height of the stake at the point where both meet. Or, tape a level on a long board or rigid pipe of known length to use as the horizontal measure.

Rectangular pond

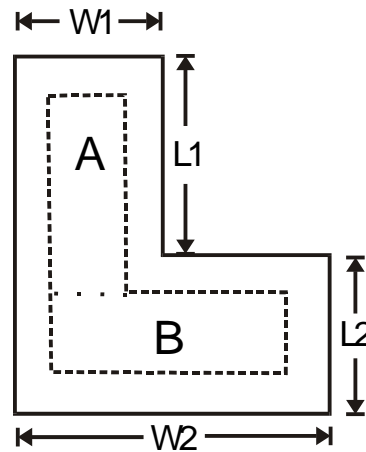
- _____ pond length at full
- _____ pond width at full

For non-rectangular ponds, take measurements at full according to the diagrams



Trapezoidal Pond

- _____ W1
- _____ L1
- _____ L2



“L” shaped pond

- _____ W1
- _____ W2
- _____ L1
- _____ L2

Because slopes and sides of ponds are not uniform, it is best to make a new chart with a new starting level every few feet of vertical drop. The longer the vertical distance from full, the more inaccurate the chart can become.