

Swanton Village Water Department

Swimming Pool Water Loss Information and Test

Check your pool for leaks at the beginning and end of each swimming season. Pools that are open all year should be checked every three to six months. Pool leaks that go undetected waste water and can cause additional damage to equipment, piping and even the pool structure. Pool leaks do not repair themselves - they just get larger and larger. Save money and prevent damage. Check your pool today.

Nationally, leaking pools represent millions of gallons of lost water and resources. A single residential pool with just a 1/4" per day leak between 16,000 and 45,000 gallons of water annually.

This chart shows how much water your pool can waste each year with a leak as small as 1/4" per day. If your pool leaks 1/2" just double the numbers.

Pool Size		1/4" per Day Leak	
		Water Wasted Each Day	Water Wasted Each Year
L x W	Sq. Ft.	(Gallons)	(Gallons)
20 x 40	800	125	45,625
18 x 36	648	101	36,865
16 x 32	512	80	29,200
15 x 30	450	70	25,550
14 x 28	392	61	22,265
13 x 26	338	53	19,345
12 x 24	288	45	16,425

The "Bucket Test" will determine if water loss in a pool is due to evaporation or a leak:

1. Bring pool water to normal level
2. Turn off auto fill.
3. Fill bucket with pool water to about one inch from top
4. Place bucket on first or second step of pool
5. Mark water level on inside of bucket
6. Shut off pump and mark pool level on outside of bucket
7. Resume normal pump operation
8. After 24 hours, compare the two levels. If the pool water (outside mark) goes down more than the inside water level, there is probably a leak.

In case of rain, repeat the test. Test is not valid after 24 hours.
If you have a leak, contact Leak Specialists.