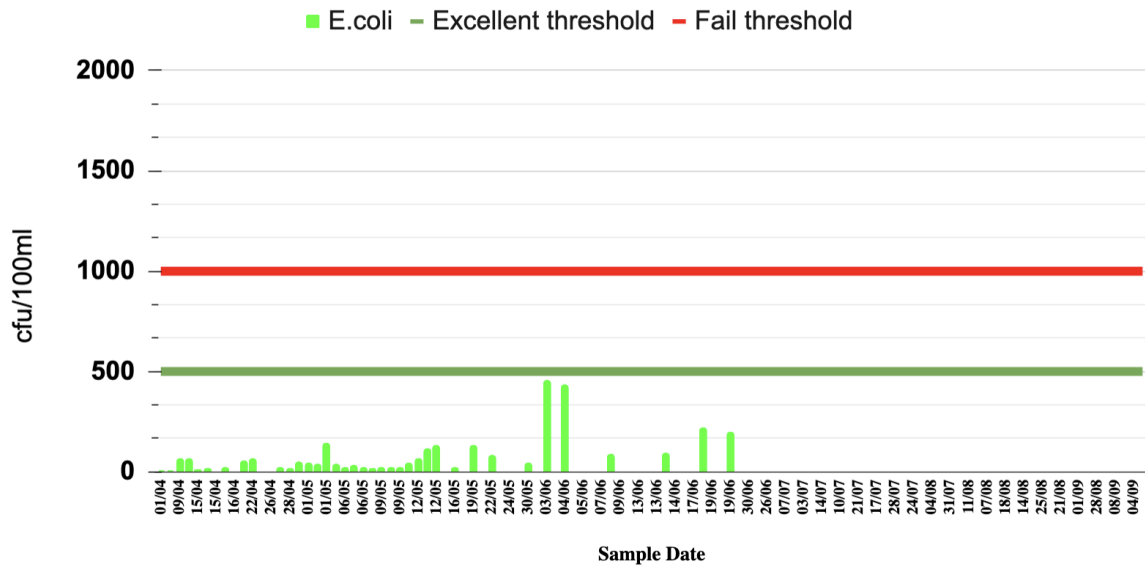


Cosmeston Aqua Park E.coli Water Quality Test Results



Cosmeston Aqua Park Enterococci Water Quality Test Results



## What's the water quality like at Cosmeston Lakes?

Your safety is our top priority. The Aqua Park is only open to customers when the water quality meets World Aquatics Standards & Swim England standards for Open Water Swimming, and is safe for activities to take place.

Aqua Park Cosmeston conducts regular water quality sampling at Cosmeston Lakes, which are then tested by a Public Health Wales

During the spring of 2025, a professional scuba diving team has surveyed the lakebed where the Aqua Park will be located, in conjunction with a bathymetric depth survey, to confirm that there are no objects under the surface and that the water depth is suitable for the Aqua Park.

We have been taking water samples from the lake twice a week during the 2025 bathing season. This ensures that activities in the water are safe for our visitors to participate in.

We test for two key bacteria:

- E. coli
- Intestinal Enterococci (Interco)

These are naturally found in the gut of humans and animals. While most strains are harmless, high levels can indicate pollution and may pose a risk if swallowed.

The graphs display bacteria levels over time, measured in colony-forming units (cfu) per 100ml. You'll see:

- A higher red line – this is the fail threshold based on official Bathing Water standards.
- A middle green line – this marks the excellent quality threshold.

For transparency, all our results year to date in the 2025 bathing season are shown [here](#) below and are all well within the excellent category seen below. This shows that the water consistently meets bathing standards.