Southwater Lake Water Quality process

Water quality laboratory testing has been undertaken by Swim Safety on the 30th July 2026, in line with The Bathing Regulations (2013).
A copy of this certification is below:

Water Quality Results Certificate

Client Name: Southwater Watersports Ltd
Water Body Name: Southwater Watersports

Certificate Reference: TSBN9372980
Analysis Start Date: 30/07/2026
Report Date: 31/07/2026

Analysis Results – Microbiology

Sample 1- Middle of lake

Test/Unit	Result	EC Bathing Water Directive (2006/7/EC) (For inland waters)
E. coli (no/100 ml)	23	Pass Excellent
Enterococci (no/100 ml)	2	Pass Excellent

Sample 2- Opposite spur

Test/Unit	Result	EC Bathing Water Directive (2006/7/EC) (For inland waters)
E. coli (no/100 ml)	17	Pass Excellent
Enterococci (no/100 ml)	4	Pass Excellent

This relates to the Regulatory guidance of:

Classification	E. coli (cfu/100ml)	Meaning
Excellent	≤ 250	Safe — meets the highest standard
Good	≤ 500	Safe — acceptable for swimming
Sufficient	≤ 1,000	Borderline — minimum acceptable standard
Poor	> 1,000	Advice against bathing must be displayed

Continuation Testing plan:

Beginning of March:	Lab test: https://wildswimmingtests.co.uk/product/microbiology-bacteria-kit that provides base line information establishing the cfu/100ml. For example, '180 cfu/100ml E. coli'. This will provide guidance to the quality of the water at the beginning of the season.
Strip testing:	As and when the environmental impacts require it. (see below) These detect Coliform and Non-Coliform Bacteria at 1000 cfu/100ml

Increased Risk Conditions that require strip testing:

	Increased Risk Conditions
Water temperature	- Extended periods of high heat increasing water temperature.
Animal Presence	- Increased animal presence than usual for rats, swans, coots etc...
Human Impact	- Estimated 200+ people attending the lake's beached area.
Medical Conditions	- Those with severe health conditions.
Rainfall	- Excessive rainfall that creates flow channels.
Long periods of stagnant water	- Witnessing of algae on the water