

Parameters for Assessment of Inland Waters

Parameter	Excellent Quality	Good Quality	Sufficient Quality	Poor
Intestinal Enterococci (cfu/100ml)	≤200	≤400	≤330	>330
Escherichia coli (cfu/100ml)	≤500	≤1000	≤900	>900

Individual Sample results/quality are shown below. Samples are taken on a monthly basis from June to September. The planned monitoring is aimed at providing an overall assessment of water quality and there is no absolute guarantee that on the day you choose to visit there may not be a problem. Water quality can vary significantly during the day, and from day to day, due e.g. to the influences of rain or sunshine and also the number of bathers using the water at any time. Bathing water quality is however at its most vulnerable after heavy rainfall, or in stormy conditions, which may give rise to higher bacterial counts than normal.

Additional Monitoring Results _ August 2022

Sample Date	Sample Location	E Coli MPN/100ml	Intestinal Enterococci cfu/100ml	Visual Assessment	Water Quality
16/08/2022	Lough Muckno Water Sports Area X283302, 319401	30	5	ok	Excellent Quality
16/08/2022	Lough Muckno X 283162, 319820	950	710	ok	Poor Quality
23/08/2022	Lough Muckno Water Sports Area X283302, 319401	60	29	*green specs in water	Excellent Quality
23/08/2022	Lough Muckno X 283162, 319820	>2010	730	*green specs in water	Poor Quality
31/08/2022	Lough Muckno Water Sports Area X283302, 319401	<10	6	*algal bloom present	Excellent Quality
31/08/2022	Lough Muckno X 283162, 319820	10	34	*algal bloom present	Excellent Quality

ALGAL BLOOMS

*Although an Algal Bloom/Scum is not always harmful, contact with the affected water can cause illness such as skin rashes, eye irritation, vomiting and diarrhoea.

Do not swim or allow children to paddle if there is any visible evidence of discolouration of the water.

Algal blooms and related scums can also be highly toxic to dogs and other animals. Farmers and dog owners should prevent access of their animals to affected areas and should not allow them to drink, swim or ingest any scum.