

## 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.

### June 2023 Results

Sample Date	Sample Location	E Coli MPN/100ml	Intestinal Enterococci cfu/100ml	Visual Assessment	Water Quality
07/06/2023	Lough Muckno X283162; Y319820	100	96	None present	Excellent
07/06/2023	Gortawinnmey Lake X251370; Y328454	40	3	None present	Excellent
07/06/2023	Lough Muckno Black Island Point X : Y	10	16	None present	Excellent
07/06/2023	Greaghglone Lake X275636, Y303008	<10	3	None present	Excellent
07/06/2023	Creevy Lake X283077, Y307066	100	6	No bloom in the water. Column passable, Algal on bed	Excellent
07/06/2023	Lough Muckno Water Sports Area X283302 ;Y319401	<10	4	None present	Excellent
07/06/2023	Hollywood Lake X260812, 335626	<10	2	None present	Excellent
07/06/2023	Emy Lough X269215 ;Y343468	50	47	None present	Excellent
07/06/2023	Halton's River (Dromore Lake System) X259884; Y315257	<10	1	None present	Excellent