

Parameters for Assessment of Inland Waters

| Parameter | Excellent Quality | Good Quality | Sufficient Quality | Poor |
|----------------------------------------------|-------------------|--------------|--------------------|------|
| Intestinal Enterococci (sufficient/100ml) | ≤200 | ≤400 | ≤330 | >330 |
| Escherichia coli (sufficient/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.

September 2024 Results

| Sample Date | Sample Location | E Coli MPN/100ml | Intestinal Enterococci cfu/100ml | Visual Assessment | Water Quality |
|-------------|-------------------------------------------------------|---------------------|-------------------------------------|-----------------------------------------------------------------------------|---------------|
| 12/09/2024 | Gortawinnmey Lake X251370; Y328454 | <10 | 2 | none present | |
| 12/09/2024 | Greaghglone Lake X275636, Y303008 | <10 | <1 | algal bloom notice onsite following notification of algal bloom on 22/08/24 | |
| 12/09/2024 | Creevy Lake X283077, Y307066 | <10 | 9 | none present | |
| 12/09/2024 | Hollywood Lake X260812, 335626 | 10 | 9 | none present | |
| 12/09/2024 | Emy Lough X269215 ;Y343468 | 30 | 21 | none present | |
| 12/09/2024 | Halton's River (Dromore Lake System) X259884; Y315257 | <10 | 16 | none present | |
| 12/09/2024 | Lough Major, X272322, Y320596 | 30 | 1 | none present | |
| 12/09/2024 | Lough Muckno Water Sports Area X283302 ;Y319401 | 20 | 1 | none present | |
| 12/09/2024 | Lough Muckno Bathing Area X283162; Y319820 | 320 | 270 | none present | |
| 12/09/2024 | Lough Muckno Black Island Point X :283409 Y 319792 | 140 | 26 | none present | |