

AFBIEIR20230904 Appendix: Spring and mean annual chlorophyll-a and phosphorous concentration levels in Lough Neagh 2001-2023

Parameter	Year	Spring mean (?g/l)	Annual mean (?g/l)
Chlorophyll A	2001	69.86333	56.06115
Chlorophyll A	2002	66.198	56.24167
Chlorophyll A	2003	57.61571	52.4124
Chlorophyll A	2004	68.36286	44.356
Chlorophyll A	2005	55.68	42.5992
Chlorophyll A	2006	67.61714	51.8832
Chlorophyll A	2007	52.76	41.3976
Chlorophyll A	2008	42.96714	33.86167
Chlorophyll A	2009	46.76333	38.26261
Chlorophyll A	2010	38.78857	33.20909
Chlorophyll A	2011		37.5465
Chlorophyll A	2012	59.27857	43.8832
Chlorophyll A	2013	52.57	48.55375
Chlorophyll A	2014		45.61476
Chlorophyll A	2015	69.385	63.057
Chlorophyll A	2016	53.16667	48.28
Chlorophyll A	2017		
Chlorophyll A	2018	36.12333	
Chlorophyll A	2019		46.40364
Chlorophyll A	2020		
Chlorophyll A	2021	22.21429	21.33333
Chlorophyll A	2022	8.142857	9.647826
Total Phosphorus	2001	103	136.6154
Total Phosphorus	2002	87.5	129.4583
Total Phosphorus	2003	93.85714	143.76
Total Phosphorus	2004	96.16667	143.5652
Total Phosphorus	2005	99.5	143.3333
Total Phosphorus	2006	115.7143	150.2917
Total Phosphorus	2007	79.28571	140.8696
Total Phosphorus	2008	98.85714	139.5417
Total Phosphorus	2009		
Total Phosphorus	2010	93.57143	132.6818

Total Phosphorus	2011		134.2632
Total Phosphorus	2012	107.4286	128
Total Phosphorus	2013	82.83333	115.2917
Total Phosphorus	2014	55.83333	108.3182
Total Phosphorus	2015	88.83333	139.25
Total Phosphorus	2016	94	138.75
Total Phosphorus	2017	94.42857	138.95
Total Phosphorus	2018	95.5	
Total Phosphorus	2019	74.08143	129.5027
Total Phosphorus	2020		
Total Phosphorus	2021	138.4444	135.0385
Total Phosphorus	2022	120.1429	129.7273