

Waterbody 5
data delivered by AAU

Year	2003					
Month	May	Jun	Jul	Aug	Sep	Oct
Sampling point	A	A	A	A	A	A
DO ₂ (mg l ⁻¹)	12.1	10.8	10.0	8.9	9.9	11.3
Temp (°C)	11.0	20.0	25.0	21.5	16.5	9.0
pH	8.0	8.1	8.0	8.0	7.5	7.9
Conductivity (µS)	267	273	290	295	305	295
Cyanobacterial genera	NO	NO	<i>Ana</i>	<i>Ana, Mic</i>	<i>Ana, Mic</i>	NO
Chlorophyll <i>a</i> (µg l ⁻¹)	10.3	4.5	3.1	2.3	2.0	2.6
Phaeophytin (µg l ⁻¹)	NP	NP	NP	NP	NP	NP
Microcystin sc [†]	NA	NA	NA	NA	NA	NA
Microcystin in [†]	1	1	1	1	0	0
Microcystin ex [†]	NP	NP	NP	NP	NP	NP
Anatoxin-a sc [‡]	NA	NA	NA	NA	NA	NA
Anatoxin-a in [‡]	0	0	0	0	0	0
Anatoxin-a ex [‡]	NP	NP	NP	NP	NP	NP
Cylindrospermopsin sc [‡]	NA	NA	NA	NA	NA	NA
Cylindrospermopsin in [‡]	NP	NP	NP	NP	NP	NP
Cylindrospermopsin ex [‡]	NP	NP	NP	NP	NP	NP

NOTES

Sampling point: A, abstraction point for drinking water, S, surface water

Cyanobacterial genera: NO, not observed; OG, Other cyanobacterial genera present; *Mic*, *Microcystis*; *Ana*, *Anabaena*; *Aph*, *Aphanizomenon*; *Cyl*, *Cylindrospermopsis*; *Pla*, *Planktothrix*.

Toxins: sc, scum; in, intracellular toxin, filtered water sample; ex, extracellular toxin, filtered water sample; NA, not available; NP, not performed.

Toxin scale (extracellular and intracellular): 0, below minimum detection limit (<0.20µg l⁻¹); 1, 0.21-0.99 µg l⁻¹; 2, 1.00-5.00 µg l⁻¹; 3, 5.01-20.00 µg l⁻¹; 4, 20.01-100µg l⁻¹; 5, >100µg l⁻¹. Toxin scale (scum): 0, below minimum detection limit (<0.10µg g⁻¹); 1, 0.11-0.99 µg g⁻¹; 2, 1.00-10.00 µg g⁻¹; 3, 10.01-100.00 µg g⁻¹; 4, >100µg g⁻¹.

Where multiple methods for toxin analysis of an individual sample have been used, the highest observed concentration is recorded.

[†], Microcystin-LR equivalents measured by high performance liquid chromatography (HPLC), protein phosphatase inhibition assay and/or microcystin ELISA.

[‡], Anatoxin-a and cylindrospermopsin measured by HPLC.