

Waterbody 1
data delivered by UALG

Year	2003											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Month	S	S	S	S	S	S	S	S	S	S	S	S
Sampling point	S	S	S	S	S	S	S	S	S	S	S	S
DO ₂ (mg l ⁻¹)	5.8	4.5	7.8	2.2	2.4	9.5	7.3	8.9	8.8	7.6	7.9	7.5
Temp (°C)	12.4	12.9	16.6	17.8	22	23.3	24.0	26.2	24.8	22.1	18.1	14.7
pH	7.7	8.1	8.0	8.7	7.4	8.6	7.9	7.7	8.4	8.0	7.6	7.4
Conductivity (µS)	305	342	319	318	361	364	383	401	417	412	400	391
Cyanobacterial genera	OG	OG	<i>Aph,Mic,Pla</i> ,OG	<i>Mic</i> ,OG	OG	OG	OG	<i>Mic</i> ,OG	<i>Pla</i> ,OG	<i>Mic,Pla</i> ,OG	<i>Mic,Ana</i> , <i>Pla</i> ,OG	OG
Chlorophyll <i>a</i> (µg l ⁻¹)	7.48	8.23	NP	34.04	62.61	4.77	2.05	0.69	1.15			
Phaeophytin (µg l ⁻¹)	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Microcystin sc [†]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Microcystin in [†]	0	0	0	0	0	0	0	0	0	0	0	0
Microcystin ex [†]	0	0	0	0	0	0	0	0	0	0	0	0
Anatoxin-a sc [‡]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anatoxin-a in [‡]	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Anatoxin-a ex [‡]	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Cylindrospermopsin sc [‡]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cylindrospermopsin in [‡]	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Cylindrospermopsin ex [‡]	NP	NP	NP	NP	NP	NP	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.