

Waterbody 3b
data delivered by UDU

Year	2003											
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sampling point	A	A	A	A	A	A	A	A	A	A	A	A
DO ₂ (mg l ⁻¹)	11.6	NP	3.6	NP	17.5	13.1	12.1	7.9	9.4	9.2	10.0	10.7
Temp (°C)	1.0	NP	4.0	7.0	12.0	18	21	19	17	13.5	8	5.9
pH	7.1	NP	7.3	8.4	7.6	8.6	7.6	8.5	8.3	8.3	8.3	7.2
Conductivity (µS)	84.5	NP	76.0	77.6	80.8	91.2	117	88.6	85	86.1	58.5	47.9
Cyanobacterial genera	OG	NP	NO	Ana	Pla	NO	NO	Ana	Ana	Ana	Ana,Pla	Ana
Chlorophyll <i>a</i> (µg l ⁻¹)	0.6	NP	3.6	0	0	0.8	5.6	1.6	117.7	34.4	23.2	23.2
Phaeophytin (µg l ⁻¹)	0	NP	0	6.9	5.2	28.9	0	24.7	41.5	14.9	7.6	0
Microcystin sc [†]	NA	NA	NA	NA	NA	NA	NA	NA	0	4	NA	NA
Microcystin in [†]	0	0	0	0	0	2	0	1	4	3	2	NP
Microcystin ex [†]	0	0	0	0	0	1	0	0	3	0	0	0
Anatoxin-a sc [‡]	NA	NA	NA	NA	NA	NA	NA	NA	0	0	NA	NA
Anatoxin-a in [‡]	0	0	0	0	0	0	0	2	0	0	0	NP
Anatoxin-a ex [‡]	0	0	0	0	0	0	0	0	0	0	0	0
Cylindrospermopsin sc [‡]	NA	NA	NA	NA	NA	NA	NA	NA	0	0	NA	NA
Cylindrospermopsin in [‡]	0	0	0	0	0	0	0	0	0	0	0	NP
Cylindrospermopsin ex [‡]	0	0	0	0	0	0	0	0	0	0	0	0

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.