

**Waterbody 2**  
**data delivered by AAU**

Year	2003						
Month	Mar	May	Jun	Jul	Aug	Sep	Oct
Sampling point	S	S	S	S	S	S	S
DO <sub>2</sub> (mg l <sup>-1</sup> )	9.4	12.3	10.9	10.6	12.5	8.8	11.4
Temp (°C)	0	13.0	18.0	23.5	20.5	17.0	6.5
pH	7.4	8.3	9.1	9.1	9.2	8.2	8.0
Conductivity (µS)	270	365	372	432	397	414	395
Cyanobacterial genera	NO	NO	Ana	Ana,Mic	Mic	Ana,Mic	NO
Chlorophyll <i>a</i> (µg l <sup>-1</sup> )	4.3	23.9	72.2	93.4	54.9	29.2	17.3
Phaeophytin (µg l <sup>-1</sup> )	NP	NP	NP	NP	NP	NP	NP
Microcystin sc <sup>†</sup>	NA	NA	NA	NA	NA	NA	NA
Microcystin in <sup>†</sup>	0	2	2	2	2	1	0
Microcystin ex <sup>†</sup>	NP	NP	NP	NP	0	0	NP
Anatoxin-a sc <sup>‡</sup>	NA	NA	NA	NA	NA	NA	NA
Anatoxin-a in <sup>‡</sup>	0	0	0	0	0	0	0
Anatoxin-a ex <sup>‡</sup>	NP	NP	NP	NP	NP	NP	NP
Cylindrospermopsin sc <sup>‡</sup>	NA	NA	NA	NA	NA	NA	NA
Cylindrospermopsin in <sup>‡</sup>	NP	NP	NP	NP	NP	NP	NP
Cylindrospermopsin ex <sup>‡</sup>	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<sup>-1</sup>); 1, 0.21-0.99 µg l<sup>-1</sup>; 2, 1.00-5.00 µg l<sup>-1</sup>; 3, 5.01-20.00 µg l<sup>-1</sup>; 4, 20.01-100µg l<sup>-1</sup>; 5, >100µg l<sup>-1</sup>. Toxin scale (scum): 0, below minimum detection limit (<0.10µg g<sup>-1</sup>); 1, 0.11-0.99 µg g<sup>-1</sup>; 2, 1.00-10.00 µg g<sup>-1</sup>; 3, 10.01-100.00 µg g<sup>-1</sup>; 4, >100µg g<sup>-1</sup>.

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

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

<sup>‡</sup>, Anatoxin-a and cylindrospermopsin measured by HPLC.