

**Waterbody 3a**  
**data delivered by UDU**

Year	2003											
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sampling point	S	S	S	S	S	S	S	S	S	S	S	S
DO <sub>2</sub> (mg l <sup>-1</sup> )	9.7	NP	6.0	NP	14.6	12.1	14.7	7.6	9.5	10.4	10.5	12.3
Temp (°C)	1.5	NP	4.0	7.5	11	18.5	21	19	17	14	9.5	6.6
pH	7	NP	7.2	8.3	7.9	8.1	7.8	8.3	8.0	7.9	8.3	7.3
Conductivity (µS)	73.5	NP	85.0	70.1	97.8	91.9	106.3	98.6	91.1	89.4	65.2	47.5
Cyanobacterial genera	<i>Pla</i>	NP	NO	NO	<i>Pla</i>	NO	NO	<i>Ana</i>	<i>Ana</i>	<i>Ana</i>	<i>Ana</i>	<i>Ana</i>
Chlorophyll <i>a</i> (µg l <sup>-1</sup> )	0	NP	0	0	1.0	1.6	1.6	0.8	100.9	635.5	610.4	12.8
Phaeophytin (µg l <sup>-1</sup> )	3.8	NP	0	6.0	3.5	23.6	8.2	35.1	34.8	514	312.6	18.6
Microcystin sc <sup>†</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Microcystin in <sup>†</sup>	0	0	0	0	0	0	0	1	4	5	5	NP
Microcystin ex <sup>†</sup>	0	0	0	0	0	0	0	1	1	2	3	0
Anatoxin-a sc <sup>‡</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anatoxin-a in <sup>‡</sup>	0	0	0	0	0	2	0	0	0	2	0	NP
Anatoxin-a ex <sup>‡</sup>	0	0	0	0	0	0	0	0	0	0	0	0
Cylindrospermopsin sc <sup>‡</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cylindrospermopsin in <sup>‡</sup>	0	0	0	0	0	0	0	0	0	0	0	NP
Cylindrospermopsin ex <sup>‡</sup>	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<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.

†, 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.