

**Waterbody 1**  
**data delivered by TZW, KOWUG\***

\*Bio-analysis - KOWUG labour ( Kommunale Wasser- und Umweltanalytik GmbH )

Year	2002									
	Jan	Feb	Mar	Apr	May	Jun	Jul	Oct	Nov	Dec
Month										
Sampling point	A	A	A	A	A	A	A	A	A	A
DO <sub>2</sub> (mg l <sup>-1</sup> )	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Temp (°C)	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
pH	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Conductivity (µS)	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Cyanobacterial genera	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla, Aph</i>	<i>Pla, Aph</i>
Chlorophyll <i>a</i> (µg l <sup>-1</sup> )	4.6	6.5	8.5	18.9	14.0	5.8	8.7	0.7	12.4	16.8
Phaeophytin (µg l <sup>-1</sup> )	1.9	2.5	3.5	3.7	4.4	2.2	4.5	1.9	3.8	5.4
Microcystin sc <sup>†</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Microcystin in <sup>†</sup>	0	0	1	2	2	1	0	0	1	1
Microcystin ex <sup>†</sup>	0	0	0	0	0	0	0	0	0	0
Anatoxin-a sc <sup>‡</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anatoxin-a in <sup>‡</sup>	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Anatoxin-a ex <sup>‡</sup>	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Cylindrospermopsin sc <sup>‡</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cylindrospermopsin in <sup>‡</sup>	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Cylindrospermopsin ex <sup>‡</sup>	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<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.