

Waterbody 1
data delivered by TZW, KOWUG*

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

Year	2003											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Month												
Sampling point	A	A	A	A	A	A	A	A	A	A	A	A
DO ₂ (mg l ⁻¹)	NP	NP	NP	NP	NP	NP	NP	5.5	2.8	8.3	NP	10.9
Temp (°C)	3,8	5,4	6,0	7,0	7,0	7.2	10.3	11.6	13.4	14.5	NP	7.1
pH	7,6	7,51	7,56	7,77	7.3	7.4	7.2	7.1	7.1	7.9	7.8	7.3
Conductivity (µS)	377	377	372	373	376	376	377	419	424	412	484	416
Cyanobacterial genera	<i>Pla</i>	<i>Pla, Aph</i>	<i>Pla, Aph</i>	<i>Pla, Aph</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>	<i>Pla</i>
Chlorophyll <i>a</i> (µg l ⁻¹)	4.7	4.6	9.0	8,2	6.9	3.7	0.2	4.5	0.8	2.3	2.5	2.4
Phaeophytin (µg l ⁻¹)	1.5	2.4	8.2	4.1	3.7	2.7	1.5	3.3	2.3	2.1	1.5	2
Microcystin sc [†]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Microcystin in [†]	1	1	1	1	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.