# Waterbody 1
# 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 |
| $DO_2$ (mg $l^{-1}$) | 13.5 | 10.7 | 11.9 | NP | 14.7 | 9.5 | 13 | 10.3 | 7.8 | 6.7 | 10.3 | 10.5 |
| Temp (°C) | 1.0 | 1.0 | 4.0 | 9.0 | 11.5 | 18.5 | 20.5 | 19 | 15.5 | 13 | 8.5 | 6 |
| pH | 7.3 | 7.7 | 7.5 | 7.7 | 7.9 | 7.9 | 8.6 | 8.8 | 9.6 | 7.4 | 8.0 | NP |
| Conductivity (µS) | 170 | 210 | 196 | 192 | 191 | 215 | 223 | 197 | 86.8 | 80.5 | 156.6 | 105 |
| Cyanobacterial genera | NO | NO | NO | NO | NO | OG | *Ana* | *Ana,Mic* | *Ana,Mic* | NO | NO | NO |
| Chlorophyll *a* (µg $l^{-1}$) | 10.3 | 4.8 | 0 | 1.6 | 0.6 | 3.2 | 3.2 | 19.2 | 56.9 | 6.4 | 6.4 | 15.2 |
| Phaeophytin (µg $l^{-1}$) | 0 | 0 | 0 | 0 | 0 | 8.2 | 55.2 | 1644 | 14.3 | 8.7 | 14.3 | 42.5 |
| Microcystin sc† | NA | NA | NA | NA | NA | NA | NA | 2 | 4 | NA | NA | NA |
| Microcystin in† | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 4 | 2 | NP |
| Microcystin ex† | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| Anatoxin-a sc‡ | NA | NA | NA | NA | NA | NA | NA | 0 | 0 | NA | NA | NA |
| Anatoxin-a in‡ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | NA | 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.