

REPORT

Report no: 293491 Depth : N/A
 Supercedes Report No: Chlorophyll a: NA
 Microcystin equivalents: NA
 Date analysed: 30/10/2023

Lims No: [REDACTED] Date Sampled: 11/10/2023 Analyst: [REDACTED]
 Client ID: [REDACTED] Address: [REDACTED]
 Site:
 Client: [REDACTED]

Method: MA71CENT Issued By : Sydney Water Disclaimer: Samples analysed as received.
 Laboratory Services
 Issued On : 31/10/2023

TAXA

	Cells/ mL	Significance	ASU/ mL	Biovolum mm3/L
Cyanophyta (Blue green)				
<i>Cocoid Blue Green Picoplankton</i>	1041154	Filter clogging?	1,978.19	0.470
<i>Non toxic Aphanizomenonaceae</i>	937	Taste & Odour	38.41	0.041
<i>Planktolyngbya</i>	1475	Filter clogging	14.75	0.118
<i>Pseudanabaena</i>	973		7.78	0.009
Subtotal	1044539		2,039.13	0.638

	Cells/ mL	ASU/ mL	Biovolume mm3/L
Total Blue Green	1045000	2039.00	0.638
* Potentially Toxic Blue Green	0	0.00	0.000

Comment:

Debris present in the sample.

*Taxa with potential to produce toxins.

ASU : One ASU (Area Standard Unit) equals 400µm² of algal cells (as cross sectional area)

Biovolume : Biovolume is calculated from cell linear dimensions. Guidelines based on Biovolume.

Cocoid Blue Green Picoplankton: *Aphanocapsa*; *Aphanothece*; *Cyanogranis*; *Cyanonephron*; *Cyanocatena*; *Gloeocapsa*; *Gloeothece* ; *Cyanodictyon*

Phycology

Sydney Water Approved Signatory:

██████████, Analyst



Where a result is required to meet a compliance limit or specification the associated uncertainty must be considered.
Uncertainty estimates are available for all accredited test results.

Accreditation No.: 610 Biological testing
Accredited for compliance with ISO/IEC 17025

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<i>Aphanizomenonaceae</i>	139	Potentially toxic, taste & odour	9.31	0.014
<i>Cocoid Blue Green Picoplankton</i>	1311440	Filter clogging?	2,491.73	0.592
<i>Dolichospermum</i>	87	Potentially toxic, taste & odour	7.95	0.014
<i>Dolichospermum cf planctonicum/smithii</i>	2029	Taste & Odour	231.91	0.514
<i>Dolichospermum circinale</i>	6660	Potentially toxic, taste & odour	578.75	1.157
<i>Merismopedia</i>	5899		5.89	0.049
<i>Non toxic Aphanizomenonaceae</i>	3608	Taste & Odour	147.92	0.160
<i>Pseudanabaena</i>	1127		9.01	0.011
Subtotal	1330989		3,482.47	2.511

	Cells/ mL	ASU/ mL	Biovolume mm3/L
Total Blue Green	1331000	3482.00	2.510
* Potentially Toxic Blue Green	6890	596.00	1.190

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<i>Cocoid Blue Green Picoplankton</i>	586531	Filter clogging?	1,114.40	0.264
<i>Dolichospermum</i>	676	Potentially toxic, taste & odour	61.78	0.109
<i>Dolichospermum circinale</i>	5973	Potentially toxic, taste & odour	519.05	1.038
<i>Non toxic Aphanizomenonaceae</i>	208	Taste & Odour	8.52	0.009
Subtotal	593388		1,703.75	1.420
	Cells/ mL		ASU/ mL	Biovolume mm3/L
Total Blue Green	593400		1704.00	1.420
* Potentially Toxic Blue Green	6650		580.80	1.150

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