Sudr	101	PHYTOPLANKTO	ON ANALY	SIS		Page 1 of 2
		REPORT Report no:	285315	Depth :	N/A	
	1/20	Supercedes Report No:	285252	Chlorophyll a:	NA	
				Microcystin equivalents:	· NA	
				Date analysed:	25/05/2023	
Lims No:	L23038838	Date Sampled:	7/05/2023	Analyst:		
Client ID: <i>Site:</i>	233002	Address:				
Client:	Department of Pla	nning and Environment				
Method:	MA71CENT	Issued By : Commercial Client Issued On : 29/05/2	Representative 023	Disclaimer: Samp received.	oles analysed as	
TAXA	A					
		Cel m	lls/ L	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanoph</u>	<u>yta (Blue green)</u>					
Coccoid Bl	ue Green Picoplankt	ton 25020	F	Filter clogging?	47.	53 0.011
Merismope	edia	1106			1.	10 0.009
Subtotal		26126			48.	63 0.020
		Cells/ ml			ASU/	Biovolume
<b></b>					IIIL	
Total Blu	ie Green	26130			48.60	0.020
* Potenti	ially Toxic Blue Green	0			0.00	0.000

Debris present in the sample.

\*Taxa with potential to produce toxins.

ASU : One ASU (Area Standard Unit) equals 400µm<sup>2</sup> of algal cells (as cross sectional area)

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

Phycology		
Sydney Water Approved Signatory:		
, Analyst	, Supervisor	,



a 1		PHYTOPLANKTO	ON ANALYSI.	S	1	Page 1 of 2
Sydi	ney ATTD	REPORT	285315	Depth :	N/A	
VV F	4 <i>1 ~ K</i>	Supercedes Report No:	285252	Chlorophyll a:	NA	
				<i>Microcystin equivalents:</i>	NA	
				Date analysed:	26/05/2023	
Lims No:	L23038839	Date Sampled:	7/05/2023	Analyst:		
Client ID: <i>Site:</i>	: 233004	Address:				
Client:	Department of Pla	nning and Environment				
Method:	MA71CENT	Issued By : Commercial Client I Issued On : 29/05/20	Representative 123	Disclaimer: Sample received.	es analysed as	
TAXA	4					
		Cel ml	ls/ L	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanoph</u>	yta (Blue green)					
Anabaenop	psis	347	Poter	ntially toxic	23.94	0.041
Anagnostic	dinema	13274			400.87	0.234
Coccoid B	lue Green Picoplank	<i>ston</i> <b>34843</b>	Filte	r clogging?	66.20	0.015
Cuspidothi	rix issatschenkoi	1388			70.78	0.075
Dolichospe	ermum	1388	Poter	ntially toxic, taste & odour	126.86	0.225
Myxobaktr	ron	3318			58.39	0.016
Non toxic 2	Aphanizomenonacea	1249	Taste	& Odour	51.20	0.055
Planktolyn	egbya	35618	Filte	r clogging	356.18	2.849
Pseudanab	baena	69023			552.18	0.690
Raphidiops	sis	2212			133.38	0.149
Raphidiops	sis raciborskii	7076	Poter	ntially toxic, taste & odour	267.47	0.207
Sphaerospe	ermopsis reniformis	2359	Taste	& Odour	94.59	0.109
Spirulina		53510			802.65	0.199
Subtotal		225605			3,004.69	4.864
		Cells/ mL			ASU/ mL	Biovolume mm3/L
Total Blu	ue Green	225600		3	005.00	4.860
* Potent	ially Toxic Blue Gree	n 8810			418.30	0.473

Debris present in the sample.

\*Taxa with potential to produce toxins.

ASU : One ASU (Area Standard Unit) equals 400µm<sup>2</sup> of algal cells (as cross sectional area)

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

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





Uncertainty estimates are available for all accredited test results.

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

Syde	nou	PHYTOPLANKTO	N ANALYSIS	5		Page 1 of 2
		REPORT Report no:	285315	Depth :	N/A	
** /	Aren	Supercedes Report No:	285252	Chlorophyll a:	NA	
				Microcystin equivalents.	NA	
				Date analysed:	25/05/2023	
Lims No:	L23038840	Date Sampled:	7/05/2023	Analyst:		
Client ID <i>Site:</i>	: 233006	Address:				
Client:	Department of Plannin	ng and Environment				
Method:	MA71CENT	Issued By : Commercial Client I Issued On : 29/05/20	Representative 123	Disclaimer: Sam <sub>l</sub> received.	oles analysed as	
TAX	A					
		Cell mI	s/	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanopł</u>	nyta (Blue green)					
Anabaeno	psis	520	Poten	tially toxic	35.8	38 0.061
Coccoid B	Rlue Green Picoplankton	59469	Filter	clogging?	112.9	<sup>9</sup> 0.026
Merismop	edia	2758			2.7	/5 0.023
Planktolyr	ngbya	1106	Filter	clogging	11.0	0.088
Subtotal	l	63853			162.0	68 0.198
		Cells/			ASU/	Biovolume
		mL			mL	mm3/L
Total Bl	lue Green	63850			162.70	0.198
* Potent	tially Toxic Blue Green	520			35.90	0.061

Debris present in the sample.

\*Taxa with potential to produce toxins.

ASU : One ASU (Area Standard Unit) equals 400µm<sup>2</sup> of algal cells (as cross sectional area)

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

Phycology		
Sydney Water Approved Signatory:		
, Analyst	, Supervisor	,



Grader are	PHYTOPLANKTO	N ANALYSIS	5		Page 1 of 2
	REPORT Report no:	285315	Depth :	N/A	
	Supercedes Report No:	285252	Chlorophyll a:	NA	
			Microcystin equivalents	: NA	
			Date analysed:	26/05/2023	
Lims No: L23038841	Date Sampled:	7/05/2023	Analyst:		
Client ID: 233008 Site:	Address:				
Client: Department of Pla	anning and Environment				
<i>Method:</i> MA71CENT	Issued By : Commercial Client K Issued On : 29/05/20	Representative 123	Disclaimer: Sam received.	ples analysed as	
ТАХА					
	Cell mI	s/	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanophyta (Blue green)</u>					
Coccoid Blue Green Picoplan	kton 3538763	Filter	· clogging?	6,723.64	4 1.597
Dolichospermum affine	1318			53.64	4 0.061
Microcystis	1179	Poter	ntially toxic, taste & odour	33.12	2 0.032
Planktolyngbya	89081	Filter	· clogging	890.8	1 7.126
Raphidiopsis raciborskii	1388	Poter	ntially toxic, taste & odour	52.4	<sup>6</sup> 0.040
Subtotal	3631729			7,753.6'	7 8.856
	Cells/ mL			ASU/ mL	Biovolume mm3/L
Total Blue Green	3632000			7754.00	8.860
* Potentially Toxic Blue Gree	n 2570			85.60	0.072

### Debris present in the sample.

\*Taxa with potential to produce toxins.

ASU : One ASU (Area Standard Unit) equals 400µm<sup>2</sup> of algal cells (as cross sectional area)

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

Phycology		
Sydney Water Approved Signatory:		
, Analyst	, Supervisor	,



Gredmore	PHYTOPLANKTO	N ANALYSI.	5		Page 1 of 2
	REPORT Report no:	285315	Depth :	N/A	
VAITN	Supercedes Report No:	285252	Chlorophyll a:	NA	
			Microcystin equivalents:	NA	
			Date analysed:	25/05/2023	
Lims No: L23038842	Date Sampled:	7/05/2023	Analyst:		
Client ID: 233010 <i>Site:</i>	Address:				
Client: Department of Plan	ning and Environment				
<i>Method:</i> MA71CENT	Issued By : Commercial Client I Issued On : 29/05/20	Representative 023	Disclaimer: Samp received.	les analysed as	
ТАХА	Cel ml	ls/	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanophyta (Blue green)</u>					
Coccoid Blue Green Picoplankto	on 34028	Filter	· clogging?	64.65	5 0.015
Merismopedia	2212			2.21	0.018
Microcystis	277	Poter	itially toxic, taste & odour	7.78	3 0.007
Myxobaktron	138			2.42	2 0.000
Planktolyngbya	7605	Filter	· clogging	76.05	5 0.608
Spirulina	553			8.29	0.002
Subtotal	44813			161.40	) 0.650
	Cells/ mL			ASU/ mL	Biovolume mm3/L
Total Blue Green	44810			161.40	0.650
* Potentially Toxic Blue Green	277			7.78	0.007

Debris present in the sample.

\*Taxa with potential to produce toxins.

 $ASU: One \ ASU \ (Area \ Standard \ Unit) \ equals \ 400 \mu m^2 \ of \ algal \ cells \ (as \ cross \ sectional \ area)$ 

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



Uncertainty estimates are available for all accredited test results.

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

WORLD RECOGNISED

NA  Supercedes Report No:  285315  Depth ::  NA    Supercedes Report No:  285252  Chlorophyll a:  NA    Microcystin equivalents:  NA    Date analysed  260852023    Lims No:  L23038843  Date Sampled:  705/2023  Analyst:    Client D:  233012  Address:  Disclaimer: Samples analysed as received.    Site:  Connectal Client Representative Listed On : 29/05/2023  Disclaimer: Samples analysed as received.    TAXA  Cells/ Significance  ASU Bi nL n    Cranonhyta (Blue green)  1171835  Filter elonging?  2.0604648    Collichayperman affine  1686  66642  0.00000000000000000000000000000000000	Gudnou	РНҮ	TOPLANKTO	N ANALYSI	S	J	Page 1 of 2
Supercedes Report No:  285252  Chlorophyll a:  NA    Microcystin equivalents:  NA    Date analysed:  260052023    Lins No:  L.2303843  Date Sampled:  7/05/2023  Analyse:    Client ID:  23012  Address:  Image: Client Sampled:  Disclaimer: Samples analysed as complex ana		REP	ORT	285315	Depth :	N/A	
Microcystin equivalents:  NA    Date analysed:  26/05/2023    Lins No:  L23038843  Date Sampled:  7/05/2023  Analyst:    Client ID:  23012  Address:	VVAITR	Superc	cedes Report No:	285252	Chlorophyll a:	NA	
Date analysed:  2605/2023    Lins No:  L2303843  Date Sampled:  705/2023  Analysi:  Image: Commercial Client Display and Environment    Mehod:  MA7ICENT  Issued By:  Disclaimer: Samples analysed as received.    TAXA  Cells/  Significance  ASU/  Bi    Cyanophyta (Blue green)  Cells/  Significance  ASU/  Bi    Anagnostidinema  2151  64.96  64.96  64.96    Cocoid Blue Green Pleoplankton  1371835  Filter elogging?  2.066.48  2.000000000000000000000000000000000000					Microcystin equivalents	:: NA	
Lins No: 1.2303843 Date Sampled: 705/2023 Analyst: Client ID: 233012 Address: Site: Client ID: 233012 Address: Client ID: 233012 Control of Planning and Environment Method: MA7ICENT Issued By : Issued By : Commercial Client Representative received. TAXA Celle/ Significance ASU/ Bi ml. ml. ml. ml. ml. ml. Commercial Client Representative received. Curanophyta (Blue green) Anagnostidinema 21151 64.96 Coccoid Blue Green Picoplankton 13711835 Filter elegging? 2,606.48 Coccoid Blue Green Picoplankton 13711835 Filter elegging? 2,606.48 Coccoid Blue Green Picoplankton 1371835 Filter elegging? 2,606.48 Coccoid Blue Green Picoplankton 1436 04.96 Dolichospermum ef planctonicum/smithii 173 Taste & Odour 19.77 Merismopedia 11799 11.39 Picudanabaena 79052 632.41 Raphidopsis Scatchenkoi 1613 48.39 Synechococcus ef 14136 Potentially toxic, taste & odour 156.34 Spharozpermopsis aphanizomenoides 1613 48.39 Synechococcus ef 1475186 3,606.39					Date analysed:	26/05/2023	
Client ID: 23.3012  Address:    Site:  Department of Planning and Environment    Method:  MA7ICENT  Issued By :  Disclaimer: Samples analysed as received.    TAXA  Cells/  Significance  ASU/  Bin    Cyanophyta (Blue green)  Magnostidinema  2151  64.96    Coccoid Blue Green Plocoplankton  1371835  Filter elogging?  2.066.48    Dolichoopermum affine  1686  68.62  200    Dolichoopermum affine  1686  68.62  201    Spharlopeis satchenkoi  73052  632.41  83.04    Dolichoopermum affine  1686  68.62  32.64    Dolichoopermum affine  1686  68.62  32.64    Spharloperspropermopsis aphanizomenoides  11.79  11.79  79    Spharloperspropermopsis aphanizomenoides  16.13  48.39  35.0    Spharloperspropermopsis afhanizomenoides  16.13  48.39  36.04    Subtotal  1475186  3.606.29  14.14  16.3    Total Blue Green  147500  3606.09  1    Cells/  155.00  10 </th <th><i>Lims No:</i> L23038843</th> <th>Date S</th> <th>ampled:</th> <th>7/05/2023</th> <th>Analyst:</th> <th></th> <th></th>	<i>Lims No:</i> L23038843	Date S	ampled:	7/05/2023	Analyst:		
Client:    Department of Planning and Environment    Disclaimer: Samples analysed as received.      MATICENT:    Issued By : Commercial Client Representative Issued On : 29/05/2023    Disclaimer: Samples analysed as received.      TAXA    Cells/ mL    Significance    ASU/ mL    Bin mL      Cyanophyta (Blue green)    64.96    64.96      Anagnostidinema    2151    64.96      Cocoid Blue Green Picoplankton    1371825    Filter clogging?    2.606.48      Dolichospermum affine    1686    68.62    38.04      Dolichospermum affine    1686    68.62    38.04      Dolichospermum of planctonicum/smithi    173    Taste & Odour    19.77      Peudanabaena    79052    632.41    64.34      Sphaerospermospis aphanizomenoides    1613    48.39    34.34      Sphaerospermospis aphanizomenoides    1613    48.39    34.34      Subtotal    1475    18.14    36.96.29    36.96.29      Collor    ASL/    Binouton    m.3    36.96.29    36.96.29	Client ID: 233012 Site:	Addres	;s:				
Method:  MA7ICENT  Issued By:  Disclaimer: Samples analysed as received.    TAXA  Cells/  Significance  ASU/  Bi    Cyanophyta (Blue green)  mL  mL  mL  mL  mL    Anagnostidinema  2151  64.96 </td <td>Client: Department of</td> <td>f Planning and En</td> <td>vironment</td> <td></td> <td></td> <td></td> <td></td>	Client: Department of	f Planning and En	vironment				
TAXA    Cells/ mL    Significance    ASU/ mL    Bit mL    Bit mL <th< th=""><th><i>Method:</i> MA71CENT</th><th></th><th>lssued By : Commercial Client R Issued On : 29/05/20.</th><th>epresentative 23</th><th>Disclaimer: Samj received.</th><th>ples analysed as</th><th></th></th<>	<i>Method:</i> MA71CENT		lssued By : Commercial Client R Issued On : 29/05/20.	epresentative 23	Disclaimer: Samj received.	ples analysed as	
Cells/ mL    Significance mL    ASU/ mL    Bi mL      Cyanophyta (Blue green)    4306      Anagnostidinema    2151    64.96      Coccoid Blue Green Picoplankton    1371835    Filter elogging?    2,606.48      Cuspidothrix issatschenkoi    746    38.04    38.04      Dolichospermum affine    1686    68.62    36.62      Dolichospermum of planctonicum/smithii    1773    Taste & Odour    19.77      Merismopedia    11799    11.79    11.79      Pseudanabaena    79052    632.41    31.35      Raphidiopsis raciborskii    4136    Potentially toxic, taste & odour    156.34      Sphaerospermopsis aphanizomenoides    1613    48.39    35      Synechococcus cf    1475    18.14    3,696.29      Cells/ mL    1475186    3,696.29    3696.00    1      * Potentially Toxic Blue Green    14140    156.30    0	ТАХА						
Cyanophyta (Blue green)      Anagnostidinema    2151    64.96      Coccoid Blue Green Picoplankton    1371835    Filter elogging?    2,606.48      Cuspidothrix issatschenkoi    746    38.04    38.04      Dolichospermum affine    1686    68.62    50      Dolichospermum of planctonicum/smithii    173    Taste & Odour    19.77      Merismopedia    11.799    11.79    520    632.41      Raphidiopsis    520    31.35    524    524    524      Sphaerospermopsis aphanizomenoides    1613    48.39    53    530    53.69    54    56.60    54    56.62    55.69    55.69    55.69    55.69    55.69    55.69    55.69    55.69    55.69    55.69    55.69 </td <td></td> <td></td> <td>Cells mL</td> <td>s/</td> <td>Significance</td> <td>ASU/ mL</td> <td>Biovolum mm3/L</td>			Cells mL	s/	Significance	ASU/ mL	Biovolum mm3/L
Anagnostidinema    2151    64.96      Coccoid Blue Green Picoplankton    1371835    Filter clogging?    2,606.48      Cuspidothrix issatschenkoi    746    38.04      Dolichospermum affine    1686    68.62      Dolichospermum ef planctonicum/smithii    173    Taste & Odour    19.77      Merismopedia    11799    11.79    9      Pseudanabaena    79052    632.41      Raphidiopsis    520    31.35      Raphidiopsis raciborskii    4136    Potentially toxic, taste & odour    156.34      Sphaerospermospis aphanizomenoides    1613    48.39    3,696.29      Cells/    ASU/    Biovolumin    mm3      Total Blue Green    1475000    3696.00    1      * Potentially Toxic Blue Green    4140    156.30    0	<u>Cyanophyta (Blue gree</u>	<u>en)</u>					
Coccoid Blue Green Picoplankton1371835Filter clogging?2,606.48Cuspidothrix issatschenkoi74638.04Dolichospermum affine168668.62Dolichospermum cf planctonicum/smithii173Taste & Odour19.77Merismopedia1179911.79Pseudanabaena79052632.41Raphidiopsis52031.35Raphidiopsis raciborskii4136Potentially toxic, taste & odour156.34Synechococcus cf147518.14Subtotal14751863,696.29Cells/ASU/BiovoluminmLmLmm3Total Blue Green14750003696.001* Potentially Toxic Blue Green4140156.300	Anagnostidinema		2151			64.96	0.037
Cuspidothrix issatschenkoi    746    38.04      Dolichospermum affine    1686    68.62      Dolichospermum cf planctonicum/smithii    173    Taste & Odour    19.77      Merismopedia    11799    11.79    19.77      Pseudanabaena    79052    632.41    632.41      Raphidiopsis    520    31.35    632.41      Raphidiopsis raciborskii    4136    Potentially toxic, taste & odour    156.34      Sphaerospermopsis aphanizomenoides    1613    48.39    48.39      Synechococcus cf    1475    18.14    3,696.29      Cells/    ML    mL    mm3      Total Blue Green    1475000    3696.00    1      * Potentially Toxic Blue Green    4140    156.30    0	Coccoid Blue Green Picop	lankton	1371835	Filte	r clogging?	2,606.48	0.619
Dolichospermum affine168668.62Dolichospermum cf planctonicum/smithii173Taste & Odour19.77Merismopedia1179911.79Pseudanabaena79052632.41Raphidiopsis52031.35Raphidiopsis raciborskii4136Potentially toxic, taste & odour156.34Sphaerospermopsis aphanizomenoides161348.39Synechococcus cf147518.14Subtotal14751863,696.29Total Blue Green14750003696.001* Potentially Toxic Blue Green4140156.300	Cuspidothrix issatschenkoi	i	746			38.04	0.040
Dolichospermum cf planctonicum/smithii173Taste & Odour19.77Merismopedia1179911.79Pseudanabaena79052632.41Raphidiopsis52031.35Raphidiopsis raciborskii4136Potentially toxic, taste & odour156.34Sphaerospermopsis aphanizomenoides161348.39Synechococcus cf147518.14Subtotal14751863,696.29Cells/ASU/BiovoltmLmLmm3* Potentially Toxic Blue Green4140156.300	Dolichospermum affine		1686			68.62	0.078
Merismopedia1179911.79Pseudanabaena79052632.41Raphidiopsis52031.35Raphidiopsis raciborskii4136Potentially toxic, taste & odour156.34Sphaerospermopsis aphanizomenoides161348.39Synechococcus cf147518.14Subtotal14751863,696.29Cells/MLmLTotal Blue Green14750001* Potentially Toxic Blue Green4140156.30	Dolichospermum cf plancte	onicum/smithii	173	Taste	e & Odour	19.77	0.043
Pseudanabaena  79052  632.41    Raphidiopsis  520  31.35    Raphidiopsis raciborskii  4136  Potentially toxic, taste & odour  156.34    Sphaerospermopsis aphanizomenoides  1613  48.39    Synechococcus of  1475  18.14    Subtotal  1475186  3,696.29    Cells/  ASU/  Biovolu    mL  mL  mm3    * Potentially Toxic Blue Green  4140  156.30  0	Merismopedia		11799			11.79	0.099
Raphidiopsis52031.35Raphidiopsis raciborskii4136Potentially toxic, taste & odour156.34Sphaerospermopsis aphanizomenoides161348.39Synechococcus cf147518.14Subtotal14751863,696.29Cells/ mLMLmLTotal Blue Green14750001* Potentially Toxic Blue Green4140156.300	Pseudanabaena		79052			632.41	0.790
Raphidiopsis raciborskii4136Potentially toxic, taste & odour156.34Sphaerospermopsis aphanizomenoides161348.39Synechococcus cf147518.14Subtotal14751863,696.29Cells/ mLMLMLTotal Blue Green14750003696.001* Potentially Toxic Blue Green4140156.300	Raphidiopsis		520			31.35	0.035
Sphaerospermopsis aphanizomenoides161348.39Synechococcus cf147518.14Subtotal14751863,696.29Cells/ mLMLMLTotal Blue Green14750003696.00* Potentially Toxic Blue Green4140156.30	Raphidiopsis raciborskii		4136	Poter	ntially toxic, taste & odour	156.34	0.121
Synechococcus cf    1475    18.14      Subtotal    1475186    3,696.29      Cells/ mL    ASU/ mL    Biovolu mm3, mm3, mm3,      Total Blue Green    1475000    3696.00    1      * Potentially Toxic Blue Green    4140    156.30    0	Sphaerospermopsis aphani	izomenoides	1613			48.39	0.060
Subtotal14751863,696.29Cells/ mLASU/ mLBiovolu mm3,Total Blue Green14750003696.00* Potentially Toxic Blue Green4140156.300	Synechococcus cf		1475			18.14	0.009
Cells/ mLASU/ mLBiovolu mm3Total Blue Green14750003696.001* Potentially Toxic Blue Green4140156.300	Subtotal		1475186			3,696.29	1.931
Total Blue Green    1475000    3696.00    1      * Potentially Toxic Blue Green    4140    156.30    0			Cells/ mL			ASU/ mL	Biovolume mm3/L
* Potentially Toxic Blue Green 4140 156.30	Total Blue Green		1475000			3696.00	1.930
	* Potentially Toxic Blue C	Green	4140			156.30	0.121

### Debris present in the sample.

\*Taxa with potential to produce toxins.

ASU : One ASU (Area Standard Unit) equals  $400\mu m^2$  of algal cells (as cross sectional area)

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

Phycology		
Sydney Water Approved Signatory:		
, Analyst	, Supervisor	,



G		PHYTOPLANK	TON ANALYS	SIS		Page 1 of 2
Syan	ey T.C.D	REPORT Report no:	285315	Depth :	N/A	
VV A	ITN	Supercedes Report No	: 285252	Chlorophyll a:	NA	
				Microcystin equivalent	s: NA	
				Date analysed:	26/05/2023	
Lims No:	L23038844	Date Sampled:	7/05/2023	Analyst:		
Client ID: 2 <i>Site:</i>	233014	Address:				
Client:	Department of Pla	anning and Environment				
Method:	MA71CENT	Issued By : Commercial Ch Issued On : 29/	ent Representative 05/2023	Disclaimer: San received.	nples analysed as	
ТАХА						
			Cells/ mL	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanophy</u>	<u>ta (Blue green)</u>					
Anabaena		30	234 Ta	aste & Odour	4,444.39	, 3.204
Anabaenops	is	1	873 Po	otentially toxic	129.23	0.222
Anagnostidi	пета	10	324		311.78	0.182
Coccoid Blu	e Green Picoplan	kton 1124	723 Fi	lter clogging?	2,136.97	0.507
Cuspidothrix	x issatschenkoi	4	163		212.31	0.225
Dolichosper	mum affine	5	703		232.11	0.265
Dolichosper	mum cf planctonic	cum/smithii 2	237 Ta	aste & Odour	255.68	0.566
Limnothrix		7	770 Po	otentially toxic	77.7(	) 0.097
Planktolyng	bya	42	<b>697</b> Fi	lter clogging	426.97	3.415
Pseudanaba	ena	280	222		2,241.77	2.802
Raphidiopsis	\$	19	911		1,200.63	1.342
Raphidiopsis	s raciborskii	14	971 Po	otentially toxic, taste & odour	565.90	0.439
Sphaerosper	mopsis aphanizon	nenoides 15	651		469.53	0.589
Subtotal		1560	1479		12,704.97	13.855
		C	ells/ nL		ASU/ mL	Biovolume mm3/L
Total Blue	e Green	15600	00		12700.00	13.860
* Potentia	lly Toxic Blue Gree	n 246	10		772.80	0.758

Debris present in the sample.

\*Taxa with potential to produce toxins.

ASU : One ASU (Area Standard Unit) equals 400µm<sup>2</sup> of algal cells (as cross sectional area)

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

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





Uncertainty estimates are available for all accredited test results.