Suda	nout	PHYTOPLANKTO	ON ANALYSIS	5		Page 1 of 2
		REPORT Report no:	287373	Depth :	N/A	
	1120	Supercedes Report No:	287133	Chlorophyll a:	NA	
				Microcystin equivalents:	NA	
				Date analysed:	29/06/2023	
Lims No:	L23050836	Date Sampled:	13/06/2023	Analyst:		
Client ID: <i>Site:</i>	: B1-6	Address:				
Client:	Department of Pla	nning and Environment				
Method:	MA71CENT	Issued By : Commercial Client A Issued On : 05/07/2	Representative 023	Disclaimer: Sample received.	es analysed as	
TAX	A					
		Cel m ¹	ls/ L	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanoph</u>	<u>ıyta (Blue green)</u>					
Coccoid Bl	lue Green Picoplank	ton 2339044	Filter	· clogging?	4,444.1	8 1.056
Spirulina		3761			56.4	1 0.014
Subtotal	!	2342805			4,500.5	9 1.070
		Cells/ mL			ASU/ mL	Biovolume mm3/L
Total Blu	ue Green	2343000		4	4501.00	1.070
* Potenti	tially Toxic Blue Greer	ı 0			0.00	0.000

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.

Phycology					
Sydney Water Approved Signatory:					
, Analyst	, Analyst	,			



Gridnor	PHYTOPLANKTO	ON ANALYSIS	5		Page 1 of 2
	REPORT Report No:	287373	Depth :	N/A	
VAITN	Supercedes Report No:	287133	Chlorophyll a:	NA	
			Microcystin equivalents:	NA	
			Date analysed:	29/06/2023	
Lims No: L23050837	Date Sampled:	13/06/2023	Analyst:		
Client ID: B2-6 <i>Site:</i>	Address:				
Client: Department of Pla	anning and Environment				
<i>Method:</i> MA71CENT	Issued By : Commercial Client I Issued On : 05/07/20	Representative 023	Disclaimer: Samp received.	les analysed as	
ТАХА	Cel m]	ls/ L	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanophyta (Blue green)</u>					
Coccoid Blue Green Picoplan	kton 1130475	Filter	clogging?	2,147.9	0 0.510
Microcystis	2655	Poten	tially toxic, taste & odour	74.6	0 0.073
Myxobaktron	737			12.9	7 0.003
Planktolyngbya	8849	Filter	clogging	88.4	9 0.707
Spirulina	1475			22.1	2 0.005
Synechococcus cf	3540			43.5	4 0.023
Subtotal	1147731			2,389.6	2 1.321
	Cells/ mL			ASU/ mL	Biovolume mm3/L
Total Blue Green	1148000			2390.00	1.320
* Potentially Toxic Blue Gree	n 2660			74.60	0.073

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.

Phycology					
Sydney Water Approved Signatory:					
, Analyst	, Analyst	,			



Cardinary	PHYTOPLANKTO	N ANALYSIS	5		Page 1 of 2
	REPORT Report	287373	Depth :	N/A	
VVAIEn	Supercedes Report No:	287133	Chlorophyll a:	NA	
			Microcystin equivalents:	NA	
			Date analysed:	30/06/2023	
Lims No: L23050838	Date Sampled:	13/06/2023	Analyst:		
Client ID: E1-6 <i>Site:</i>	Address:				
Client: Department of Planning	g and Environment				
<i>Method:</i> MA71CENT	Issued By : Commercial Client K Issued On : 05/07/20	Representative 123	Disclaimer: Samp received.	les analysed as	
TAXA					.
	Cell mI	s/	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanophyta (Blue green)</u>					
Anabaenopsis	364	Poten	tially toxic	25.11	0.043
Coccoid Blue Green Picoplankton	985571	Filter	clogging?	1,872.58	0.444
Merismopedia	26547			26.54	0.223
Microcystis	3097	Poten	tially toxic, taste & odour	87.02	2 0.086
Spirulina	3687			55.30	0.013
Synechococcus cf	2212			27.20	0.014
Subtotal	1021478			2,093.75	0.823
	Cells/ mL			ASU/ mL	Biovolume mm3/L
Total Blue Green	1021000			2094.00	0.823
* Potentially Toxic Blue Green	3460			112.10	0.129

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	, Analyst	,			



Sud	0.017	PHYTOPLANKTO	ON ANALYSI	S		Page 1 of 2
		REPORT Report No:	287373	Depth :	N/A	
	4/20	Supercedes Report No:	287133	Chlorophyll a:	NA	
				Microcystin equivalents:	NA	
				Date analysed:	29/06/2023	
Lims No:	L23050839	Date Sampled:	13/06/2023	Analyst:		
Client ID: <i>Site</i> :	: E2-6	Address:				
Client:	Department of Pla	nning and Environment				
Method:	MA71CENT	Issued By : Commercial Client Issued On : 05/07/2	Representative 023	Disclaimer: Sampl received.	'es analysed as	
TAX	A					
		Cel m	lls/ L	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanoph</u>	<u>ıyta (Blue green)</u>					
Coccoid B	lue Green Picoplank	ton 882700	Filte	er clogging?	1,677.1	3 0.398
Merismope	edia	17698			17.6	9 0.149
Subtotal	!	900398			1,694.8/	2 0.547
		Cells/ mL			ASU/ mL	Biovolume mm3/L
Total Bl	ue Green	900400		:	1695.00	0.547
* Potent	tially Toxic Blue Greer	ı 0			0.00	0.000

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.

Phycology					
Sydney Water Approved Signatory:					
, Analyst	, Analyst	,			



Gud	nou	PHYTOPLANKTO	N ANALYSIS	5		Page 1 of 1
		REPORT Report no:	287373	Depth :	N/A	
~ ~ /	4 <i>1 2</i> N	Supercedes Report No:	287133	Chlorophyll a:	NA	
				Microcystin equivalents:	NA	
				Date analysed:	30/06/2023	
Lims No:	L23050840	Date Sampled:	13/06/2023	Analyst:		
Client ID <i>Site:</i>	: E3-6	Address:				
Client:	Department of Plan	ning and Environment				
Method:	MA71CENT	Issued By : Commercial Client I Issued On : 05/07/20	Representative 123	Disclaimer: Sampl received.	es analysed as	
ТАХ	A					
		Cell mI	ls/	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanopl</u>	nyta (Blue green)					
Coccoid B	Blue Green Picoplankto	n 626960	Filter	clogging?	1,191.2	22 0.283
Subtota	l	626960			1,191.2	0.283
		Cells/			ASU/	Biovolume
						IIIII3/L
Total B	lue Green	627000		1	1191.00	0.283
* Poten	tially 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 400µm² of algal cells (as cross sectional area)

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



Sudr	101	PHYTOPLANKTO)N ANALYSI	S		Page 1 of 2
		REPORT Report no:	287373	Depth :	N/A	
	lien	Supercedes Report No:	287133	Chlorophyll a:	NA	
				Microcystin equivalents:	NA	
				Date analysed:	28/06/2023	
Lims No:	L23050841	Date Sampled:	13/06/2023	Analyst:		
Client ID: <i>Site:</i>	E4-6	Address:				
Client:	Department of Play	nning and Environment				
Method:	MA71CENT	Issued By : Commercial Client J Issued On : 05/07/2	Representative 023	Disclaimer: Sampl received.	'es analysed as	
TAXA	A					
		Cel m	ls/ L	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanoph</u>	<u>yta (Blue green)</u>					
Coccoid Bl	ue Green Picoplankt	ton 806302	Filte	er clogging?	1,531.9	7 0.364
Merismope	dia	5899			5.8	9 0.049
Subtotal		812201			1,537.8	6 0.413
		Cells/ mL			ASU/ mL	Biovolume mm3/L
						
Total Blu	ie Green	812200		1	1538.00	0.413
* Potenti	ally 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 400µm² 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	, Analyst	,			



Gud		PHYTOPLANKTO	N ANALYSIS	5		Page 1 of 1
Syul		REPORT Report No:	287373	Depth :	N/A	
~ ~ /	4/20	Supercedes Report No:	287133	Chlorophyll a:	NA	
				Microcystin equivalents:	NA	
				Date analysed:	28/06/2023	
Lims No:	L23050842	Date Sampled:	13/06/2023	Analyst:		
Client ID <i>Site:</i>	: B3-6	Address:				
Client:	Department of Plan	ning and Environment				
Method:	MA71CENT	Issued By : Commercial Client I Issued On : 05/07/20	Representative 123	Disclaimer: Sample received.	les analysed as	
TAX	A					
		Cell mI	ls/	Significance	ASU/ mL	Biovolum mm3/L
<u>Cyanoph</u>	<u>ıyta (Blue green)</u>					
Coccoid B	lue Green Picoplankte	on 613539	Filter	clogging?	1,165.7	72 0.277
Subtotal	!	613539			1,165.7	72 0.277
		Cells/ mL			ASU/ mL	Biovolume mm3/L
Total Bl	ue Green	613500			1166.00	0.277
* Potent	tially 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 400µm² of algal cells (as cross sectional area)

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



Gred	nou	PHYTOPLANKTC)N ANALYSI	S		Page 1 of 1	
		REPORT Report no:	287373	Depth :	N/A		
~~ /	4 <i>1 ~</i> n	Supercedes Report No:	287133	Chlorophyll a:	NA		
				Microcystin equivalents.	: NA		
				Date analysed:	28/06/2023		
Lims No:	L23050843	Date Sampled:	13/06/2023	Analyst:			
Client ID <i>Site:</i>	: E5-6	Address:					
Client:	Department of Plannin	ng and Environment					
Method:	MA71CENT	Issued By : Commercial Client I Issued On : 05/07/20	Representative 023	Disclaimer: Samp received.	Disclaimer: Samples analysed as received.		
ТАХ	A						
		Cel ml	ls/ L	Significance	ASU mI	J/ Biovolum _ mm3/L	
<u>Cyanopl</u>	hyta (Blue green)						
Coccoid Blue Green Picoplankton		543705	Filte	er clogging?	1,03	3.03 0.245	
Subtota	l	543705			1,03	3.03 0.245	
		Cells/ mI			ASU/	Biovolume	
Total B	lue Green	543700			1033.00	0.245	
* Poten	tially 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 400µm² of algal cells (as cross sectional area)

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

