Sudnou		PHYTOPLANK	PHYTOPLANKTON ANALYSIS					
Syul		REPORT Report no:	285627	Depth :	N/A			
~ ~ ~	4/20	Supercedes Report No:		Chlorophyll a:	NA			
				Microcystin equivalents:	NA			
				Date analysed:	1/06/2023			
Lims No:	L23041692	Date Sampled:	16/05/2023	Analyst:		1		
Client ID: <i>Site:</i>	: 233800	Address:						
Client:	Department of Plan	nning and Environment						
Method:	MA71CENT	Issued By : Sydno Laboratory Servio Issued On : 03/00	ey Water ces 5/2023	Disclaimer: Samp received.	oles analysed as			
TAX	A	(Cells/ mL	Significance	ASI mJ	U/ Biovolum L mm3/L		
<u>Cyanoph</u>	<u>iyta (Blue green)</u>							
Coccoid B	lue Green Picoplankt	31892	23 Filte	er clogging?	6,05	9.52 1.439		
Subtotal	!	31892	23		6,05	9.52 1.439		
		Cel	ls/ L		ASU/ mL	Biovolume mm3/L		
Total Bl	ue Green	318900	0		6060.00	1.440		
* 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.





Uncertainty estimates are available for all accredited test results.

Grede		PHYTOPLANKTON ANALYSIS					
Syu	η ατς ο	REPORT	285627	Depth :	N/A		
~ ~ ~	4/20	Supercedes Report No	<i>o:</i>	Chlorophyll a:	NA		
				Microcystin equivale	ents: NA		
				Date analysed:	1/06/2023		
Lims No:	L23041694	Date Sampled:	16/05/20	23 Analyst:			
Client ID: <i>Site:</i>	: 233805	Address:					
Client:	Department of Plan	ning and Environment					
Method:	MA71CENT	Issued By : Syd Laboratory Ser Issued On : 03/	lney Water vices (06/2023	Disclaimer: So received.	amples analysed o	75	
TAX	A						
_	-		Cells/ mL	Significance		ASU/ mL	Biovolum mm3/L
<u>Cyanoph</u>	<u>iyta (Blue green)</u>						
Coccoid B	lue Green Picoplankto	n 1674	1254	Filter clogging?		3,181.08	0.755
Merismope	edia	44	1246			44.24	0.372
Subtotal	!	171	8500			3,225.32	1.127
		(Cells/ mL		ASU/ mL	1	Biovolume mm3/L
Total Bl	ue Green	1719	000		3225.00		1.130
* 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.





Uncertainty estimates are available for all accredited test results.

Gredmore	PHYTOPLANKTON ANALYSIS					
	REPORT Report no:	285627	Depth :	N/A		
WAITN	Supercedes Report No:		Chlorophyll a:	NA		
			Microcystin equivalents	s: NA		
			Date analysed:	1/06/2023		
Lims No: L23041696	Date Sampled:	16/05/2023	Analyst:			
Client ID: 233810 <i>Site:</i>	Address:					
Client: Department of Planning	g and Environment					
<i>Method</i> : MA71CENT	Issued By : Sydney Laboratory Service. Issued On : 03/06/2	Water s 2023	Disclaimer: Sam received.	ples analysed as		
ТАХА						
	Ce m	lls/ L	Significance	ASU/ mL	Biovolum mm3/L	
<u>Cyanophyta (Blue green)</u>						
Coccoid Blue Green Picoplankton	1541738	; Fil	ter clogging?	2,929.3	0 0.696	
Merismopedia	32447			32.4	4 0.273	
Subtotal	1574185			2,961.7	4 0.969	
	Cells/ mL	I.		ASU/ mL	Biovolume mm3/L	
Total Blue Green	1574000			2962.00	0.969	
* Potentially 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.





Uncertainty estimates are available for all accredited test results.

Sydney		PHYTOPL	PHYTOPLANKTON ANALYSIS					
		REPORT Report no:	2856	27 Dept	'h :	N/A		
	4720	Supercedes Rep	ort No:	Chlor	rophyll a:	NA		
				Micro	ocystin equivalents:	NA		
				Date	analysed:	1/06/2023		
Lims No:	L23041698	Date Sampled:	16/05	2023 Analy	yst:			
Client ID: <i>Site:</i>	233815	Address:						
Client:	Department of Pl	anning and Environmen	t					
Method:	MA71CENT	Issued By Laborator Issued On	: Sydney Water y Services 1 : 03/06/2023	i L	Disclaimer: Samp received.	les analysed as		
TAXA	A							
			Cells/ mL	Signifi	icance	ASU/ mL	Biovolum mm3/L	
<u>Cyanoph</u>	<u>yta (Blue green)</u>							
Coccoid Bl	lue Green Picoplan	kton	3264440	Filter clogging?		6,202.43	3 1.473	
Planktolyn	gbya		28760	Filter clogging		287.60	2.300	
Sphaerospe	ermopsis aphanizon	nenoides	607			18.21	0.022	
Synechocod	ccus cf		737			9.00	⁶ 0.004	
Subtotal	1	-	3294544			6,517.3() 3.799	
			Cells/ mL			ASU/ mL	Biovolume mm3/L	
Total Blu	ue Green		3295000			6517.00	3.800	
* Potenti	ially Toxic Blue Gree	en	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.





Uncertainty estimates are available for all accredited test results.

Greek	la orr	PHYTOPL	PHYTOPLANKTON ANALYSIS					
		REPORT Report no:		285627	Depth :	N/A		
~~	AITN	Supercedes Rep	port No:		Chlorophyll a:	NA		
					Microcystin eq	uivalents: NA		
					Date analysed:	1/06/20	23	
Lims No	p: L23041700	Date Sampled:		16/05/2023	Analyst:			
Client I <i>Site:</i>	D: 233820	Address:						
Client:	Department of Pla	nning and Environme	nt					
Method.	: MA71CENT	Issued B Laborato Issued O	y : Sydney Wate ory Services n : 03/06/2023	2 r	Disclaim received.	er: Samples analyse	ed as	
ТАУ	XA							
-			Cells/ mL		Significance		ASU/ mL	Biovolum mm3/L
<u>Cyanoj</u>	phyta (Blue green)							
Coccoid	Blue Green Picoplank	ton	1702571	Fil	ter clogging?		3,234.88	0.768
Merismo	opedia		8849				8.84	0.074
Subtot	al		1711420				3,243.72	0.842
			Cells/ mL			ASU/ mL		Biovolume mm3/L
Total	Blue Green		1711000			3244.00		0.842
* Pote	entially Toxic Blue Green	I	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.





Uncertainty estimates are available for all accredited test results.

Sydney	PHYTOPLANKT	PHYTOPLANKTON ANALYSIS					
	REPORT Report no:	285627	Depth :	N/A			
VAIEN	Supercedes Report No:		Chlorophyll a:	NA			
			Microcystin equivalents:	NA			
			Date analysed:	2/06/2023			
<i>Lims No:</i> L23041702	Date Sampled:	16/05/2023	Analyst:				
Client ID: 233825 <i>Site:</i>	Address:						
Client: Department of P	Planning and Environment						
<i>Method:</i> MA71CENT	Issued By : Sydne Laboratory Servic Issued On : 03/06	y Water es /2023	Disclaimer: Sampl received.	les analysed as			
ТАХА							
	C	Sells/ mL	Significance	ASU/ mL	Biovolum mm3/L		
<u>Cyanophyta (Blue green)</u>	2						
Anabaenopsis	77	7 Poten	tially toxic	53.61	0.092		
Coccoid Blue Green Picoplan	nkton 53492	9 Filter	clogging?	1,016.36	0.241		
Dolichospermum affine	20	8		8.46	0.009		
Merismopedia	1543	51		15.43	0.129		
Planktolyngbya	6420	57 Filter	clogging	642.67	5.141		
Sphaerospermopsis reniform	is111	0 Taste	& Odour	44.51	0.051		
Spirulina	774	13		116.14	0.028		
Subtotal	62440	5		1,897.18	5.691		
	Cell mI	s/		ASU/ mL	Biovolume mm3/L		
Total Blue Green	624500			1897.00	5.690		
* Potentially Toxic Blue Gre	een 777	,		53.60	0.092		

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.

Gud		PHYTOPLANKTON ANALYSIS					
Syu M		REPORT Report no:	28562	27 Depth :	N/A		
	AITN	Supercedes Report N	Vo:	Chlorophyll a:	NA		
				Microcystin eq	uivalents: NA		
				Date analysed:	2/06/2023	3	
Lims No	: L23041704	Date Sampled:	16/05/	2023 Analyst:			ł
Client II <i>Site:</i>	D: 233830	Address:					
Client:	Department of Plann	ing and Environment					
Method:	MA71CENT	Issued By : Sy Laboratory Se Issued On : 03	dney Water rvices V/06/2023	Disclaim received.	er: Samples analysed	as	
ТАХ	XA						
			Cells/ mL	Significance		ASU/ mL	Biovolum mm3/L
<u>Cyanop</u>	hyta (Blue green)						
Coccoid .	Blue Green Picoplanktor	229	0373	Filter clogging?		4,351.70	1.034
Merismo	pedia		8849			8.84	0.074
Subtota	ıl	225	99222			4,360.54	1.108
			Cells/ mL		ASU/ mL]	Biovolume mm3/L
Total B	Blue Green	2299	9000		4361.00		1.110
* Poter	ntially 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.





Uncertainty estimates are available for all accredited test results.

Sudnov		PHYTOPLANKTON ANALYSIS						Page 1 of 2
		REPORT Report no:		285627	Depth :	N/A		
~~ /	4/20	Supercedes R	eport No:		Chlorophyll a:	NA		
					Microcystin equivaler	ıts: NA		
					Date analysed:	2/06/20	23	
Lims No:	L23041706	Date Sampled	: 1	16/05/2023	3 Analyst:			
Client ID: <i>Site:</i>	: 233835	Address:	I					
Client:	Department of Pla	anning and Environm	ent					
Method:	MA71CENT	Issued I Labora Issued (By : Sydney Water tory Services On : 03/06/2023	r	Disclaimer: Sa received.	mples analyse	ed as	
TAXA	A		Cells/ mL		Significance		ASU/ mL	Biovolum mm3/L
Cyanoph	ivta (Blue green)		(74/22		Filter alogaing?		1 201 00	
Coccola Di	iue Green I icopium		674635		Filter clogging :		1,281.80	0.304
Subtotal	!		674635				1,281.80	0.304
			Cells/ mL			ASU/ mL		Biovolume mm3/L
Total Blu	ue Green		674600			1282.00		0.304
* Potent	ially Toxic Blue Gree	n	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.





Uncertainty estimates are available for all accredited test results.