

ALGAL REPORT

CLIENT :	Australian Laboratory Services Pty Ltd SA
LABORATORY NO./BATCH NO. :	187807 22-45580
LOCALITY :	EM2209350-003
SITE :	Bonneys
SAMPLE :	Surface
DATE SAMPLED :	18/05/2022
DATE ANALYSED :	24/05/2022
SAMPLED BY :	Sample analysed as received

COMMENTS: + A diverse community of algal taxa were observed. Current levels are unlikely to influence water quality.

Sedgewick-Rafter Vol.(ml)	1.0272	Toxicogenic (T) or Potentially toxic (P)	- 200x	- 100x	Total Cell Count (cells/mL)	Individual Algal Unit Volume (um3)	Total Biovolume (mm3/L)
Concentration	1 : 1	*	20	500			
Magnification							
Fields							

BACILLARIOPHYCEAE

Centrales		1	0	49	200	0.00974
Entomoneis		1	0	49	1000	0.04868
Gyrosigma		0	6	12	1400	0.01636
Naviculales		4	0	195	1400	0.27259
Pennales		8	0	389	300	0.11682
Pennales (small <20um)		3	0	146	251	0.03665
Pleurosigma		0	2	4	2000	0.00779

CHLOROPHYCEAE

Ankistrodesmoideae		29	0	1412	132	0.18633
Chlorococcoids (<10um)		25	0	1217	60	0.07301
Crucigenia		12	0	584	30	0.01752
Monoraphidium (small)		3	0	146	16	0.00234

CRYPTOPHYCEAE

Cryptomonads		1	0	49	320	0.01558
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CYANOPHYCEAE

Synechococcales small (iauv <20)		29	0	1412	5.25	0.00741
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OTHER PHYTOPLANKTON

Other small flagellates		4	0	195	80	0.01558
Prasinophytes		1	0	49	100	0.00487

TOTAL BGA	1412	0.00741
TOTAL TOXIGENIC BGA	0	0.00000
TOTAL POTENTIALLY TOXIC BGA	0	0.00000
TOTAL ALGAE	5908	0.83125

ANALYST: Adam Deliyannis (signatory) REVIEWED: Kirsten Mudie (signatory)
Biologist Biologist

DATE: 24/05/2022

