

Summary table of field observations and cyanobacterial analysis.											
Sampling Run: LAKE BURLEY GRIFFIN (BEACH MONITORING)				Sample Date: 3/08/2026				Job Name: CA2604529			
Client: NATIONAL CAPITAL AUTHORITY											
Site	Lotus Bay	Ferry Terminal	East Basin	Yarralumla Beach	Black Mountain Beach	Weston Park East	Weston Park West	Captain Cook Memorial Globe	Yarralumla Bay	Acton West	Floating Sauna
Site Code	LBG510	LBG511	LBG512	LBG514	LBG515	LBG516	LBG517	LBG538	LBG533	LBG539	LBG###
Sample Date/Time	3/08/2026 9:40	3/08/2026 7:55	3/08/2026 7:25	3/08/2026 9:30	3/08/2026 8:20	3/08/2026 9:10	3/08/2026 9:00	3/08/2026 7:40	3/08/2026 9:20	3/08/2026 8:10	3/08/2026 9:55
Enterococci – Confirmed (MPN/100mL)	10	83	2	68	11	3	3	25	26	4	10
Weather conditions	Overcast	Cloudy	Cloudy	Overcast	Cloudy	Overcast	Cloudy	Cloudy	Overcast	Cloudy	Overcast
Wind conditions	Calm	Calm	Calm	Breezy	Calm	Calm	Calm	Breezy	Calm	Calm	Breezy
Wind direction	Nil	Nil	Nil	North	Nil	North-east	Nil	East	North	East	North
Water Surface	Calm	Calm	Calm	Choppy	Calm	Calm	Calm	Calm	Calm	Calm	Choppy
Water Temperature °C	9.0	8.0	7.0	9.5	9.0	9.5	9.5	7.0	9.5	8.5	9.5
Turbidity (actual – NTU)	5.7	5.8	11.2	5.8	3.1	3.2	2.9	7.8	4.8	4.9	5.3
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Apparent Colour	Brown	Green	Green	Brown	Clear	Brown	Brown	Green	Brown	Green	Brown
Scums	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Macrophytes	Sparse	Absent	Absent	Absent	Absent	Absent	Healthy	Sparse	Healthy	Healthy	Dense
Floating green specks	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Filamentous growth	Sparse	Sparse	Healthy	Sparse	Healthy	Sparse	Healthy	Healthy	Sparse	Healthy	Sparse
Birds on water	1-10	1-10	0	1-10	1-10	1-10	1-10	0	1-10	0	0
Birds around site	0	1-10	0	1-10	0	1-10	1-10	0	1-10	1-10	0
Froth at shoreline	Nil	Nil	Scant	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Floating debris	Present	Absent	Absent	Present	Absent	Present	Absent	Present	Present	Present	Present
Oily film	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Sign Observed (Open, Closed, No Sign)	Open	Open	Open	Open	Open	Open	Open	No signs	Open	Open	No signs
Total blue-green algae concentration (cells/mL)	1051	1141	721	1064	951	623	462	972	828	567	1274
Biovolume mm ³ /L	0.003	0.004	0.0027	0.0028	0.0041	0.0016	0.0019	0.132	0.0357	0.0018	0.0029
Proposed Recreational Alert Level*	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low
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High risk/potential toxic Cyanophyta (cells/mL)**	0	0	0	0	0	0	0	0	137	0	0
<i>Dolichospermum circinale</i> (PTP)	0	0	0	0	0	0	0	0	137	0	0
Other potential-risk Cyanophyta (cells/mL)**	0	0	0	0	0	0	0	331	0	0	0
<i>Tychanema</i> spp	0	0	0	0	0	0	0	331	0	0	0
Low-risk Cyanophyta (cells/mL)**	1051	1141	721	1064	951	623	462	641	691	567	1274
<i>Aphanocapsa</i> spp	590	469	245	686	173	399	112	295	540	287	938
<i>Chroococcales</i> spp	461	672	476	378	778	224	350	346	151	280	336

*These proposed Alert Levels only are based on total blue-green algal biovolumes as per the revised ACT GUIDELINES FOR RECREATIONAL WATER QUALITY (see Appendix B). ALS is not responsible or liable for the final decision or action plan that will be implemented based on the proposed recreational Alert Levels given.

** Cyanophyta list is categorised according to 2024- 2025 potentially toxic species living in Australian waters, as well as toxic studies and their toxic status which were reported.

^Indicates that the site had a resample taken and these results have been reported instead of the original results.