

Summary table of field observations and cyanobacterial analysis.											
Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)				Sample Date:			Job Name:			
Client:	NATIONAL CAPITAL AUTHORITY				06/10/2026 & 07/10/2026^			CA2605914 & CA2605937^			
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	6/10/2026 10:10	6/10/2026 8:20	07/10/2026 15:00^	07/10/2026 15:10^	6/10/2026 8:45	07/10/2026 15:35^	6/10/2026 9:10	07/10/2026 15:25^	6/10/2026 9:40	6/10/2026 8:30	6/10/2026 10:00
Enterococci – Confirmed (MPN/100mL)	24	32	16^	3300^	20	48^	11	5^	58	52	36
Weather conditions	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Wind conditions	Breezy	Calm	Calm	Breezy	Breezy	Calm	Breezy	Calm	Calm	Breezy	Breezy
Wind direction	North	N/A	N/A	North	North	North	North	N/A	North	North	North
Water Surface	Choppy	Calm	Calm	Choppy	Choppy	Calm	Calm	Calm	Calm	Choppy	Choppy
Water Temperature °C	17.0	16.5	16.0	17.5	16.5	17.0	16.0	16.0	17.0	16.5	17
Turbidity (actual – NTU)	10.9	11.1	16.5	14.2	3.5	6.6	2.4	15.6	6.6	8.2	7.3
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Apparent Colour	Green	Green	Brown	Green	Clear	Green	Clear	Brown	Green	Green	Green
Scums	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Macrophytes	Healthy	Absent	Absent	Absent	Absent	Absent	Healthy	Sparse	Healthy	Sparse	Dense
Floating green specks	Sparse	Absent	Healthy	Absent	Absent	Absent	Absent	Sparse	Absent	Absent	Absent
Filamentous growth	Sparse	Sparse	Sparse	Sparse	Absent	Absent	Sparse	Healthy	Healthy	Sparse	Sparse
Birds on water	1-10	0	0	1-10	0	1-10	1-10	0	1-10	0	0
Birds around site	1-10	0	0	1-10	0	1-10	1-10	0	1-10	0	0
Froth at shoreline	Nil	Nil	Nil	Scant	Nil	Nil	Nil	Nil	Moderate	Moderate	Nil
Floating debris	Present	Present	Absent	Present	Present	Present	Present	Present	Present	Present	Absent
Oil film	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Sign Observed (Open, Closed, No Sign)	Open	Open	Open	Closed	Open	Open	Open	No signs	Open	Open	No signs
Total blue-green algae concentration (cells/mL)	494	1321	1141	1074	599	704	574	1357	535	851	485
Biovolume mm ³ /L	0.0013	0.0035	0.0026	0.0021	0.00165	0.0015	0.0013	0.0034	0.0009	0.00212	0.00111
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	0	0	0
Not detected	0	0	0	0	0	0	0	0	0	0	0
Other potential-risk Cyanophyta (cells/mL)**	0	0	0	0	0	0	0	0	0	0	0
Not detected	0	0	0	0	0	0	0	0	0	0	0
Low-risk Cyanophyta (cells/mL)**	494	1321	1141	1074	599	704	574	1357	535	851	485
Aphanocapsa spp	0	124	124	190	48	105	0	89	139	59	59
Chroococcus spp	0	19	57	38	0	19	0	40	0	0	0
Cyanogranis spp	266	608	618	608	266	380	356	713	277	436	248
Cyanocatena spp	228	570	342	238	285	200	218	515	119	356	178

*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.