

Summary table of field observations and cyanobacterial analysis.

Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)				Sample Date:			
Client:	NATIONAL CAPITAL AUTHORITY				13/04/2026 & 14/04/2026^			
Site	Lotus Bay	Ferry Terminal	East Basin	Yarralumla Beach	Black Mountain Beach	Weston Park East	Weston Park West	Captain Cook Memorial Globe
Site Code	LBG510	LBG511	LBG512	LBG514	LBG515	LBG516	LBG517	LBG538
Sample Date/Time	13/04/2026 9:30	13/04/2026 7:45	13/04/2026 7:20	13/04/2026 9:10	13/04/2026 8:10	13/04/2026 8:50	13/04/2026 8:40	14/04/2026 3:06:00 PM ^
Enterococci - Confirmed (MPN/100mL)	40	20	17	130	8	4	27	20^
Weather conditions	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Wind conditions	Calm	Calm	Calm	Breezy	Breezy	Breezy	Breezy	Breezy
Wind direction	Not Available	Not Available	Not Available	North West	North	North West	North	East
Water Surface	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Water Temperature ° C	15.5	15.4	15.5	15.6	15.5	15.7	15.4	15.7
Turbidity (actual - NTU)	7.3	7.5	11.7	8.8	5.1	6.0	4.3	10.3
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Apparent Colour	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Green
Scums	Absent	Absent	Present	Absent	Absent	Absent	Absent	Present
Macrophytes	Sparse	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Floating green specks	Healthy	Healthy	Healthy	Healthy	Healthy	Healthy	Sparse	Healthy
Filamentous growth	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Birds on water	0	1-10	0	0	0	0	1-10	0
Birds around site	0	1-10	0	0	0	0	1-10	0
Froth at shoreline	Nil	Nil	Scant	Scant	Scant	Nil	Nil	Nil
Floating debris	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Oily film	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Sign Observed (Open, Closed, No Sign)	Open	Advisory	Open	Closed	Open	Closed	Open	No signs
Total blue-green algae concentration (cells/mL)	3564	1226	19418	3822	4552	4782	3962	9127
Biovolume mm3/L	0.259	0.043	1.91	0.259	0.414	0.441	0.45	0.811
Proposed Recreational Alert Level*	Low	Low	Medium	Low	Low	Low	Low	Medium

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Site Code	LBG510	LBG511	LBG512	LBG514	LBG515	LBG516	LBG517	LBG538
High risk/potential toxic Cyanophyta (cells/mL)**	2960	475	18411	2960	3658	4069	2689	8395
<i>Microcystis aeruginosa</i> (PTP)	2960	475	16549	2960	3658	4069	2689	7920
<i>D. circinale</i> (PTP)	0	0	1862	0	0	0	0	475
Other potential-risk Cyanophyta (cells/mL)**	0	0	247	0	219	198	494	158
<i>Geitlerinma spp</i> (PTP)	0	0	247	0	0	0	0	158
<i>D. planktonicum</i>	0	0	0	0	219	198	494	0
Low-risk Cyanophyta (cells/mL)**	604	751	760	862	675	515	779	574
<i>Aphanocapsa spp</i>	446	466	646	644	570	376	551	317
Chroococcales spp	158	285	114	218	105	139	228	257

*These proposed Alert Levels only are based on total blue-green algal biovolumes as per the revised ACT GUIDELINES FOR RECREATIONAL WATER QUALITY (2017) and are not intended to be 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.

Yarralumla Bay	Acton West	Floating Sauna
LBG533	LBG539	LBG###
13/04/2026 9:00	13/04/2026 7:55	13/04/2026 9:20
50	2	20
Clear	Clear	Clear
Breezy	Breezy	Calm
North West	North	Not Available
Calm	Choppy	Calm
15.7	15.3	15.7
7.2	8.8	7.5
Normal	Normal	Normal
Brown	Brown	Green
Present	Absent	Absent
Sparse	Absent	Absent
Healthy	Healthy	Healthy
Absent	Absent	Absent
0	0	0
1-10	0	0
Nil	Scant	Nil
Present	Absent	Absent
Absent	Absent	Absent
Closed	Open	No signs
5188	5485	5834
0.386	0.425	0.666
Low	Low	Low

Yarralumla Bay	Acton West	Floating Sauna
LBG533	LBG539	LBG###
4418	4851	4323
4418	4851	4323
0	0	0
0	109	665
0	109	0
0	0	665
770	525	846
551	327	532
219	198	314

(see Appendix B). ALS is not
en.