

Summary table of field ob				
Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)			
Client:	NATIONAL CAPITAL AUTHORITY			
Site	Lotus Bay	Ferry Terminal	East Basin	Yarralumla Beach
Site Code	LBG510	LBG511	LBG512	LBG514
Sample Date/Time	20/04/2026 9:30	21/04/2026 13:20	20/04/2026 7:20	20/04/2026 9:10
Enterococci – Confirmed (MPN/100mL)	32	520^	95	2
Weather conditions	Clear	Clear	Clear	Clear
Wind conditions	Calm	Calm	Calm	Calm
Wind direction	Nil	North East	Nil	Nil
Water Surface	Calm	Calm	Calm	Calm
Water Temperature ° C	16.4	16.3	16.2	16.2
Turbidity (actual – NTU)	5.7	27.2	7.0	4.6
Odour	Normal	Normal	Normal	Normal
Apparent Colour	Brown	Brown	Brown	Brown
Scums	Present	Present	Present	Absent
Macrophytes	Absent	Absent	Absent	Absent
Floating green specks	Healthy	Dense	Healthy	Sparse
Filamentous growth	Absent	Absent	Absent	Absent
Birds on water	0	0	0	0
Birds around site	0	0	0	0
Froth at shoreline	Nil	Scant	Nil	Nil
Floating debris	Absent	Absent	Absent	Absent
Oily film	Absent	Absent	Absent	Absent
Sign Observed (Open, Closed, No Sign)	Open	Open	Advisory	Closed
Total blue-green algae concentration (cells/mL)	3060	272000	4900	5040
Biovolume mm3/L	0.0994	13.5	0.215	0.0855
Proposed Recreational Alert Level*	Low	Extreme	Low	Low
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High risk/potential toxic Cyanophyta (cells/mL)**	1960	269800	4285	1624
<i>Microcystis aeruginosa</i> (PTP)	1960	269800	4285	1624

Other potential-risk Cyanophyta (cells/mL)**				
<i>Dolichospermum spp</i>				
<i>D. planktonicum</i>				
Low-risk Cyanophyta (cells/mL)**	1099	1786	618	3416
<i>Aphanocapsa spp</i>	1099	1786	618	3416

*These proposed Alert Levels only are based on total blue-green algal biovolumes as responsible or liable for the final decision or action plan that v

**Cyanophyta list is categorised according to 2024- 2025 potentially toxic species living in Australian

^ indicates that the site had a re

Observations and cyanobacterial analysis.

Sample Date:				Job
20/04/2026 & 21/04/2026^				CA2602347
Black Mountain Beach	Weston Park East	Weston Park West	Captain Cook Memorial Globe	Yarralumla Bay
LBG515	LBG516	LBG517	LBG538	LBG533
20/04/2026 8:15	20/04/2026 8:50	20/04/2026 8:40	20/04/2026 7:35	20/04/2026 9:00
62	37	20	20	170
Clear	Clear	Clear	Clear	Clear
Calm	Calm	Calm	Calm	Calm
Nil	Nil	Nil	North East	Nil
Calm	Calm	Calm	Calm	Calm
16.1	16.6	15.9	16.5	16.2
3.3	29.1	3.0	74.9	5.5
Normal	Normal	Normal	Normal	Normal
Brown	Brown	Brown	Brown	Brown
Absent	Present	Absent	Present	Present
Absent	Absent	Absent	Absent	Sparse
Sparse	Dense	Sparse	Dense	Healthy
Absent	Absent	Absent	Absent	Absent
0	0	1-10	0	1-10
0	0	1-10	0	1-10
Nil	Scant	Nil	Nil	Nil
Absent	Absent	Absent	Absent	Absent
Absent	Absent	Absent	Absent	Absent
Open	Closed	Open	No signs	Closed
4160	47800	1440	592000	2630
0.196	2.73	0.0546	29.5	0.109
Low	Medium	Low	Extreme	Low

Sample Date:				
20/04/2026 & 21/04/2026^				
Black Mountain Beach	Weston Park East	Weston Park West	Captain Cook Memorial Globe	Yarralumla Bay
LBG515	LBG516	LBG517	LBG538	LBG533
3924	46094	1083	590436	2166
3924	46094	1083	590436	2166

	970			
	970			
238	733	352	1436	466
238	733	352	1436	466

over the revised ACT GUIDELINES FOR RECREATIONAL WATER QUALITY (see Appendix E will be implemented based on the proposed recreational Alert Levels given.

waters, as well as toxic studies and their toxic status which were reported.

sample taken and these results have been reported instead of the original results.

Name:	
& CA2602356	
Acton West	Floating Sauna
LBG539	LBG###
20/04/2026 8:00	20/04/2026 9:20
20	4
Clear	Clear
Calm	Calm
Nil	Nil
Calm	Calm
16.0	16.3
8.4	5.4
Normal	Normal
Brown	Brown
Absent	Absent
Absent	Absent
Sparse	Sparse
Absent	Absent
0	0
0	0
Nil	Nil
Absent	Absent
Absent	Absent
Open	No signs
4800	2100
0.224	0.0337
Low	Low

Acton West	Floating Sauna
LBG539	LBG###
4465	637
4465	637

337 337	1463 1463

3). *ALS is not*