

**Summary table of field observations and cyanobacterial analysis.**

Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)							Sample Date:		Job Name:		
Client:	NATIONAL CAPITAL AUTHORITY							22/06/2026		CA2603623		
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	22/06/2026 10:45	22/06/2026 10:45	22/06/2026 7:50	22/06/2026 10:20	22/06/2026 9:00	22/06/2026 9:50	22/06/2026 9:30	22/06/2026 8:20	22/06/2026 10:10	22/06/2026 8:45	22/06/2026 10:30	
Enterococci – Confirmed (MPN/100mL)	10	96	29	20	10	5	2	63	10	17	11	
Weather conditions	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	
Wind conditions	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	
Wind direction	Nil	Nil	Nil	North	West	Nil	Southwest	East	North	Nil	North	
Water Surface	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	
Water Temperature °C	12.0	11.5	10.5	12.0	11.0	12.5	11.0	11.0	12.0	10.5	11.5	
Turbidity (actual – NTU)	4.6	5.7	6.9	2.9	6.7	2.8	2.1	5.2	3.1	8.7	3.4	
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
Apparent Colour	Green	Clear	Clear	Clear	Clear	Clear	Clear	Green	Green	Green	Green	
Scums	Absent	Absent	Absent	Present	Present	Absent	Absent	Present	Absent	Present	Absent	
Macrophytes	Sparse	Absent	Absent	Absent	Absent	Absent	Absent	Sparse	Sparse	Sparse	Dense	
Floating green specks	Absent	Sparse	Sparse	Sparse	Healthy	Sparse	Sparse	Sparse	Absent	Healthy	Absent	
Filamentous growth	Sparse	Sparse	Sparse	Sparse	Sparse	Sparse	Sparse	Healthy	Sparse	Absent	Sparse	
Birds on water	0-10	0-10	0	0-10	0-10	0-10	0	0	0-10	0-10	0	
Birds around site	0-10	0-10	0	0	0-10	0	0	0	0-10	0	0	
Froth at shoreline	Nil	Nil	Nil	Nil	Moderate	Nil	Moderate	Scant	Nil	Moderate	Nil	
Floating debris	Present	Absent	Absent	Present	Present	Absent	Present	Present	Present	Present	Absent	
Oily film	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
Sign Observed (Open, Closed, No Sign)	Open	Open	Closed	Open	Open	Open	Open	No signs	Open	Open	No signs	
<b>Total blue-green algae concentration (cells/mL)</b>	712	827	941	1237	6081	904	941	634	1148	4504	703	
Biovolume mm <sup>3</sup> /L	0.009	0.015	0.031	0.043	0.357	0.023	0.016	0.013	0.035	0.285	0.016	
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)**	79	152	314	455	4000	219	139	119	356	3227	152	
<i>Microcystis aeruginosa</i> (PTP)	79	152	314	455	4000	219	139	119	356	3227	152	
Other potential-risk Cyanophyta (cells/mL)**	0	0	0	0	0	0	0	0	0	0	0	
None detected	0	0	0	0	0	0	0	0	0	0	0	
Low-risk Cyanophyta (cells/mL)**	633	675	627	782	2081	685	802	515	792	1277	551	
<i>Aphanocapsa</i> spp	277	523	228	366	1330	238	436	208	416	782	209	
<i>Chroococcus</i> spp	59	57	209	99	532	190	178	119	257	158	114	
<i>Chroococcales</i> spp	297	95	190	317	219	257	188	188	119	337	228	