

Summary table of field observations and cyanobacterial analysis.

Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)							Sample Date:		Job Name:		
Client:	NATIONAL CAPITAL AUTHORITY							29/06/2026 & 30/06/2026		CA2603835 & CA2603452		
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	29/06/2026 10:40	29/06/2026 10:40	29/06/2026 7:50	30/06/2026 12:20*	29/06/2026 9:00	29/06/2026 10:00	29/06/2026 9:30	29/06/2026 8:15	29/06/2026 10:10	29/06/2026 8:45	29/06/2026 10:30	
Enterococci – Confirmed (MPN/100mL)	4	52	26	12^	110	10	20	11	20	62	65	
Weather conditions	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	
Wind conditions	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	
Wind direction	Nil	Nil	Nil	Nil	West	Nil	Nil	West	Nil	West	Nil	
Water Surface	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	
Water Temperature °C	11.0	10.5	10.0	11.0	10.5	11.0	10.5	10.5	11.5	10.5	11	
Turbidity (actual – NTU)	4.2	12.9	6.9	3.5	2.6	3.2	2.0	4.9	3.5	3.7	3.7	
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
Apparent Colour	Green	Brown	Brown	Brown	Brown	Brown	Clear	Clear	Clear	Clear	Brown	
Scums	Absent	Present	Absent	Present	Present	Absent	Present	Present	Present	Absent	Absent	
Macrophytes	Sparse	Absent	Absent	Absent	Absent	Absent	Healthy	Sparse	Sparse	Healthy	Dense	
Floating green specks	Absent	Sparse	Absent	Sparse	Sparse	Sparse	Sparse	Sparse	Sparse	Sparse	Absent	
Filamentous growth	Sparse	Sparse	Healthy	Absent	Sparse	Sparse	Sparse	Healthy	Sparse	Sparse	Healthy	
Birds on water	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	
Birds around site	0-10	0-10	0	0-10	0	0-10	0	0	0-10	0	0	
Froth at shoreline	Nil	Nil	Nil	Nil	Moderate	Nil	Nil	Nil	Nil	Nil	Nil	
Floating debris	Absent	Present	Absent	Absent	Present	Present	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	Open	Open	Open	Open	Open	No signs	Open	Open	Open	
Total blue-green algae concentration (cells/mL)	655	4790	967	468	858	312	399	756	378	1290	637	
Biovolume mm ³ /L	0.0112	0.648	0.0327	0.0121	0.0325	0.0057	0.0085	0.0209	0.0096	0.0153	0.0172	
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)**	114	3666	338	130	354	57	86	221	103	135	184	
<i>Microcystis aeruginosa</i> (PTP)	114	1664	338	130	354	57	86	221	103	135	184	
<i>D. circinale</i> (PTP)	0	2002	0	0	0	0	0	0	0	0	0	
Other potential-risk Cyanophyta (cells/mL)**	0	78	166	0	62	0	0	54	0	157	0	
<i>Geitlerinema amphib</i>	0	78	166	0	62	0	0	54	0	157	0	
Low-risk Cyanophyta (cells/mL)**	541	1045	463	338	442	255	313	481	275	994	453	
<i>Aphanocapsa</i> spp	385	842	281	234	343	146	151	373	205	886	302	
Chroococcales spp	156	203	182	104	99	109	162	108	70	108	151	