

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

<b>Sampling Run:</b>	LAKE BURLEY GRIFFIN (BEACH MONITORING)				<b>Sample Date:</b>			<b>Job Name:</b>		
<b>Client:</b>	NATIONAL CAPITAL AUTHORITY				23/02/2026 & 24/02/2026					
<b>Site</b>	<b>Lotus Bay</b>	<b>Ferry Terminal</b>	<b>East Basin</b>	<b>Yarralumla Beach</b>	<b>Black Mountain Beach</b>	<b>Weston Park East</b>	<b>Weston Park West</b>	<b>Captain Cook Memorial Globe</b>	<b>Yarralumla Bay</b>	<b>Acton West</b>
<b>Site Code</b>	<b>LBG510</b>	<b>LBG511</b>	<b>LBG512</b>	<b>LBG514</b>	<b>LBG515</b>	<b>LBG516</b>	<b>LBG517</b>	<b>LBG538</b>	<b>LBG533</b>	<b>LBG539</b>
<b>Sample Date/Time</b>	23/02/26 09:19	23/02/26 07:22	23/02/26 07:00	23/02/26 09:07	23/02/26 07:49	24/02/26 13:17^	23/02/26 08:30	23/02/26 07:15	23/02/26 09:00	23/02/26 07:35
Enterococci – Confirmed (MPN/100mL)	22	82	35	68	24	4^	190	8	120	75
Weather conditions	Clear	Clear	Overcast	Clear	Overcast	Clear	Overcast	Clear	Clear	Overcast
Wind conditions	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Wind direction	West	N/A	N/A	Southwest	N/A	North	N/A	N/A	South	N/A
Water Surface	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Water Temperature (°C)	25	23.4	23.4	24.8	23.6	24.6	23.8	23.7	22.9	23.3
Turbidity (actual - NTU)	16.6	5.2	10.8	5.2	4.5	4.9	6.8	11.5	6.3	7.4
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Apparent Colour	Green	Clear	Brown	Green	Clear	Yellow	Clear	Green	Green	Brown
Scums	Present	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Macrophytes	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Floating green specks	Dense	Sparse	Healthy	Healthy	Sparse	Sparse	Sparse	Healthy	Healthy	Healthy
Filamentous growth	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Birds on water	0	10+	0	0	0	10+	0	0	0	0
Birds around site	0	10+	0	0	0	10+	0	0	0	0
Froth at shoreline	Scant	Nil	Nil	Nil	Nil	Nil	Scant	Scant	Nil	Scant
Floating debris	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Oily film	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
Total blue-green algae concentration (cells/mL)	63200	2960	5070	32100	4600	1840	9170	4300	4530	5970
Biovolume mm <sup>3</sup> /L	5.3	0.24	0.223	2.55	0.383	0.0465	0.711	0.364	0.17	0.481
Proposed Recreational Alert Level*	<b>High</b>	Low	Low	Medium	Low	Low	Medium	Low	Low	Medium

Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)				Sample Date:			Job Name:		
Client:	NATIONAL CAPITAL AUTHORITY				23/02/2026 & 24/02/2026			0		
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
Site Code	LBG510	LBG511	LBG512	LBG514	LBG515	LBG516	LBG517	LBG538	LBG533	LBG539
<b>High risk/potential toxic Cyanophyta (cells/mL)**</b>	<b>60002</b>	<b>2749</b>	<b>2533</b>	<b>29336</b>	<b>3974</b>	<b>486</b>	<b>7869</b>	<b>2788</b>	<b>2650</b>	<b>5513</b>
<i>Microcystis aeruginosa (PTP)</i>	58847	2749	2533	29047	3974	486	7869	2788	788	5513
<i>Chrysoosporum (Umezakia) ovalisporum (PTP)</i>	1155	0	0	289	0	0	0	0	1862	0
<b>Other potential-risk Cyanophyta (cells/mL)**</b>	<b>1345</b>	<b>0</b>	<b>0</b>	<b>289</b>	<b>235</b>	<b>160</b>	<b>234</b>	<b>769</b>	<b>110</b>	<b>0</b>
<i>Sphaerospermopsis spp</i>	1102	0	0	0	0	0	0	0	0	0
<i>Geitlerinema spp (PTP)</i>	243	0	0	289	0	160	0	0	110	0
<i>Phormidium spp</i>	0	0	0	0	235	0	234	769	0	0
<b>Low-risk Cyanophyta (cells/mL)**</b>	<b>1832</b>	<b>206</b>	<b>2534</b>	<b>2432</b>	<b>388</b>	<b>1193</b>	<b>1066</b>	<b>745</b>	<b>1766</b>	<b>461</b>
<i>Aphanocapsa spp</i>	935	132	657	1216	368	722	475	608	832	260
<i>Chroococcus spp</i>	0	0	59	0	20	0	0	137	0	69
<i>Cyanocatenas spp</i>	0	0	0	0	0	0	0	0	0	0
<i>Cyanogranis spp</i>	289	0	0	638	0	228	0	0	642	0
<i>Chroococcales spp</i>	608	74	1818	578	0	243	591	0	292	132
<i>Merismopedia spp</i>	0	0	0	0	0	0	0	0	0	0

\*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).

\*\* 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.

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