

Summary table of field observations and cyanobacterial analysis.

Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)				Sample Date:						
Client:	NATIONAL CAPITAL AUTHORITY				9/02/2026 & 11/02/2026^						
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	
Sample Date/Time	09/02/26 11:30	11/02/26 10:25^	09/02/26 08:56	11/02/26 10:56^	09/02/26 10:02	11/02/26 11:04^	11/02/26 11:45^	11/02/26 10:00^	09/02/26 11:11	09/02/26 09:43	
Enterococci - Confirmed (MPN/100mL)	110	56	68	178	160	96	46	680	140	32	
Weather conditions	Clear	Overcast	Overcast	Clear	Overcast	Clear	Overcast	Overcast	Clear	Overcast	
Wind conditions	Calm	Breezy	Calm	Calm	Calm	Calm	Calm	Breezy	Calm	Breezy	
Wind direction	N/A	Northwest	West	N/A	N/A	North	N/A	West	Northwest	South	
Water Surface	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	
Water Temperature (°C)	25.2	23.7	22.9	25.6	23.6	25	24.1	23.7	24.9	23.4	
Turbidity (actual - NTU)	10.9	9.9	19.7	10.5	8.6	6.8	4.0	14.2	8.2	10.3	
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
Apparent Colour	Brown	Green	Brown	Brown	Yellow	Yellow	Clear	Green	Green	Green	
Scums	Absent	Absent	Present	Present	Present	Absent	Absent	Absent	Present	Present	
Macrophytes	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
Floating green specks	Healthy	Absent	Absent	Healthy	Sparse	Absent	Sparse	Absent	Healthy	Absent	
Filamentous growth	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
Birds on water	0	0	1-10	0	0	0	0	0	0	0	
Birds around site	0	0	1-10	10+	10+	0	0	0	0	0	
Froth at shoreline	Nil	Nil	Scant	Scant	Moderate	Nil	Nil	Nil	Nil	Nil	
Floating debris	Present	Absent	Absent	Present	Absent	Absent	Absent	Present	Present	Present	
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)	1230	926	1430	7150	10200	1280	3010	304	2020	1560	
Biovolume mm ³ /L	0.0602	0.0131	0.0166	0.441	0.791	0.0479	0.0948	0.005	0.033	0.012	
Proposed Recreational Alert Level*	Low	Low	Low	Medium	Medium	Low	Low	Low	Low	Low	

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High risk/potential toxic Cyanophyta (cells/mL)**	683	137	163	5024	9050	536	1058	49	363	102	
<i>Microcystis aeruginosa</i> (PTP)	683	137	163	5024	9050	536	1058	49	363	102	
Other potential-risk Cyanophyta (cells/mL)**	0	0	107	132	225	0	103	0	0	153	
<i>Pseudanabaena limnetica</i>	0	0	51	61	98	0	103	0	0	82	
<i>Geitlerinema</i> spp (PTP)	0	0	56	71	127	0	0	0	0	71	
Low-risk Cyanophyta (cells/mL)**	551	789	1163	1998	878	739	1853	255	1652	1305	
<i>Aphanocapsa</i> spp	148	172	245	734	417	260	172	142	123	209	
<i>Chroococcales</i> - spp	77	147	102	122	147	153	113	113	118	117	
<i>Merismopedia</i> spp	326	470	816	1142	314	326	1568	0	1411	979	

*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). ALS is not responsible or liable for the final decision or action plan that will be implemented based on the proposed recreational Alert Levels

**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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