

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

<b>Sampling Run:</b>	LAKE BURLEY GRIFFIN (BEACH MONITORING)				<b>Sample Date:</b>						
<b>Client:</b>	NATIONAL CAPITAL AUTHORITY				19/01/2026						
<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>	19/01/26 10:20	19/01/26 07:50	19/01/26 07:20	19/01/26 10:05	19/01/26 08:15	19/01/26 09:40	19/01/26 09:30	19/01/26 07:35	19/01/26 9:55	19/01/26 08:00	
Enterococci - Confirmed (MPN/100mL)	80	90	15	56	10	17	52	43	78	6	
Weather conditions	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	
Wind conditions	Breezy	Breezy	Breezy	Breezy	Calm	Breezy	Breezy	Breezy	Breezy	Calm	
Wind direction	Southeast	East	East	South	East	East	Southeast	East	East	East	
Water Surface	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Choppy	Calm	Calm	
Water Temperature (°C)	20.6	19.3	18.9	21.3	20	21	21.2	19.4	20.6	19.9	
Turbidity (actual - NTU)	11.8	15.7	14.4	10.1	7.6	8.4	7.6	15.3	8.0	11.5	
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
Apparent Colour	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	
Scums	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
Macrophytes	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Sparse	Sparse	
Floating green specks	Sparse	Healthy	Healthy	Healthy	Sparse	Healthy	Sparse	Healthy	Sparse	Sparse	
Filamentous growth	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Sparse	Absent	Absent	
Birds on water	0	1-10	1-10	1-10	0	0	0	0	0	0	
Birds around site	0	1-10	1-10	1-10	0	0	0	0	0	0	
Froth at shoreline	Nil	Scant	Nil	Nil	Nil	Scant	Nil	Scant	Nil	Nil	
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)	3390	56300	131000	1520	17100	12200	1890	23700	7120	26700	
Biovolume mm <sup>3</sup> /L	0.0397	0.214	0.62	0.0755	0.278	0.276	0.0467	0.388	0.075	0.121	

<b>Sampling Run:</b>	LAKE BURLEY GRIFFIN (BEACH MONITORING)					Sample Date:			Job Name:		
<b>Client:</b>	NATIONAL CAPITAL AUTHORITY					19/01/2026			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	
High risk/potential toxic Cyanophyta (cells/mL)**	356	808	3344	827	2736	2831	485	3841	624	822	
Microcystis aeruginosa (PTP)	356	808	3344	827	2736	2831	485	3841	624	208	
Chry. ovalisporum (PTP)	0	0	0	0	0	0	0	0	0	614	
Other potential-risk Cyanophyta (cells/mL)**	0	0	124	0	0	152	0	0	0	0	
Geitlerinema spp (PTP)	0	0	124	0	0	152	0	0	0	0	
Low-risk Cyanophyta (cells/mL)**	3030	55480	127072	694	14383	9253	1406	19879	6494	25878	
Aphanocapsa planktonica	2911	54910	126027	504	13965	8740	1307	19404	6019	25225	
Chroococcus (Small)	119	570	1045	190	418	513	99	475	475	653	

\*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.

|

