

**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				12/03/2026 & 13/03/2026^				
<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>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>Sample Date/Time</b>	17/03/26 11:20^	17/03/26 10:35^	16/03/26 07:15	16/03/26 09:43	16/03/26 08:30	17/03/26 11:10^	16/03/26 09:13	17/03/26 10:20^	16/03/26 09:35
Enterococci - Confirmed (MPN/100mL)	6^	<4 ^	60	62	29	44^	13	6^	12
Weather conditions	Overcast	Clear	Overcast	Overcast	Overcast	Overcast	Overcast	Clear	Overcast
Wind conditions	Calm	Breezy	Calm	Calm	Calm	Calm	Calm	Breezy	Calm
Wind direction	N/A	Northeast	N/A	N/A	N/A	N/A	N/A	Northeast	N/A
Water Surface	Calm	Choppy	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Water Temperature (°C)	23.9	22.7	22.1	23.5	23.0	22.8	22.8	22.9	23.6
Turbidity (actual - NTU)	10.2	74.9	15.3	7.4	7.1	6.6	4.8	29.2	702.0
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Apparent Colour	Green	Green	Brown	Brown	Brown	Yellow	Clear	Green	Green
Scums	Present	Present	Absent	Present	Absent	Present	Absent	Present	Present
Macrophytes	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Floating green specks	Sparse	Dense	Healthy	Sparse	Absent	Healthy	Absent	Dense	Dense
Filamentous growth	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Birds on water	0	0	1-10	0	0	1-10	0	0	0
Birds around site	0	0	1-10	0	0	0	0	0	0
Froth at shoreline	Nil	Moderate	Nil	Scant	Nil	Scant	Nil	Moderate	Scant
Floating debris	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Oily film	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Sign Observed (Open, Closed, No Sign)	Open	Closed	Open	Advisory	Open	Closed	Open	No signs	Open
Total blue-green algae concentration (cells/mL)	4833	105795	7531	3167	2305	5975	1429	43316	2253
Biovolume mm <sup>3</sup> /L	0.27	9.17	0.84	0.234	0.17	0.41	0.082	3.71	0.14
Proposed Recreational Alert Level*	Low	<b>High</b>	Low	Low	Low	Low	Low	Medium	Low

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Client:	NATIONAL CAPITAL AUTHORITY				12/03/2026 & 13/03/2026 <sup>^</sup>			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
Site Code	LBG510	LBG511	LBG512	LBG514	LBG515	LBG516	LBG517	LBG538	LBG533
<b>High risk/potential toxic Cyanophyta (cells/mL)**</b>	<b>3112</b>	<b>105021</b>	<b>4603</b>	<b>2668</b>	<b>1299</b>	<b>4714</b>	<b>929</b>	<b>42520</b>	<b>1565</b>
<i>Microcystis spp</i>	3112	105021	4603	2668	1299	4714	929	42520	1565
<b>Other potential-risk Cyanophyta (cells/mL)**</b>	<b>0</b>	<b>122</b>	<b>1732</b>	<b>0</b>	<b>196</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>0</b>
<i>Dolichospermum spp</i>	0	122	1732	0	196	0	0	26	0
<b>Low-risk Cyanophyta (cells/mL)**</b>	<b>1721</b>	<b>652</b>	<b>1196</b>	<b>499</b>	<b>810</b>	<b>1261</b>	<b>500</b>	<b>770</b>	<b>688</b>
<i>Aphanocapsa spp</i>	1473	559	1018	229	359	995	311	596	392
<i>Chroococcus spp</i>	0	0	67	0	0	0	0	126	0
<i>Chroococcales small spp</i>	248	93	111	270	451	266	189	48	296

\*These proposed Alert Levels only are based on total blue-green algal biovolumes as per the revised ACT GUIDELINES FOR RECREATIONAL WATER (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 L

\*\*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.

<sup>^</sup> indicates that the site had a resample taken and these results have been reported instead of the original results.

**Acton West**

**LBG539**

17/03/26  
10:45^

8^

Clear

Calm

N/A

Calm

22.6

9.3

Normal

Clear

Absent

Absent

Absent

Absent

1-10

0

Nil

Absent

Absent

Open

6450

0.36

Low

<b>Acton West</b>
<b>LBG539</b>
<b>4081</b>
4081
<b>0</b>
0
<b>2369</b>
2213
89
67

QUALITY (see  
levels given.)