

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

Sampling Run:		LAKE BURLEY GRIFFIN (BEACH MONITORING)						Sample Date:		Job Name:			
Client:		NATIONAL CAPITAL AUTHORITY						15/06/2026		CA2603543			
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	15/06/2026 10:50	15/06/2026 10:50	15/06/2026 8:20	15/06/2026 10:30	15/06/2026 9:20	15/06/2026 10:10	15/06/2026 10:00	15/06/2026 8:40	15/06/2026 10:20	15/06/2026 9:10	15/06/2026 10:40		
Enterococci – Confirmed (MPN/100mL)	17	53	4	30	2	38	<1	2	19	5	7		
Weather conditions	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy		
Wind conditions	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm		
Wind direction	East	East	East	Nil	East	East	East	East	East	East	Nil		
Water Surface	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm		
Water Temperature °C	12.5	12.0	12.0	12.0	12.0	11.5	12.0	11.5	12.0	11.5	12.5		
Turbidity (actual – NTU)	4.3	3.6	6.9	2.6	2.7	2.6	2.3	3.9	3.6	6.4	3.6		
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal		
Apparent Colour	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Green	Brown	Brown	Brown		
Scums	Present	Present	Present	Absent	Absent	Present	Present	Present	Present	Present	Absent		
Macrophytes	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Sparse	Absent	Absent		
Floating green specks	Healthy	Sparse	Sparse	Absent	Sparse	Sparse	Sparse	Sparse	Sparse	Sparse	Absent		
Filamentous growth	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent		
Birds on water	0	1-10	1-10	0	0	0	1-10	1-10	0	0	0		
Birds around site	1-10	1-10	0	10+	0	1-10	1-10	1-10	1-10	0	1-10		
Froth at shoreline	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil		
Floating debris	Present	Absent	Absent	Present	Absent	Present	Absent	Present	Absent	Absent	Absent		
Only film	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent		
Sign Observed (Open, Closed, No Sign)	Open	Open	Closed	Closed	Open	Open	Open	No signs	Open	Open	No signs		
<b>Total blue-green algae concentration (cells/mL)</b>	1260	746	466	914	497	924	760	1010	1670	576	791		
Biovolume nm <sup>3</sup> /L	0.0813	0.0532	0.0206	0.0322	0.0248	0.0234	0.0287	0.0333	0.102	0.04	0.0375		
Proposed Recreational Alert Level*	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low		
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<b>High risk/potential toxic Cyanophyta (cells/mL)**</b>	<b>752</b>	<b>326</b>	<b>228</b>	<b>357</b>	<b>266</b>	<b>252</b>	<b>313</b>	<b>353</b>	<b>1012</b>	<b>209</b>	<b>315</b>		
<i>Microcystis aeruginosa (PTP)</i>	666	182	228	357	266	252	313	353	940	83	266		
<i>Dolichospermum circinale (PTP)</i>	86	144	0	0	0	0	0	0	72	126	49		
<b>Other potential-risk Cyanophyta (cells/mL)**</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>112</b>	<b>35</b>	<b>58</b>	<b>0</b>	<b>68</b>	<b>47</b>	<b>70</b>		
<i>Geitlerinema amphibiaum (PTP)</i>	50	0	0	0	112	35	58	0	68	47	70		
<b>Low-risk Cyanophyta (cells/mL)**</b>	<b>454</b>	<b>420</b>	<b>238</b>	<b>557</b>	<b>119</b>	<b>637</b>	<b>389</b>	<b>655</b>	<b>591</b>	<b>320</b>	<b>406</b>		
<i>Aphanocapsa spp</i>	274	196	112	431	77	574	313	194	490	234	196		
<i>Chroococcales spp</i>	180	224	126	126	42	63	76	461	101	86	210		