

Summary table of field observations and cyanobacterial analysis.												
Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)				Sample Date:				Job Name:			
Client:	NATIONAL CAPITAL AUTHORITY				06/07/2026 & 08/07/2026*				CA2603996 & CA2604036*			
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	6/07/2026 10:30	6/07/2026 10:30	08/07/2026 07:35*	6/07/2026 10:10	6/07/2026 9:00	6/07/2026 9:50	6/07/2026 9:30	6/07/2026 8:20	6/07/2026 10:00	6/07/2026 8:45	6/07/2026 10:20	
Enterococci – Confirmed (MPN/100mL)	36	36	38^	27	20	27	5	33	20	31	24	
Weather conditions	Cloudy	Cloudy	Cloudy	Clear	Cloudy	Clear	Clear	Cloudy	Clear	Clear	Clear	
Wind conditions	Breezy	Breezy	Breezy	Breezy	Calm	Breezy	Breezy	Breezy	Calm	Breezy	Breezy	
Wind direction	South	South	Southeast	South	South	South	Southeast	South	South	South	South	
Water Surface	Calm	Choppy	Choppy	Calm	Calm	Calm	Calm	Choppy	Calm	Choppy	Calm	
Water Temperature °C	10.0	10.0	9.0	10.0	10.0	10.5	10.0	9.0	10.0	9.5	10	
Turbidity (actual – NTU)	6.3	7.5	28.3	4.7	3.3	3.4	3.1	8.7	4.2	5.9	4.5	
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
Apparent Colour	Clear	Clear	Brown	Clear	Clear	Clear	Clear	Brown	Clear	Clear	Clear	
Scums	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
Macrophytes	Sparse	Absent	Absent	Absent	Absent	Absent	Healthy	Sparse	Absent	Healthy	Healthy	
Floating green specks	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Sparse	Absent	Sparse	Sparse	
Filamentous growth	Sparse	Absent	Sparse	Healthy	Sparse	Sparse	Sparse	Healthy	Healthy	Sparse	Healthy	
Birds on water	0-10	0	0	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0	
Birds around site	0-10	0	0	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0	
Froth at shoreline	Nil	Scant	Scant	Nil	Nil	Nil	Nil	Scant	Nil	Nil	Nil	
Floating debris	Present	Present	Absent	Absent	Absent	Absent	Present	Present	Present	Present	Present	
Oily film	Absent	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	No signs	
<b>Total blue-green algae concentration (cells/mL)</b>	<b>922</b>	<b>1614</b>	<b>3582</b>	<b>743</b>	<b>931</b>	<b>713</b>	<b>903</b>	<b>2252</b>	<b>912</b>	<b>903</b>	<b>505</b>	
Biovolume mm <sup>3</sup> /L	0.016	0.061	0.092	0.013	0.029	0.017	0.014	0.075	0.024	0.03	0.009	
Proposed Recreational Alert Level*	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	
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High risk/potential toxic Cyanophyta (cells/mL)**	152	663	969	109	297	158	114	808	228	323	79	
<i>Microcystis aeruginosa</i> (PTP)	152	663	969	109	297	158	114	808	228	323	79	
Other potential-risk Cyanophyta (cells/mL)**	0	0	0	0	0	0	0	0	0	0	0	
Not detected	0	0	0	0	0	0	0	0	0	0	0	
Low-risk Cyanophyta (cells/mL)**	770	951	2613	634	634	555	789	1444	684	580	426	
<i>Aphanocapsa</i> spp	494	634	1862	297	238	218	352	969	247	333	218	
<i>Chroococcales</i> spp	219	198	485	119	257	119	285	247	228	152	79	
<i>Chroococcus</i> sp	57	119	266	218	139	218	152	228	209	95	129	