Summary table of field observations and cyanobacterial analysis.											
Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)				**Sample Date:**			**Job Name:**			
Client:	NATIONAL CAPITAL AUTHORITY				9/11/2026			CA2606625			
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**	**LBG555**
Sample Date/Time	9/11/2026 10:25	9/11/2026 8:20	9/11/2026 7:45	9/11/2026 10:05	9/11/2026 8:50	9/11/2026 9:30	9/11/2026 9:20	9/11/2026 8:00	9/11/2026 9:50	9/11/2026 8:30	9/11/2026 10:15
Enterococci – Confirmed (MPN/100mL)	28	63	41	170	41	26	10	150	52	19	20
Weather conditions	Clear	Overcast	Clear	Clear	Clear	Clear	Clear	Overcast	Clear	Clear	Clear
Wind conditions	Calm	Breezy	Breezy	Calm	Calm	Calm	Calm	Breezy	Calm	Calm	Calm
Wind direction	South	South	South East	Not Available	Not Available	Not Available	South	South East	South	South	South
Water Surface	Calm	Choppy	Choppy	Calm	Calm	Calm	Calm	Choppy	Calm	Calm	Calm
Water Temperature ° C	18.0	17.0	16.5	18.5	17.5	18.5	18.0	17.0	18.0	17.5	18.5
Turbidity (actual – NTU)	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Rotting vegetation	Normal
Apparent Colour	Green	Brown	Brown	Green	Green	Green	Green	Brown	Green	Green	Green
Scums	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Macrophytes	Healthy	Absent	Absent	Absent	Absent	Absent	Dense	Absent	Healthy	Sparse	Dense
Floating green specks	Absent	Sparse	Sparse	Absent	Absent	Absent	Absent	Sparse	Absent	Absent	Absent
Filamentous growth	Healthy	Absent	Healthy	Sparse	Sparse	Sparse	Healthy	Sparse	Sparse	Sparse	Sparse
Birds on water	0	1-10	0	1-10	0	1-10	1-10	0	1-10	0	0
Birds around site	0	1-10	0	1-10	0	1-10	1-10	0	1-10	0	0
Froth at shoreline	Nil	Moderate	Scant	Nil	Nil	Nil	Nil	Scant	Nil	Nil	Nil
Floating debris	Absent	Present	Present	Present	Absent	Absent	Absent	Present	Present	Present	Absent
Oily film	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Sign Observed (Open, Closed, No Sign)	Closed	Open	Open	Open	Open	Open	Open	No signs	Open	Open	No signs
Total blue-green algae concentration (cells/mL)	**378**	**702**	**853**	**427**	**369**	**499**	**336**	**367**	**400**	**351**	**557**
Biovolume mm3/L	0.0015	0.0165	0.0395	0.0068	0.0077	0.0166	0.0027	0.0146	0.0100	0.0064	0.0169
Proposed Recreational Alert Level*	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low
Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)				**Sample Date:**			**Job Name:**			
Client:	NATIONAL CAPITAL AUTHORITY				9/11/2026			CA2606625			
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**	**LBG555**
High risk/potential toxic Cyanophyta (cells/mL)**	**0**	**125**	**406**	**43**	**68**	**156**	**0**	**151**	**86**	**54**	**166**
Microcystis spp (PTP)	0	125	406	43	68	156	0	151	86	54	166
Other potential-risk Cyanophyta (cells/mL)**	**0**	**442**	**338**	**157**	**99**	**177**	**173**	**86**	**130**	**113**	**104**
Geitlerinema spp	0	442	338	157	99	177	173	86	130	113	104
Low-risk Cyanophyta (cells/mL)**	**378**	**135**	**109**	**227**	**202**	**166**	**163**	**130**	**184**	**184**	**287**
Aphanocapsa spp	130	104	109	0	109	0	76	76	0	173	68
Chroococcus spp	32	31	0	0	31	31	22	54	11	11	21
Spirulina spp	0	0	0	0	62	0	0	0	0	0	0
Chroococcales spp	216	0	0	227	0	135	65	0	173	0	198

*****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 given.

****** *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.*