Summary table of field observations and cyanobacterial analysis.

Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)				**Sample Date:**			**Job Name:**			
Client:	NATIONAL CAPITAL AUTHORITY				26/10/2026 & 27/10/2026^			CA2606317 & CA2606073^			
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	27/10/2026 15:20^	26/10/2026 7:41	26/10/2026 7:05	27/10/2026 13:43^	26/10/2026 7:52	26/10/2026 8:58	26/10/2026 8:48	27/10/2026 13:30^	27/10/2026 13:53^	27/10/2026 14:50^	27/10/2026 14:00^
Enterococci – Confirmed (MPN/100mL)	560^	63	130	36^	130	55	20	60^	32^	93^	15^
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	Nil	South	Northwest	East	South	Nil	South	Nil	West	West
Water Surface	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Water Temperature ° C	20.3	18.7	19.3	19.3	18.2	19.1	18.9	19.3	19.7	18.1	19.7
Turbidity (actual – NTU)	6.4	6.5	8.3	4.3	4.1	4.3	2.9	11.0	5.9	7.2	4
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Apparent Colour	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Scums	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
Macrophytes	Sparse	Absent	Absent	Sparse	Absent	Absent	Healthy	Absent	Absent	Absent	Absent
Floating green specks	Sparse	Sparse	Sparse	Sparse	Sparse	Healthy	Healthy	Absent	Sparse	Sparse	Healthy
Filamentous growth	Sparse	Healthy	Sparse	Healthy	Sparse	Healthy	Sparse	Sparse	Sparse	Sparse	Sparse
Birds on water	0	1-10	1-10	1-10	1-10	0	1-10	0	0	1-10	0
Birds around site	1-10	1-10	1-10	1-10	1-10	1-10	1-10	1-10	1-10	1-10	1-10
Froth at shoreline	Nil	Nil	Nil	Nil	Scant	Nil	Scant	Nil	Nil	Moderate	Nil
Floating debris	Present	Present	Present	Present	Present	Present	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
Total blue-green algae concentration (cells/mL)	**447**	**261**	**348**	**536**	**206**	**255**	**286**	**480**	**870**	**421**	**443**
Biovolume mm^3/L	0.0032	0.0013	0.0017	0.0036	0.0010	0.0018	0.0022	0.0024	0.0060	0.0022	0.0035
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:**			
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Site Code	**LBG510**	**LBG511**	**LBG512**	**LBG514**	**LBG515**	**LBG516**	**LBG517**	**LBG538**	**LBG533**	**LBG539**	**LBG###**
High risk/potential toxic Cyanophyta (cells/mL)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
None detected	0	0	0	0	0	0	0	0	0	0	0
Other potential-risk Cyanophyta (cells/mL)**	**114**	**0**	**0**	**166**	**0**	**78**	**83**	**0**	**373**	**0**	**65**
Geitlerinema spp	114	0	0	166	0	78	83	0	373	0	65
Low-risk Cyanophyta (cells/mL)**	**333**	**261**	**348**	**370**	**206**	**177**	**203**	**480**	**497**	**421**	**378**
Aphanocapsa spp	73	94	120	146	49	52	0	151	308	146	108
Chroococcus spp	62	42	62	42	22	21	31	86	32	97	173
"Chroococcales" spp	198	125	166	182	135	104	120	243	157	178	97
Spirulina spp	0	0	0	0	0	0	52	0	0	0	0

*****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.*