Summary table of field observations and cyanobacterial analysis.											
Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)				**Sample Date:**			**Job Name:**			
Client:	NATIONAL CAPITAL AUTHORITY				16/11/2026 & 17/11/2026^			CA2606738 & CA2606832^			
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	17/11/2026 15:19^	16/11/2026 8:30	16/11/2026 8:00	17/11/2026 15:07^	16/11/2026 8:55	17/11/2026 14:48^	16/11/2026 9:20	16/11/2026 8:15	17/11/2026 15:01^	16/11/2026 8:40	16/11/2026 10:10
Enterococci – Confirmed (MPN/100mL)	50^	31	150	9900^	75	120^	130	140	39^	32	93
Weather conditions	Cloudy	Cloudy	Raining	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Wind conditions	Calm	Gusty	Gusty	Calm	Breezy	Calm	Calm	Gusty	Breezy	Breezy	Calm
Wind direction	South	South East	South East	South	South	Not Available	South	South East	South	South	Not Available
Water Surface	Calm	Choppy	Choppy	Calm	Calm	Calm	Calm	Choppy	Calm	Calm	Calm
Water Temperature °C	20.0	19.5	19.5	20.0	19.5	19.5	19.0	19.0	20.0	19.5	19.5
Turbidity (actual – NTU)	9.3	6.5	8.2	5.6	4.7	4.7	3.7	8.7	6.3	6.4	5
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Apparent Colour	Brown	Brown	Brown	Green	Green	Green	Green	Brown	Green	Green	Green
Scums	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Macrophytes	Sparse	Absent	Absent	Healthy	Sparse	Absent	Dense	Absent	Healthy	Healthy	Dense
Floating green specks	Sparse	Sparse	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Filamentous growth	Sparse	Healthy	Sparse	Healthy	Sparse	Sparse	Healthy	Sparse	Healthy	Healthy	Healthy
Birds on water	1-10	1-10	0	10+	1-10	1-10	1-10	0	1-10	1-10	1-10
Birds around site	1-10	1-10	0	10+	1-10	1-10	1-10	0	1-10	1-10	1-10
Froth at shoreline	Nil	Moderate	Scant	Nil	Nil	Nil	Nil	Scant	Nil	Nil	Nil
Floating debris	Present	Present	Present	Absent	Absent	Absent	Absent	Present	Present	Absent	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)	**1448**	**1320**	**1653**	**292**	**3713**	**2038**	**821**	**6810**	**4228**	**3370**	**354**
Biovolume mm3/L	0.0802	0.0893	0.0710	0.0124	0.1409	0.1403	0.0362	0.5525	0.1438	0.2766	0.0167
Proposed Recreational Alert Level*	Low	Low	Low	Low	Low	Low	Low	Medium	Low	Low	Low
Sampling Run:	LAKE BURLEY GRIFFIN (BEACH MONITORING)				**Sample Date:**			**Job Name:**			
Client:	NATIONAL CAPITAL AUTHORITY				16/11/2026 & 17/11/2026^			CA2606738 & CA2606832^			
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)**	**886**	**998**	**718**	**130**	**1331**	**1560**	**367**	**6307**	**1323**	**3175**	**182**
Microcystis spp (PTP)	886	998	718	130	1331	1560	367	6307	1323	3175	182
Other potential-risk Cyanophyta (cells/mL)**	**189**	**166**	**655**	**86**	**2028**	**343**	**346**	**265**	**2290**	**0**	**52**
Geitlerinema spp	189	166	655	86	2028	343	346	265	2290	0	52
Low-risk Cyanophyta (cells/mL)**	**373**	**156**	**280**	**76**	**354**	**135**	**108**	**238**	**615**	**195**	**120**
Aphanocapsa spp	308	114	218	76	302	83	108	184	529	173	104
Chroococcus spp	65	42	62	0	52	52	0	54	86	22	16

*****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.*