

Summary table of field observations and cyanobacterial analysis.

Sampling Run: LAKE BURLEY GRIFFIN (BEACH MONITORING)

Sample Date: 26/02/2024

Client: NATIONAL CAPITAL AUTHORITY

Site	Lotus Bay	Ferry Terminal	East Basin	Yarralumla Beach	Black Mountain Beach	Weston Park East	Weston Park West	Captain Cook Memorial	Yarralumla Bay	Acton West
<i>Site Code</i>	LBG510	LBG511	LBG512	LBG514	LBG515	LBG516	LBG517	LBG538	LBG533	LBG539
<i>Sample Date/Time</i>	26/02/2024 9:42	26/02/2024 8:03	26/02/2024 7:36	26/02/2024 9:30	26/02/2024 8:26	26/02/2024 9:04	26/02/2024 8:50	26/02/2024 7:50	26/02/2024 9:20	26/02/2024 8:30
Enterococci – Confirmed (MPN/100mL)	63	34	10	22	27	83	90	27	70	53
Weather conditions	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast
Wind conditions	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Wind direction	NA	SE	NA	NA	NA	NA	NA	SE	NA	NA
Water Surface	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Water Temperature (°C)	24	23.3	23.2	23.5	22.9	22.3	23.6	22.2	23.7	23.4
Turbidity (actual - NTU)	8.7	4.9	5.5	5.9	5.2	4.1	3.5	5.2	4.4	6.1
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Sewerage	Rotting	Normal
Apparent Colour	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Visible Algal Scums	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Macrophytes	Sparse	Sparse	Sparse	Dense	Sparse	Sparse	Dense	Sparse	Dense	Dense
Floating green specks	Absent	Dense	Absent	Absent	Absent	Absent	Absent	Dense	Absent	Sparse
Filamentous growth	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Birds on water	0	0	1-10	1-10	0	1-10	0	1-10	1-10	0
Birds around site	0	1-10	10+	1-10	0	1-10	1-10	1-10	1-10	0
Froth at shoreline	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Scant	Nil	Nil
Floating debris	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Present	Absent	Present
Oily film	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Total blue-green algae concentration (cells/mL)	876	15520	31281	2198	2311	2161	752	19979	897	2073
Biovolume mm ³ /L	0.0027	0.44	0.482	0.0903	0.0997	0.0193	0.0024	2.72	0.0016	0.0037

