

Summary table of field observations and cyanobacterial analysis.

Sampling Run: LAKE BURLEY GRIFFIN (BEACH MONITORING)

Sample Date: 11/04/2022

Job Name:

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>	11/04/2022 10:00	11/04/2022 8:17	11/04/2022 7:40	11/04/2022 9:50	11/04/2022 8:42	11/04/2022 9:30	11/04/2022 9:17	11/04/2022 8:00	11/04/2022 9:45	11/04/2022 8:27
Enterococci – Confirmed (MPN/100mL)	52	40	120	100	30	89	32	51	40	120
Weather conditions	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Wind conditions	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Wind direction	NW	E	NA	N	SE	NE	NW	E	N	NE
Water Surface	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Water Temperature (°C)	19.5	17.8	16.7	19.2	18.2	18.5	18.1	17.4	19	17.2
Turbidity (actual - NTU)	10.7	10.4	7.3	8.2	8.3	8	8.2	9.1	8.1	10.7
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Apparent Colour	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Scums	Absent	Absent	Absent	Absent	Absent	present	Absent	Absent	Absent	Absent
Macrophytes	Sparse	Sparse	Absent	Sparse	Absent	Sparse	Healthy	Sparse	Sparse	Sparse
Floating green specks	Sparse	Healthy	Absent	Healthy	Sparse	Healthy	Sparse	Absent	Sparse	Sparse
Filamentous growth	Sparse	Absent	Absent	Sparse	Absent	Healthy	Absent	Absent	Absent	Absent
Birds on water	1-10	0	1-10	1-10	1-10	10+	10+	0	0	1-10
Birds around site	10+	0	10+	1-10	10+	10+	10+	0	1-10	1-10
Froth at shoreline	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Floating debris	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Oily film	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Total blue-green algae concentration	1504	759	467	9045	306	856936	343	657	2000	504
Biovolume mm ³ /L	0.0556	0.0361	0.0169	0.738	0.0041	75.1	0.0096	0.0758	0.17	0.0113

