

Summary table of field observations and cyanobacterial analysis.

Sampling Run: LAKE BURLEY GRIFFIN (BEACH MONITORING)

Sample Date: 22/11/2021

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	Nerang Pool
Site Code	LBG510	LBG511	LBG512	LBG514	LBG515	LBG516	LBG517	LBG538	LBG533	LBG539	LBG540
Sample Date/Time	22/11/2021 10:56	22/11/2021 9:23	22/11/2021 8:30	22/11/2021 10:47	22/11/2021 9:51	22/11/2021 10:30	22/11/2021 10:20	22/11/2021 8:50	22/11/2021 10:41	22/11/2021 10:39	22/11/2021 9:10
Enterococci – Confirmed (MPN/100mL)	80	860	24	1400	47	88	21	16	56	124	260
Weather conditions	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast
Wind conditions	Strong	Strong	Calm	Breezy	Breezy	Breezy	Breezy	Breezy	Breezy	Breezy	Breezy
Wind direction	NE	N	NA	N	N	N	N	NE	NA	NA	NE
Water Surface	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Choppy	Calm	Calm	Calm
Water Temperature (°C)	17.8	15.8	17.8	17.8	17.1	17.5	18	17.3	17.8	17.7	16.6
Turbidity (actual - NTU)	24.2	16.7	20.9	19	18.3	13.6	19.6	24.1	19.9	20.3	18.9
Odour	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Apparent Colour	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Green
Scums	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Macrophytes	Absent	Sparse	Absent	Absent	Absent	Absent	Absent	Absent	Sparse	Absent	Absent
Floating green specks	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Filamentous growth	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Birds on water	0	0	10+	10+	0	0	0	0	0	0	0
Birds around site	0	0	10+	10+	1-10	0	0	0	0	1-10	0
Froth at shoreline	Nil	Scanty	Nil	Nil	Nil	Scant	Nil	Dense	Nil	Nil	Nil
Floating debris	Absent	Present	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Oily film	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Total blue-green algae concentration	898	637	570	1044	1323	606	365	599	577	395	833
Biovolume mm ³ /L	0.0076	0.0478	0.0114	0.108	0.156	0.0064	0.0294	0.0089	0.0013	0.0095	0.0142

