

Ellerton Drive Extension Environment Protection Licence 20852



EPL Monitoring data – June 2020

1 ENVIRONMENT PROTECTION LICENCE – DETAILS

The Environment Protection Licence for the Ellerton Drive Project (No. 20852) can be viewed on the EPA website [here](#).

The Licensee is:

WBHO Infrastructure Pty Ltd
580 St Kilda Road
Melbourne VIC 3004

2 SEDIMENT BASIN DISCHARGE – WATER MONITORING

Under Condition M2.3 of EPL 20852, water must be monitored daily during any discharge.

No sediment basin water was discharged during May 2020.

Concentration limits:

pH:	6.5 – 8.5
TSS:	50 mg/L (*if a statistical correlation is established between TSS and NTU, NTU may be used in place of TSS)
Oil and grease:	Not visible

Table 1 Sediment basin discharge monitoring

Basin ID	Date	Total Suspended Solids (TSS) (mg/L)	Turbidity (NTU)	pH	Oil and grease	Comments

3 DUST MONITORING

Under Condition M2.2 of EPL 20852, dust must be monitored monthly at each monitoring point.

Two (2) dust monitoring gauges (DMGs) listed on EPL 20852 were in operation during the period May 2020 – June

2020. Dust samples were collected from gauges at the following locations in June 2020:

NCA 5 – DMG 05 - Sensitive receiver, Lonergan Drive

NCA 8 – DMG 09 - Sensitive receiver, Alfred Place

The result of the dust monitoring is provided in Table 1 below.

Table 1 – Dust Monitoring

		DMG ID		DMG 05	DMG 09
		EPL identifier		7	11
		Start date of sampling		21/05/20	21/05/20
		End date of sampling		22/06/20	22/06/20
Analyte	Unit	Level of concern	LOR		
Ash content	g/m ² .month	4	0.05	0.27	0.89
Combustible matter	g/m ² .month	n/a	0.2	<0.2	0.3
Total insoluble matter	g/m ² .month	4	0.2	0.4	1.2
Total insoluble matter (annual average to date)	g/m ² .month	4		1.3	3.4

LOR = Limit of reporting

EPL = Environment Protection Licence

4 NOISE MONITORING

Under Condition M2.4 of EPL 20852, noise monitoring at each monitoring point must be conducted monthly.

The noise monitoring results from the nominated monitoring locations are summarised in Table 2 below.

Table 2 Noise monitoring results May 2020

Noise monitoring location details	Measurement details		Measured noise levels dB(A) (15 minute sample)				Construction noise dominated?	Description of ambient noise sources	Construction noise generating activities
			LAeq	LA10	LA90	LAMax			
NCA 5	Date:	22/06/2020	47.3	46.5	41.0	71.7	Yes	Wildlife	Drilling Vehicles driving
Loneragan Drive	Start time:	13:35:00							
EPL ID: 15	Run time:	15 minutes							
	Wind speed:	17							
	Wind direction:	Northwest							
	Temp (°C):	10.4							
	Cloud cover:	5							
NCA 8 (A)	Date:	22/06/2020	51.3	53.0	43.0	75.3	No	Local traffic Native wildlife	Construction vehicles
Alfred Place	Start time:	10:55:00							
EPL ID: 18	Run time:	15 minutes							
	Wind speed:	6km/h							
	Wind direction:	West							
	Temp (°C):	5.7°C							
	Cloud cover:	3							