

Ellerton Drive Extension

Environment Protection Licence 20852



EPL Monitoring data – March 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.

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

No sediment basin was discharged during the month of March 2020.

3 DUST MONITORING

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

Four (4) dust monitoring gauges (DMGs) listed on EPL 20852 were in operation during the period February 2020 – March 2020.

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

- NCA 5 – DMG 05 - Sensitive receiver, Lonergan Drive
- NCA 7 – DMG 07 - Sensitive receiver, Doeberl Place
- NCA 8 – DMG 08 - Sensitive receiver, Barracks Flat 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 07	DMG 08	DMG 09	
		EPL identifier	7	9	10	11	
		Start date of sampling	21/02/2020	21/02/2020	21/02/2020	21/02/2020	
		End date of sampling	23/03/2020	24/03/2020	24/03/2020	23/03/2020	
Analyte	Unit	Level of concern	LOR				
Ash content	g/m ² .month	4	0.05	0.71	1.54	1.74	2.17
Combustible matter	g/m ² .month	n/a	0.2	0.4	0.4	0.8	0.7
Total insoluble matter	g/m ² .month	4	0.2	1.1	1.9	2.5	2.9
Total insoluble matter (annual average to date)	g/m ² .month	4		1.3	3.1	2.4	4.1

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 March 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:	23/03/2020	57.7	60.5	52.0	70.5	Y		Pump at bridge deck Roller and grader backfilling abutment Workers on foot and hand tools
Lonergan Drive	Start time:	11:45:00							
EPL ID: 15	Run time:	15:00							
	Wind speed:	2 m/s							
	Wind direction:	NE							
	Temp (°C):	20							
	Cloud cover:	3/8							
NCA 8 (A)	Date:	16/03/2020	58.0	61.0	53.0	73.9	Y	Traffic on Old Cooma Road Traffic on Edwin Land Parkway	Concrete placement Fill 9 Construction vehicles and trucks near intersection
Alfred Place	Start time:	8:14:00							
EPL ID: 18	Run time:	15:00							
	Wind speed:	1-2 m/s							
	Wind direction:	N							
	Temp (°C):	18							
	Cloud cover:	2/8							