



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING DATA

June 2021

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1. Introduction

The Albion Park Rail bypass is a new 9.8 kilometre motorway to bypass Albion Park Rail and extend the M1 Princes Motorway between Yallah and Oak Flats to bypass Albion Park Rail. The motorway would complete the 'missing link' for a high standard road between Sydney and Bomaderry.

Transport for NSW has contracted Fulton Hogan to design and construct the Albion Park Rail bypass. The construction works commenced in January 2019.

In accordance with section 66(6) of the POEO Act the following report details all required monitoring undertaken over the reporting period.

2. Sediment Basin Discharges

Due to the low amount of rainfall received during the month there were no sediment basin discharges off-site during the reporting period.

3. Noise Monitoring Results

Table 2 Noise monitoring results – June 2021

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
2	L1 - 20 Westwood Drive, Blackbutt	16/06/2021	54	No construction noises audible at time of monitoring. Most dominant noise sources: Traffic - Princes HWY (47-56) Power tools from neighbours shed (48-62)
3	L2 - 78 Jarrah Way, Albion Park Rail	16/06/2021	61	Construction audible at time of monitoring: Hammers (42-48) other dominant noise sources at time of monitoring: Navy Helicopter (60-80) and people talking at playground (40-52)
4	L3 - 17 Gumnut Street, Albion Park Rail	16/06/2021	53	No construction audible at time of monitoring. Most dominant noise source : dog barking (48-56) birds (44-51) and traffic on Croome Rd (48-69)
5	L4 - 152 Croome Road, Albion Park	16/06/2021	68	No construction audible at time of monitoring. Most dominant noise source: Traffic on Croome Rd (44-81)
6	L5 - 59 Burdekin Drive, Albion Park	16/06/2021	57	No construction audible at time of monitoring. Most dominant noise source: Cars on Burdekin Dr (46-74)X13

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
7	L6 - 25 Fraser Crescent, Albion Park	16/06/2021	46	No construction audible at time of monitoring. Most dominant noise source: Helicopter (48-65)
8	L7 - 52 Tongarra Road, Albion Park	16/06/2021	71	No construction audible at time of monitoring. Most dominant noise source: Traffic on Tongarra Rd (47-81)
9	L8 - 24 Terry Street, Albion Park	16/06/2021	69	No construction audible at time of monitoring. Most dominant noise source: Traffic on Terry St (47-88)
10	L9 - 42 Larkins Lane, Yallah	16/06/2021	64	No construction at time of monitoring. Most dominant noise source: Traffic on the new alignment (50-73)
11	L10 - 4 Semillon Place, Mount Brown	16/06/2021	59	No construction audible at time of monitoring. Traffic from Princes HWY (50-69) and birds (40-51) most dominant noise source.

4. Air Monitoring Results

Table 3 Composite Monitoring results – June 2021

EPA ID#	Location	Ash Content g/m ² .month	Combustible Matter g/m ² .month	Total Insoluble Matter g/m ² .month
12	DMG 1 34 Princes Highway, Yallah	0.1	<0.1	0.1
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	0.6	0.2	0.8

Table 4 Continuous Monitoring results – June 2021

EPA ID#	Location	PM_{2.5} (mg/m³)	PM₁₀ (mg/m³)	Total Suspended particles (mg/m³)
14	*RT2 – 2 Stapleton St, Albion Park	No recordings	No recordings	No recordings
15	RT1 – Cnr Woollybutt Dr & East West Link, Albion Park Rail	Min: 0.0000 Avg: 0.0070 Max: 0.1740	Min: 0.0000 Avg: 0.0078 Max: 0.1740	Min: 0.0000 Avg: 0.0078 Max: 0.1740

*RT2 monitor did not record readings for the month due to mechanical repairs being carried out
Note:

1. The project EPL only requires the project to monitor Particulate Matter (PM_{2.5}, PM₁₀ and TPS) and does not stipulate criteria for air quality to be recorded against.