



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING DATA

April 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 – April 2021

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
2	L1 - 20 Westwood Drive, Blackbutt	21/04/2021	56	No construction noises audible at time of monitoring. Most dominant noise sources: Traffic - Princesw HWY (52-64)
3	L2 - 78 Jarrah Way, Albion Park Rail	21/04/2021	52	Construction noises audible at time of monitoring: Moxies running on main alignment (48-50)
4	L3 - 17 Gumnut Street, Albion Park Rail	21/04/2021	52	Construction noises audible at time of monitoring: 35T Excavator working on Croome Rd rebuild (47-52)
5	L4 - 152 Croome Road, Albion Park	21/04/2021	68	No construction audible at time of monitoring. Most dominant noise source: Traffic on Croome Rd (44-83)
6	L5 - 59 Burdekin Drive, Albion Park	21/04/2021	56	No construction at time of monitoring. Most dominant noise source: Traffic on Burdekin Dr (47-75)
7	L6 - 25 Fraser Crescent, Albion Park	21/04/2021	46	No construction at time of monitoring. Most dominant noise source: Birds (39-47) and Traffic on nearby roads (43-57) X5
8	L7 - 52 Tongarra Road, Abion Park	21/04/2021	73	No construction audible at time of monitoring. Most dominant noise source: Traffic on Tongarra Rd (46-83)

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
9	L8 - 24 Terry Street, Albion Park	22/04/2021	70	No construction audible at time of monitoring. Most dominant noise source: Traffic on Terry St (50-84) and Birds (42-49)
10	L9 - 42 Larkins Lane, Yallah	21/04/2021	54	Construction noise audible: Truck on main alignment - north bound (53-62) and LV (53-59) X6. Most dominant noise sources: Princes HWY (51-54) and crickets (50-53)
11	L10 - 4 Semillon Place, Mount Brown	22/04/2021	56	No construction audible at time of monitoring. Traffic along Princes HWY (50-66) and birds (44-50) most dominant noise source.

4. Air Monitoring Results

Table 3 Composite Monitoring results – April 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	0.7	1.0	1.7
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	0.3	<0.1	0.3

Table 4 Continuous Monitoring results – April 2021

EPA ID#	Location	PM _{2.5} (mg/m ³)	PM ₁₀ (mg/m ³)	Total Suspended particles (mg/m ³)
14	RT2 – 2 Stapleton St, Albion Park	Min: 0.0000 Avg: 0.0002 Max: 0.0014	Min: 0.0000 Avg: 0.0002 Max: 0.0014	Min: 0.0000 Avg: 0.0002 Max: 0.0014
15	RT1 – Cnr Woollybutt Dr & East West Link, Albion Park Rail	Min: 0.0029 Avg: 0.0087 Max: 0.0164	Min: 0.0035 Avg: 0.0098 Max: 0.0171	Min: 0.0035 Avg: 0.0098 Max: 0.0171

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.