



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING DATA

January 2022

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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 operational stage and advanced landscaping of the project all discharge points have been removed from the licence.

3. Noise Monitoring Results

Table 2 Noise monitoring results – January 2022

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
2	L1 - 20 Westwood Drive, Blackbutt	24/01/2022	50	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
3	L2 - 78 Jarrah Way, Albion Park Rail	24/01/2022	46	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
4	L3 - 17 Gumnut Street, Albion Park Rail	24/01/2022	50	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
5	L4 - 152 Croome Road, Albion Park	24/01/2022	67	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
6	L5 - 59 Burdekin Drive, Albion Park	24/01/2022	53	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
7	L6 - 25 Fraser Crescent, Albion Park	24/01/2022	47	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
8	L7 - 52 Tongarra Road, Abion Park	24/01/2022	73	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
9	L8 - 24 Terry Street, Albion Park	24/01/2022	70	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
10	L9 - 42 Larkins Lane, Yallah	24/01/2022	64	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
11	L10 - 4 Semillon Place, Mount Brown	24/01/2022	59	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources

4. Air Monitoring Results

Table 3 Composite Monitoring results – January 2022

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	0.9	2.2	3.1
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	0.8	0.4	1.2

Table 4 Continuous Monitoring results – January 2022

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: 0.0088 Max: 0.1520	Min: 0.0000 Avg: 0.0103 Max: 0.1730	Min: 0.0000 Avg: 0.0104 Max: 0.1730

15	RT1 – Cnr Woollybutt Dr & East West Link, Albion Park Rail	Min: 0.0000 Avg: 0.0093 Max: 0.2730	Min: 0.0000 Avg: 0.0102 Max: 0.2750	Min: 0.0000 Avg: 0.0102 Max: 0.2750
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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.