



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING DATA

February 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 are no longer required and have been removed from the licence.

3. Noise Monitoring Results

Table 2 Noise monitoring results – February 2022

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
2	L1 - 20 Westwood Drive, Blackbutt	14/02/2022	51	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	14/02/2022	54	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	14/02/2022	51	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
5	L4 - 152 Croome Road, Albion Park	14/02/2022	66	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
6	L5 - 59 Burdekin Drive, Albion Park	14/02/2022	51	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
7	L6 - 25 Fraser Crescent, Albion Park	14/02/2022	43	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	14/02/2022	64	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
9	L8 - 24 Terry Street, Albion Park	14/02/2022	70	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
10	L9 - 42 Larkins Lane, Yallah	14/02/2022	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	14/02/2022	59	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources

4. Air Monitoring Results

Due to the extreme weather events experienced on the project in the month of February dust deposition samples suffered contamination and could not be analysed.

It is important to note that construction activities associated with the project have been significantly reduced and given the project is completely a stabilised landscape, air quality levels are consistent with the surrounding atmosphere.

Table 4 Continuous Monitoring results – February 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: 0.0040 Avg: 0.0071 Max: 0.0500	Min: 0.0000 Avg: 0.0103 Max: 0.1730	Min: 0.0000 Avg: 0.0104 Max: 0.1730
15 ²	RT1 – Cnr Woolybutt Dr & East West Link, Albion Park Rail	Min: 0.0040 Avg: 0.0040 Max: 0.0040	Min: 0.0040 Avg: 0.0040 Max: 0.0040	Min: 0.0040 Avg: 0.0040 Max: 0.0040

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.
2. RT1 was removed from receivers address on 2/2/22 due to a change in land occupancy