



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING DATA

September 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

Multiple Sediment Basin were discharges off-site during the reporting period.

Table 1 Monitoring results – September 2021

Date	Location	pH	NTU (Field)	Suspended Solids (mg/L)	Oil and Grease
6/09/2021	SB18520E	7.9	15.33	12	No
7/09/2021	SB24300E	6.9	6.56	10	No
8/09/2021	SB24400E	8.5	11.38	15	No

3. Noise Monitoring Results

Table 2 Noise monitoring results – September 2021

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
2	L1 - 20 Westwood Drive, Blackbutt	20/09/2021	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	20/09/2021	49	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	20/09/2021	64	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
5	L4 - 152 Croome Road, Albion Park	20/09/2021	67	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
6	L5 - 59 Burdekin Drive, Albion Park	20/09/2021	58	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
7	L6 - 25 Fraser Crescent, Albion Park	20/09/2021	48	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
8	L7 - 52 Tongarra Road, Albion Park	20/09/2021	72	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
9	L8 - 24 Terry Street, Albion Park	20/09/2021	64	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
10	L9 - 42 Larkins Lane, Yallah	20/09/2021	63	No construction noise was audible at the time of monitoring, all noise attributable to background noise sources
11	L10 - 4 Semillon Place, Mount Brown	20/09/2021	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 – September 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	0.6	0.7	1.3
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	1.0	1.0	2.0

Table 4 Continuous Monitoring results – September 2021

EPA ID#	Location	PM_{2.5} (mg/m³)	PM₁₀ (mg/m³)	Total Suspended particles (mg/m³)
14	RT2 – 2 Stapleton St, Albion Park	Min: 0.0000 Avg: 0.0071 Max: 0.1240	Min: 0.0000 Avg: 0.0078 Max: 0.1310	Min: 0.0000 Avg: 0.0079 Max: 0.1370
15	RT1 – Cnr Woollybutt Dr & East West Link, Albion Park Rail	Min: 0.0000 Avg: 0.0077 Max: 0.3690	Min: 0.0000 Avg: 0.0084 Max: 0.6500	Min: 0.0000 Avg: 0.0085 Max: 0.6800

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.