



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING DATA

December 2019

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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.

RMS 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

No Sediment basins were discharges off-site during the reporting period due to limited rainfall.

3. Noise Monitoring Results

Table 2 Noise monitoring results – December 2019

EPA ID#	LOCATION	Date	L(A) _{eq} (15min)	Comments
2	L1 - 20 Westwood Drive, Blackbutt	11/12/2019	56.2	No construction noise audible. Traffic from the Princes Hwy (53-58) most dominant noise source.
3	L2 - 78 Jarrah Way, Albion Park Rail	11/12/2019	51.3	Moxies (45-46) and squawker (44) were the construction noises audible. Birds (46-58) airplanes (49-62) and traffic (46-55) were the most dominant noise sources.
4	L3 - 17 Gumnut Street, Albion Park Rail	11/12/2019	65.2	Scrapers (52-73) and squawker (53-55) were the construction noises audible.
5	L4 - 152 Croome Road, Albion Park	11/12/2019	68.3	Traffic (50-78) most dominant noise source. No construction audible at time of monitoring.
6	L5 - 59 Burdekin Drive, Albion Park	11/12/2019	61.4	No construction noise audible. Traffic from the Burdekin Dr (50-77) most dominant noise source.
7	L6 - 25 Fraser Crescent, Albion Park	11/12/2019	50.8	Birds (46-59) and trees rustling (44-47) were the constant noises monitored. No construction audible at time of monitoring.

EPA ID#	LOCATION	Date	L(A) _{eq} (15min)	Comments
8	L7 - 52 Tongarra Road, Albion Park	11/12/2019	73.8	Traffic on Tongarra Rd (50-83) most dominant noise source. No construction audible at time of monitoring.
9	L8 - 24 Terry Street, Albion Park	11/12/2019	71.6	No construction noise audible. Traffic from the Princes Hwy (53-58) most dominant noise source.
10	L9 - 42 Larkins Lane, Yallah	11/12/2019	60.2	Scrapers (55-78) most dominant noise source.
11	L10 - 4 Semillon Place, Mount Brown	11/12/2019	56.2	No construction audible at time of monitoring.

4. Air Monitoring Results

Table 3 Composite Monitoring results – December 2019

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	1.8	0.2	2.0
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	1.3	0.6	1.9

Table 4 Continuous Monitoring results – December 2019

EPA ID#	Location	PM2.5	PM10	Total Suspended particles
14	RT2 – 2 Stapleton St, Albion Park	Compliant	Compliant	Compliant
15	RT1 – Cnr Woollybutt Dr & East West Link, Albion Park Rail	Compliant	Compliant	Compliant

Note: Levels compliant for construction impacts however regional impacts caused exceedances in the levels