



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING REPORT

February 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

As there are no Sediment Basins Active on-site there was no off-site discharge during the reporting period.

Table 1 Monitoring results – February 2019

Date	Basin ID	pH	NTU	TSS	Oil and Grease

3. Noise Monitoring Results

Table 2 Noise monitoring results – February 2019

EPA ID#	LOCATION DESCRIPTION	Date	$L(A)_{eq(15min)}$	Comments
2	L1 - 20 Westwood Drive, Blackbutt	11/02/2019	55.1	Construction inaudible over Princes HWY traffic (53-55) Postie bike (55-69) airplane (56-70)
3	L2 - 78 Jarrah Way, Albion Park Rail	11/02/2019	54.1	Construction inaudible over traffic (56-62) and airplanes (63-68)
4	L3 - 17 Gumnut Street, Albion Park Rail	11/02/2019	58.7	Most dominant noise: Water truck (64-78)
5	L4 - 152 Croome Road, Albion Park	11/02/2019	69	Construction inaudible. Traffic from Croome Rd (60-78) most dominant noise source.
6	L5 - 59 Burdekin Drive, Albion Park	11/02/2019	60.3	Construction not audible. Traffic on Burdekin Drive most dominate noise source, also a helicopter flew into the area causing spike

7	L6 - 25 Fraser Crescent, Albion Park	11/02/2019	48.2	No construction audible. 3 constant noises: Birds chirping (47-59) Traffic on Terry St (44-46) Trees rustling (44-45)
8	L7 - 52 Tongarra Road, Albion Park	11/02/2019	77.3	No construction audible. Main noise source was from traffic on Tongarra Rd (64-79).
9	L8 - 24 Terry Street, Albion Park	11/02/2019	72.4	No construction audible. Main noise source was from traffic on Terry St (65-81).
10	L9 - 42 Larkins Lane, Yallah	11/02/2019	68.3	No construction audible. Main noise source was from the traffic from the Princes Highway (67-68)
11	L10 - 4 Semillon Place, Mount Brown	11/02/2019	61.9	No construction audible at time. Main noise source was the traffic from the Princes Highway (55-56 dBA) and a whipper snipper in a neighbouring property (60-67).

4. Air Monitoring Results

Table 3 Composite Monitoring results – February 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	3.2	0.7	3.9
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	2.2	0.6	2.8

**Table 4 Continuous Monitoring results – February 2019**

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