



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING DATA

August 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

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

Table 1 Monitoring results – August 2019

Date	Basin ID	pH	NTU	TSS	Oil and Grease
2/08/2019	SB21800E	7.8	10.58	18	No
20/08/2019	SB23200W	8.1	9.51	13	No

3. Noise Monitoring Results

Table 2 Noise monitoring results – August 2019

EPA ID#	LOCATION DESCRIPTION	Date	L(A) _{eq(15min)}	Comments
2	L1 - 20 Westwood Drive, Blackbutt	27/08/2019	44	Hammering in Cut 5 was the only construction noise audible (48-54)
3	L2 - 78 Jarrah Way, Albion Park Rail	26/08/2019	44	Construction noise audible; hammering (46-50) and squawker (42-43)
4	L3 - 17 Gumnut Street, Albion Park Rail	21/08/2019	50	Squawker (44-52) only construction noise audible at time of monitoring. Traffic (Croome Rd) most dominant noise source.
5	L4 - 152 Croome Road, Albion Park	21/08/2019	65	Squawker (39-43) and excavator (54-59) audible construction noises whilst monitoring. Croome Rd most dominant noise source (56-80)

6	L5 - 59 Burdekin Drive, Albion Park	27/08/2019	71	Traffic on Burdekin Dr (50-76) most dominant noise source. Construction inaudible
7	L6 - 25 Fraser Crescent, Albion Park	26/08/2019	42	No construction audible. Main noise sources birds (38-46)
8	L7 - 52 Tongarra Road, Abion Park	21/08/2019	67	Construction noise inaudible over traffic on Tongarra Rd at time of monitoring.
9	L8 - 24 Terry Street, Albion Park	27/08/2019	66	No construction audible.
10	L9 - 42 Larkins Lane, Yallah	27/08/2019	51	Unable to hear construction at time of monitoring.
11	L10 - 4 Semillon Place, Mount Brown	27/08/2019	40	No construction audible at time of monitoring

4. Air Monitoring Results

Table 3 Composite Monitoring results – August 2019

EPA ID#	Location	Ash Content g/m².month	Combustible Matter g/m².month	Total Insoluble Matter g/m².month
12	DMG 1 34 Princes Highway, Yallah	0.2	<0.1	0.2
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	0.2	0.2	0.4

Table 4 Continuous Monitoring results – August 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