



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING DATA

October 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 – October 2019

Date	Basin ID	pH	NTU	TSS	Oil and Grease
9/10/2019	SB17600E	8.3	4.47	9	No
14/10/2019	SB20650E	7.2	13.8	14	No
14/10/2019	SB16400W	7.8	4.1	5	No
15/10/2019	SB17600E	8.2	12.21	10	No
15/10/2019	SB24650W	8	13.66	6	No
15/10/2019	SB23150W	8.1	3.66	<5	No
15/10/2019	SB23200W	8.4	3.52	5	No

3. Noise Monitoring Results

Table 2 Noise monitoring results – October 2019

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
2	L1 - 20 Westwood Drive, Blackbutt	30/10/2019	55	Works inaudible at time of monitoring. Princes HWY traffic (48-60) a grinder from neighbours yard (58-64) and airplanes were the only noise sources.
3	L2 - 78 Jarrah Way, Albion Park Rail	30/10/2019	54.4	Hammering was the only construction noise audible (53-54). Traffic (49-51) and birds (50-62) most dominant noise sources.

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
4	L3 - 17 Gumnut Street, Albion Park Rail	30/10/2019	60	Moxies (54-74) and a 20T Escavator (64-65) and Bulldozer (51-60) were the construction noises audible during monitoring.
5	L4 - 152 Croome Road, Albion Park	30/10/2019	65.4	No construction noise audible when monitoring.
6	L5 - 59 Burdekin Drive, Albion Park	30/10/2019	53.3	Construction noises at time of monitoring: excavator (52-54) and squawker (48-49).
7	L6 - 25 Fraser Crescent, Albion Park	30/10/2019	53	Excavator (44-49) only construction noise audible at time of monitoring.
8	L7 - 52 Tongarra Road, Albion Park	30/10/2019	72.1	Most dominant noise source is traffic on Tongarra Road (56-84). Only construction noise audible was a squawker (50-51).
9	L8 - 24 Terry Street, Albion Park	30/10/2019	70.9	Squawker (47-48) only construction noise at time of monitoring.
10	L9 - 42 Larkins Lane, Yallah	30/10/2019	54.3	Piling (50-51) only construction activity audible at time of monitoring.
11	L10 - 4 Semillon Place, Mount Brown	30/10/2019	60.1	No construction audible at time of monitoring.

4. Air Monitoring Results

Table 3 Composite Monitoring results – October 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	2.0	1.7	3.7
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	0.8	0.3	1.1

Table 4 Continuous Monitoring results – October 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