



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING DATA

January 2020

Contents

1. Introduction	3
2. Sediment Basin Discharges	3
3. Noise Monitoring Results	3
4. Air Monitoring Results	4

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 Basin were discharges off-site during the reporting period.

Table 1 Monitoring results – January 2020

Date	Basin ID	pH	NTU	TSS	Oil and Grease
21/01/2020	SB16400W	7.9	16.29	6	No
23/01/2020	SB18800W	8.2	9.29	22	No
23/01/2020	SB24650W	8.3	14.31	10	No
24/01/2020	SB21320W	8.2	16.72	16	No

3. Noise Monitoring Results

Table 2 Noise monitoring results – January 2020

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
2	L1 - 20 Westwood Drive, Blackbutt	16/01/2020	56	No construction noise audible. Traffic from the Princes Hwy (48-53) most dominant noise source.
3	L2 - 78 Jarrah Way, Albion Park Rail	22/01/2020	50	Hammering (47-54) only construction audible at time of monitoring. Cars on East West Link (50-62) most dominant noise source.
4	L3 - 17 Gumnut Street, Albion Park Rail	16/01/2020	56	Piling Rig (53-77) most dominant noise source at time of monitoring.
5	L4 - 152 Croome Road, Albion Park	22/01/2020	70	Hammering (53-54) only construction audible at time of monitoring. Cars on Croome rd (53-87) most dominant noise source.

EPA ID#	LOCATION	Date	L(A) _{eq(15min)}	Comments
6	L5 - 59 Burdekin Drive, Albion Park	16/01/2020	59	No construction noise audible. Traffic from the Burdekin Dr (50-77) most dominant noise source.
7	L6 - 25 Fraser Crescent, Albion Park	22/01/2020	48	Hammering (49-52), squawker (46-47) and dozer (44-48) construction noises audible at time of monitoring. Birds (44-56) most dominant noise source.
8	L7 - 52 Tongarra Road, Albion Park	22/01/2020	73	Squawker (48-43) and moxies (47-52) construction noises audible. Traffic on Tongarra Rd (43-85) most dominant noise source.
9	L8 - 24 Terry Street, Albion Park	22/01/2020	72	No construction audible at time of monitoring. Most dominant noise source was traffic on Terry St (50-84) and black cockatoos (52-59).
10	L9 - 42 Larkins Lane, Yallah	30/01/2020	60	Truck and dogs (50-75) and excavator (52-56) most dominant noise sources.
11	L10 - 4 Semillon Place, Mount Brown	30/01/2020	60	No construction audible at time of monitoring.

4. Air Monitoring Results

Table 3 Composite Monitoring results – January 2020

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	7.9	1.4	9.3
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	1.3	0.4	5.1

Table 4 Continuous Monitoring results – January 2020

EPA ID#	Location	PM _{2.5}	PM ₁₀	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
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Note: The project EPL only requires the project to monitor Particulate Matter (PM_{2.5}, PM₁₀ and TPS) and does not stipulate a criteria for air quality to be recorded against.