



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING REPORT

April 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 – April 2019

Date	Basin ID	pH	NTU	TSS	Oil and Grease
17/04/2019	SB24650W	6.9	1.1	18	No
29/04/2019	SB24650W	8.35	6	16	No

3. Noise Monitoring Results

Table 2 Noise monitoring results – April 2019

EPA ID#	LOCATION DESCRIPTION	Date	L(A) _{eq(15min)}	Comments
2	L1 - 20 Westwood Drive, Blackbutt	30/04/2019	54.2	Construction inaudible over Princes HWY traffic (50-59) Dogs barking (58-70)
3	L2 - 78 Jarrah Way, Albion Park Rail	30/04/2019	49.9	Birds (43-53) and Traffic (43-45) most dominant noise source
4	L3 - 17 Gumnut Street, Albion Park Rail	30/04/2019	49.8	Scrapers (48-54) and Traffic (47-49) most dominant noise sources
5	L4 - 152 Croome Road, Albion Park	30/04/2019	62.8	Traffic (53 - 78) on Croome Rd most dominant noise source
6	L5 - 59 Burdekin Drive, Albion Park	30/04/2019	60.3	No construction audible at time of monitoring

7	L6 - 25 Fraser Crescent, Albion Park	30/04/2019	48.4	Earthworks machinery audible (44-46) Birds (49-65) and trees (47-49) louder
8	L7 - 52 Tongarra Road, Abion Park	30/04/2019	70.6	Traffic (55-77) most dominant including some truck and dogs entering gate 16. CB truck (77-80)
9	L8 - 24 Terry Street, Albion Park	30/04/2019	69.6	Traffic along Illawarra HWY/Terry St (63-82)
10	L9 - 42 Larkins Lane, Yallah	30/04/2019	59.3	Traffic - princes HWY (50-60) and birds (53-55) most dominant noise source
11	L10 - 4 Semillon Place, Mount Brown	30/04/2019	57	No construction audible at time of monitoring

4. Air Monitoring Results

Table 3 Composite Monitoring results – April 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	1.1	0.2	1.3
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	0.5	0.3	0.8

Table 4 Continuous Monitoring results – March 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