



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING DATA

June 2019

Contents

1. Introduction	3
2. Sediment Basin Discharges	3
3. Noise Monitoring Results	4
4. Air Monitoring Results	5

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 – June 2019

Date	Basin ID	pH	NTU	TSS	Oil and Grease
5/06/2019	SB16400W	6.94	16	19.8	No
5/06/2019	SB17100W	7.77	10.2	14	No
5/06/2019	SB17600E	7.57	8.4	12	No
6/06/2019	SB24650W	6.52	3.7	<5	No
6/06/2019	SB23150W	6.81	24.7	17	No
6/06/2019	SB21800E	7.22	7.6	13	No
6/06/2019	SB21550E	7.41	10.3	11	No
7/06/2019	SB24100W	6.7	32.2	10	No
12/06/2019	SB24100W	6.17	12	4	No
13/06/2019	SB23150W	8.1	13.23	15	No
13/06/2019	SB21800E	8.32	11.72	10	No
13/06/2019	SB15550E	8.2	10.98	17	No
15/06/2019	SB23200W	8.2	11.2	13	No
17/06/2019	SB24100W	8.2	9.1	7	No
19/06/2019	SB24650W	8.2	10.59	17	No
19/06/2019	SB16400W	8.35		7	No
21/06/2019	SB23200W	8.1	12.2	18	No

3. Noise Monitoring Results

Table 2 Noise monitoring results – June 2019

EPA ID#	LOCATION DESCRIPTION	Date	L(A) _{eq(15min)}	Comments
2	L1 - 20 Westwood Drive, Blackbutt	21/06/2019	59.7	Hammering at Cut 5 (57-58) Princes HWY traffic (58-60) Dogs barking (55-59) most dominant noise sources.
3	L2 - 78 Jarrah Way, Albion Park Rail	21/06/2019	53	Hammering just audible (49-52). Traffic (East West Link) most dominant noise source
4	L3 - 17 Gumnut Street, Albion Park Rail	21/06/2019	59.9	Works inaudible at time of monitoring. Most dominant noise sources include, airplanes, traffic and tree's rustling.
5	L4 - 152 Croome Road, Albion Park	28/06/2019	68.9	Traffic on Croome RD (54-80) most dominant noise source. No construction noise audible.
6	L5 - 59 Burdekin Drive, Albion Park	28/06/2019	65.2	Traffic on Burdekin Dr (62-80) most dominant noise source. Construction inaudible.
7	L6 - 25 Fraser Crescent, Albion Park	28/06/2019	48.9	Traffic on Tongarra Rd (48-50) and birds (45-49) most dominant noise source.
8	L7 - 52 Tongarra Road, Albion Park	28/06/2019	75	Most dominant noise source is traffic on Tongarra Road (55-84) only construction noise audible was reverse squawker (59-60)
9	L8 - 24 Terry Street, Albion Park	28/06/2019	68.7	Most dominant noise source - Traffic (Illawarra HWY/Terry St (56-84). No construction noise audible.
10	L9 - 42 Larkins Lane, Yallah	28/06/2019	53	Most dominant noise from traffic on the Princes HWY (50-60) 5T excavator with reversing beeper only construction activity audible. (48-54)
11	L10 - 4 Semillon Place, Mount Brown	28/06/2019	73.3	Most dominant noise source Traffic on Princes Highway (60-64) Birds (59-63) and garbage truck causing spike (65-91)

4. Air Monitoring Results

Table 3 Composite Monitoring results – June 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	-	-	No result - Bottle damaged
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	0.7	0.3	1.0

Table 4 Continuous Monitoring results – June 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