



Albion Park Rail Bypass

ENVIRONMENT PROTECTION LICENCE NO: 21139

POLLUTION MONITORING DATA

July 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 – July 2019

Date	Basin ID	pH	NTU	TSS	Oil and Grease
8/07/2019	SB25450W	8.1	10.35	16	No
8/07/2019	SB24650W	8.2	12.3	18	No
9/07/2019	SB23150W	7.8	23.2	25	No
9/07/2019	SB18520E	8.3	25	19	No
9/07/2019	SB24650W	8.0	19.9	29	No
9/07/2019	SB23200W	8.3	18.62	15	No
10/07/2019	SB23200W	8.2	14.84	8	No
10/07/2019	SB24650W	7.9	15.53	18	No
10/07/2019	SB16400W	8.2	8.35	23	No
10/07/2019	SB17100W	8.3	9.23	8	No
11/07/2019	SB23150W	8.1	17.1	19	No
11/07/2019	SB23850E	8	17.96	19	No
11/07/2019	SB18520E	8.3	23.6	18	No
12/07/2019	SB24100W	8.2	15.83	12	No
12/07/2019	SB22200W	8.2	10.89	9	No
17/07/2019	SB23200E	7.7	15.15	14	No
17/07/2019	SB18520E	8.0	9.47	6	No
22/07/2019	SB21800E	7.8	9.54	9	No
26/07/2019	SB23200E	7.3	11.1	9	No

3. Noise Monitoring Results

Table 2 Noise monitoring results – July 2019

EPA ID#	LOCATION DESCRIPTION	Date	L(A) _{eq(15min)}	Comments
2	L1 - 20 Westwood Drive, Blackbutt	29/07/2019	52	No construction audible. Main noise sources Traffic (49-60) and Birds (48-54)
3	L2 - 78 Jarrah Way, Albion Park Rail	30/07/2019	51	Construction audible (47-55) over traffic on East West link (48-53)
4	L3 - 17 Gumnut Street, Albion Park Rail	29/07/2019	51	Squawker (44-55) only construction noise audible at time of monitoring
5	L4 - 152 Croome Road, Albion Park	29/07/2019	72	Construction inaudible. Traffic from Croome Rd (50-84) causing most dominant noise source.
6	L5 - 59 Burdekin Drive, Albion Park	30/07/2019	56	Traffic on Burdekin Dr (48-80) most dominant noise source. Construction inaudible.
7	L6 - 25 Fraser Crescent, Albion Park	30/07/2019	57	Squawker (49-53) only construction noise audible
8	L7 - 52 Tongarra Road, Albion Park	23/07/2019	73	Traffic (Tongarra Rd) most dominant source of noise (62-80). 4 Trucks importing fill were recorded (73-85)
9	L8 - 24 Terry Street, Albion Park	23/07/2019	69	Most dominant noise source - Traffic (Illawarra HWY/Terry St (50-80). No construction noise audible.
10	L9 - 42 Larkins Lane, Yallah	29/07/2019	50	Birds (38-43) and Traffic on Princes HWY (38-39) most dominant noise sources. Squawker from construction vehicles (39-40) just audible over these noises.
11	L10 - 4 Semillon Place, Mount Brown	29/07/2019	59	Princes HWY (54-79) and birds (55-60) most dominant noise sources.

4. Air Monitoring Results

Table 3 Composite Monitoring results – July 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	0.7	0.1	0.8

Table 4 Continuous Monitoring results – July 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