



## **Albion Park Rail Bypass**

**ENVIRONMENT PROTECTION LICENCE NO: 21139**

**POLLUTION MONITORING DATA**

**September 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 – September 2019**

Date	Basin ID	pH	NTU	TSS	Oil and Grease
2/09/2019	SB23200W	7.21	9.31	8	No
2/09/2019	SB18520E	8.21	10.58	6	No
2/09/2019	SB16400W	8.24	10.52	6	No
2/09/2019	SB17100W	7.4	13.5	10	No
3/09/2019	SB21800E	8.11	7.31	10	No
19/09/2019	SB16400W	7.9	13.5	<5	No
20/09/2019	SB24650W	7.59	11.98	7	No
20/09/2019	SB17100W	8	5.58	<5	No
23/01/1900	SB24100W	8.3	18.52	9	No
23/09/2019	SB22700W	7.7	15.54	<5	No
23/09/2019	SB23150W	8	8.49	6	No
23/09/2019	SB17100W	7.5	18.52	37	No
23/09/2019	SB21500W	7.7	12.85	11	No
25/09/2019	SBAS4	8.2	15.73	19	No
25/09/2019	SB21800E	7.8	13.03	23	No
26/09/2019	SB17100W	8	13.63	37	No

### 3. Noise Monitoring Results

**Table 2 Noise monitoring results – September 2019**

EPA ID#	LOCATION	Date	L(A) <sub>eq(15min)</sub>	Comments
2	L1 - 20 Westwood Drive, Blackbutt	12/09/2019	57.1	Works inaudible at time of monitoring. Princes HWY traffic (56-59) Dogs barking (55-59) most dominant noise sources.
3	L2 - 78 Jarrah Way, Albion Park Rail	12/09/2019	57.3	Works inaudible at time of monitoring. Traffic (East West Link) most dominant noise source (57-61)
4	L3 - 17 Gumnut Street, Albion Park Rail	13/09/2019	56.6	Works inaudible at time of monitoring. Most dominant noise sources include, airplanes, traffic and birds.
5	L4 - 152 Croome Road, Albion Park	13/09/2019	69.6	Traffic on Croome RD (56-88) most dominant noise source. No construction noise audible.
6	L5 - 59 Burdekin Drive, Albion Park	24/09/2019	62.3	Traffic on Burdekin Dr (52-78) most dominant noise source. Construction noises audible: squawker (46-51).
7	L6 - 25 Fraser Crescent, Albion Park	24/09/2019	52.9	Traffic on Tongarra Rd (48-50) and birds (45-49) most dominant noise source. Construction noise audible: dozer (51 – 55) and squawker (49-51)
8	L7 - 52 Tongarra Road, Abion Park	24/09/2019	72.4	Most dominant noise source is traffic on Tongarra Road (56-84). Only construction noise audible was a vac truck (67-68) which was working directly across the road from the monitoring point.
9	L8 - 24 Terry Street, Albion Park	24/09/2019	72.4	Most dominant noise source - Traffic (Illawarra HWY/Terry St (56-82). Construction noise audible: dozer (51-54)
10	L9 - 42 Larkins Lane, Yallah	24/09/2019	54.3	No construction noise audible at time of monitoring. Most dominant noise from traffic on the Princes HWY (51-54)
11	L10 - 4 Semillon Place, Mount Brown	24/09/2019	54.6	Most dominant noise source Traffic on Princes Highway (58-63) Birds (50-64). Construction inaudible.

#### 4. Air Monitoring Results

**Table 3 Composite Monitoring results – September 2019**

<b>EPA ID#</b>	<b>Location</b>	<b>Ash Content g/m<sup>2</sup>.month</b>	<b>Combustible Matter g/m<sup>2</sup>.month</b>	<b>Total Insoluble Matter g/m<sup>2</sup>.month</b>
12	DMG 1 34 Princes Highway, Yallah	3.0	1.0	4.0
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	1.3	0.5	1.8

**Table 4 Continuous Monitoring results – September 2019**

<b>EPA ID#</b>	<b>Location</b>	<b>PM2.5</b>	<b>PM10</b>	<b>Total Suspended particles</b>
14	RT2 – 2 Stapleton St, Albion Park	Compliant	Compliant	Compliant
15	RT1 – Cnr Woollybutt Dr & East West Link, Albion Park Rail	Compliant	Compliant	Compliant