



## **Albion Park Rail Bypass**

**ENVIRONMENT PROTECTION LICENCE NO: 21139**

**POLLUTION MONITORING REPORT**

**March 2019**

## 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 – March 2019**

Date	Basin ID	pH	NTU	TSS	Oil and Grease
22/03/2019	SB24650W	7.4	44.2	38	No
26/03/2019	SB24100E	7.2	49.3	37	No
26/03/2019	SB16400W	7.4	8.6	12	No
26/03/2019	SB17600E	7.7	20	19	No
27/03/2019	SB25450W	6.6	4.4	10	No
28/03/2019	SB24650W	7.6	2.8	10	No
29/03/2019	SB21500W	6.6	2.6	7	No

## 3. Noise Monitoring Results

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

EPA ID#	LOCATION DESCRIPTION	Date	L(A) <sub>eq(15min)</sub>	Comments
2	L1 - 20 Westwood Drive, Blackbutt	27/03/2019	54.1	Construction inaudible over Princes HWY traffic (52-58)
3	L2 - 78 Jarrah Way, Albion Park Rail	27/03/2019	56.1	No construction noise audible at time of monitoring
4	L3 - 17 Gumnut Street, Albion Park Rail	27/03/2019	52.6	Most dominant noise: 15T Excavator audible at time of monitoring (50-66)
5	L4 - 152 Croome Road, Albion Park	27/03/2019	70.1	Construction inaudible. Traffic from Croome Rd (58-83) causing most dominant noise source.

6	L5 - 59 Burdekin Drive, Albion Park	27/03/2019	69.4	Construction not audible at time of monitoring
7	L6 - 25 Fraser Crescent, Albion Park	27/03/2019	47.2	No construction noise audible at time of monitoring.
8	L7 - 52 Tongarra Road, Albion Park	27/03/2019	73.1	Truck and dogs going in and out of gate 16 audible.
9	L8 - 24 Terry Street, Albion Park	27/03/2019	74.9	No construction audible. Main noise source was from traffic on Terry St.
10	L9 - 42 Larkins Lane, Yallah	27/03/2019	61	20T excavator audible (57-58)
11	L10 - 4 Semillon Place, Mount Brown	27/03/2019	60.3	No construction audible at time of monitoring

#### 4. Air Monitoring Results

**Table 3 Composite Monitoring results – March 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	5.7	0.3	6.0
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	2.5	0.7	3.2

**Table 4 Continuous Monitoring results – March 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