



## **Albion Park Rail Bypass**

**ENVIRONMENT PROTECTION LICENCE NO: 21139**

**POLLUTION MONITORING REPORT**

**May 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

No Sediment Basins were discharge during the reporting period.

## 3. Noise Monitoring Results

**Table 1 Noise monitoring results – May 2019**

EPA ID#	LOCATION DESCRIPTION	Date	L(A) <sub>eq(15min)</sub>	Comments
2	L1 - 20 Westwood Drive, Blackbutt	31/05/2019	58.0	Hammering at Cut 5 (55-57) Princes HWY traffic (50-59) Dogs barking (58-70) most dominant noise sources.
3	L2 - 78 Jarrah Way, Albion Park Rail	31/05/2019	49.9	Birds (43-53) and Traffic (43-45) most dominant noise sources.
4	L3 - 17 Gumnut Street, Albion Park Rail	31/05/2019	59.3	Watercart filling up with water (59-63) most dominant noise source.
5	L4 - 152 Croome Road, Albion Park	30/05/2019	66.1	Traffic (55 - 76) on Croome Rd most dominant noise source.
6	L5 - 59 Burdekin Drive, Albion Park	30/05/2019	59.3	Cars on Burdekin Dr (55-77) most dominant noise source.
7	L6 - 25 Fraser Crescent, Albion Park	31/05/2019	49.4	Birds (48-62) and Radio playing from house (51-53) most dominant noise sources.

8	L7 - 52 Tongarra Road, Abion Park	31/05/2019	75.2	Traffic (55-77) and non-project excavator (56-74) most dominant noise sources.
9	L8 - 24 Terry Street, Albion Park	31/05/2019	68.0	Traffic along Illawarra HWY/Terry St (63-79) most dominant noise source.
10	L9 - 42 Larkins Lane, Yallah	31/05/2019	59.7	Traffic - princes HWY (54-58) and Eco Dynamics Truck (55-57) most dominant noise sources.
11	L10 - 4 Semillon Place, Mount Brown	31/05/2019	67.0	No construction audible at time of monitoring. Most dominant noise source neighbours motorbike (66-80).

## 4. Air Monitoring Results

**Table 2 Composite Monitoring results – May 2019**

EPA ID#	Location	Ash Content g/m <sup>2</sup> .month	Combustible Matter g/m <sup>2</sup> .month	Total Insoluble Matter g/m <sup>2</sup> .month
12	DMG 1 34 Princes Highway, Yallah	1.0	0.2	1.2
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	0.5	0.4	0.9

**Table 3 Continuous Monitoring results – May 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