



## **Albion Park Rail Bypass**

**ENVIRONMENT PROTECTION LICENCE NO: 21139**

**POLLUTION MONITORING DATA**

**November 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 discharges off-site during the reporting period due to limited rainfall.

## 3. Noise Monitoring Results

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

EPA ID#	LOCATION	Date	L(A) <sub>eq</sub> (15min)	Comments
2	L1 - 20 Westwood Drive, Blackbutt	18/11/2019	52	HWY traffic (50-54) whipper snipper (55-58) and birds (48-53) no construction audible
3	L2 - 78 Jarrah Way, Albion Park Rail	18/11/2019	60	Hammering (50-52) only construction audible
4	L3 - 17 Gumnut Street, Albion Park Rail	20/11/2019	51	Unloading pipes with hiab (44-68) and truck (46-53) are the construction noises audible. Airplanes (50-54) are the other dominant noise source.
5	L4 - 152 Croome Road, Albion Park	18/11/2019	69	No construction audible at time of monitoring. Traffic on Croome Rd(52-83) and airplanes (49-54) most dominant noise sources
6	L5 - 59 Burdekin Drive, Albion Park	21/11/2019	59	Scrapers (48-56) and squawker (44-45) construction noises heard. Traffic (45-77) and birds (44-50) most dominant noise sources.
7	L6 - 25 Fraser Crescent, Albion Park	20/11/2019	53	Squawker (50-52) only construction noise heard whilst monitoring.

EPA ID#	LOCATION	Date	L(A) <sub>eq</sub> (15min)	Comments
8	L7 - 52 Tongarra Road, Albion Park	18/11/2019	73	No construction noise audible during noise monitoring. Traffic along Tongarra Rd (55-85) most dominant noise source.
9	L8 - 24 Terry Street, Albion Park	18/11/2019	69	5T excavator (52-54) only construction work audible. Traffic on the Illawarra Hwy most dominant source of noise.
10	L9 - 42 Larkins Lane, Yallah	28/11/2019	53	Hydromulcher audible (51-53) in cut 1, minor bridge works audible (51-52). Background noise (birds and passing vehicles) major noise source
11	L10 - 4 Semillon Place, Mount Brown	21/11/2019	57	No construction audible at time of monitoring.

#### 4. Air Monitoring Results

**Table 3 Composite Monitoring results – November 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	1.7	0.9	2.6
13	DMG Control Cnr Ash Ave and Tongarra Rd, Albion Park Rail	1.5	0.4	1.9

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

EPA ID#	Location	PM <sub>2.5</sub>	PM <sub>10</sub>	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