



Maxwell Infrastructure  
Environmental Monitoring Data  
May 2019

## 1 INTRODUCTION

Maxwell Infrastructure is owned by Malabar Coal. This report has been compiled to present environmental monitoring data for Maxwell Infrastructure Environment Protection Licence 1323. This report complies with Section 66(6) of the *Protection of the Environment Operations Act 1997*.

A summary of the Licence details is provided in Table 1.

**Table 1. A summary of licence and report details**

Environment Protection Licence Number	1323
Licensee Details	Malabar Coal (Drayton Management) Pty Limited PMB 9 Muswellbrook NSW 2333
Premises	Maxwell Infrastructure Thomas Mitchell Drive Muswellbrook NSW 2333
Link to the EPA Register	<a href="http://app.epa.nsw.gov.au/prpoeoapp/">http://app.epa.nsw.gov.au/prpoeoapp/</a>
Reporting Month	May 2019
Date of Publication	3 June 2019
Version	1
Correction Log	

## 2 MONITORING RESULTS

Air quality monitoring results are provided in **Table 2**.

Blast monitoring results are provided in **Table 3**.

Noise monitoring results are provided in **Table 4**.

Maps of monitoring locations are provided in **Appendix 1**.

**Table 2. Air quality monitoring results for May 2019**

EPA identification no.	Sampling point	Sampling period start date	Sampling period finished date	Date final report obtained	Unit of measure	Averaging period	Monitoring frequency	Minimum value	Mean value	Median value	Maximum value	Observations
8	ES-01	01/05/2019	31/05/2019	01/06/2019	micrograms per cubic metre	5 minutes	Continuous	0.00	17.24	9.78	568.56	
9	ES-02	01/05/2019	31/05/2019	01/06/2019	micrograms per cubic metre	5 minutes	Continuous	1.00	12.41	10.33	268.39	
10	ES-03	01/05/2019	31/05/2019	01/06/2019	micrograms per cubic metre	5 minutes	Continuous	0.00	164.27	83.00	6350.00	
11	ES-04	01/05/2019	31/05/2019	01/06/2019	micrograms per cubic metre	5 minutes	Continuous	0.00	16.24	14.96	98.11	

Due to a technical issue, ES-03 recorded erroneously high results from 1 May to 16 May 2019.

ES-03 recorded no results from 9:50 am on 16 May to 10:20 am on 17 May when the unit was removed for repairs.

**Table 3. Blast monitoring results for May 2019**

EPA identification no.	Sampling point	Time and Date of blast	Date final report obtained	Unit of measure	Averaging period	Measured value	100 percentile limit	95 percentile limit	Exceedance (yes/no)	Observations
5	Sharman	No blasting occurred during May 2019.								
6	De Boer									
7	Antiene									

**Table 4. Noise monitoring results for May 2019**

Sampling point	Period	Noise Limits LA eq (15 minute)						Noise Limits LA1 (1 minute)		Exceedance (yes/no)	Observations
		Day Criteria	Noise Level	Evening Criteria	Noise Level	Night Criteria	Noise Level	Night Criteria	Noise Level		
12											
13											
14											
16*											
17											
18											
19											
20											
21											
22											
23											
25*											
26											
27											
28											
29											
31											
32											
33											
34											
35*											

Noise monitoring not required to be undertaken during the month of May 2019.  
 Noise Monitoring is conducted every 6 months in March and September.

37	
42*	
61*	
69	
70	
71	
72*	
75*	
76*	
86	
All Other Privately-Owned Land	
<b>Additional Information</b>	
Date of Final Report	
Date Sampled	
Weather Conditions	
Notes	

# APPENDIX 1 – MAPS OF MONITORING LOCATIONS







