

# **DRAYTON MONITORING DATA**

To the 31<sup>st</sup> January 2018



# DRAYTON MONITORING REPORT JANUARY 2018

- Drayton Mine (Drayton) is part of Anglo American's business. This report has been compiled to present monthly environmental monitoring data for Drayton. Results are reported in accordance with reporting requirements for Environment Protection Licence (EPL) 1323 held by the licensee Anglo Coal (Drayton Management) Pty Limited. This report complies with Section 66(6) of the *Protection of the Environment Operations Act 1997*.

# COMPLAINTS SUMMARY

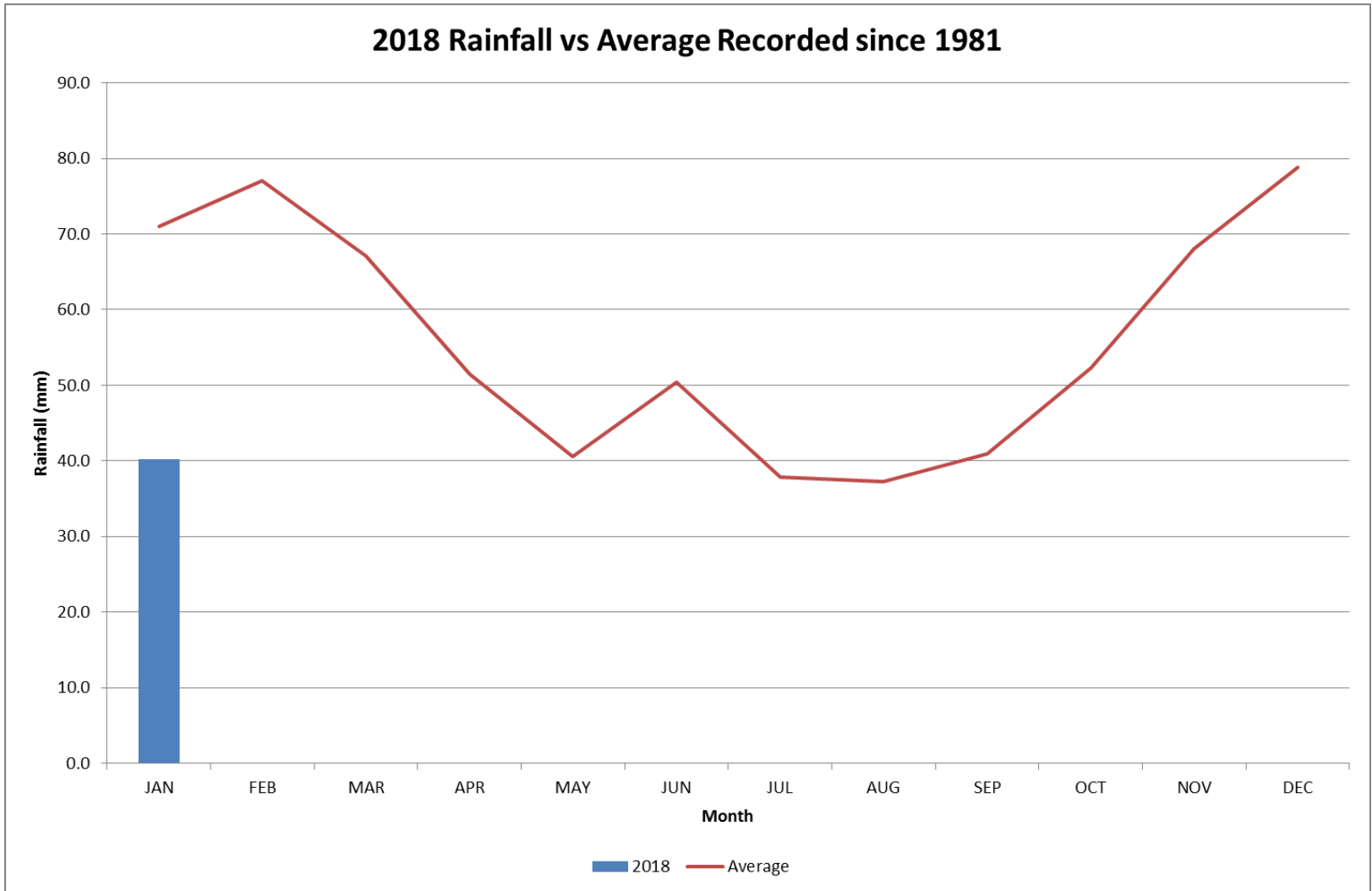
January 2018

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No complaints were received during January 2018.

Licensee: Anglo Coal (Drayton Management) Pty Limited  
EPL 1323  
Date Published: 15/02/2018

# RAINFALL



# AIR QUALITY MONITORING POINT 1 (EPL 1323)

## Particulates – Deposited Matter (Antiene)

Period	Sample	Insoluble Solids	Annual Mean	Annual Mean Limit	Unit		
Jan-18	2197	2.2	2.2	4	g/m2/month		
Jan-18	2230	3.4	2.1	4	g/m2/month		
Jan-18	2157	4.4	2.0	4	g/m2/month		
Jan-18	2208	3.0	1.7	4	g/m2/month		
Jan-18	2247	3.5	2.0	4	g/m2/month		
Jan-18	2235	3.6	2.1	4	g/m2/month	<b>Number of samples</b>	<b>8</b>
Jan-18	2175	2.9	1.9	4	g/m2/month	<b>Minimum</b>	<b>2.2</b>
Jan-18	2130	3.5	1.9	4	g/m2/month	<b>Mean</b>	<b>3.3</b>
						<b>Maximum</b>	<b>4.4</b>

Depositional Dust: Particulates – Deposited Matter

Limit not stated on the EPL

Date Sampled: 31/01/2018  
 Date Obtained: 7/02/2018  
 Date Published: 15/02/2018

Licensee: Anglo Coal (Drayton Management) Pty Limited  
 EPL 1323  
 Monitoring Frequency: Monthly

# AIR QUALITY MONITORING POINT 2 (EPL 1323)

## Total Suspended Particulates (Lot 22 Antiene) – High Volume Air Sampler (HVAS)

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Date	Sample	TSP	Annual Mean	Annual Mean Limit	Unit		
01-Jan-18	Lot 22	78	52.2	90	µg/m3		
07-Jan-18	Lot 22	134	52.5	90	µg/m3		
13-Jan-18	Lot 22	130	53.3	90	µg/m3		
19-Jan-18	Lot 22	131	54.0	90	µg/m3	Number of samples	6
25-Jan-18	Lot 22	132	54.8	90	µg/m3	Minimum	78
31-Jan-18	Lot 22	97	54.8	90	µg/m3	Mean	117
						Maximum	134

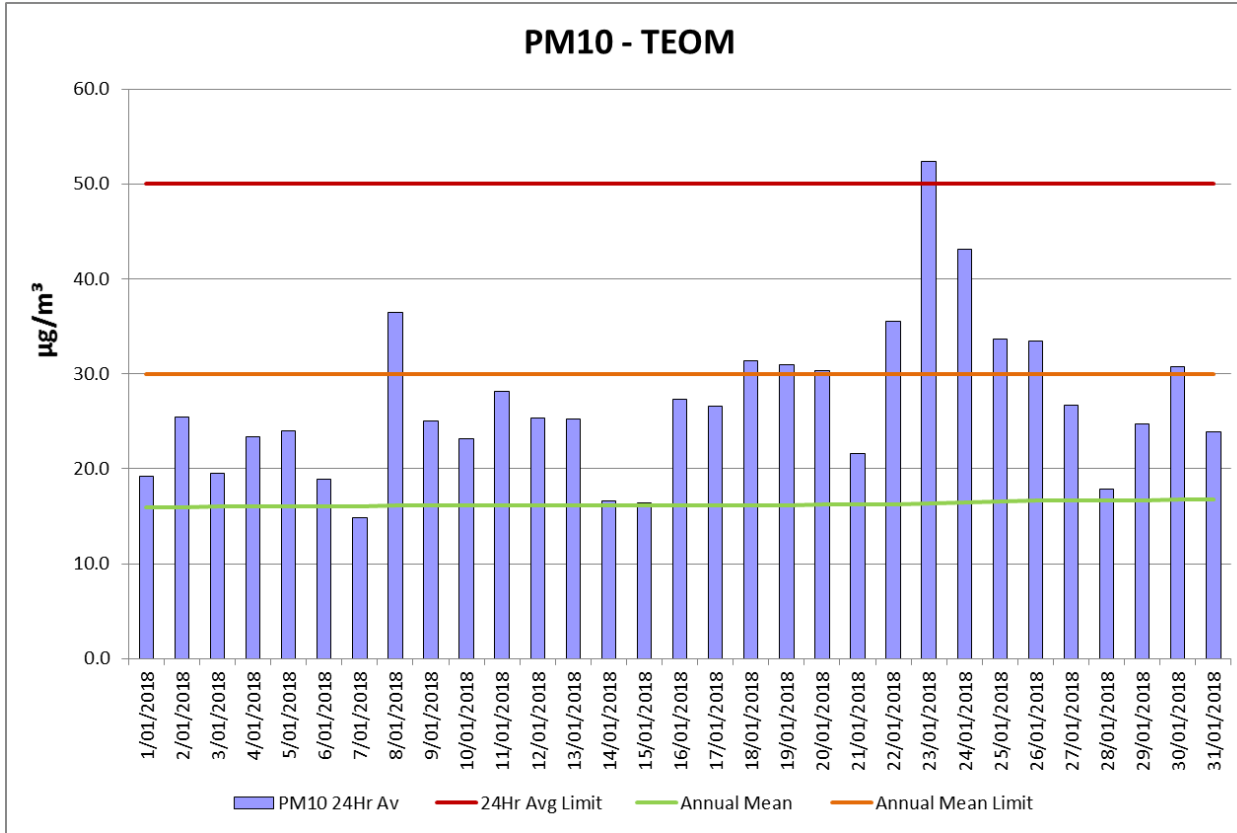
TSP: Total Suspended Particulates

Date Sampled: As listed above  
Date Obtained: 8/02/2018  
Date Published: 15/02/2018

Licensee: Anglo Coal (Drayton Management) Pty Limited  
EPL 1323  
Monitoring Frequency: Every 6 days

# AIR QUALITY MONITORING POINT 4 (EPL 1323)

PM10 (Lot 9 ANTIENE) – Tapered Element Oscillating Microbalance (TEOM)



<b>Number of samples</b>	<b>31</b>
<b>Minimum</b>	<b>14.8</b>
<b>Mean</b>	<b>26.8</b>
<b>Maximum</b>	<b>52.4</b>

Date Sampled: Daily average  
Date Published: 15/02/2018

Licensee: Anglo Coal (Drayton Management) Pty Limited  
EPL 1323  
Monitoring Frequency: Continuous

PM10: Particulate matter less than 10 microns diameter

PM10 result exceeded 24 hour average limit of 50µg/m³ on 23<sup>rd</sup> January 2018. Upper Hunter Air Quality Monitoring Network Muswellbrook monitor also exceeded 50µg/m³ on 23<sup>rd</sup> January 2018. On the day, no earth moving equipment was operating at Drayton.

# BLASTING SUMMARY

## Blast overpressure (noise) and vibration

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No blasts were conducted during January 2018

Date Sampled: As listed above  
Date Obtained: Monthly summary  
Date Published: 15/02/2018

Licensee: Anglo Coal (Drayton Management) Pty Limited  
EPL 1323  
Monitoring Frequency: Event



**THANK YOU**