

# **DRAYTON MONITORING DATA**

**To the 28<sup>th</sup> February 2017**



# DRAYTON MONITORING REPORT FEBRUARY 2017

- 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

February 2017

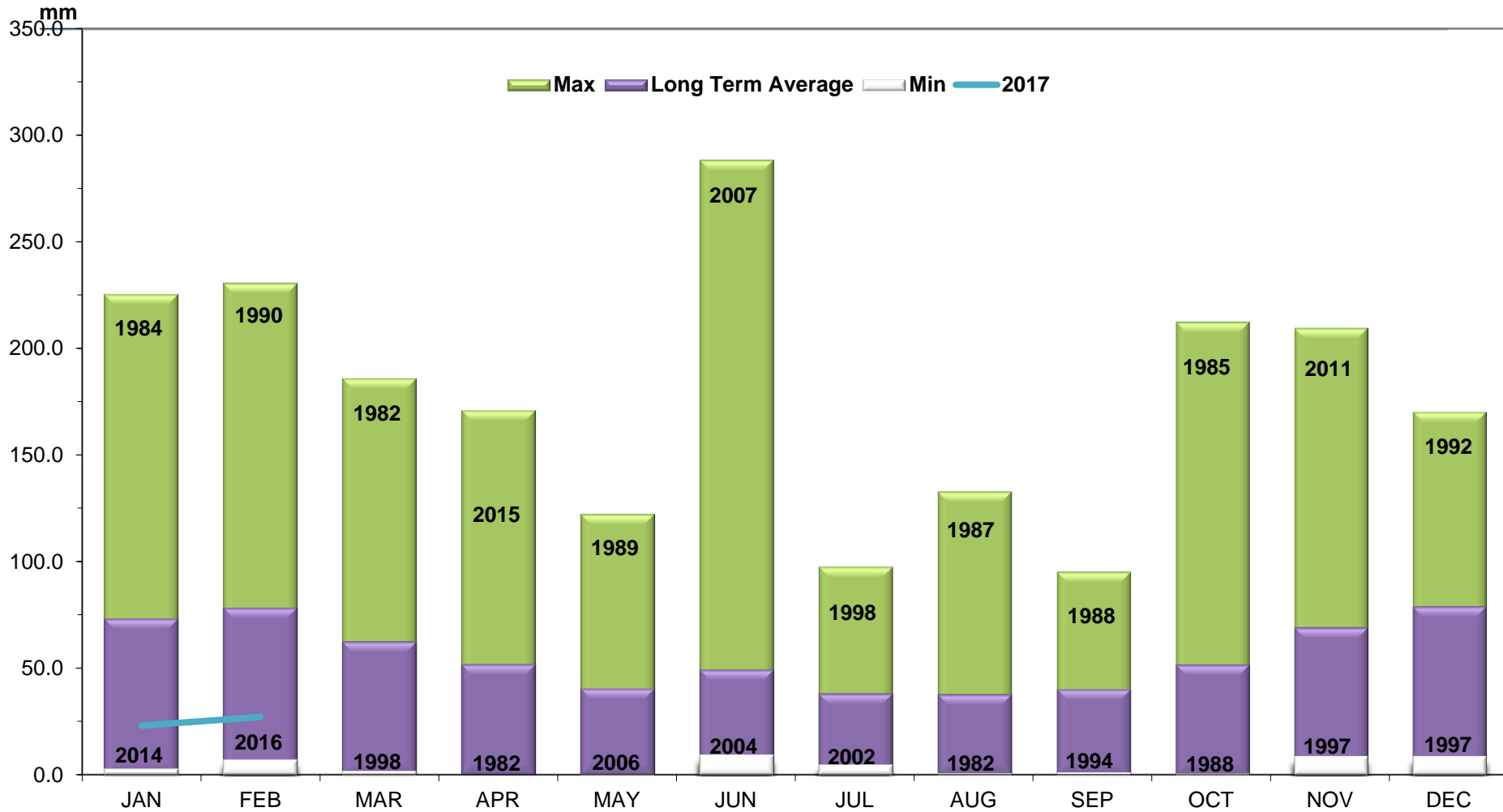
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No complaints were received during February 2017

Licensee: Anglo Coal (Drayton Management) Pty Limited  
EPL 1323  
Date Published: 10/04/2017

# RAINFALL

## Rainfall Pattern and History (1981 - 2017)



# AIR QUALITY MONITORING POINT 1 (EPL 1323)

## Particulates – Deposited Matter (Antiene)

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Period	Sample	Insoluble Solids	Annual Mean	Annual Mean Limit	Unit
Feb-17	2197	2.8	2.9	4	g/m2/month
Feb-17	2230	5.6	2.4	4	g/m2/month
Feb-17	2157	2.8	2.2	4	g/m2/month
Feb-17	2208	3.3	1.8	4	g/m2/month
Feb-17	2247	2.7	2.0	4	g/m2/month
Feb-17	2235	3.4	2.6	4	g/m2/month
Feb-17	2175	3.2	2.2	4	g/m2/month
Feb-17	2130	3.6	2.4	4	g/m2/month

<b>Number of samples</b>	<b>8</b>
<b>Minimum</b>	<b>2.7</b>
<b>Mean</b>	<b>3.4</b>
<b>Maximum</b>	<b>5.6</b>

Depositional Dust: Particulates – Deposited Matter

Limit not stated on the EPL

Date Sampled: 28/02/2017  
Date Obtained: 11/03/2017  
Date Published: 10/04/2017

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
05-Feb-17	Lot 22	96	53.1	90	µg/m3
11-Feb-17	Lot 22	102	53.7	90	µg/m3
17-Feb-17	Lot 22	97	53.9	90	µg/m3
23-Feb-17	Lot 22	90	54.1	90	µg/m3

<b>Number of samples</b>	<b>4</b>
<b>Minimum</b>	<b>90</b>
<b>Mean</b>	<b>96</b>
<b>Maximum</b>	<b>102</b>

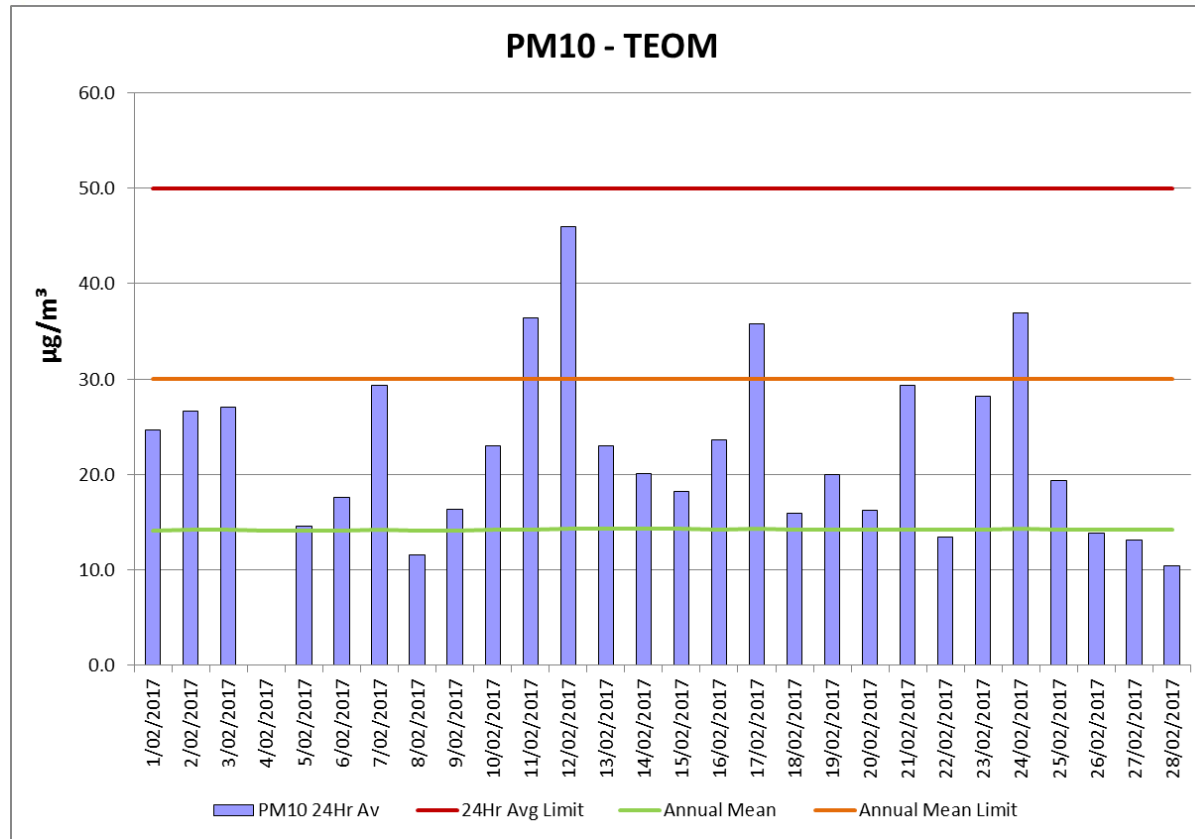
TSP: Total Suspended Particulates

Date Sampled: As listed above  
Date Obtained: 11/03/2016  
Date Published: 10/04/2017

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>28</b>
<b>Minimum</b>	<b>0.0</b>
<b>Mean</b>	<b>21.8</b>
<b>Maximum</b>	<b>46.0</b>

Date Sampled: Daily average  
Date Published: 10/04/2017

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

PM10: Particulate matter less than 10 microns diameter

Note: On the 4<sup>th</sup> February 2017 the TEOM air conditioning unit was undergoing maintenance and no result is available.

# BLASTING SUMMARY

## Blast overpressure (noise) and vibration

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No blasts were conducted during February 2017

Date Sampled: As listed above  
Date Obtained: Monthly summary  
Date Published: 10/04/2017

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



**THANK YOU**