

# **DRAYTON MONITORING DATA**

**To the 31<sup>st</sup> December 2016**



# DRAYTON MONITORING REPORT DECEMBER 2016

- 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

December 2016

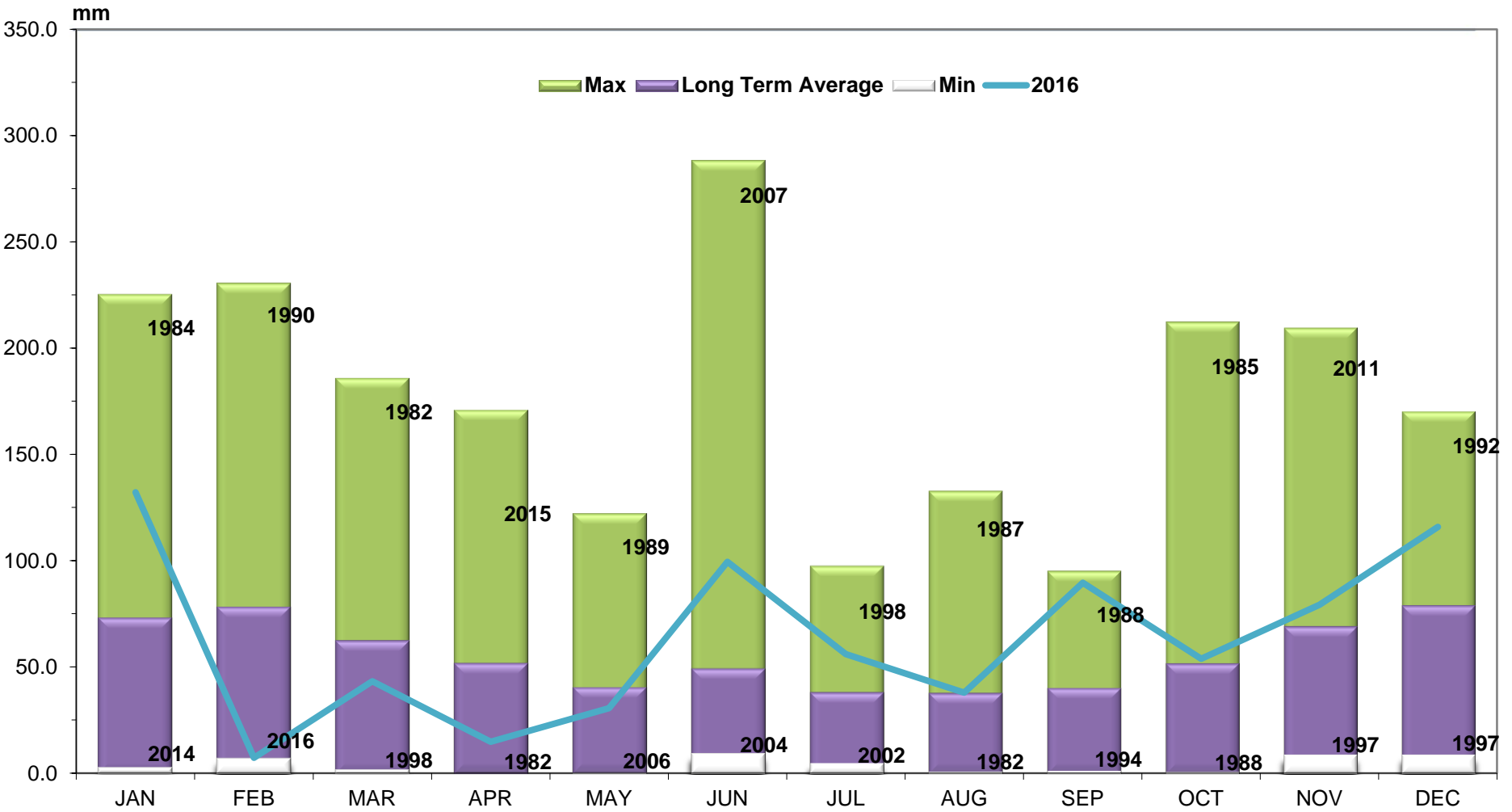
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No complaints were received during December 2016

Licensee: Anglo Coal (Drayton Management) Pty Limited  
EPL 1323  
Date Published: 16/01/2017

# RAINFALL

## Rainfall Pattern and History (1981 - 2016)



# 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
Dec-16	2197	3.1	2.9	4	g/m2/month
Dec-16	2230	3.3	2.0	4	g/m2/month
Dec-16	2157	3.1	2.1	4	g/m2/month
Dec-16	2208	2.2	1.5	4	g/m2/month
Dec-16	2247	2.2	1.8	4	g/m2/month
Dec-16	2235	2.8	2.0	4	g/m2/month
Dec-16	2175	2.8	2.0	4	g/m2/month
Dec-16	2130	2.9	2.2	4	g/m2/month

<b>Number of samples</b>	<b>8</b>
<b>Minimum</b>	<b>2.2</b>
<b>Mean</b>	<b>2.8</b>
<b>Maximum</b>	<b>3.3</b>

Depositional Dust: Particulates – Deposited Matter

Limit not stated on the EPL

Date Sampled: 29/12/2016  
Date Obtained: 11/01/2017  
Date Published: 16/01/2017

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
01-Dec-16	Lot 22	60	49.4	90	µg/m3
07-Dec-16	Lot 22	31	48.5	90	µg/m3
13-Dec-16	Lot 22	124	49.0	90	µg/m3
19-Dec-16	Lot 22	48	48.6	90	µg/m3
25-Dec-16	Lot 22	30	48.7	90	µg/m3
31-Dec-16	Lot 22	72	49	90	µg/m3

<b>Number of samples</b>	<b>6</b>
<b>Minimum</b>	<b>30</b>
<b>Mean</b>	<b>61</b>
<b>Maximum</b>	<b>124</b>

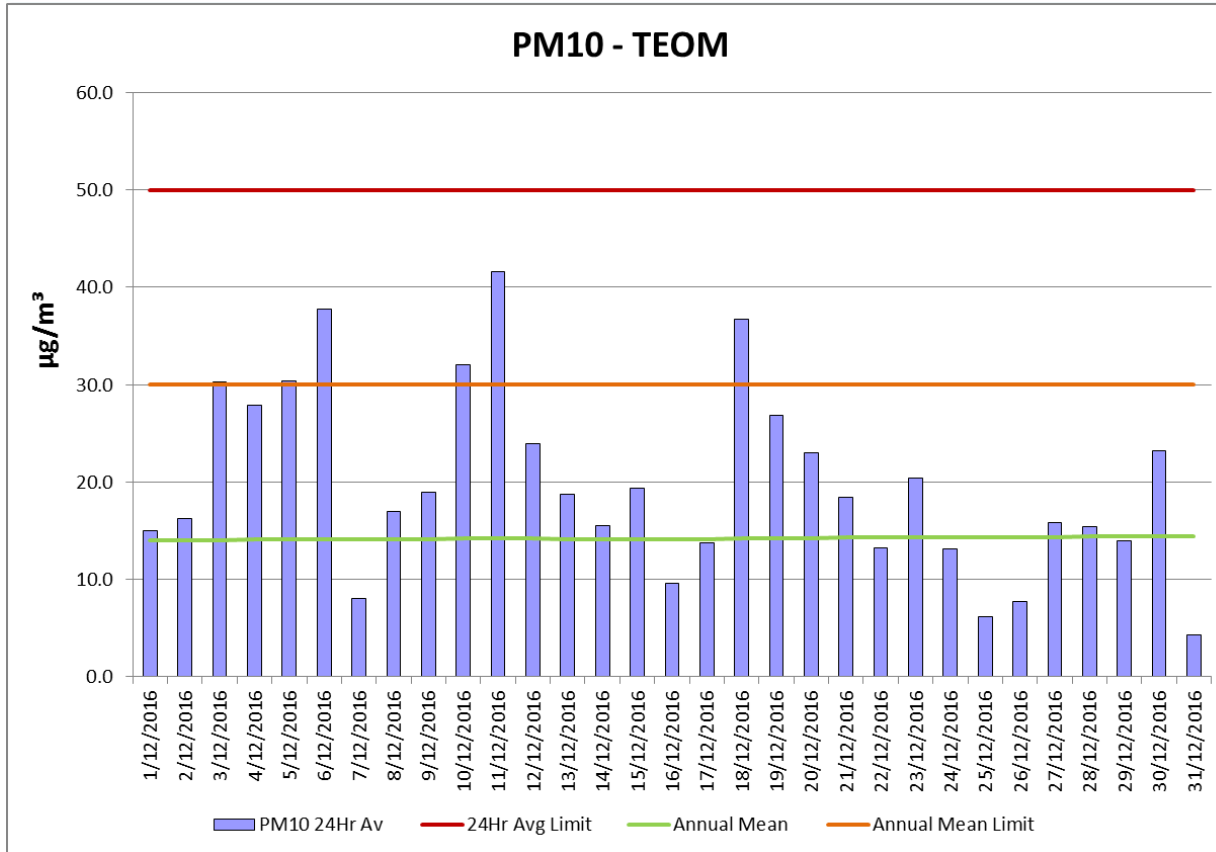
TSP: Total Suspended Particulates

Date Sampled: As listed above  
Date Obtained: 11/01/2016  
Date Published: 16/01/2017

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)



Number of samples	31
Minimum	4.3
Mean	19.8
Maximum	41.6

Date Sampled: Daily average  
Date Published: 16/01/2017

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

PM10: Particulate matter less than 10 microns diameter

# BLASTING SUMMARY

## Blast overpressure (noise) and vibration

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No blasts were conducted during December 2016

Date Sampled: As listed above  
Date Obtained: Monthly summary  
Date Published: 16/01/2017

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



**THANK YOU**