

# DRAYTON MONITORING DATA

To the 30<sup>th</sup> September 2017



# DRAYTON MONITORING REPORT SEPTEMBER 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

September 2017

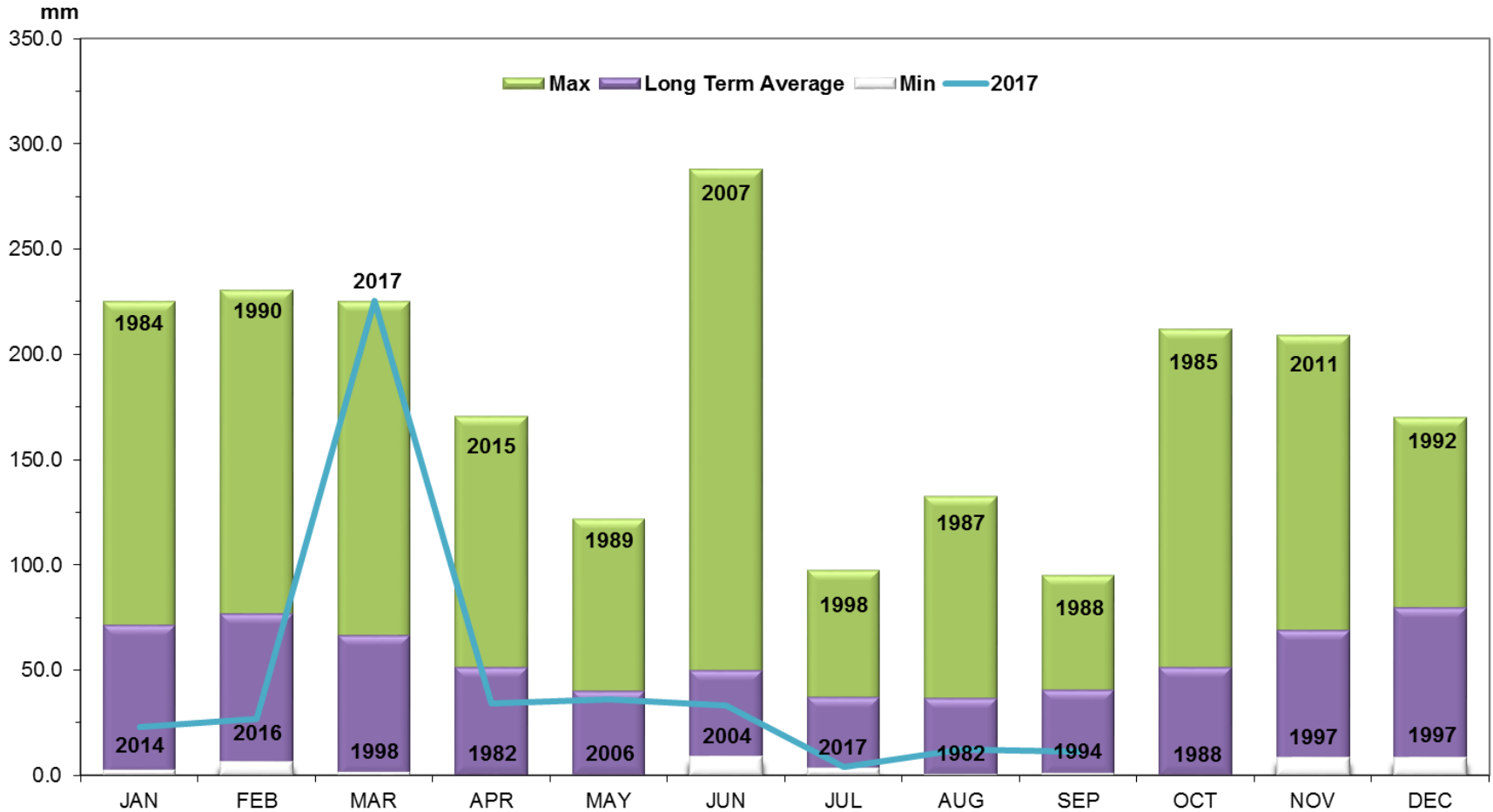
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An anonymous complaint was received via the EPA during September 2017. The complaint, received on 19<sup>th</sup> September 2017, was in regard to spontaneous combustion.

Licensee: Anglo Coal (Drayton Management) Pty Limited  
EPL 1323  
Date Published: 18/10/2017

# RAINFALL

**Rainfall Pattern and History (1981 - 2017)**



# AIR QUALITY MONITORING POINT 1 (EPL 1323)

## Particulates – Deposited Matter (Antiene)

Period	Sample	Insoluble Solids	Annual Mean	Annual Mean Limit	Unit		
Sep-17	2197	2.2	2.1	4	g/m2/month		
Sep-17	2230	2.7	2.3	4	g/m2/month		
Sep-17	2157	2.3	1.9	4	g/m2/month		
Sep-17	2208	1.5	1.6	4	g/m2/month		
Sep-17	2247	2.3	1.9	4	g/m2/month		
Sep-17	2235	2.7	2.4	4	g/m2/month	<b>Number of samples</b>	<b>8</b>
Sep-17	2175	2.1	1.9	4	g/m2/month	<b>Minimum</b>	<b>1.5</b>
Sep-17	2130	2.1	2.1	4	g/m2/month	<b>Mean</b>	<b>2.2</b>
						<b>Maximum</b>	<b>2.7</b>

Depositional Dust: Particulates – Deposited Matter

Limit not stated on the EPL

Date Sampled: 29/09/2017  
 Date Obtained: 11/10/2017  
 Date Published: 18/10/2017

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		
03-Sep-17	Lot 22	69	52.5	90	µg/m3		
09-Sep-17	Lot 22	79	52.9	90	µg/m3	<b>Number of samples</b>	<b>5</b>
15-Sep-17	Lot 22	38	53.4	90	µg/m3	<b>Minimum</b>	<b>38</b>
21-Sep-17	Lot 22	61	54.0	90	µg/m3	<b>Mean</b>	<b>65</b>
27-Sep-17	Lot 22	76	54.7	90	µg/m3	<b>Maximum</b>	<b>79</b>

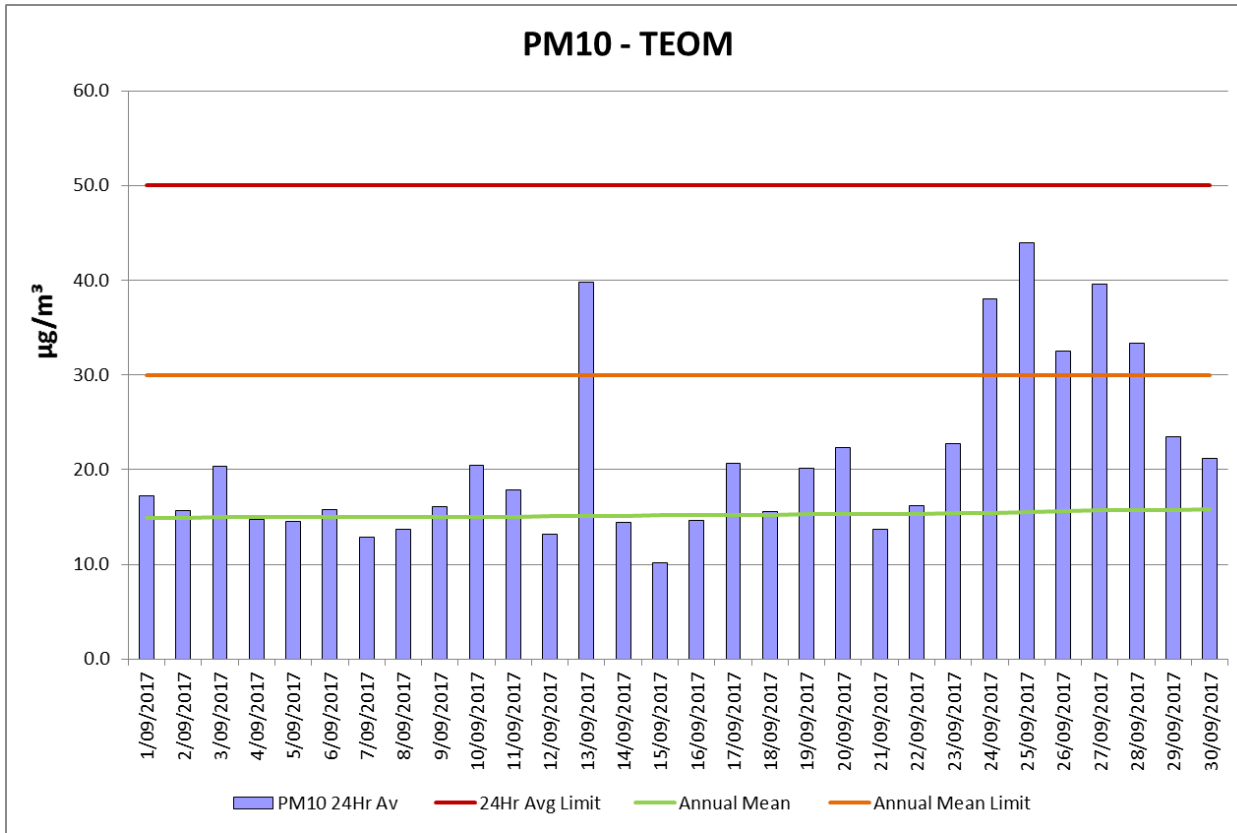
TSP: Total Suspended Particulates

Date Sampled: As listed above  
Date Obtained: 16/10/2017  
Date Published: 18/10/2017

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>30</b>
<b>Minimum</b>	<b>10.2</b>
<b>Mean</b>	<b>21.2</b>
<b>Maximum</b>	<b>44.0</b>

Date Sampled: Daily average  
Date Published: 18/10/2017

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 September 2017

Date Sampled: As listed above  
Date Obtained: Monthly summary  
Date Published: 18/10/2017

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



**THANK YOU**