

DRAYTON MONITORING DATA

To the 31st December 2017



DRAYTON MONITORING REPORT DECEMBER 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

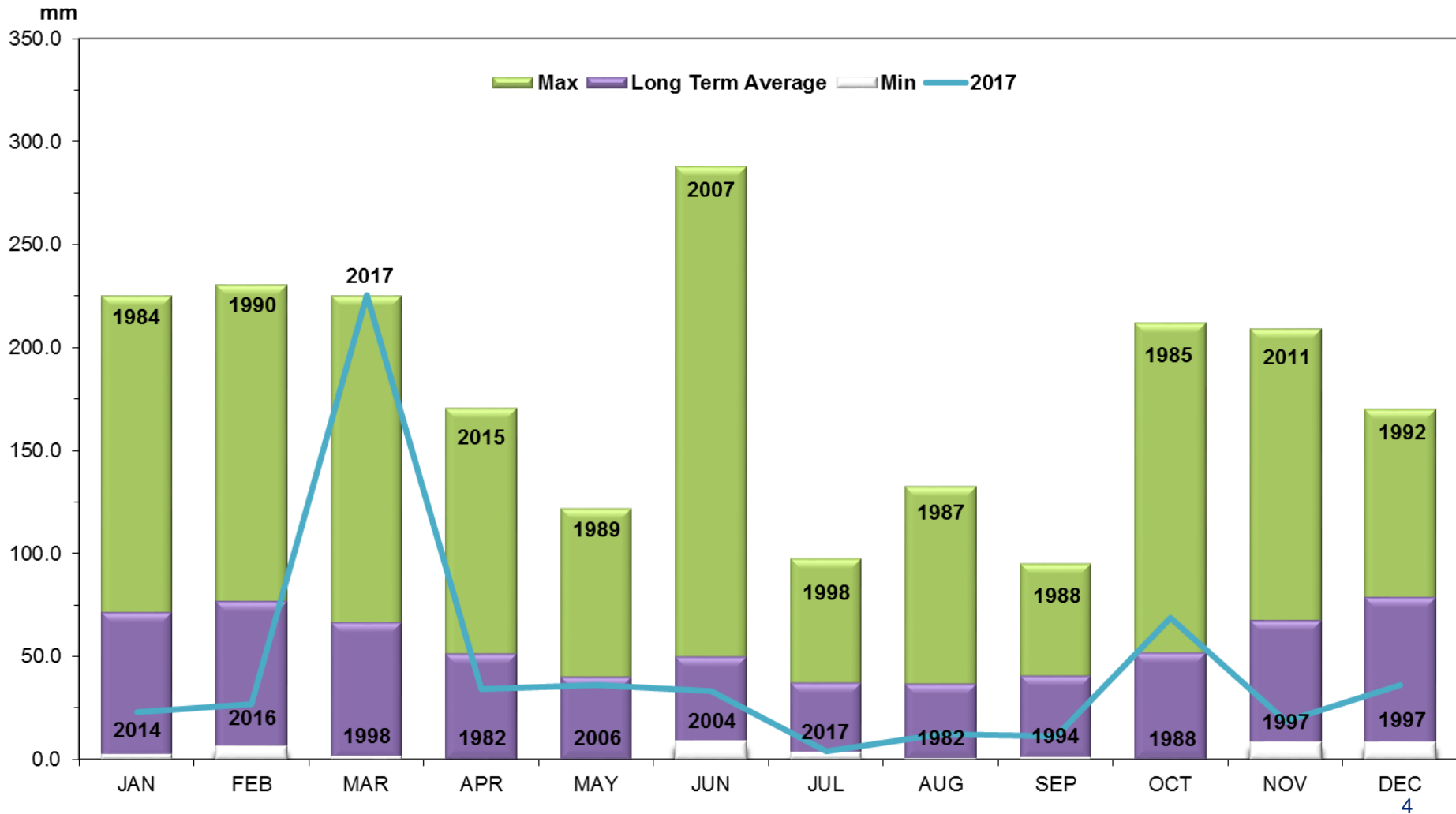
December 2017

No complaints were received during December 2017.

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 18/01/2018

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
Dec-17	2197	2.8	2.3	4	g/m2/month
Dec-17	2230	2.2	2.2	4	g/m2/month
Dec-17	2157	1.7	1.8	4	g/m2/month
Dec-17	2208	1.9	1.6	4	g/m2/month
Dec-17	2247	2.5	1.9	4	g/m2/month
Dec-17	2235	2.4	2.4	4	g/m2/month
Dec-17	2175	2.2	1.8	4	g/m2/month
Dec-17	2130	2.4	1.8	4	g/m2/month

Number of samples	8
Minimum	1.7
Mean	2.3
Maximum	2.8

Depositional Dust: Particulates – Deposited Matter

Limit not stated on the EPL

Date Sampled: 2/01/2017
Date Obtained: 11/01/2018
Date Published: 18/01/2018

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)

Date	Sample	TSP	Annual Mean	Annual Mean Limit	Unit
02-Dec-17	Lot 22	49	52.0	90	µg/m ³
08-Dec-17	Lot 22	69	52.6	90	µg/m ³
14-Dec-17	Lot 22	69	51.7	90	µg/m ³
20-Dec-17	Lot 22	84	52.3	90	µg/m ³
26-Dec-17	Lot 22	27	52.2	90	µg/m ³

Number of samples	5
Minimum	27
Mean	60
Maximum	84

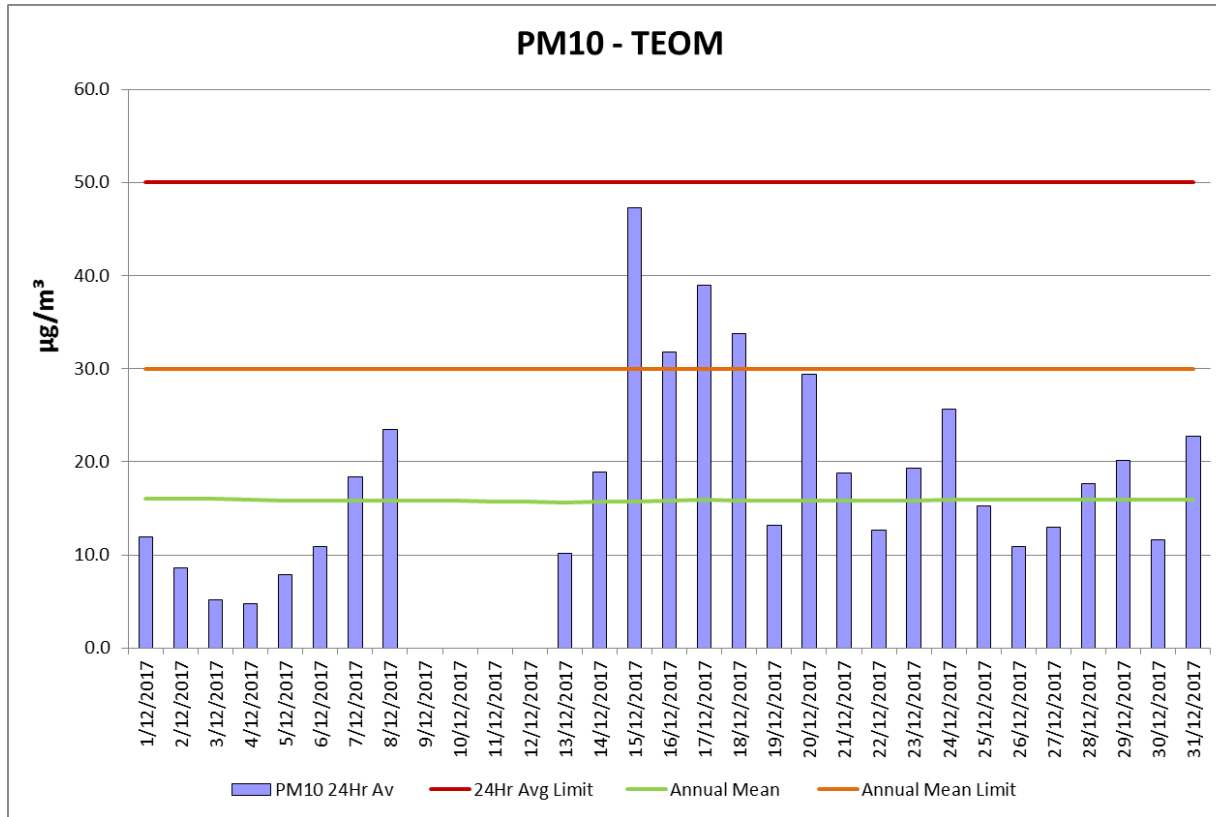
TSP: Total Suspended Particulates

Date Sampled: As listed above
Date Obtained: 2/01/2018
Date Published: 18/01/2018

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)



Number of samples	27
Minimum	4.8
Mean	18.6
Maximum	47.3

Date Sampled: Daily average
Date Published: 18/01/2018

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

PM10: Particulate matter less than 10 microns diameter

Samples were missed due to equipment failure caused by electrical failures between 9/12 and 12/12.

BLASTING SUMMARY

Blast overpressure (noise) and vibration

No blasts were conducted during December 2017

Date Sampled: As listed above
Date Obtained: Monthly summary
Date Published: 18/01/2018

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

THANK YOU