

DRAYTON MONITORING DATA

To the 31th July 2016



DRAYTON MONITORING REPORT JULY 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

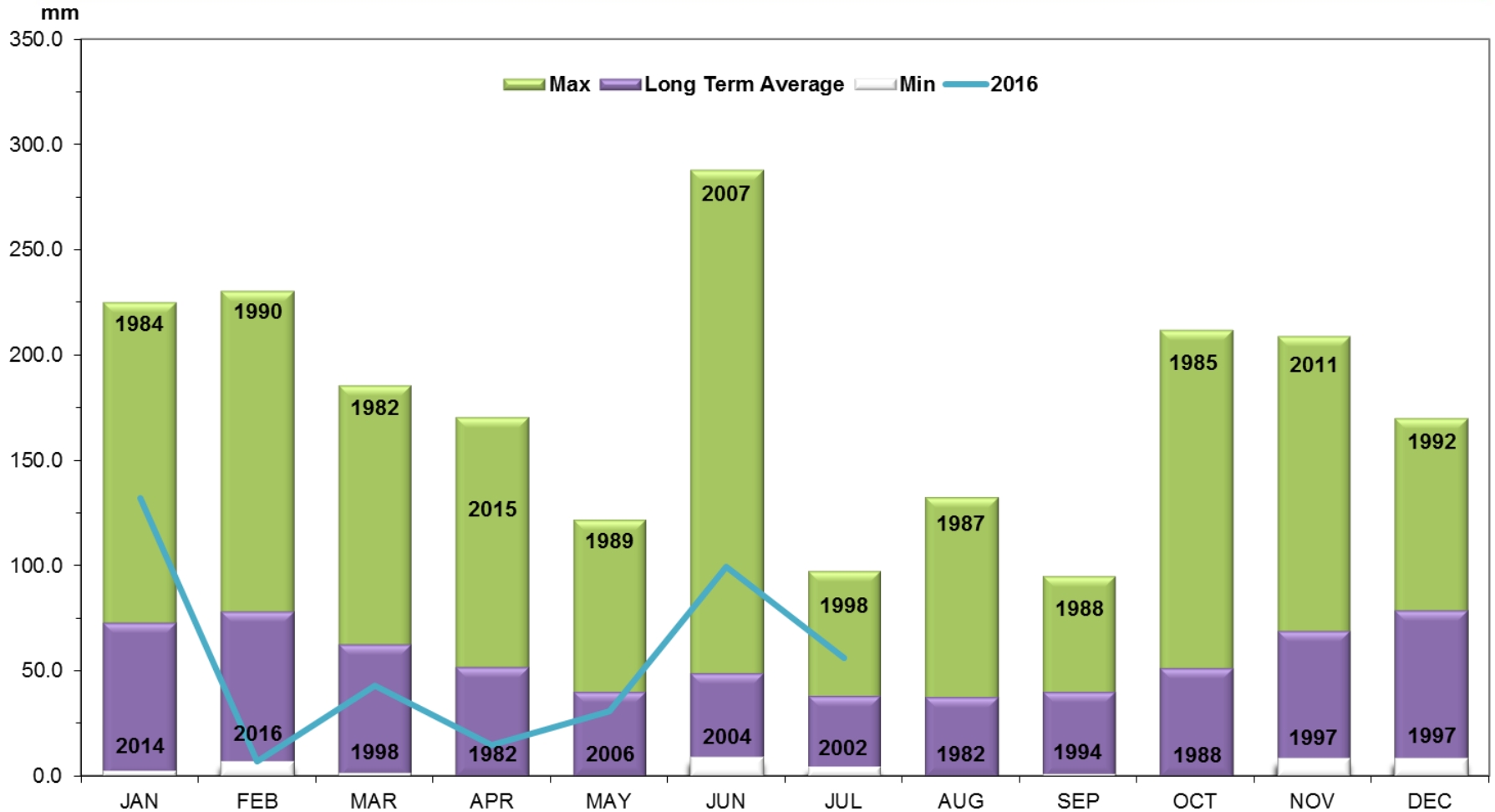
July 2016

No complaints were received during July 2016

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 20/07/2016

RAINFALL

Rainfall Pattern and History (1981 - 2016)



AIR QUALITY MONITORING POINT 1 (EPL 1323)

Particulates – Deposited Matter (Antiene)

Period	Sample	Insoluble Solids	Annual Mean	Annual Mean Limit	Unit
Jul-16	2197	1.7	3.4	4	g/m2/month
Jul-16	2230	1.5	2.0	4	g/m2/month
Jul-16	2157	0.8	2.1	4	g/m2/month
Jul-16	2208	0.8	1.4	4	g/m2/month
Jul-16	2247	1.1	1.7	4	g/m2/month
Jul-16	2235	1.0	1.8	4	g/m2/month
Jul-16	2175	1.1	1.9	4	g/m2/month
Jul-16	2130	0.6	2.0	4	g/m2/month

Number of samples	8
Minimum	0.6
Mean	1.1
Maximum	1.7

Depositional Dust: Particulates – Deposited Matter

Limit not stated on EPL

Date Sampled: 29/07/2016
Date Obtained: 8/08/2016
Date Published: 20/07/2016

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
04-Jul-16	Lot 22	69	50	90	µg/m3
10-Jul-16	Lot 22	28	49	90	µg/m3
16-Jul-16	Lot 22	34	49	90	µg/m3
22-Jul-16	Lot 22	14	49	90	µg/m3
28-Jul-16	Lot 22	22	49	90	µg/m3

Number of samples	5
Minimum	14
Mean	33
Maximum	69

TSP: Total Suspended Particulates

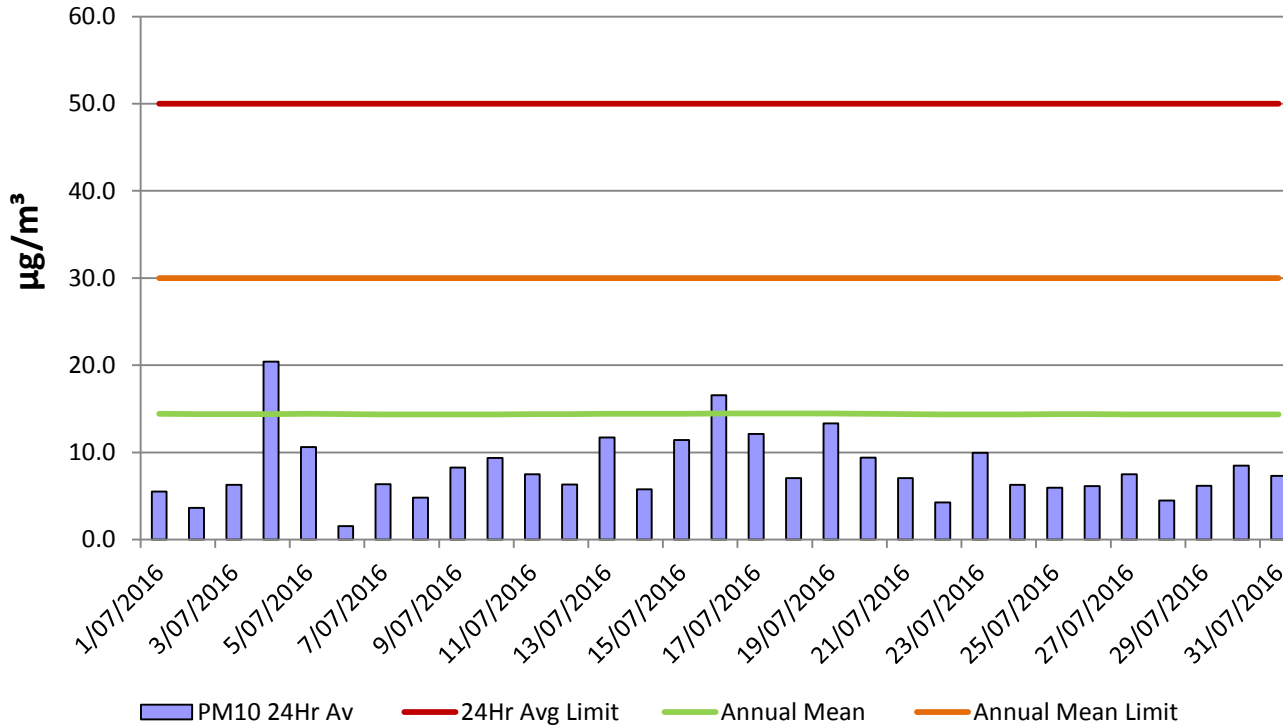
Date Sampled: As listed above
Date Obtained: 8/08/2016
Date Published: 20/07/2016

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)

PM10 - TEOM



Number of samples	31
Minimum	1.6
Mean	8.1
Maximum	20.4

Date Sampled: Daily average	Licensee: Anglo Coal (Drayton Management) Pty Limited
Date Published: 20/07/2016	EPL 1323
	Monitoring Frequency: Continuous

PM10: Particulate matter less than 10 microns diameter

BLASTING SUMMARY

Blast overpressure (noise) and vibration

		SHARMAN		ANTIENE		DE BOER	
		Overpressure	Vibration	Overpressure	Vibration	Overpressure	Vibration
Date	Time	dB(L)	mm/sec	dB(L)	mm/sec	dB(L)	mm/sec
6/07/2016	12:04 PM	99.5	0.22	98.1	0.17	90.1	0.30
14/07/2016	1:58 PM	99.9	0.19	100.7	0.13	99.2	0.25
22/07/2016	12:10 PM	92.8	0.23	96.4	0.12	99.7	0.28
29/07/2016	2:07 PM	94.0	0.39	95.1	2.87	94.0	1.13

Maximum	99.9	0.39	100.7	2.87	99.7	1.13
Minimum	92.8	0.19	95.1	0.12	90.1	0.25
Limit 95%	115	5	115	5	115	5
Limit 100%	120	10	120	10	120	10
Exceedance	0	0	0	0	0	0

Date Sampled: As listed above
 Date Obtained: Monthly summary
 Date Published: 20/07/2016

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

THANK YOU