

DRAYTON MONITORING DATA

To the 31th August 2016



DRAYTON MONITORING REPORT AUGUST 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

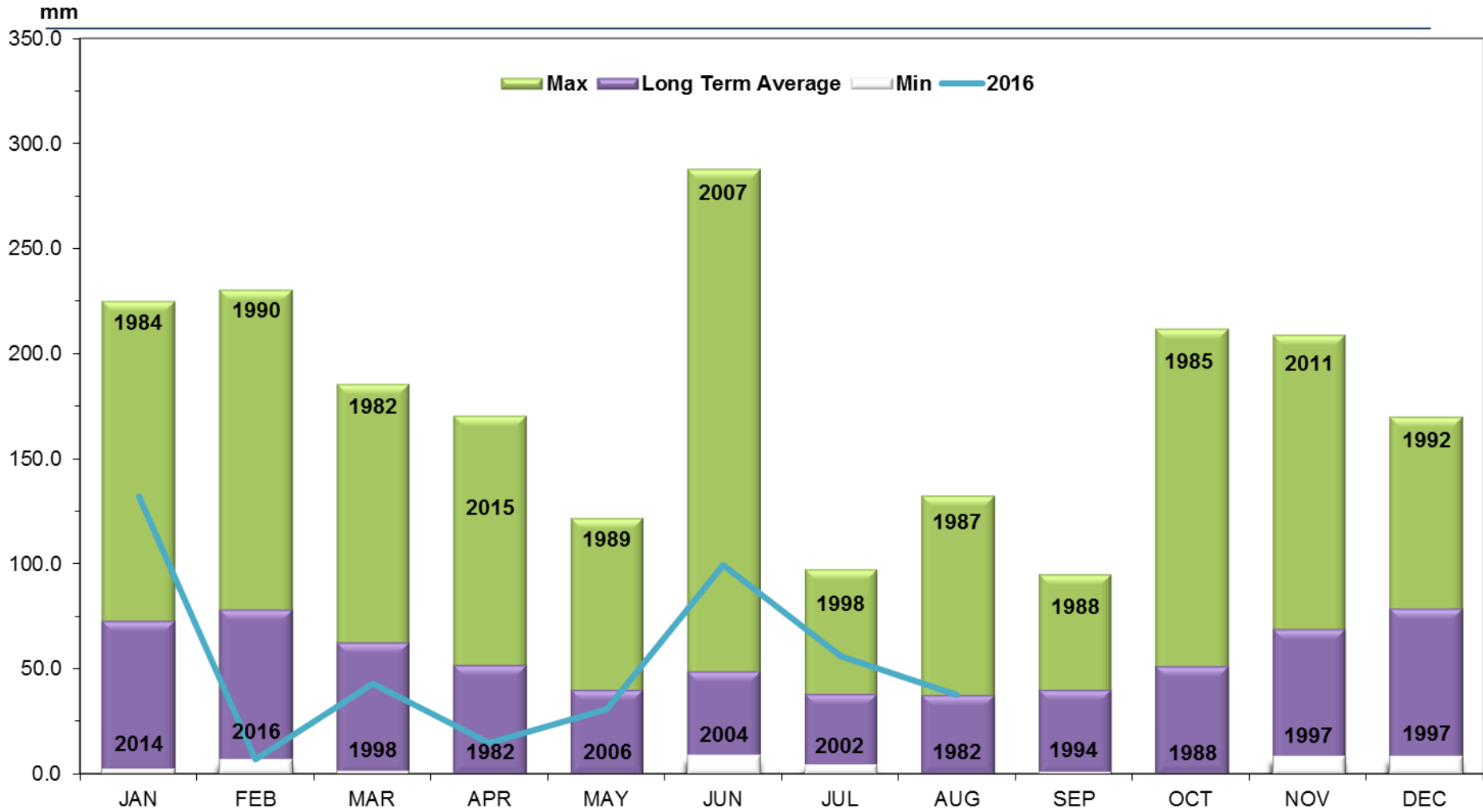
August 2016

No complaints were received during August 2016

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 20/09/2016

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
Aug-16	2197	1.8	3.3	4	g/m2/month
Aug-16	2230	1.1	2.0	4	g/m2/month
Aug-16	2157	1.0	2.1	4	g/m2/month
Aug-16	2208	1.2	1.4	4	g/m2/month
Aug-16	2247	1.5	1.7	4	g/m2/month
Aug-16	2235	1.3	1.8	4	g/m2/month
Aug-16	2175	1.2	1.8	4	g/m2/month
Aug-16	2130	N/A	2.0	4	g/m2/month

Number of samples	7
Minimum	1.0
Mean	1.3
Maximum	1.8

Depositional Dust: Particulates – Deposited Matter

Limit not stated on EPL

Date Sampled: 29/08/2016
Date Obtained: 12/09/2016
Date Published: 20/09/2016

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

Note: Depositional dust bottle 2130 was broken during August, no result available

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
03-Aug-16	Lot 22	28	50	90	µg/m3
09-Aug-16	Lot 22	31	49	90	µg/m3
15-Aug-16	Lot 22	78	49	90	µg/m3
21-Aug-16	Lot 22	31	49	90	µg/m3
27-Aug-16	Lot 22	42	49	90	µg/m3

Number of samples	5
Minimum	28
Mean	42
Maximum	78

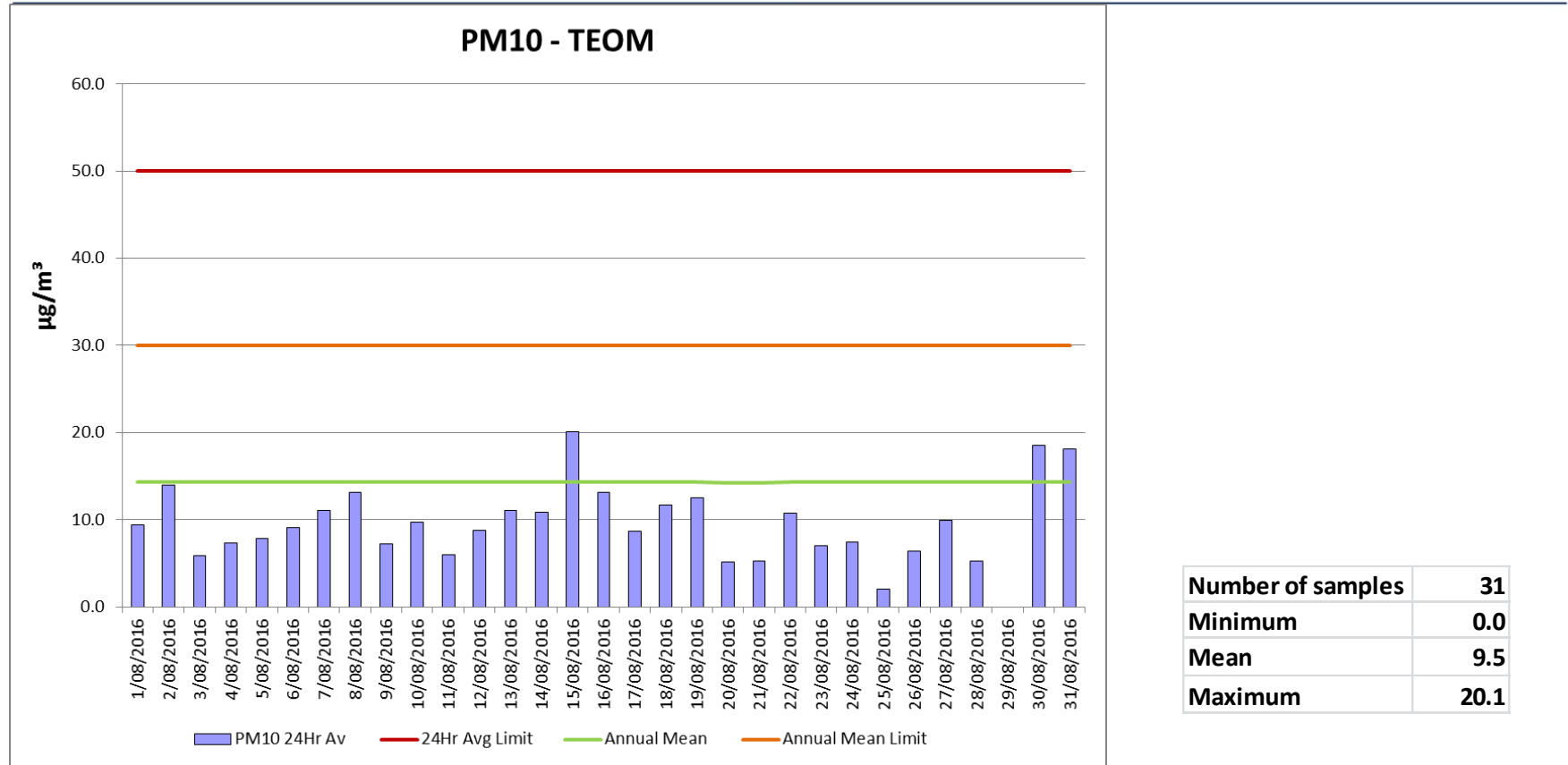
TSP: Total Suspended Particulates

Date Sampled: As listed above
Date Obtained: 8/09/2016
Date Published: 20/09/2016

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)



Date Sampled: Daily average
Date Published: 20/09/2016

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

PM10: Particulate matter less than 10 microns diameter

Note: Nil result on the 29 September due to replacement of the TEOM filter

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
16/08/2016	2:23 PM	105.6	0.24	105.7	1.81	100.9	0.52
23/08/2016	2:06 PM	93.0	0.07	94.8	0.30	93.0	0.15
29/08/2016	12:08 PM	87.1	0.21	91.9	2.50	88.4	0.57
31/08/2016	2:01 PM	101.2	0.04	97.6	0.19	96.8	0.10

Maximum	105.6	0.24	105.7	2.50	100.9	0.57
Minimum	87.1	0.04	91.9	0.19	88.4	0.10
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: 20/09/2016

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

THANK YOU