

DRAYTON MONITORING DATA

To the 31st August 2015



DRAYTON MONITORING REPORT AUGUST 2015

- Drayton Mine (Drayton) is part of Anglo American's Metallurgical Coal 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 2015

Two complaints were received during August 2015.

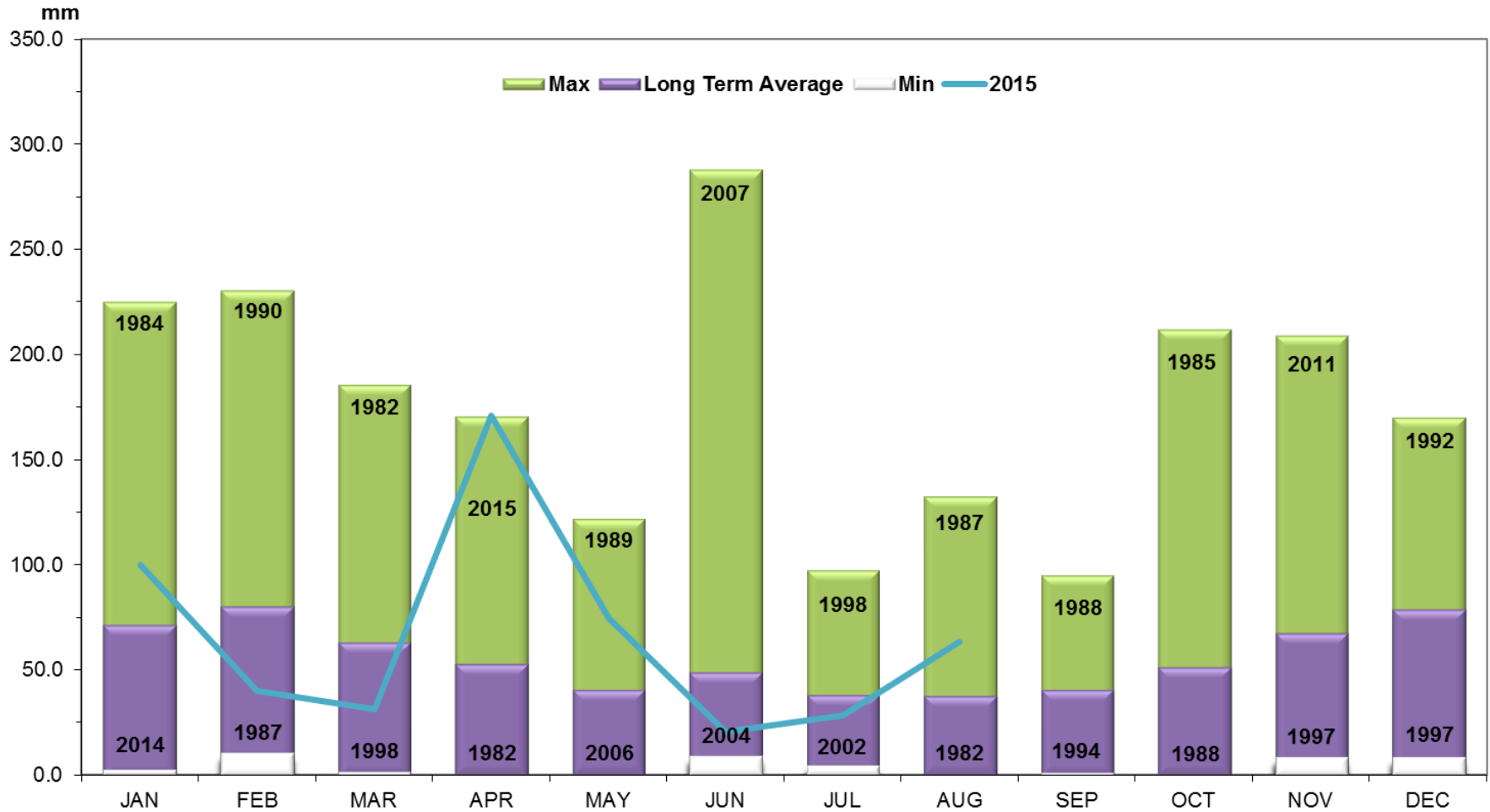
A complaint was received on 18/8/15 in relation to blast vibration. Drayton had a blast at the time and this was within compliance limits. Overblast at the nearest monitor was 101.4 dbL (limit 120 dbL) and vibration 0.44 mm/s (limit 10 mm/s).

An enquiry was received in relation to a blast on 6/8/15. Drayton did not blast at the time mentioned.

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 23/09/2015

RAINFALL

Rainfall Pattern and History (1981 - 2015)



AIR QUALITY MONITORING POINT 1 (EPL 1323)

Particulates – Deposited Matter (Antiene)

Period	Sample	Insoluble Solids	Annual Mean	Annual Mean Limit	Unit			
Aug-15	2197	1.6	3.9	4	g/m2/month			
Aug-15	2230	1.5	2.4	4	g/m2/month			
Aug-15	2157	1.4	1.8	4	g/m2/month			
Aug-15	2208	0.9	1.8	4	g/m2/month			
Aug-15	2247	1.4	2.0	4	g/m2/month		Number of samples	8
Aug-15	2235	1.0	1.9	4	g/m2/month		Minimum	0.8
Aug-15	2175	0.8	2.0	4	g/m2/month		Mean	1.2
Aug-15	2130	1.0	2.0	4	g/m2/month		Maximum	1.6

Depositional Dust: Particulates – Deposited Matter

Limit not stated on EPL

Date Sampled: 31/08/2015
 Date Obtained: 18/09/2015
 Date Published: 23/09/2015

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			
03-Aug-15	Lot 22	26	54	90	µg/m3			
09-Aug-15	Lot 22	22	54	90	µg/m3		Number of samples	5
15-Aug-15	Lot 22	35	53	90	µg/m3		Minimum	7
21-Aug-15	Lot 22	7	53	90	µg/m3		Mean	23
27-Aug-15	Lot 22	27	52	90	µg/m3		Maximum	35

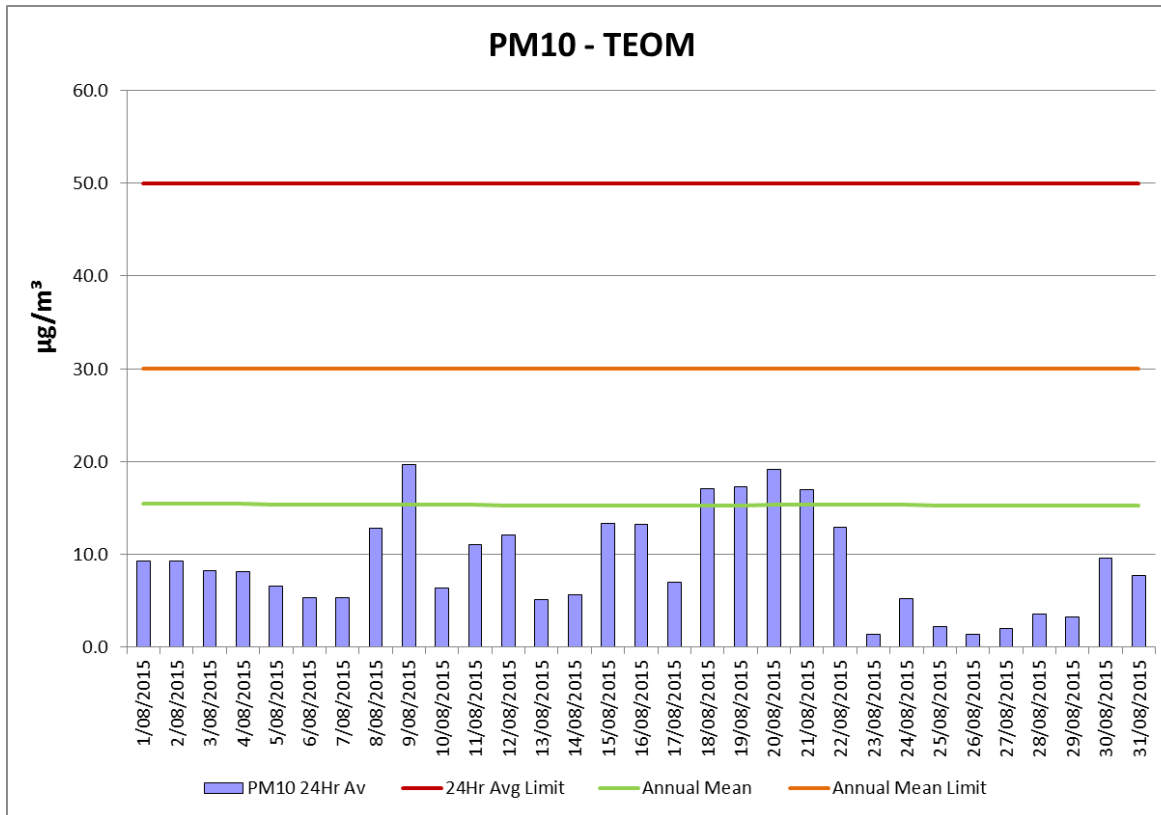
TSP: Total Suspended Particulates

Date Sampled: As listed above
Date Obtained: 18/09/2015
Date Published: 23/09/2015

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	1.4
Mean	9.0
Maximum	19.7

Date Sampled: Daily average
Date Published: 23/09/2015

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

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
3/08/2015	2:06 PM	95.3	0.20	97.9	0.91	90.1	0.27
4/08/2015	2:10 PM	94.0	0.15	89.3	0.13	89.3	0.19
6/08/2015	12:00 PM	88.8	0.04	88.0	0.03	90.3	0.08
10/08/2015	2:07 PM	108.8	0.38	97.7	1.52	103.5	0.43
18/08/2015	2:11 PM	101.4	0.44	109.3	1.76	103.2	0.77
20/08/2015	2:01 PM	92.6	0.04	92.3	0.05	95.8	0.08
21/08/2015	2:02 PM	87.1	0.10	89.6	0.11	89.3	0.11
27/08/2015	2:09 PM	86.9	0.04	81.2	0.65	82.5	0.10
28/08/2015	11:59 AM	92.3	0.02	82.1	0.02	94.6	0.03
28/08/2015	1:53 PM	96.0	0.03	85.2	0.04	94.0	0.07

Maximum	108.8	0.44	109.3	1.76	103.5	0.77
Minimum	86.9	0.02	81.2	0.02	82.5	0.03
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: 23/09/2015

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

THANK YOU