

DRAYTON MONITORING DATA

To the 31st December 2015



DRAYTON MONITORING REPORT DECEMBER 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

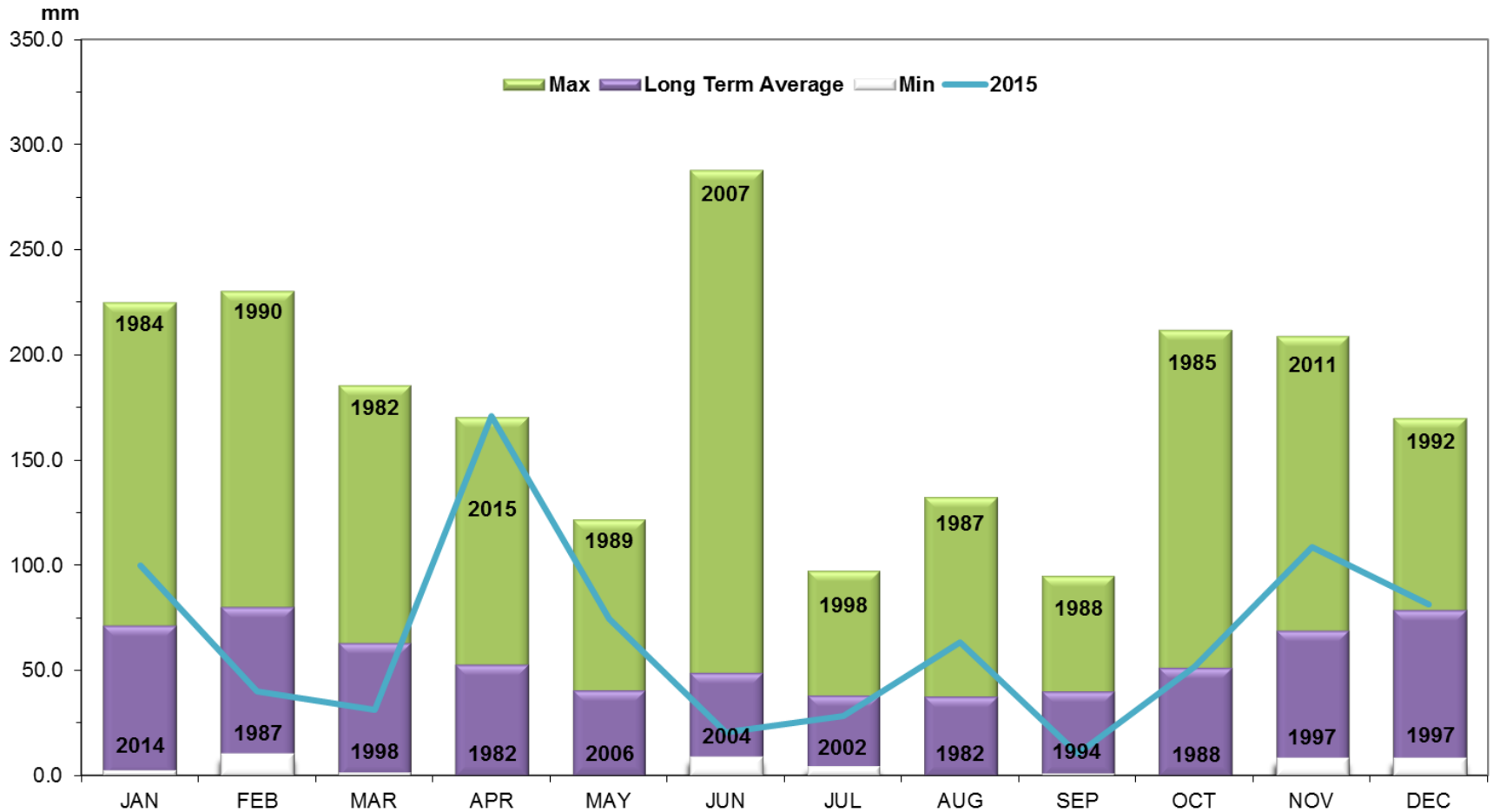
December 2015

No complaints were received during December 2015.

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 22/01/2016

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
Dec-15	2197	4.2	3.9	4	g/m2/month
Dec-15	2230	3.0	2.2	4	g/m2/month
Dec-15	2157	3.0	1.7	4	g/m2/month
Dec-15	2208	2.0	1.5	4	g/m2/month
Dec-15	2247	2.7	1.8	4	g/m2/month
Dec-15	2235	2.7	1.6	4	g/m2/month
Dec-15	2175	2.6	1.6	4	g/m2/month
Dec-15	2130	3.5	1.9	4	g/m2/month

Number of samples	8
Minimum	2.0
Mean	3.0
Maximum	4.2

Depositional Dust: Particulates – Deposited Matter

Limit not stated on EPL

Date Sampled: 31/12/2015
Date Obtained: 13/01/2016
Date Published: 22/01/2016

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			
01-Dec-15	Lot 22	110	47	90	µg/m3			
07-Dec-15	Lot 22	81	47	90	µg/m3		Number of samples	6
13-Dec-15	Lot 22	95	48	90	µg/m3		Minimum	25
19-Dec-15	Lot 22	71	48	90	µg/m3		Mean	70
25-Dec-15	Lot 22	25	47	90	µg/m3		Maximum	110
31-Dec-15	Lot 22	37	48	90	µg/m3			

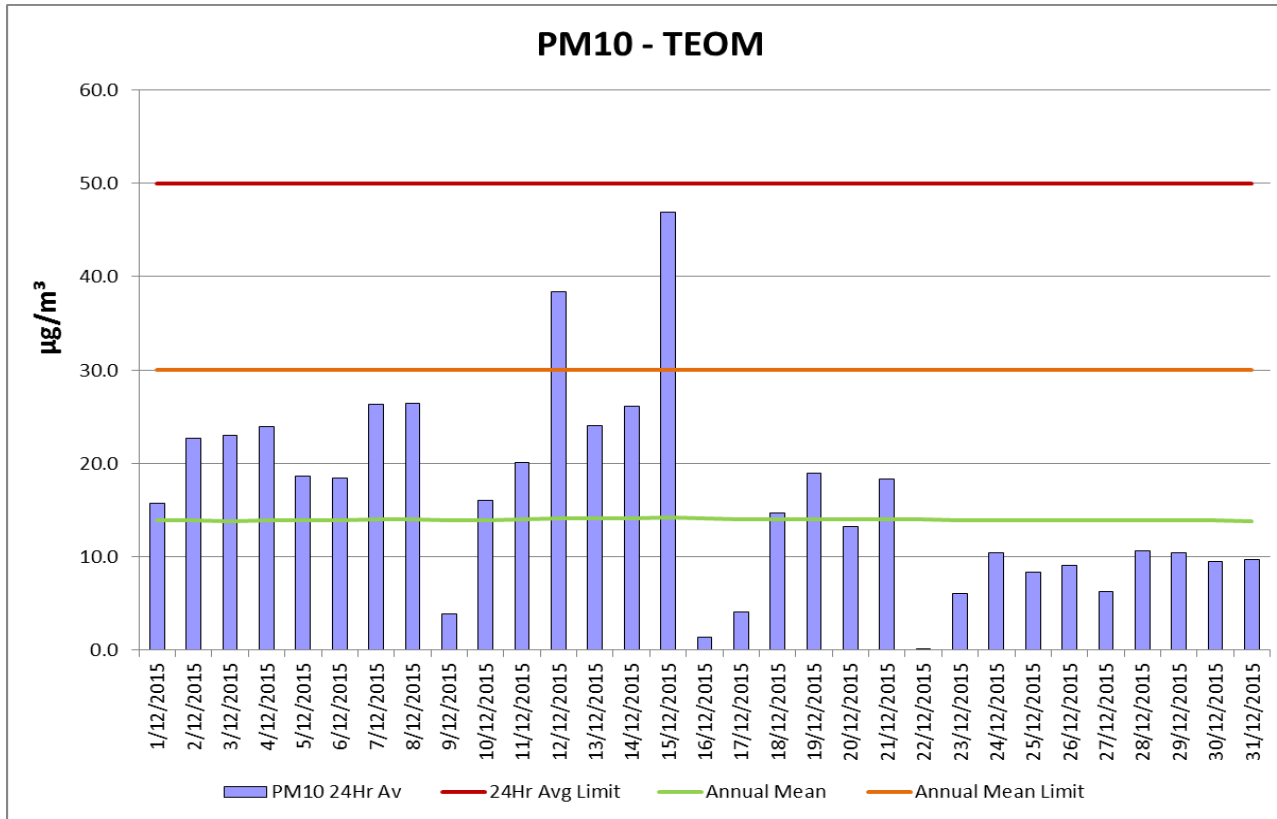
TSP: Total Suspended Particulates

Date Sampled: As listed above
Date Obtained: 13/01/2016
Date Published: 22/01/2016

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)



Number of samples	31
Minimum	0.1
Mean	16.2
Maximum	46.9

Date Sampled: Daily average
Date Published: 22/01/2016

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
3/12/2015	3:20 PM	94.6	0.12	94.2	0.09	105.7	0.18
7/12/2015	3:21 PM	92.9	0.10	92.3	0.11	93.1	0.28
8/12/2015	3:14 PM	86.9	0.02	84.8	0.02	86.8	0.08
14/12/2015	3:37 PM	100.4	0.69	100.3	0.69	102.7	1.00
17/12/2015	12:12 PM	96.0	0.33	94.7	0.19	95.4	0.31
18/12/2015	12:32 PM	86.1	0.02	86.1	0.01	88.7	0.04
24/12/2015	12:08 PM	96.3	0.02	80.4	0.02	95.6	0.05
30/12/2015	3:00 PM	97.0	0.05	101.1	0.04	100.6	0.12

Maximum	100.4	0.69	101.1	0.69	105.7	1.00
Minimum	86.1	0.02	80.4	0.01	86.8	0.04
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: 22/01/2016

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

THANK YOU