

DRAYTON MONITORING DATA

To the 31st December 2014



DRAYTON MONITORING REPORT DECEMBER 2014

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

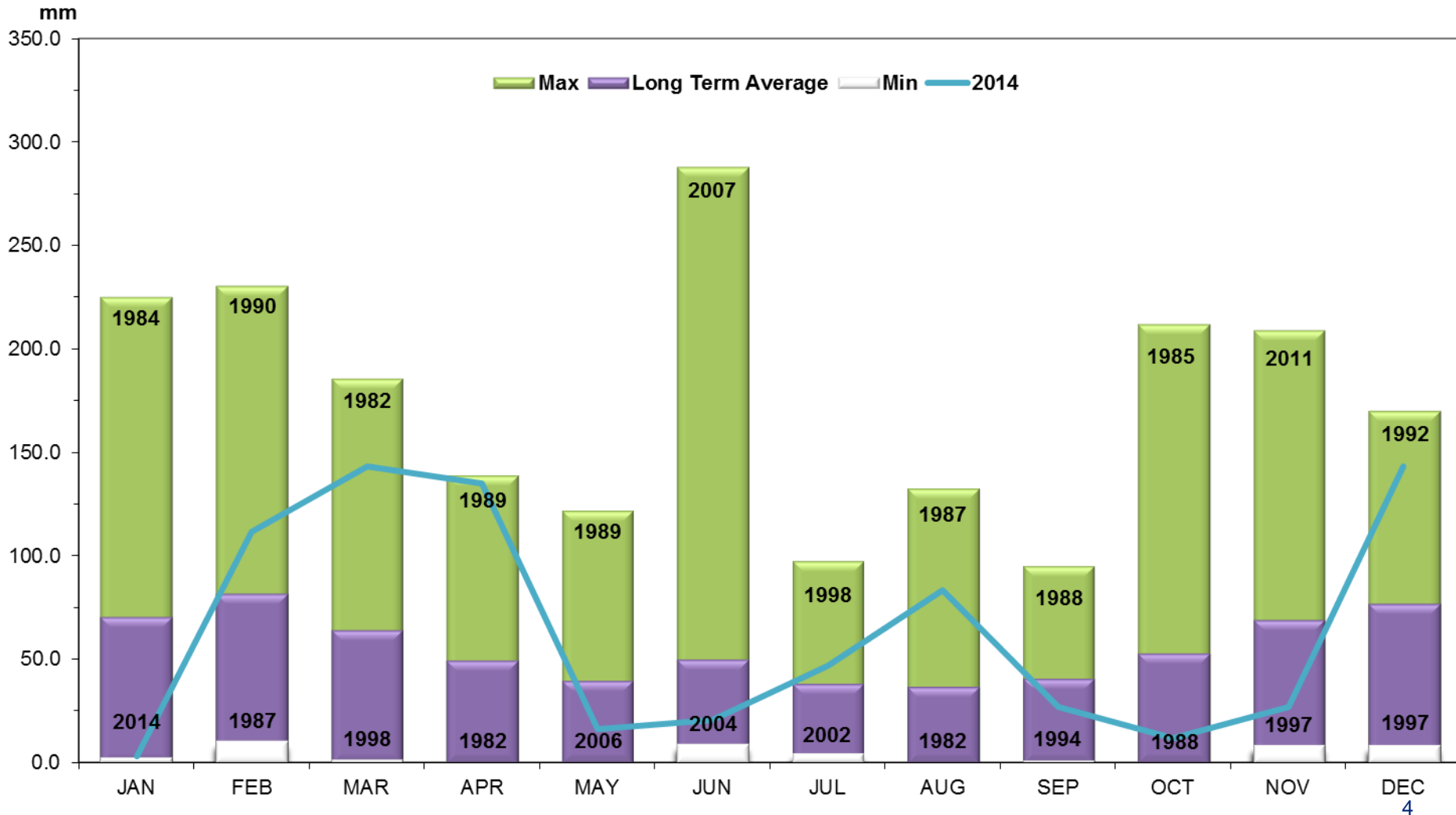
December 2014

No complaints received in December 2014.

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 15/01/2015

RAINFALL

Rainfall Pattern and History (1981 - 2014)



AIR QUALITY MONITORING POINT 1 (EPL 1323)

Particulates – Deposited Matter (Antiene)

Period	Sample	Insoluble Solids	Annual Mean	Annual Mean Limit	Unit			
Dec-14	2197	2.8	3.1	4	g/m2/month			
Dec-14	2230	2.3	2.5	4	g/m2/month			
Dec-14	2157	2.0	2.1	4	g/m2/month			
Dec-14	2208	1.2	2.1	4	g/m2/month			
Dec-14	2247	1.6	2.1	4	g/m2/month		Number of samples	8
Dec-14	2235	1.6	2.2	4	g/m2/month		Minimum	1.2
Dec-14	2175	2.2	2.1	4	g/m2/month		Mean	2.0
Dec-14	2130	2.2	2.4	4	g/m2/month		Maximum	2.8

Depositional Dust: Particulates – Deposited Matter

Limit not stated on EPL

Date Sampled: 30/12/2014
 Date Obtained: 13/01/2015
 Date Published: 15/01/2015

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			
06-Nov-14	Lot 22	99	58	90	µg/m3			
12-Nov-14	Lot 22	78	59	90	µg/m3		Number of samples	5
18-Nov-14	Lot 22	112	60	90	µg/m3		Minimum	78
24-Nov-14	Lot 22	110	61	90	µg/m3		Mean	99
30-Nov-14	Lot 22	95	61	90	µg/m3		Maximum	112

TSP: Total Suspended Particulates

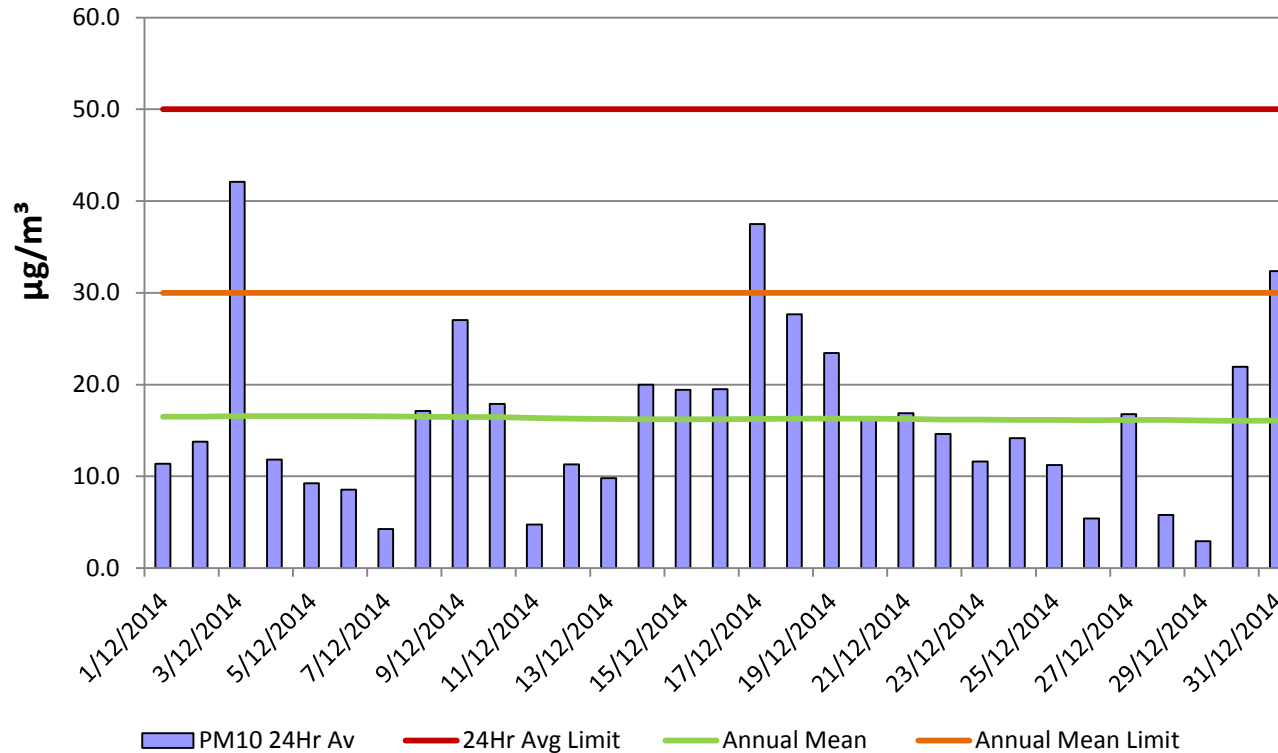
Date Sampled: As listed above
Date Obtained: 12/01/2015
Date Published: 15/01/2015

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)

PM10 - TEOM



Number of samples	31
Minimum	2.9
Mean	16.3
Maximum	42.1

Date Sampled: Daily average
 Date Published: 15/01/2015
 Licensee: Anglo Coal (Drayton Management) Pty Limited
 EPL 1323
 Monitoring Frequency: Continuous

BLASTING SUMMARY

Blast overpressure (noise) and vibration

		ANTIENE		DE BOER		SHARMAN	
		Overpressure	Vibration	Overpressure	Vibration	Overpressure	Vibration
Date	Time	dB(L)	mm/sec	dB(L)	mm/sec	dB(L)	mm/sec
3/12/2014	2:31 PM	89.8	0.04	89.5	0.08	88.9	0.07
11/12/2014	1:04 PM	76.7	0.02	85.4	0.07	87.4	0.02
18/12/2014	12:00 AM	98.1	0.10	102.0	0.19	103.6	0.09
22/12/2014	12:00 AM	88.8	0.05	101.9	0.33	87.4	0.12
23/12/2014	2:49 PM	88.5	0.07	91.2	0.11	88.3	0.06
29/12/2014	11:56 AM	101.5	0.39	107.1	0.16	107.7	0.05
31/12/2014	11:56 AM	93.6	0.04	102.2	0.20	100.3	0.05

Maximum	101.5	0.39	107.1	0.33	107.7	0.12
Minimum	76.7	0.02	85.4	0.07	87.4	0.02
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: 15/01/2015

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

THANK YOU