

DRAYTON MONITORING DATA

To the 31st January 2015



DRAYTON MONITORING REPORT JANUARY 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

January 2015

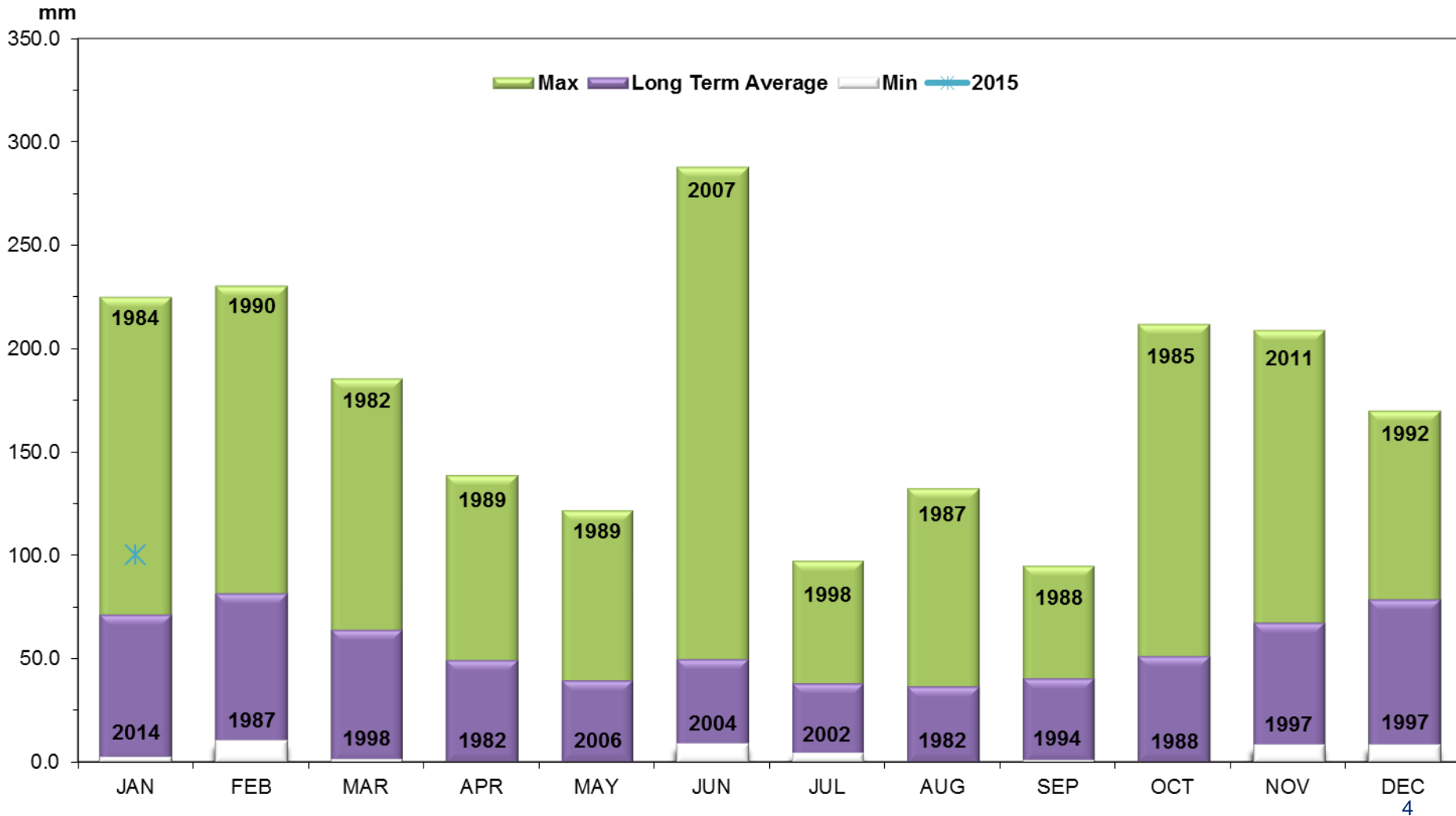
Four complaints received in January 2015.

- Three related to a blast event
- One from Scone related to odour

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 17/02/2015

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			
Jan-15	2197	4.6	3.2	4	g/m2/month			
Jan-15	2230	2.0	2.4	4	g/m2/month			
Jan-15	2157	1.6	2.1	4	g/m2/month			
Jan-15	2208	1.6	2.0	4	g/m2/month			
Jan-15	2247	1.5	2.1	4	g/m2/month		Number of samples	8
Jan-15	2235	1.1	2.1	4	g/m2/month		Minimum	1.1
Jan-15	2175	1.4	2.1	4	g/m2/month		Mean	1.9
Jan-15	2130	1.1	2.3	4	g/m2/month		Maximum	4.6

Depositional Dust: Particulates – Deposited Matter

Limit not stated on EPL

Date Sampled: 29/01/2014
 Date Obtained: 10/02/2015
 Date Published: 17/02/2015

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			
05-Jan-15	Lot 22	74	60.52	90	µg/m ³			
11-Jan-15	Lot 22	21	59.38	90	µg/m ³		Number of samples	5
17-Jan-15	Lot 22	64	58.15	90	µg/m ³		Minimum	21
23-Jan-15	Lot 22	47	58.02	90	µg/m ³		Mean	50
29-Jan-15	Lot 22	42	56.69	90	µg/m ³		Maximum	74

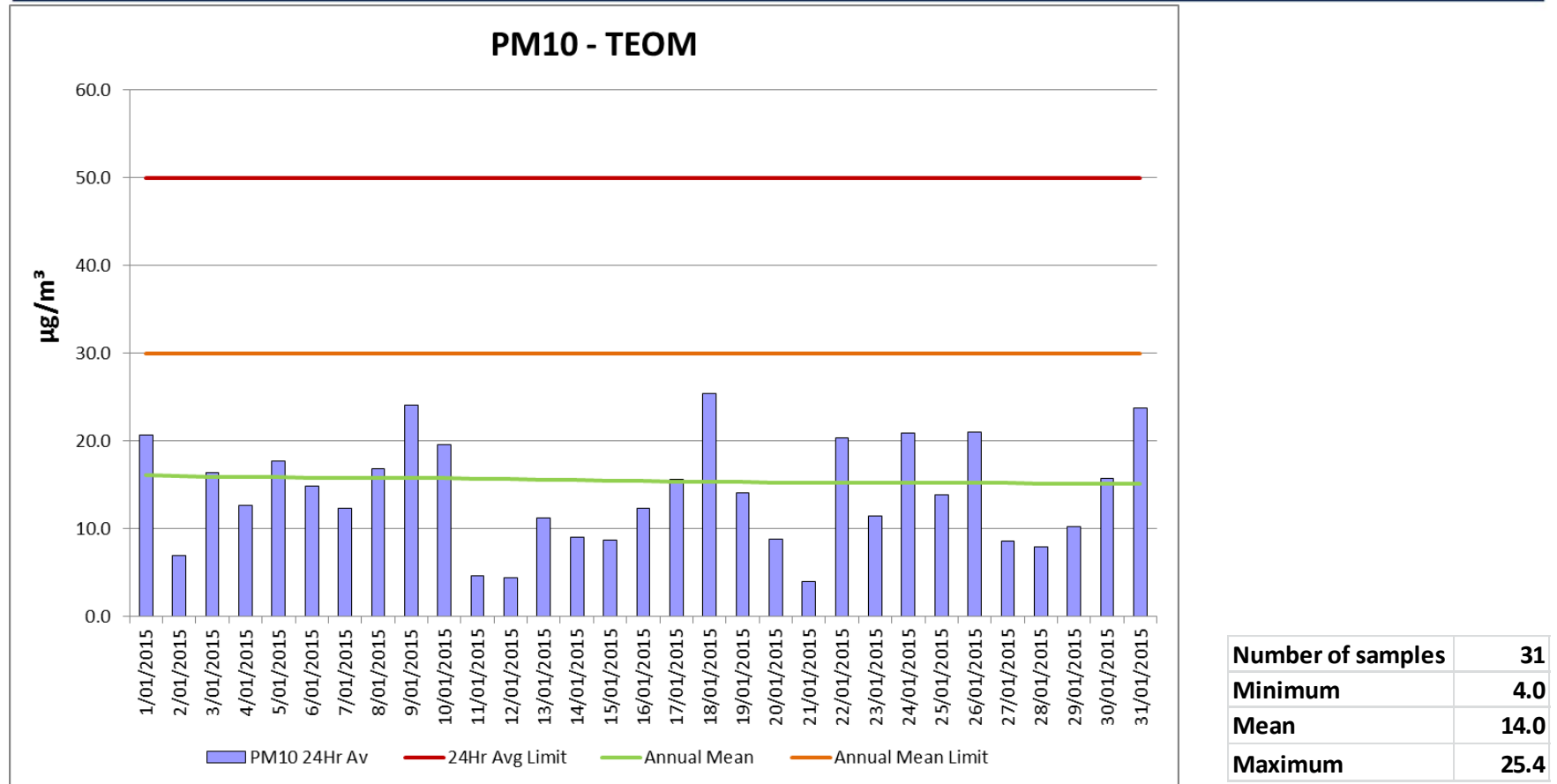
TSP: Total Suspended Particulates

Date Sampled: As listed above
Date Obtained: 09/02/2015
Date Published: 17/02/2015

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)



Date Sampled: Daily average
Date Published: 17/02/2015

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	Overpress	Vibration
Date	Time	dB(L)	mm/sec	dB(L)	mm/sec	dB(L)	mm/sec
2/01/2015	1:54 PM	81.0	0.01	91.9	0.01	82.7	0.01
6/01/2015	3:51 PM	86.5	0.02	90.7	0.06	92.5	0.05
7/01/2015	2:10 PM	105.3	0.73	103.9	0.75	98.4	0.51
8/01/2015	2:06 PM	87.9	0.04	90.2	0.06	89.6	0.05
16/01/2015	2:42 PM	99.9	0.98	104.2	1.65	105.5	1.14
20/01/2015	10:37 AM	99.4	0.07	99.1	0.14	99.4	0.19
30/01/2015	2:04 PM	109.4	0.74	108.5	1.08	102.3	0.97

Maximum	109.4	0.98	108.5	1.65	105.5	1.14
Minimum	81.0	0.01	90.2	0.01	82.7	0.01
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: 17/02/2015

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

THANK YOU