

DRAYTON MONITORING DATA

To the 30th June 2015



DRAYTON MONITORING REPORT JUNE 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

June 2015

Two complaints were received during June 2015

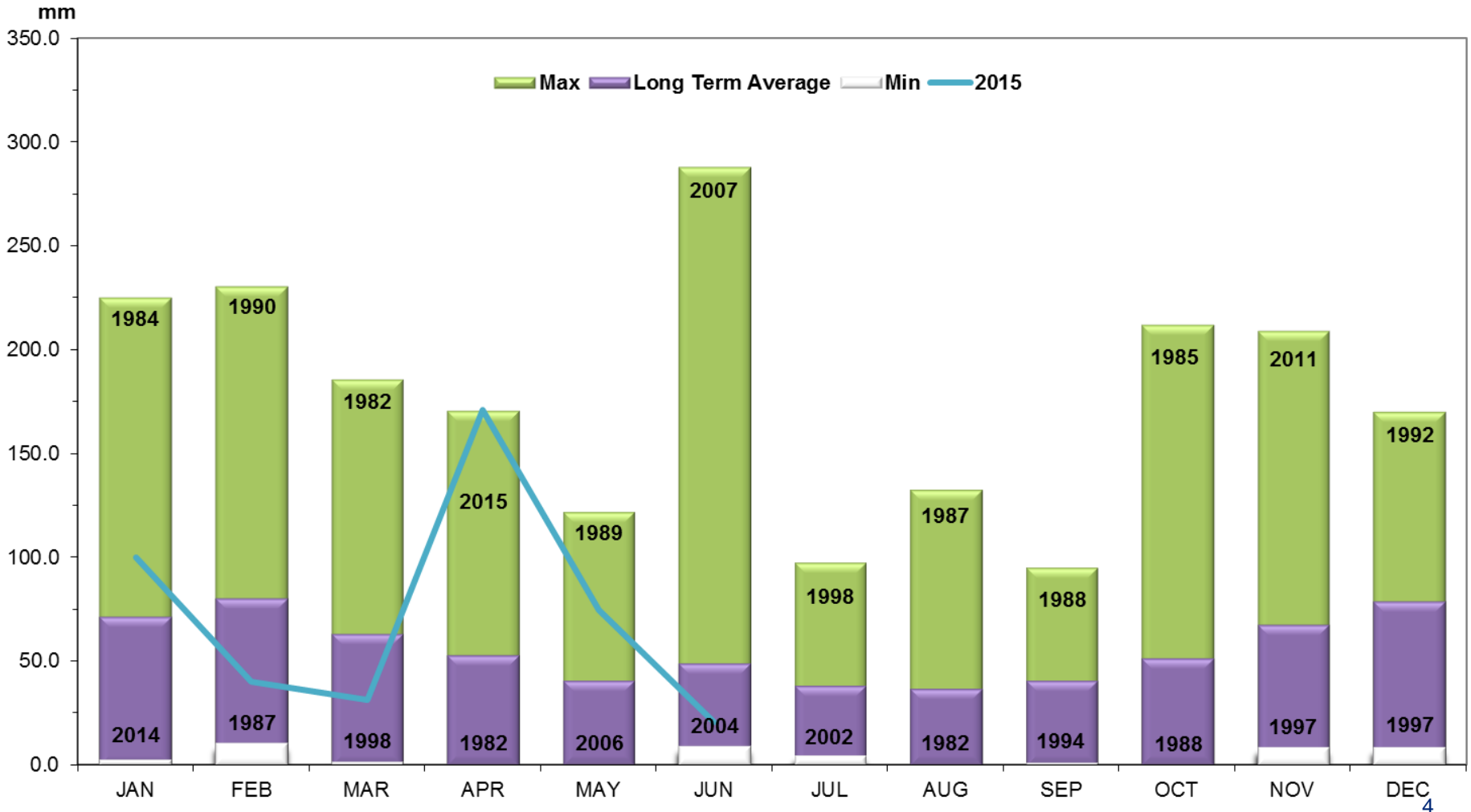
One was from a resident in Scone complaining about the odour of Spontaneous Combustion

One was in relation to a blast on 23/6/15. Blast results were within compliance limits. Overblast at the Sharman monitor was 92.9 dbL (limit 120 dbL) and vibration 0.37 mm/s (limit 10 mm/s).

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 22/07/2015

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 | | | |
|--------|--------|------------------|-------------|-------------------|------------|--|--------------------------|------------|
| Jun-15 | * 2197 | 1.9 | 4.1 | 4 | g/m2/month | | | |
| Jun-15 | 2230 | 0.6 | 2.4 | 4 | g/m2/month | | | |
| Jun-15 | 2157 | 0.6 | 1.9 | 4 | g/m2/month | | | |
| Jun-15 | 2208 | 0.5 | 1.9 | 4 | g/m2/month | | | |
| Jun-15 | 2247 | 0.6 | 2.0 | 4 | g/m2/month | | Number of samples | 8 |
| Jun-15 | 2235 | 0.8 | 1.9 | 4 | g/m2/month | | Minimum | 0.5 |
| Jun-15 | 2175 | 0.6 | 2.1 | 4 | g/m2/month | | Mean | 0.8 |
| Jun-15 | 2130 | 0.7 | 2.1 | 4 | g/m2/month | | Maximum | 1.9 |

* High mean due to contaminated result in February. Contamination due to insects and broken lid.

Depositional Dust: Particulates – Deposited Matter

Limit not stated on EPL

Date Sampled: 30/06/2015
 Date Obtained: 07/07/2015
 Date Published: 22/07/2015

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 | | | |
|-----------|---------|-----------|-------------|-------------------|-------|--|--------------------------|----------|
| 04-Jun-15 | *Lot 22 | No result | 56.76 | 90 | µg/m3 | | | |
| 10-Jun-15 | Lot 22 | No result | 57.04 | 90 | µg/m3 | | Number of samples | 0 |
| 16-Jun-15 | Lot 22 | No result | 57.45 | 90 | µg/m3 | | Minimum | 0 |
| 22-Jun-15 | Lot 22 | No result | 57.96 | 90 | µg/m3 | | Mean | 0 |
| 28-Jun-15 | Lot 22 | No result | 58.57 | 90 | µg/m3 | | Maximum | 0 |

| Date | Sample | TSP | Annual Mean | Annual Mean Limit | Unit | | | |
|-----------|--------|-----|-------------|-------------------|-------|--|--------------------------|------------|
| 04-Jun-15 | MET | 20 | 53.69 | 90 | µg/m3 | | | |
| 10-Jun-15 | MET | 32 | 52.89 | 90 | µg/m3 | | Number of samples | 5 |
| 16-Jun-15 | MET | 11 | 51.39 | 90 | µg/m3 | | Minimum | 11 |
| 22-Jun-15 | MET | 150 | 54.79 | 90 | µg/m3 | | Mean | 49 |
| 28-Jun-15 | MET | 32 | 54.03 | 90 | µg/m3 | | Maximum | 150 |

* High Volume sampler had an electrical fault and required replacement of parts. While this is the statutory monitoring point, Drayton maintains a second HVAS near site. The results from this are generally in line with the statutory HVAS, and are presented here to demonstrate the TSP levels measured during the period.

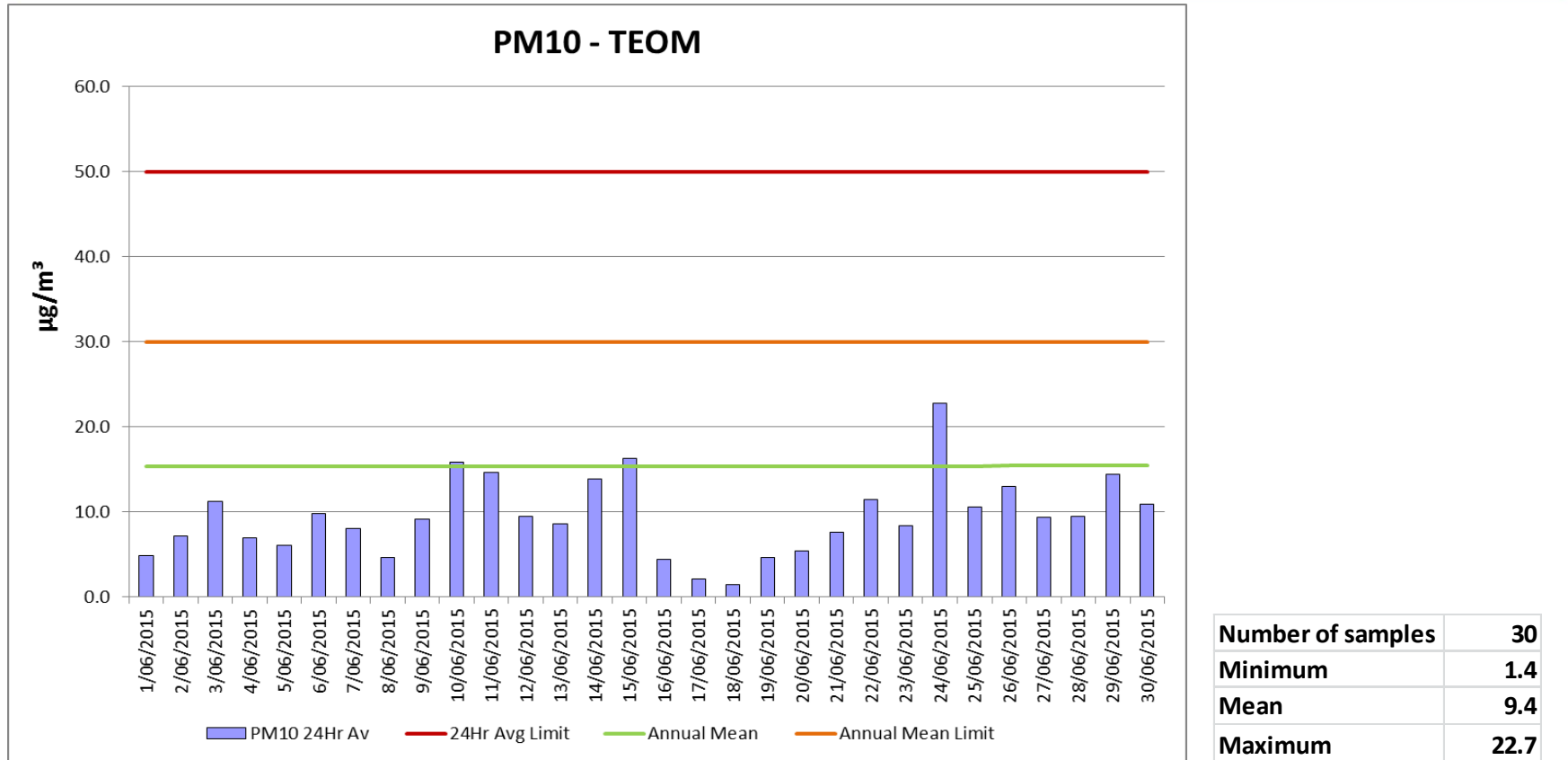
TSP: Total Suspended Particulates

Date Sampled: As listed above
 Date Obtained: 13/07/2015
 Date Published: 22/07/2015

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: 22/07/2015

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 |
| 3/06/2015 | 11:11 AM | 99.1 | 0.13 | 103.4 | 0.15 | 97.7 | 0.22 |
| 3/06/2015 | 2:02 PM | 91.1 | 0.01 | 87.5 | 0.02 | 95.5 | 0.05 |
| 9/06/2015 | 11:01 AM | 91.6 | 0.11 | 88.8 | 0.11 | 92.7 | 0.19 |
| 10/06/2015 | 2:02 PM | 93.0 | 0.07 | 102.7 | 0.07 | 98.5 | 0.12 |
| 11/06/2015 | 2:35 PM | 90.9 | 0.03 | 83.8 | 0.03 | 91.2 | 0.05 |
| 11/06/2015 | 2:35 PM | 90.9 | 0.03 | 83.8 | 0.03 | 91.2 | 0.05 |
| 15/06/2015 | 2:31 PM | 92.3 | 0.02 | 90.3 | 0.02 | 90.6 | 0.04 |
| 16/06/2015 | 1:01 PM | 96.1 | 0.08 | 93.2 | 0.05 | 96.1 | 0.19 |
| 19/06/2015 | 1:54 PM | 101.7 | 0.05 | 81.9 | 0.06 | 96.3 | 0.05 |
| 23/06/2015 | 2:03 PM | 92.9 | 0.37 | 85.9 | 0.31 | 96.6 | 0.74 |
| 24/06/2015 | 2:00 PM | 93.9 | 0.03 | 82.3 | 0.04 | 89.0 | 0.06 |
| 26/06/2015 | 1:00 PM | 83.9 | 0.30 | 94.3 | 0.78 | 91.1 | 0.36 |

| | | | | | | |
|-------------------|--------------|-------------|--------------|-------------|-------------|-------------|
| Maximum | 101.7 | 0.37 | 103.4 | 0.78 | 98.5 | 0.74 |
| Minimum | 83.9 | 0.01 | 81.9 | 0.02 | 89.0 | 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: 22/07/2015

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

THANK YOU