DRAYTON MONITORING DATA

To the 29th February 2016
DRAYTON MONITORING REPORT FEBRUARY 2016

• 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
February 2016

No complaints were received during February 2016.

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 25/03/2016
Rainfall Pattern and History (1981 - 2016)

- **January:** 1984
- **February:** 1990
- **March:** 1982
- **April:** 2015
- **May:** 1989
- **June:** 2004
- **July:** 2002
- **August:** 1987
- **September:** 1982
- **October:** 1988
- **November:** 1994
- **December:** 1997

**Legend:**
- Green: Max
- Purple: Long Term Average
- White: Min
- Blue: 2016

**Units:** mm
## AIR QUALITY MONITORING POINT 1 (EPL 1323)

### Particulates – Deposited Matter (Antiene)

<table>
<thead>
<tr>
<th>Period</th>
<th>Sample</th>
<th>Insoluble Solids</th>
<th>Annual Mean</th>
<th>Annual Mean Limit</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb-16</td>
<td>2197</td>
<td>0.8</td>
<td>3.7</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Feb-16</td>
<td>2230</td>
<td>2.7</td>
<td>2.1</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Feb-16</td>
<td>2157</td>
<td>2.5</td>
<td>1.7</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Feb-16</td>
<td>2208</td>
<td>0.7</td>
<td>1.5</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Feb-16</td>
<td>2247</td>
<td>1.1</td>
<td>1.7</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Feb-16</td>
<td>2235</td>
<td>1.2</td>
<td>1.7</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Feb-16</td>
<td>2175</td>
<td>1.0</td>
<td>1.6</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Feb-16</td>
<td>2130</td>
<td>0.9</td>
<td>1.8</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
</tbody>
</table>

### Summary Statistics

- Number of samples: 8
- Minimum: 0.7 g/m²/month
- Mean: 1.4 g/m²/month
- Maximum: 2.7 g/m²/month

Depositional Dust: Particulates – Deposited Matter
Limit not stated on EPL

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Date Sampled: 29/02/2016  
Date Obtained: 16/03/2016  
Date Published: 25/03/2016  
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)

<table>
<thead>
<tr>
<th>Date</th>
<th>Sample</th>
<th>TSP</th>
<th>Annual Mean</th>
<th>Annual Mean Limit</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>05-Feb-16</td>
<td>Lot 22</td>
<td>65</td>
<td>48</td>
<td>90</td>
<td>µg/m3</td>
</tr>
<tr>
<td>11-Feb-16</td>
<td>Lot 22</td>
<td>70</td>
<td>48</td>
<td>90</td>
<td>µg/m3</td>
</tr>
<tr>
<td>17-Feb-16</td>
<td>Lot 22</td>
<td>80</td>
<td>48</td>
<td>90</td>
<td>µg/m3</td>
</tr>
<tr>
<td>23-Feb-16</td>
<td>Lot 22</td>
<td>79</td>
<td>48</td>
<td>90</td>
<td>µg/m3</td>
</tr>
<tr>
<td>29-Feb-16</td>
<td>Lot 22</td>
<td>63</td>
<td>48</td>
<td>90</td>
<td>µg/m3</td>
</tr>
</tbody>
</table>

Number of samples 5
Minimum 63
Mean 71
Maximum 80

TSP: Total Suspended Particulates

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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: Particulate matter less than 10 microns diameter

Number of samples 29
Minimum 11.1
Mean 20.4
Maximum 35.6

Date Sampled: Daily average
Date Published: 25/03/2016

Licensee: Anglo Coal (Drayton Management)Pty Limited
EPL 1323
Monitoring Frequency: Continuous
BLASTING SUMMARY
Blast overpressure (noise) and vibration

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Maximum</th>
<th>Minimum</th>
<th>Limit 95%</th>
<th>Limit 100%</th>
<th>Exceedance</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/02/2016</td>
<td>11:59 AM</td>
<td>93.8</td>
<td>85.9</td>
<td>89.9</td>
<td>94.0</td>
<td>0</td>
</tr>
<tr>
<td>9/02/2016</td>
<td>2:30 PM</td>
<td>93.8</td>
<td>85.9</td>
<td>89.9</td>
<td>94.0</td>
<td>0</td>
</tr>
<tr>
<td>15/02/2016</td>
<td>2:05 PM</td>
<td>85.9</td>
<td>85.6</td>
<td>89.1</td>
<td>94.8</td>
<td>0</td>
</tr>
<tr>
<td>17/02/2016</td>
<td>12:01 PM</td>
<td>89.9</td>
<td>89.9</td>
<td>89.0</td>
<td>91.8</td>
<td>0</td>
</tr>
<tr>
<td>18/02/2016</td>
<td>2:07 PM</td>
<td>93.1</td>
<td>96.1</td>
<td>94.8</td>
<td>90.3</td>
<td>0</td>
</tr>
<tr>
<td>23/02/2016</td>
<td>10:04 AM</td>
<td>94.0</td>
<td>97.1</td>
<td>97.1</td>
<td>103.0</td>
<td>0</td>
</tr>
<tr>
<td>24/02/2016</td>
<td>2:05 PM</td>
<td>91.0</td>
<td>94.7</td>
<td>94.7</td>
<td>103.0</td>
<td>0</td>
</tr>
</tbody>
</table>

Date Sampled: As listed above
Date Obtained: Monthly summary
Date Published: 25/03/2016
Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Monitoring Frequency: Event
THANK YOU