Drayton Mine (Drayton) is part of Anglo American’s 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 2016

No complaints were received during December 2016

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 16/01/2017
Rainfall Pattern and History (1981 - 2016)

- Max
- Long Term Average
- Min
- 2016

Rainfall data for each month from 1981 to 2016 is represented graphically, showing the variation in rainfall over time.

- JAN 1984, 2014
- FEB 1990, 2016
- MAR 1982, 1998
- APR 2015, 1982
- MAY 1989, 2006
- JUN 2007, 2004
- JUL 1998, 2002
- AUG 1987, 1982
- SEP 1994, 1988
- OCT 1985, 1997
- NOV 2011, 1997
- DEC 1992

The graph indicates the range of rainfall for each month, with the maximum, long-term average, minimum, and actual rainfall for the year 2016.
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>Dec-16</td>
<td>2197</td>
<td>3.1</td>
<td>2.9</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Dec-16</td>
<td>2230</td>
<td>3.3</td>
<td>2.0</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Dec-16</td>
<td>2157</td>
<td>3.1</td>
<td>2.1</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Dec-16</td>
<td>2208</td>
<td>2.2</td>
<td>1.5</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Dec-16</td>
<td>2247</td>
<td>2.2</td>
<td>1.8</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Dec-16</td>
<td>2235</td>
<td>2.8</td>
<td>2.0</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Dec-16</td>
<td>2175</td>
<td>2.8</td>
<td>2.0</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
<tr>
<td>Dec-16</td>
<td>2130</td>
<td>2.9</td>
<td>2.2</td>
<td>4</td>
<td>g/m²/month</td>
</tr>
</tbody>
</table>

Number of samples: 8
Minimum: 2.2
Mean: 2.8
Maximum: 3.3

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

Date Sampled: 29/12/2016
Date Obtained: 11/01/2017
Date Published: 16/01/2017
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>01-Dec-16</td>
<td>Lot 22</td>
<td>60</td>
<td>49.4</td>
<td>90</td>
<td>µg/m³</td>
</tr>
<tr>
<td>07-Dec-16</td>
<td>Lot 22</td>
<td>31</td>
<td>48.5</td>
<td>90</td>
<td>µg/m³</td>
</tr>
<tr>
<td>13-Dec-16</td>
<td>Lot 22</td>
<td>124</td>
<td>49.0</td>
<td>90</td>
<td>µg/m³</td>
</tr>
<tr>
<td>19-Dec-16</td>
<td>Lot 22</td>
<td>48</td>
<td>48.6</td>
<td>90</td>
<td>µg/m³</td>
</tr>
<tr>
<td>25-Dec-16</td>
<td>Lot 22</td>
<td>30</td>
<td>48.7</td>
<td>90</td>
<td>µg/m³</td>
</tr>
<tr>
<td>31-Dec-16</td>
<td>Lot 22</td>
<td>72</td>
<td>49</td>
<td>90</td>
<td>µg/m³</td>
</tr>
</tbody>
</table>

Number of samples: 6
Minimum: 30
Mean: 61
Maximum: 124

TSP: Total Suspended Particulates

Date Sampled: As listed above
Date Obtained: 11/01/2016
Date Published: 16/01/2017
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

Date Sampled: Daily average
Date Published: 16/01/2017

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

PM10: Particulate matter less than 10 microns diameter

Number of samples 31
Minimum 4.3
Mean 19.8
Maximum 41.6
BLASTING SUMMARY
Blast overpressure (noise) and vibration

No blasts were conducted during December 2016

Date Sampled: As listed above
Date Obtained: Monthly summary
Date Published: 16/01/2017

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