

Baal Bone Colliery - Water Monitoring

License Holder: The Wallerawang Collieries Limited

Site Address: Baal Bone Colliery, Castlereagh Highway, Lithgow, NSW, 2790

EPL Number: 765

Sampled: 03/10/2018

Obtained: 11/10/2018

Published: 15/10/2018

Sampling Frequency: Monthly during discharge

| EPA Identification No. / Site Sample Name | Pollutant | Monthly Measurement | Twelve Month Rolling Average | Twelve Month Rolling Median | Limit | Unit | Exceedance (yes/no) |
|---|-------------------------|---------------------|------------------------------|-----------------------------|-----------|---------------------------------|---------------------|
| 2 / LDP2 | BOD | No Flow | - | - | - | mg/L | - |
| 2 / LDP2 | Faecal Coliforms | No Flow | - | - | - | colony forming units per 100 mL | - |
| 2 / LDP2 | Nitrogen (total) | No Flow | - | - | - | mg/L | - |
| 2 / LDP2 | Oil and Grease | No Flow | - | - | - | mg/L | - |
| 2 / LDP2 | pH | No Flow | - | - | - | pH | - |
| 2 / LDP2 | Phosphorus (total) | No Flow | - | - | - | mg/L | - |
| 2 / LDP2 | Total Suspended Solids | No Flow | - | - | - | mg/L | - |
| 11 / LDP1 | Dissolved Iron | <0.05 | 0.07 | 0.05 | 1.0 | mg/L | No |
| 11 / LDP1 | Oil and Grease | <5 | 5.0 | 5.0 | 10 | mg/L | No |
| 11 / LDP1 | pH | 7.6 | 7.7 | 7.8 | 6.5 - 8.5 | pH | No |
| 11 / LDP1 | Total Suspended Solids | <5 | 5.1 | 5.0 | 50 | mg/L | No |
| 11 / LDP1 | Electrical Conductivity | 1149 | 1102 | 1100 | - | µS/cm | - |
| 11 / LDP1 | Sulphate | 330 | 303 | 312 | - | mg/L | - |
| 12 / WMP1 | Conductivity | No flow | - | - | - | µS/cm | - |
| 12 / WMP1 | Dissolved Iron | No flow | - | - | - | mg/L | - |
| 12 / WMP1 | Oil and Grease | No flow | - | - | - | mg/L | - |
| 12 / WMP1 | Sulphate | No flow | - | - | - | mg/L | - |
| 12 / WMP1 | Total Suspended Solids | No flow | - | - | - | mg/L | - |
| 12 / WMP1 | pH | No Flow | - | - | - | pH | - |

Baal Bone Colliery - Deposited Dust Monitoring

License Holder: The Wallerawang Collieries Limited

Site Address: Baal Bone Colliery, Castlereagh Highway, Lithgow, NSW, 2790

EPL Number: 765

Sampled: 02/10/2018

Obtained: 11/10/2018

Published: 15/10/2018

Sampling Frequency: Once a month (min. 4 weeks)

| EPA Identification No. / Site Sample Name | Frequency | Pollutant | Measurement | Twelve Month Rolling Average | Twelve Month Rolling Median | Limit | Unit | Exceedance (yes/no) |
|---|-----------|---------------------------------|-------------|------------------------------|-----------------------------|-------|-------------------------|---------------------|
| 7 / DM1 | Monthly | Particulates - Deposited Matter | 1.3 | 1.1 | 0.8 | 4.0 | g/m ² /month | No* |
| 13 / DM2 | Monthly | Particulates - Deposited Matter | 0.5 | 0.6 | 0.5 | 4.0 | g/m ² /month | No |
| 14 / DM3 | Monthly | Particulates - Deposited Matter | 0.5 | 0.8 | 0.5 | 4.0 | g/m ² /month | No |
| 15 / DM4 | Monthly | Particulates - Deposited Matter | 0.5 | 0.5 | 0.5 | 4.0 | g/m ² /month | No |

Baal Bone Colliery - Waste Monitoring

License Holder: The Wallerawang Collieries Limited

Site Address: Baal Bone Colliery, Castlereagh Highway, Lithgow, NSW, 2790

EPL Number: 765

Sampled: 15/10/2018

Obtained: 15/10/2018

Published: 15/10/2018

| Frequency | Pollutant | Measurement | Units | Activity waste is used for | Exceedance (yes/no) |
|-----------|------------------------------------|-------------|--------|----------------------------|---------------------|
| Monthly | General or specific exempted waste | 0 | tonnes | Resource recovery | No |