

## 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:** 08/08/2017

**Obtained:** 17/08/2017

**Published:** 29/08/2017

**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	0.06	0.05	1.0	mg/L	No
11 / LDP1	Oil and Grease	<2	<2	<2	10	mg/L	No
11 / LDP1	pH	8.2	7.9	8.1	6.5 - 8.5	pH	No
11 / LDP1	Total Suspended Solids	4	3	2	50	mg/L	No
11 / LDP1	Electrical Conductivity	1100	1042	1075	-	µS/cm	-
11 / LDP1	Sulphate	278	258	253	-	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:** 08/08/2017

**Obtained:** 22/08/2017

**Published:** 29/08/2017

**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	0.2	0.4	0.2	4.0	g/m <sup>2</sup> /month	No
13 / DM2	Monthly	Particulates - Deposited Matter	0.4	0.4	0.4	4.0	g/m <sup>2</sup> /month	No
14 / DM3	Monthly	Particulates - Deposited Matter	0.2	0.4	0.2	4.0	g/m <sup>2</sup> /month	No
15 / DM4	Monthly	Particulates - Deposited Matter	6.2	0.9	0.4	4.0	g/m <sup>2</sup> /month	No

\*EPL Monitoring Point 15 (DM4) result for August 2017 is above the monthly maximum total deposited dust level of 4g/m<sup>2</sup>/month however when the annual average is applied the result is well within Project Approval limits. Characterisation of particles in the sample determined the following composition: 55% ash, <5% fine particles and 45% organic matter.

## 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:** 29/08/2017

**Obtained:** 29/08/2017

**Published:** 29/08/2017

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