

## 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:** 19/10/2017

**Obtained:** 2/11/2017

**Published:** 10/11/2017

**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	0.18	0.06	0.05	1.0	mg/L	No
11 / LDP1	Oil and Grease	<5	<2	<2	10	mg/L	No
11 / LDP1	pH	8.2	8.1	8.1	6.5 - 8.5	pH	No
11 / LDP1	Total Suspended Solids	<5	2	2	50	mg/L	No
11 / LDP1	Electrical Conductivity	1119	1076	1080	-	µS/cm	-
11 / LDP1	Sulphate	322	259	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:** 09/10/2017

**Obtained:** 17/10/2017

**Published:** 10/11/2017

**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	0.5	0.4	0.3	4.0	g/m <sup>2</sup> /month	No
13 / DM2	Monthly	Particulates - Deposited Matter	0.6	0.8	0.5	4.0	g/m <sup>2</sup> /month	No
14 / DM3	Monthly	Particulates - Deposited Matter	0.7	0.4	0.3	4.0	g/m <sup>2</sup> /month	No
15 / DM4	Monthly	Particulates - Deposited Matter	0.8	0.9	0.4	4.0	g/m <sup>2</sup> /month	No

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:** 31/10/2017

**Obtained:** 31/10/2017

**Published:** 31/10/2017

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