

## Baal Bone Colliery - Water Monitoring

**License Holder:** The Wallerawang Collieries Limited

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

**EPL Number:** 765

<https://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33540&SYSUID=1&LICID=765>

**Sampled:** 17/01/2017

**Obtained:** 31/01/2017

**Published:** 31/01/2017

**Sampling Frequency:** Monthly during discharge

Sampling Point	Pollutant	Monthly Measurement	Twelve Month Rolling Average	Twelve Month Rolling Median	Limit	Unit	Exceedance (yes/no)
LDP2	BOD	No Flow	-	-	-	mg/L	-
LDP2	Faecal Coliforms	No Flow	-	-	-	colony forming units per 100 mL	-
LDP2	Nitrogen (total)	No Flow	-	-	-	mg/L	-
LDP2	Oil and Grease	No Flow	-	-	-	mg/L	-
LDP2	pH	No Flow	-	-	-	pH	-
LDP2	Phosphorus (total)	No Flow	-	-	-	mg/L	-
LDP2	Total Suspended Solids	No Flow	-	-	-	mg/L	-
11 (LDP1)	Dissolved Iron	<0.05	0.08	0.05	1	mg/L	No
11 (LDP1)	Oil and Grease	<2	2.0	2.0	10	mg/L	No
11 (LDP1)	pH	8.0	7.8	7.9	6.5 - 8.5	pH	No
11 (LDP1)	Total Suspended Solids	2	6	5	50	mg/L	No
11 (LDP1)	Electrical Conductivity	1050	1034	1040	-	µS/cm	-
11 (LDP1)	Sulphate	249	260	255	-	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

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**Sampled:** 09/01/2017

**Obtained:** 31/01/2017

**Published:** 31/01/2017

Sampling Point	Frequency	Pollutant	Measurement	Twelve Month Rolling Average	Twelve Month Rolling Median	Limit	Unit	Exceedance (yes/no)
7 - DM1	Monthly	Particulates - Deposited Matter	0.4	0.5	0.5	4.0	g/m <sup>2</sup> /month	No
13 - DM2	Monthly	Particulates - Deposited Matter	0.5	0.4	0.4	4.0	g/m <sup>2</sup> /month	No
14 - DM3	Monthly	Particulates - Deposited Matter	0.7	0.4	0.4	4.0	g/m <sup>2</sup> /month	No
15 - DM4	Monthly	Particulates - Deposited Matter	0.6	0.3	0.3	4.0	g/m <sup>2</sup> /month	No

## Baal Bone Colliery - Waste Monitoring

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<https://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33540&SYSUID=1&LICID=765>

**Sampled:** n/a

**Obtained:** n/a

**Published:** 31/01/2017

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