

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: 15/08/2016

Obtained: 30/08/2016

Published: 31/08/2016

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	0	0	-	mg/L	-
LDP2	Faecal Coliforms	No Flow	0	0	-	colony forming units per 100 mL	-
LDP2	Nitrogen (total)	No Flow	0	0	-	mg/L	-
LDP2	Oil and Grease	No Flow	0	0	-	mg/L	-
LDP2	pH	No Flow	0	0	-	pH	-
LDP2	Phosphorus (total)	No Flow	0	0	-	mg/L	-
LDP2	Total Suspended Solids	No Flow	0	0	-	mg/L	-
11 (LDP1)	Dissolved Iron	0.07	0.07	0.05	1	mg/L	No
11 (LDP1)	Oil and Grease	5	1.83	2.0	10	mg/L	No
11 (LDP1)	pH	7.8	8	8.0	6.5 - 8.5	pH	No
12 (LDP1)	Total Suspended Solids	3	5	5	50	mg/L	No
11 (LDP1)	Electrical Conductivity	1040	1103	1115	-	µS/cm	-
11 (LDP1)	Sulphate	255	280	279	-	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: 10/08/2016

Obtained: 30/08/2016

Published: 31/08/2016

Sampling Point	Frequency	Pollutant	Measurement	Twelve Month Rolling Average*	Twelve Month Rolling Median*	Limit	Unit	Exceedence (yes/no)
7 - AQ1	Monthly	Particulates - Deposited Matter	0.3	0.5	0.5	4.0	g/m ² /month	No
13 - AQ2	Monthly	Particulates - Deposited Matter	0.1	0.4	0.4	4.0	g/m ² /month	No
14 - AQ3	Monthly	Particulates - Deposited Matter	0.1	0.4	0.4	4.0	g/m ² /month	No
15 - AQ4	Monthly	Particulates - Deposited Matter	0.1	0.4	0.4	4.0	g/m ² /month	No

Note: * Results from contaminated samples excluded from calculation of these values.

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: 31/08/2016

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