

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: 25/08/2020

Obtained: 07/09/2020

Published: 15/09/2020

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 / BBLDP2	BOD	No Flow	-	-	-	mg/L	-
2 / BBLDP2	Faecal Coliforms	No Flow	-	-	-	colony forming units per 100 mL	-
2 / BBLDP2	Nitrogen (total)	No Flow	-	-	-	mg/L	-
2 / BBLDP2	Oil and Grease	No Flow	-	-	-	mg/L	-
2 / BBLDP2	pH	No Flow	-	-	-	pH	-
2 / BBLDP2	Phosphorus (total)	No Flow	-	-	-	mg/L	-
2 / BBLDP2	Total Suspended Solids	No Flow	-	-	-	mg/L	-
16 / BBLDP1	Dissolved Iron	1.68*	0.19	0.05	1.0	mg/L	Yes
16 / BBLDP1	Oil and Grease	<5	5.5	5.0	10	mg/L	No
16 / BBLDP1	pH	6.5	7.1	7.0	6.5 - 8.5	pH	No
16 / BBLDP1	Total Suspended Solids	18	6.3	5.0	50	mg/L	No
16 / BBLDP1	Electrical Conductivity	673	979	999	-	µS/cm	-
16 / BBLDP1	Sulphate	261	344	348	-	mg/L	-

*Sample taken on 25.08.20 at EPL Point 16 has returned an elevated result for dissolved iron. The sample result was received by Baal Bone Colliery on the 7.09.20 from an accredited laboratory. EPL 765 condition M2 has a concentration limit of 1.0 mg/L for dissolved iron. The analysis of the sample from the 25.08.20 identified that there was a concentration level of 1.68 mg/L dissolved iron. Initial notification to EPA, DPIE, DPIE – Resources Regulator and NRAR took place on 8/09/20. A subsequent investigation report was provided to the same Regulators on 14/9/20. Actions undertaken include checking the result with the lab, and retesting the sample. The retest of the sample returned a result of 1.54mg/L and the duplicate sample returned a result of 1.58 mg/L. Ongoing monitoring will be undertaken at EPL Point 16.

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: 10/08/2020

Obtained: 07/09/2020

Published: 15/09/2020

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	0.3	1.7	1.2	4.0	g/m ² /month	No
13 / DM2	Monthly	Particulates - Deposited Matter	0.4	1.9	1.0	4.0	g/m ² /month	No
14 / DM3	Monthly	Particulates - Deposited Matter	0.3	1.8	1.2	4.0	g/m ² /month	No
15 / DM4	Monthly	Particulates - Deposited Matter	0.2	2.0	0.9	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: 01/09/2020

Obtained: 01/09/2020

Published: 15/09/2020

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