

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: 11/05/2021

Obtained: 20/05/2021

Published: 08/06/2021

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	1.32*	0.76	0.08	1.0	mg/L	Yes
16 / BBLDP1	Oil and Grease	<5.0	5.0	5.0	10	mg/L	No
16 / BBLDP1	pH	6.6	6.8	6.9	6.5 - 8.5	pH	No
16 / BBLDP1	Total Suspended Solids	<5.0	8.4	5.0	50	mg/L	No
16 / BBLDP1	Electrical Conductivity	794	803	792	-	µS/cm	-
16 / BBLDP1	Sulphate	316	322	311	-	mg/L	-

* On 26/04/21 Baal Bone Colliery provided written notification to the EPA concerning samples that had returned results outside of the iron (dissolved) limit of 10 milligrams per litre for the discharge point known as Point 16. An internal investigation is ongoing into the iron exceedances, and Gauge Scientific has been engaged to conduct an investigation and report. Additional water sampling is also being carried out. A copy of the Gauge Scientific Report will be provided to the EPA once finalised.

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: 10/05/2021

Obtained: 20/05/2021

Published: 08/06/2021

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	0.1	0.8	0.6	4.0	g/m ² /month	No
13 / DM2	Monthly	Particulates - Deposited Matter	0.4	0.4	0.4	4.0	g/m ² /month	No
14 / DM3	Monthly	Particulates - Deposited Matter	0.4	0.4	0.4	4.0	g/m ² /month	No
15 / DM4	Monthly	Particulates - Deposited Matter	0.3	0.3	0.3	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: 31/05/2021

Obtained: 31/05/2021

Published: 08/06/2021

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