

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: 06/12/2021

Obtained: 22/12/2021

Published: 12/01/2022

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)
16 / BBLDP1	Dissolved Iron	0.08	1.20	1.09	1.0	mg/L	n/a
16 / BBLDP1	Oil and Grease	<5	5.0	5.0	10	mg/L	n/a
16 / BBLDP1	pH	6.7	6.7	6.7	6.5 - 8.5	pH	n/a
16 / BBLDP1	Total Suspended Solids	13.0	10.8	10.0	50	mg/L	n/a
16 / BBLDP1	Electrical Conductivity	460	700	675	-	μS/cm	-
16 / BBLDP1	Sulphate	197	323	318	-	mg/L	-

Note: On 22/06/21 EPL 765 was varied to remove EPL Monitoring Point 2/BBLD2.

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: 08/12/2021

Obtained: 22/12/2021

Published: 12/01/2022

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	16.5*	1.9	0.6	4.0	g/m ² /month	No
13 / DM2	Monthly	Particulates - Deposited Matter	0.7	0.5	0.4	4.0	g/m ² /month	No
14 / DM3	Monthly	Particulates - Deposited Matter	0.4	0.5	0.5	4.0	g/m ² /month	No
15 / DM4	Monthly	Particulates - Deposited Matter	0.3	0.4	0.3	4.0	g/m ² /month	No

* December 2021 sample at DM1 returned a high result of 16.5 g/m²/month. The 4.0 g/m²/month EPL limit is an annual average limit, and the twelve month rolling average at DM1 is within EPL 765 licence limits.

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: 22/12/2021

Obtained: 22/12/2021

Published: 12/11/2022

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