

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: 25/09/2019

Obtained: 14/10/2019

Published: 15/10/2019

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 / LDP2	BOD	No Flow	-	-	-	mg/L	-
2 / LDP2	Faecal Coliforms	No Flow	-	-	-	colony forming units per 100 mL	-
2 / LDP2	Nitrogen (total)	No Flow	-	-	-	mg/L	-
2 / LDP2	Oil and Grease	No Flow	-	-	-	mg/L	-
2 / LDP2	pH	No Flow	-	-	-	pH	-
2 / LDP2	Phosphorus (total)	No Flow	-	-	-	mg/L	-
2 / LDP2	Total Suspended Solids	No Flow	-	-	-	mg/L	-
11 / LDP1	Dissolved Iron	<0.05	0.07	0.05	1.0	mg/L	No
11 / LDP1	Oil and Grease	<5.0	5.0	5.0	10	mg/L	No
11 / LDP1	pH	7.8	7.4	7.6	6.5 - 8.5	pH	No
11 / LDP1	Total Suspended Solids	<5.0	5.0	5.0	50	mg/L	No
11 / LDP1	Electrical Conductivity	1076	1074	1081	-	µS/cm	-
11 / LDP1	Sulphate	316	300	308	-	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

License Holder: The Wallerawang Collieries Limited

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

EPL Number: 765

Sampled: 25/09/2019

Obtained: 14/10/2019

Published: 15/10/2019

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	1.8	2.6	1.7	4.0	g/m ² /month	No
13 / DM2	Monthly	Particulates - Deposited Matter	1.4	1.2*	1.2*	4.0	g/m ² /month	No
14 / DM3	Monthly	Particulates - Deposited Matter	1.4	1.3	1.1	4.0	g/m ² /month	No
15 / DM4	Monthly	Particulates - Deposited Matter	1.2	1.2	0.9	4.0	g/m ² /month	No

*Jan 2019 sample collected, however sample subsequently lost by laboratory during analysis. Twelve month rolling average and twelve month rolling median figures stated for September 2019 at DM2 exclude Jan 2019.

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: 01/10/2019

Obtained: 01/10/2019

Published: 15/10/2019

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