

## Baal Bone Colliery - Water Monitoring

**License Holder:** The Wallerawang Collieries Pty Limited

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

**EPL Number:** 765

**Sampled:** 20/12/2022

**Obtained:** 12/01/2023

**Published:** 16/01/2023

**Sampling Frequency:** Monthly during discharge

EPA Identification No. / Site Sample Name <sup>1,3</sup>	Pollutant	Monthly Measurement	Twelve Month Rolling Average	Twelve Month Rolling Median	Limit	Unit	Exceedance (yes/no)
16 / BBLDP1	Dissolved Iron	<0.05	0.54	0.13	1.0	mg/L	No
16 / BBLDP1	Oil and Grease	<5	5.0	5.0	10	mg/L	No
16 / BBLDP1	pH	7.1	6.8	6.8	6.5 - 8.5	pH	No
16 / BBLDP1	Total Suspended Solids	<5	10.5	10.0	50	mg/L	No
16 / BBLDP1	Electrical Conductivity	1552	944	949	-	µS/cm	-
16 / BBLDP1	Sulphate	496	331	267	-	mg/L	-
17 / BBLDP17 <sup>2</sup>	Dissolved Iron	<0.05	0.05	0.05	1.0	mg/L	No
17 / BBLDP17 <sup>2</sup>	Oil and Grease	<5	5.0	5.0	10	mg/L	No
17 / BBLDP17 <sup>2</sup>	pH	8.0	8.03	8.0	6.5 - 8.5	pH	No
17 / BBLDP17 <sup>2</sup>	Total Suspended Solids	<5	5.0	5.0	50	mg/L	No
17 / BBLDP17 <sup>2</sup>	Electrical Conductivity	1420	1528	1459	-	µS/cm	-
17 / BBLDP17 <sup>2</sup>	Sulphate	498	481.3	473	-	mg/L	-

Note 1: On 22/06/21 EPL 765 was varied to remove EPL Monitoring Point 2/BBLD2.

Note 2: On 5/10/2022 EPL 765 was varied to add LDP17 and associated monitoring and limit conditions. October 2022 was the first monthly sample. Due to the recent addition of LDP17, the average and mean figures above are only of results from October 2022 onwards.

Note 3: On 10 August 2022, EPL 765 was amended to remove dust and weather monitoring points and conditions. On 19/10/2022 Baal Bone Colliery received approval from DPIE for “the cessation of the attended noise monitoring and depositional dust and meteorological monitoring at the EPL Monitoring Points No. 7, 13, 14 and 15”. Dust samples collected in October 2022 are the final dust results.

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## 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:** 31/12/2022

**Obtained:** 31/12/2022

**Published:** 16/01/2023

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