

## 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:** 13/11/2023

**Obtained:** 27/11/2023

**Published:** 27/11/2023

**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	0.14	0.12	0.12	1.0	mg/L	No
16 / BBLDP1	Oil and Grease	<5.0	5.0	5.0	10	mg/L	No
16 / BBLDP1	pH	6.9	7.0	7.1	6.5 - 8.5	pH	No
16 / BBLDP1	Total Suspended Solids	6.0	5.4	5.0	50	mg/L	No
16 / BBLDP1	Electrical Conductivity	1659	1566	1580	-	µS/cm	-
16 / BBLDP1	Sulphate	551	464	467	-	mg/L	-
17 / BBLDP17 <sup>2</sup>	Dissolved Iron	No flow through BBLDP17 on 13/11/2023			1.0	mg/L	No
17 / BBLDP17 <sup>2</sup>	Oil and Grease				10	mg/L	No
17 / BBLDP17 <sup>2</sup>	pH				6.5 - 8.5	pH	No
17 / BBLDP17 <sup>2</sup>	Total Suspended Solids				50	mg/L	No
17 / BBLDP17 <sup>2</sup>	Electrical Conductivity				-	µS/cm	-
17 / BBLDP17 <sup>2</sup>	Sulphate				-	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 BBLDP17 and associated monitoring and limit conditions. October 2022 was the first monthly sample. No flow through BBLDP17 since early January 2023.

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

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