

Baal Bone Colliery - Water Monitoring

License Holder: The Wallerawang Collieries Limited

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

EPL Number: 765

<https://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33540&SYSUID=1&LICID=765>

Sampled: 10/04/2017

Obtained: 01/05/2017

Published: 01/05/2017

Sampling Frequency: Monthly during discharge

Sampling Point	Pollutant	Monthly Measurement	Twelve Month Rolling Average	Twelve Month Rolling Median	Limit	Unit	Exceedance (yes/no)
LDP2	BOD	No Flow	-	-	-	mg/L	-
LDP2	Faecal Coliforms	No Flow	-	-	-	colony forming units per 100 mL	-
LDP2	Nitrogen (total)	No Flow	-	-	-	mg/L	-
LDP2	Oil and Grease	No Flow	-	-	-	mg/L	-
LDP2	pH	No Flow	-	-	-	pH	-
LDP2	Phosphorus (total)	No Flow	-	-	-	mg/L	-
LDP2	Total Suspended Solids	No Flow	-	-	-	mg/L	-
11 (LDP1)	Dissolved Iron	<0.05	0.08	0.05	1	mg/L	No
11 (LDP1)	Oil and Grease	3	2.0	2.0	10	mg/L	No
11 (LDP1)	pH	8.2	7.9	8	6.5 - 8.5	pH	No
11 (LDP1)	Total Suspended Solids	2	5	3	50	mg/L	No
11 (LDP1)	Electrical Conductivity	1110	1031	1040	-	µS/cm	-
11 (LDP1)	Sulphate	305	258	253	-	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

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Sampling Point	Frequency	Pollutant	Measurement	Twelve Month Rolling Average	Twelve Month Rolling Median	Limit	Unit	Exceedance (yes/no)
7 - DM1	Monthly	Particulates - Deposited Matter	0.3	0.4	0.4	4.0	g/m ² /month	No
13 - DM2	Monthly	Particulates - Deposited Matter	4.3*	0.3	0.4	4.0	g/m ² /month	No
14 - DM3	Monthly	Particulates - Deposited Matter	0.2	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

* denotes contaminated sample which has been excluded from the calculation of 12 month rolling average and median.

Baal Bone Colliery - Waste Monitoring

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Sampled: n/a

Obtained: n/a

Published: 01/05/2017

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