

Rocglen Coal Mine- Monthly Monitoring Summary

Site Information

EPL No: 12870

EPA Website Link: <http://epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=40278&SYSUID=1&LICID=12870>

Licensee: Whitehaven Coal Mining Pty Ltd

Licensee Address: Rocglen Coal Mine, Wean Road, GUNNEDAH NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: June 2021

Obtained Date: 8 July 2021

Publication Date: 19 July 2021

Table 1 - No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
4	Particulates-Deposited Matter (BD4)	g/m2/month	Continuous	1	13/05/21	25/05/21	-	-	-	0.55
6	Particulates-Deposited Matter (BD6)	g/m2/month	Continuous	1	13/05/21	25/05/21	-	-	-	2.07
10	PM ₁₀	µg/m3	Every 6 days	5	Various	11/06/21	0.1	3.22	0.2	14.2
11	TSS	mg/L	Special Frequency 1*	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
12	TSS	mg/L	Special Frequency 1*	1	-	-	-	-	-	31
	Conductivity	µS/cm					-	-	-	382
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	8.04
13	TSS	mg/L		-	-	-	-	-	43	



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EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	Conductivity	µS/cm	Special Frequency 2**(DDCK)				-	-	-	199
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	7.49
	Total organic carbon	mg/L					-	-	-	19
14	TSS	mg/L	Special Frequency 2**(UNDC)	-	10 June 21-	-	-	-	-	551
	Conductivity	µS/cm					-	-	-	223
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	7.49
	Total organic carbon	mg/L					-	-	-	12
15	TSS	mg/L	Special Frequency 2** (SD7)	-	-	-	-	-	-	22
	Conductivity	µS/cm					-	-	-	91
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	7.59
	Total organic carbon	mg/L					-	-	-	4

Table 2 - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date(s) Sampled	Date(s) Obtained	Min Value	Max or Only Value	100%ile Limit	Exceedance (Yes/No)	Comments
11	TSS	mg/L	Special Frequency 2* (LDP11)	-	-	-	-	208	-	N	Rainfall well exceeded 38.4mm
	Oil & Grease	mg/L					-	<5	-	N	
	pH	pH					-	7.92	-	N	
12	TSS	mg/L	Special Frequency 2* (LDP12)	-	-	-	-	-	-	-	-
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	

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* Special Frequency 1 means the collection of samples as soon as practicable after each discharge commences and in any case not more than 12 hours after each discharge commences.

** Special Frequency 2 means collection of samples quarterly (in the event of flow during the quarter) at a time when there is flow and as soon as practicable after each wet weather discharge from points 11 and 12 commences and in any case not more than 12 hours after each discharge commences.

Table 3 – Monitoring (Quarterly & Yearly – No Limits apply)

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max Value/Only Value
16	Aluminium	mg/L	Yearly	-		-	-	-	-	-
	Arsenic	mg/L					-	-	-	-
	Bicarbonate	mg/L					-	-	-	-
	Chloride	mg/L					-	-	-	-
	Iron	mg/L					-	-	-	-
	Manganese	mg/L					-	-	-	-
	Sodium	mg/L					-	-	-	-
16	Conductivity	µS/cm	Quarterly	-	26/05/2021	03/06/2021	-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	TOC	mg/L					-	-	-	-
	TSS	mg/L					-	-	-	-



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Figure 1 – EPL 12870 Monitoring Locations

