



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: May 2020

Obtained Date: 11th June 2020

Publication Date: 20th June 2020

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	g/m ² /month	Continuous	1	16/04/2020	23/04/2020	-	-	-	2.5
6	Particulates-Deposited Matter	g/m ² /month	Continuous	1	16/04/2020	23/04/2020	-	-	-	0.9
10	PM ₁₀	µg/m ³	Every 6 days	5	Various	11/05/2020	1.5	7.3	5.5	16.3
11	TSS	mg/L	Special Frequency 1*	1	7/05/2020	13/05/2020				12
	Conductivity	µS/cm								271
	Oil & Grease	mg/L								<5
	pH	pH								7.95
	Total organic carbon	mg/L								6
12	Conductivity	µS/cm	Special Frequency 1*	0	-	-	-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
13	TSS	mg/L	Special Frequency 2**	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-



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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
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
14	TSS	mg/L	Special Frequency 2**	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
15	TSS	mg/L	Special Frequency 2**	0	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-

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 1*	-	-	-	-	-	50	-	-
	Oil & Grease	mg/L					-	-	10	-	
	pH	pH					-	-	6.5-8.5	-	
12	TSS	mg/L	Special Frequency 1*	-	-	-	-	-	50	-	-
	Oil & Grease	mg/L					-	-	10	-	
	pH	pH					-	-	6.5-8.5	-	

* 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.



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** 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	0	20/04/2020	28/04/2020-	-	-	-	4.48
	Arsenic	mg/L					-	-	-	0.008
	Bicarbonate	mg/L					-	-	-	119
	Chloride	mg/L					-	-	-	59
	Iron	mg/L					-	-	-	3.12
	Manganese	mg/L					-	-	-	0.039
	Sodium	mg/L					-	-	-	107
16	Conductivity	µS/cm	Quarterly	0	20/04/2020	28/04/2020-	-	-	-	514
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	8.60
	TOC	mg/L					-	-	-	3
	TSS	mg/L					-	-	-	36



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Figure 1 – EPL 12870 Monitoring Locations

