



## 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:** March 2021

**Obtained Date:** 13 April 2021

**Publication Date:** 19 April 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/m <sup>2</sup> /month	Continuous	1	16/03/21	13/04/21	-	-	-	2.1
6	Particulates-Deposited Matter (BD6)	g/m <sup>2</sup> /month	Continuous	1	16/03/21	13/04/21	-	-	-	5.9
10	PM <sub>10</sub>	µg/m <sup>3</sup>	Every 6 days	5	Various	29/03/21	0.05	5.69	5.2	9.7
11	TSS	mg/L	Special Frequency 1*	3	Various	30/03/2021	301	3920	5370	6090
	Conductivity	µS/cm					310	361	371	402
	Oil & Grease	mg/L					<5	<5	<5	<5
	pH	pH					8.03	8.15	8.14	8.29
	Total organic carbon	mg/L					3	4.6	5	6
12	TSS	mg/L	Special Frequency 1*	2	-	-	43	84.5	84.5	126
	Conductivity	µS/cm					8	131.5	131.5	255
	Oil & Grease	mg/L					<5	<5	<5	<5
	pH	pH					7.5	7.74-	7.74	7.99
13	TSS	mg/L		2	-	-	20	58.5	58.5	97



# WHITEHAVEN COAL

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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**				142	168.5	168.5	195
	Oil & Grease	mg/L					<5	<5	<5	<5
	pH	pH					7.11	7.46	7.46	7.82
	Total organic carbon	mg/L					12	14	14	16
14	TSS	mg/L	Special Frequency 2**	1	-	-	-	-	-	1310
	Conductivity	µS/cm					-	-	-	315
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	7.86
	Total organic carbon	mg/L					-	-	-	8
15	TSS	mg/L	Special Frequency 2**	1	-	-	-	-	-	25
	Conductivity	µS/cm					-	-	-	81
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	6.93
	Total organic carbon	mg/L					-	-	-	8

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*	-	-	-	-	-	-	-	As above
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
12	TSS	mg/L	Special Frequency 1*	-	-	-	-	-	-	-	As above
	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				-	-	-	396
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	8.35
	TOC	mg/L					-	-	-	2
	TSS	mg/L					-	-	-	119



# WHITEHAVEN COAL

## Rocgen Coal Mine- Monthly Monitoring Summary

Figure 1 – EPL 12870 Monitoring Locations

