

## 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:** December 2021

**Obtained Date:** 18<sup>th</sup> January 2022

**Publication Date:** 18<sup>th</sup> January 2022

**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	14/12/2021	5/01/2022	-	-	-	2.60
6	Particulates- Deposited Matter (BD6)	g/m2/month	Continuous	1	14/12/2021	5/01/2022	-	-	-	1.20
10	PM <sub>10</sub>	µg/m3	Every 6 days	5	Various	18/01/2022	1.9	5.4	4.7	10.8
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*	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-



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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
13	TSS	mg/L	Special Frequency 2**(DDCK) (wet weather discharge)	1	8/12/2021	20/12/2021	-	-	-	44
	Conductivity	µS/cm					-	-	-	131
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	7.46
	Total organic carbon	mg/L					-	-	-	20
14	TSS	mg/L	Special Frequency 2**(UNDC) (wet weather discharge)	1	8/12/2021	20/12/2021	-	-	-	90
	Conductivity	µS/cm					-	-	-	268
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	7.51
	Total organic carbon	mg/L					-	-	-	23
15	TSS	mg/L	Special Frequency 2** (SD7) (quarterly sampling)	1	2/12/2021	13/12/2021	-	-	-	32
	Conductivity	µS/cm					-	-	-	102
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	7.19
	Total organic carbon	mg/L					-	-	-	16

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	Med	Max	Exceedance (Yes/No)	Comments
11	TSS	mg/L	Special Frequency 2* (LDP11) (wet weather discharge)	1	8/12/2021	20/12/2021	-	-	5090	No	-
	Oil & Grease	mg/L					-	-	<5	No	
	pH	pH					-	-	7.78	No	



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12	TSS	mg/L	Special Frequency 2* (LDP12) (wet weather discharge)	1	8/12/2021	20/12/2021	-	-	55	No	-
	Oil & Grease	mg/L					-	-	<5	No	
	pH	pH					-	-	7.32	No	

\* 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	1	2/12/2021	13/12/2021	-	-	-	392
	Oil & Grease	mg/L					-	-	-	<5
	pH	pH					-	-	-	8.06
	TOC	mg/L					-	-	-	4
	TSS	mg/L					-	-	-	164



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## Rocgen Coal Mine- Monthly Monitoring Summary

Figure 1 – EPL 12870 Monitoring Locations

