

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 2019 Obtained Date: 07 June 2019 Publication Date: 14 June 2019

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/m²/month	Continuous	1	17/05/19	31/05/19	-	-	-	7.4
6	Particulates- Deposited Matter	g/m²/month	Continuous	1	17/05/19	31/05/19	-	-	-	2.0
10	PM ₁₀	μg/m³	Every 6 days	5	Various	6/05/19	9.0	12.18	12.7	15.4
	Conductivity	μS/cm	Special Frequency 1*	-	-	-	1	1	-	-
11	Total organic carbon	mg/L					-	-	-	1
	Conductivity	μS /cm	Cassial		-		-	-	-	-
12	Total organic carbon	mg/L	Special Frequency 1*	-		-	-	-	-	1
	TSS	mg/L	Conside				-	-	-	-
13	Conductivity	μS/cm	Special Frequency 2**		_	-	-	-	-	-
13	Oil & Grease	mg/L	Trequency 2	-	-		-	ı	-	-
	рН	рН					-	-	-	-



WHITEHAVEN COAL

Rocglen Coal Mine- Monthly Monitoring Summary

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for	Date(s) Sampled	Date(s) Obtained	Min Value	Mean Value	Median Value	Max or Only Value
		Wicasare	rrequency	the Month	Jampica	Obtained	Value	Value	Value	Omy value
	Total organic carbon	mg/L					-	-	-	-
	TSS	mg/L					-	-	-	-
	Conductivity	μS/cm		-	-	_	-	-	-	-
	Oil & Grease	mg/L	Special Frequency 2**				-	-	-	-
14	рН	рН				_	-	-	-	-
	Total organic carbon	mg/L	Trequency 2				-	-	-	-
	TSS	mg/L					-	-	-	-
	Conductivity	μS /cm]			-	-	-	-	-
15	Oil & Grease	mg/L	Special				-	-	-	-
13	рН	рН	Frequency 2**	_	_		-	-	-	-
	Total organic carbon	mg/L					-	-	-	-

¹result caused by a regional dust event, not mine related.

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
	TSS	mg/L	Special				-	-	50	-	
11	Oil & Grease	mg/L	Frequency	-	-	-	-	-	10	-	
	рН	рН	1*				-	-	6.5-8.5	-	
	TSS	mg/L	Special				-	-	50	-	
12	Oil & Grease	mg/L	Frequency	-	-	-	-	-	10	-	
	рН	рН	1*				-	-	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.
- ** 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	
	Aluminium	mg/L				07/06/2019	-	-	-	0.19	
	Arsenic	mg/L			-		-	-	-	0.013	
	Bicarbonate	mg/L	Voorb	1			-	-	-	187	
16	Chloride	mg/L	Yearly				Not available at time of publication				
	Iron	mg/L					-	-	-	0.11	
	Manganese	mg/L					-	-	-	0.003	
	Sodium	mg/L					-	-	-	355	
	Conductivity	μS/cm			-		-	-	-	1640	
	Oil & Grease	mg/L				-	-	-	-	<5	
16	рН	рН	Quarterly	-			-	-	-	8.9	
	TOC	mg/L	·				-	-	-	4	
	TSS	mg/L					-	-	-	20	

Table 4 – Monitoring (Noise – Limits Apply)

EPL ID	Date	Start Time	Period (mins)	Rocglen Measured Levels – dB(A) L _{eq 15min Day}	Rocglen Measured Levels – dB(A) L _{eq 15min Evening}	Rocglen Measured Levels – dB(A) L _{eq 15min Night}	Rocglen Measured Levels – dB(A) L _{A 1min Night}	Limits	Wind speed (m/s)	Compliant (Y/N)	Comments
			90							Υ	
			30							Υ	
			60							Υ	
			60							Υ	
			90					35 dB(A) Leq (15 min) Day, Evening, Night 45dB(A) L _A (1 min) Night		Υ	
			30							Υ	Noise results not available at time of publication,
N1			60							Y	
			60							Y	
1			90							Y	
			30							Y	will be included in the June report.
			60							Y	1
			60							Υ	
			90							Υ	
			30					35 dB(A) Leq (15 min)		Υ	- - -
			60					Day, Evening, Night 45dB(A) L _A (1 min)		Y	
N2			60							Y	
			90					Night		Υ	
			30							Υ	



EPL ID	Date	Start Time	Period (mins)	Rocglen Measured Levels – dB(A) Leq 15min Day	Rocglen Measured Levels – dB(A) Leq 15min Evening	Rocglen Measured Levels – dB(A) L _{eq 15min Night}	Rocglen Measured Levels – dB(A) La 1min Night	Limits	Wind speed (m/s)	Compliant (Y/N)	Comments
			60								
			60								
			90								
			30								
			60								
			60								

Note: Measured noise levels are not necessarily the result of activity at Rocglen Coal Mine

Table 5 – Monitoring (Blasts – Limits Apply)

EPL ID	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max or Only Value	100%ile Limit	(Potential) Non-compliance /breach	
DD1	Blast Noise	dB (Lin Peak)	Every Blast	1		103.7	120	No	
BB1	Blast Vibration	mm/s	Every Blast	1		0.25	10	No	
DD2	Blast Noise	dB (Lin Peak)	Every Blast	1		102.3	120	No	
BB3	Blast Vibration	mm/s	Every Blast	1		1.03	10	No	





Figure 1 – EPL 12870 Monitoring Locations