

Site Information

EPL No: 12957

EPA Website Link: <u>http://epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=40292&SYSUID=1&LICID=12957</u>

Licensee: Namoi Mining Pty Ltd

Licensee Address: Sunnyside Coal Project, 259 Coocooboonah Lane, GUNNEDAH NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: August 2019

Obtained Date: 11 September 2019

Publication Date: 19 September 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
1	Particulates- Deposited Matter	g/m²/month	Continuous	1	19/08/19	27/08/19	-	-		1.0
2	Particulates- Deposited Matter	g/m²/month	Continuous	1	19/08/19	27/08/19	-	-	Dust results	0.7
4	Particulates- Deposited Matter	g/m²/month	Continuous	1	19/08/19	27/08/19	-	-	under review,	1.5
5	Particulates- Deposited Matter	g/m²/month	Continuous	1	19/08/19	27/08/19	-	-	possible lab error	1.1
6	Particulates- Deposited Matter	g/m²/month	Continuous	1	19/08/19	27/08/19	-	-		1.2
7	PM ₁₀	µg/m³	Every 6 days	5	Various	11/09/19	4.2	26.1	31.5	47.8
9	Conductivity	μS/cm	Creatial	1			-	-	-	-
	Total organic carbon	mg/L	Special Frequency 1*		-	-	-	-	-	-
10	Conductivity	μS/cm		-	-	-	-	-	-	-



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
	Total organic carbon	mg/L	Special Frequency 1*				-	-	-	-
	TSS	mg/L	Special Frequency 2**	-	-	-	-	-	-	-
	Conductivity	μS/cm		-			-	-	-	-
11	Oil & Grease	mg/L		-			-	-	-	-
11	рН	рН		-			-	-	-	-
	Total organic carbon	mg/L		-			-	-	-	-
	TSS	mg/L	Special Frequency 2**	-	-		-	-	-	-
	Conductivity	μS /cm		-		-	-	-	-	-
12	Oil & Grease	mg/L		-			-	-	-	-
12	рН	рН		-			-	-	-	-
	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 Sampled	Date Obtained	Min Value	Max Value	100%ile Limit	Exceedance (Yes/No)	Comments
	TSS	mg/L	Special	0			-	-	50	-	No discharge
9	Oil & Grease	mg/L	Frequency	0	-	-	-	-	10	-	No discharge
	рН	рН	1*	0			-	-	6.5-8.5	-	No discharge
	TSS	mg/L	Special	0			-	-	50	-	No discharge
10	Oil & Grease	mg/L	Frequency	0	-	-	-	-	10	-	No discharge
	рН	рН	1*	0			-	-	6.5-8.5	-	No discharge

* 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 9 and 10 commences and in any case not more than 12 hours after each discharge commences.

Table 3- Noise Monitoring (Noise limits apply)

EPL ID	Date	Start Time	Measurement Period	Measured Levels — dB(A) L _{eq 15min Day}	Measured Levels – dB(A) L _{eq 15min Evening}	Limit	Wind speed/ direction	Compliant (Yes/No)	Comments
13									
14									
15									
16								Y	



17						



Figure 1 – EPL 12957 Monitoring Locations

