

## SUNNYSIDE COAL MINE – MONTHLY MONITORING SUMMARY

### Site Information

**EPL No:** 12957

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

**Licensee:** Namoi Mining Pty Ltd

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

**EPL Monitoring Points:** See Figure 1 below

**Sampling Period:** December 2020

**Obtained Date:** 05 January 2021

**Publication Date:** 20<sup>th</sup> January 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
1	Particulates-Deposited Matter	g/m <sup>2</sup> /month	Continuous	1	17/12/20	05/01/21	-	-	-	1.38
2	Particulates-Deposited Matter	g/m <sup>2</sup> /month	Continuous	1	17/12/20	05/01/21	-	-	-	2.47
4	Particulates-Deposited Matter	g/m <sup>2</sup> /month	Continuous	1	17/12/20	05/01/21	-	-	-	8.17
5	Particulates-Deposited Matter	g/m <sup>2</sup> /month	Continuous	1	17/12/20	05/01/21	-	-	-	0.88
6	Particulates-Deposited Matter	g/m <sup>2</sup> /month	Continuous	1	17/12/20	05/01/21	-	-	-	1.61
7	PM <sub>10</sub>	µg/m <sup>3</sup>	Every 6 days	5	Various	05/01/21	1.9	9.6	7.4	21.5
9	Conductivity	µS/cm	Special Frequency 1*	-	-	-	-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
10	Conductivity	µS/cm	Special Frequency 1*	-	-	-	-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
11	TSS	mg/L		-	-	-	-	-	-	-



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

**Figure 1 – EPL 12957 Monitoring Locations**

