



## 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:** August 2022

**Obtained Date:** 10<sup>th</sup> September 2022

**Publication Date:** 23<sup>rd</sup> September 2022

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 (SD1)	g/m <sup>2</sup> /month	Continuous	1	18/08/2022	6/09/2022	-	-	-	1.97
2	Particulates-Deposited Matter (SD3)	g/m <sup>2</sup> /month	Continuous	1	18/08/2022	6/09/2022	-	-	-	41.71
4	Particulates-Deposited Matter (SD5)	g/m <sup>2</sup> /month	Continuous	1	18/08/2022	6/09/2022	-	-	-	1.04
5	Particulates-Deposited Matter (SD6)	g/m <sup>2</sup> /month	Continuous	1	18/08/2022	6/09/2022	-	-	-	0.36
6	Particulates-Deposited Matter (SD7)	g/m <sup>2</sup> /month	Continuous	1	18/08/2022	6/09/2022	-	-	-	0.32
7	PM <sub>10</sub>	µg/m <sup>3</sup>	Every 6 days	5	8/08/2022 14/08/2022 20/08/2022 23/08/2022 26/08/2022	(Last result received) 10/09/2022	0.05	1.37	0.9	4.3
11	TSS	mg/L		0			-	-	-	-

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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**		-	-	-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-
12	TSS	mg/L	Special Frequency 2**	0	-	-	-	-	-	-
	Conductivity	µS /cm					-	-	-	-
	Oil & Grease	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Total organic carbon	mg/L					-	-	-	-

<sup>1</sup>The Total Suspended Solids concentration limits specified for Points 9 and 10 may be exceeded for water discharged provided that:

(a) the discharge occurs solely as a result of rainfall measured at the premises that exceeds 38.4 millimetres over any consecutive 5 day period immediately prior to the discharge occurring; and

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	0	-	-	-	50	-	No discharge
	Conductivity	µS /cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge
10	TSS	mg/L	Special Frequency 1*	0	0	-	-	-	50	-	No discharge
	Conductivity	µS /cm		0			-	-	-	-	No discharge
	Oil & Grease	mg/L		0			-	-	10	-	No discharge
	pH	pH		0			-	-	6.5-8.5	-	No discharge
	Total organic carbon	mg/L		0			-	-	-	-	No discharge



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(b) all practical measures have been implemented to dewater all sediment dams within 5 days of rainfall such that they have sufficient capacity to store run off from a 38.4 millimetre, 5 day rainfall event.

\* 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

