



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: January 2023

Obtained Date: 21st February 2023

Publication Date: 22nd February 2023

| 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 ² /month | Continuous | 1 | 16/01/2023 | 2/02/2023 | - | - | - | 1.4 |
| 2 | Particulates-Deposited Matter (SD3) | g/m ² /month | Continuous | 1 | 16/01/2023 | 2/02/2023 | - | - | - | 0.54 |
| 4 | Particulates-Deposited Matter (SD5) | g/m ² /month | Continuous | 1 | 16/01/2023 | 2/02/2023 | - | - | - | 2.14 |
| 5 | Particulates-Deposited Matter (SD6) | g/m ² /month | Continuous | 1 | 16/01/2023 | 2/02/2023 | - | - | - | 0.5 |
| 6 | Particulates-Deposited Matter (SD7) | g/m ² /month | Continuous | 1 | 16/01/2023 | 2/02/2023 | - | - | - | 1.21 |
| 7 | PM ₁₀ | µg/m ³ | Every 6 days | 5 | 5/01/2023 11/01/2023 17/01/2023 23/01/2023 29/01/2023 | (Last result received) 21/02/2023 | 6.5 | 8 | 8.5 | 9 |

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|--------|----------------------|------------------|------------------------------|------------------------------|-----------------|------------------|-----------|------------|--------------|-------------------|
| 11 | TSS | mg/L | Special Frequency 2** (CCUS) | 0 | - | - | - | - | - | - |
| | Conductivity | µS/cm | | | | | - | - | - | - |
| | Oil & Grease | mg/L | | | | | - | - | - | - |
| | pH | pH | | | | | - | - | - | - |
| | Total organic carbon | mg/L | | | | | - | - | - | - |
| 12 | TSS | mg/L | Special Frequency 2**(CCDS) | 0 | - | - | - | - | - | - |
| | Conductivity | µS/cm | | | | | - | - | - | - |
| | Oil & Grease | mg/L | | | | | - | - | - | - |
| | pH | pH | | | | | - | - | - | - |
| | Total organic carbon | mg/L | | | | | - | - | - | - |

¹ 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*(SD3) | 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*(SD4) | 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

