

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: May 2021

Obtained Date: 11 June 2021

Publication Date: 18th June 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 (SD1) | g/m ² /month | Continuous | 1 | 13/05/21 | 25/05/21 | - | - | - | 3.85 |
| 2 | Particulates-Deposited Matter (SD3) | g/m ² /month | Continuous | 1 | 13/05/21 | 25/05/21 | - | - | - | 0.88 |
| 4 | Particulates-Deposited Matter (SD5) | g/m ² /month | Continuous | 1 | 13/05/21 | 25/05/21 | - | - | - | 1.99 |
| 5 | Particulates-Deposited Matter (SD6) | g/m ² /month | Continuous | 1 | 13/05/21 | 25/05/21 | - | - | - | 2.85 |
| 6 | Particulates-Deposited Matter (SD7) | g/m ² /month | Continuous | 1 | 13/05/21 | 25/05/21 | - | - | - | 0.88 |
| 7 | PM ₁₀ | µg/m ³ | Every 6 days | 5 | Various | 11/06/21 | 0.8 | 3.4 | 3.7 | 6.3 |
| 9 | Conductivity | µS/cm | Special Frequency 1* | - | - | - | - | - | - | - |
| | Total organic carbon | mg/L | | - | - | - | - | - | - | - |
| 10 | Conductivity | µS/cm | | - | - | - | - | - | - | - |

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|--------|----------------------|------------------|-----------------------|------------------------------|-----------------|------------------|-----------|------------|--------------|-------------------|
| | Total organic carbon | mg/L | Special Frequency 1* | | | | - | - | - | - |
| 11 | TSS | mg/L | Special Frequency 2** | - | - | - | - | - | - | - |
| | Conductivity | µS/cm | | - | | | - | - | - | |
| | 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

