



## 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:** July 2020

**Obtained Date:** 18<sup>th</sup> August 2020

**Publication Date:** 20<sup>th</sup> August 2020

**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                            | 17/07/20        | 29/07/20         | -         | -          | -            | 0.3               |
| 2      | Particulates-Deposited Matter | g/m <sup>2</sup> /month | Continuous           | 1                            | 17/07/20        | 29/07/20         | -         | -          | -            | 2.1               |
| 4      | Particulates-Deposited Matter | g/m <sup>2</sup> /month | Continuous           | 1                            | 17/07/20        | 29/07/20         | -         | -          | -            | 0.3               |
| 5      | Particulates-Deposited Matter | g/m <sup>2</sup> /month | Continuous           | 1                            | 17/07/20        | 29/07/20         | -         | -          | -            | 0.4               |
| 6      | Particulates-Deposited Matter | g/m <sup>2</sup> /month | Continuous           | 1                            | 17/07/20        | 29/07/20         | -         | -          | -            | 0.5               |
| 7      | PM <sub>10</sub>              | µg/m <sup>3</sup>       | Every 6 days         | 6                            | Various         | 18/08/20         | 0.05      | 2.81       | 3.2          | 5.4               |
| 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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| 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** | -                            | -               | -                | -         | -          | -            | -                 |
|        | 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**

