

Rocglen Coal Mine- Monthly Monitoring Summary

Site Information

EPL No: 12870

EPA Website Link: <http://epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=40278&SYSUID=1&LICID=12870>

Licensee: Whitehaven Coal Mining Pty Ltd

Licensee Address: Rocglen Coal Mine, Wean Road, GUNNEDAH NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: January 2025

Obtained Date: 13th February 2024

Publication Date: 18th February 2024

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 |
|--------|-------------------------------------|-------------------------|-----------------------------|------------------------------|---|------------------|-----------|------------|--------------|-------------------|
| 4 | Particulates-Deposited Matter (BD4) | g/m ² /month | Continuous | 1 | 06/01/2024 | 22/01/2024 | - | - | - | 1.4 |
| 6 | Particulates-Deposited Matter (BD6) | g/m ² /month | Continuous | 1 | 06/01/2024 | 22/01/2024 | - | - | - | 1.2 |
| 10 | PM ₁₀ | µg/m ³ | Every 6 days | 5 | 6/01/2024 12/01/2024 18/01/2024 24/01/2024 30/01/2024 | 13/02/2024 | 5.4 | 15.4 | 17.2 | 20.1 |
| 11 | Conductivity | µS/cm | Special Frequency 1* | 0 | - | - | - | - | - | - |
| | Total organic carbon | mg/L | | | | | - | - | - | - |
| 12 | Conductivity | µS/cm | Special Frequency 1* | 0 | - | - | - | - | - | - |
| | Total organic carbon | mg/L | | | | | - | - | - | - |
| 13 | TSS | mg/L | Special Frequency 2**(DDCK) | 0 | - | - | - | - | - | - |
| | Conductivity | µS/cm | | | | | - | - | - | - |
| | Oil & Grease | mg/L | | | | | - | - | - | - |
| | pH | pH | | | | | - | - | - | - |



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|--------|----------------------|------------------|-----------------------------|------------------------------|-----------------|------------------|-----------|------------|--------------|-------------------|
| | Total organic carbon | mg/L | | | | | - | - | - | - |
| 14 | TSS | mg/L | Special Frequency 2**(UNDC) | 0 | - | - | - | - | - | - |
| | Conductivity | µS/cm | | | | | - | - | - | - |
| | Oil & Grease | mg/L | | | | | - | - | - | - |
| | pH | pH | | | | | - | - | - | - |
| | Total organic carbon | mg/L | | | | | - | - | - | - |
| 15 | TSS | mg/L | Special Frequency 2** (SD7) | 0 | - | - | - | - | - | - |
| | 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(s) Sampled | Date(s) Obtained | Min Value | Max or Only Value | 100%ile Limit | Exceedance (Yes/No) | Comments |
|--------|--------------|------------------|----------------------|------------------------------|-----------------|------------------|-----------|-------------------|---------------|---------------------|----------|
| 11 | TSS | mg/L | Special Frequency 1* | 0 | - | - | - | - | - | No | - |
| | Oil & Grease | mg/L | | | | | - | - | - | No | |
| | pH | pH | | | | | - | - | - | No | |
| 12 | TSS | mg/L | Special Frequency 1* | 0 | - | - | - | - | - | No | - |
| | Oil & Grease | mg/L | | | | | - | - | - | No | |
| | pH | pH | | | | | - | - | - | No | |

* 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 11 and 12 commences and in any case not more than 12 hours after each discharge commences.



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Table 3 – Monitoring (Quarterly & Yearly – No Limits apply)

| EPL ID | Pollutant | Units of Measure | Monitoring Frequency | No. of Samples for the Month | Date Sampled | Date Obtained | Min Value | Mean Value | Median Value | Max Value/Only Value |
|--------|--------------|------------------|----------------------|------------------------------|--------------|---------------|-----------|------------|--------------|----------------------|
| 16 | Aluminium | mg/L | Yearly | 0 | - | - | - | - | - | - |
| | Arsenic | mg/L | | | | | - | - | - | - |
| | Bicarbonate | mg/L | | | | | - | - | - | - |
| | Chloride | mg/L | | | | | - | - | - | - |
| | Iron | mg/L | | | | | - | - | - | - |
| | Manganese | mg/L | | | | | - | - | - | - |
| | Sodium | mg/L | | | | | - | - | - | - |
| 16 | Conductivity | µS/cm | Quarterly | 0 | - | - | - | - | - | - |
| | Oil & Grease | mg/L | | | | | - | - | - | - |
| | pH | pH | | | | | - | - | - | - |
| | TOC | mg/L | | | | | - | - | - | - |
| | TSS | mg/L | | | | | - | - | - | - |



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Figure 1 – EPL 12870 Monitoring Locations

