



# Pine Dale Mine Pollution Monitoring Data - January 2022

EnergyAustralia  
LIGHT THE WAY

EPL Number: 4911  
 EPL Holder: Enhance Place Pty Limited  
 EPL Name of Facility: PINE DALE MINE  
 EPL Address of Facility: Castlereagh Highway Lidsdale NSW 2790  
 EPL Website link: [EPA Public Register - EPL4911](#)  
 EPL Monitoring Locations: [Pine Dale Mine Monitoring Points](#)  
 EPL Period monitored: 1 – 31 January 2022  
 Monthly Summary Status: Complete: all monitoring data obtained

## M2 Requirement to Monitor Concentration of Pollutants Discharged

### M2.3 Water Monitoring Requirements

|  | EPL Point 13<br>Discharge to Wangcol Ck | EPL 100 percentile<br>concentration limit |
|--|---|---|
| pH   | NA                                      | 6.5 - 8.5                                 |
| Conductivity (µS/cm)   | NA                                      |   |
| Sulphate (mg/L)  | NA                                      |   |
| Iron (filterable)  | NA                                      |   |
| TSS (mg/L)   | NA                                      | 30  |
| Turbidity (NTU)  | NA                                      |   |
| Oil & Grease (mg/L)  | NA                                      | 10  |
| No of Samples required by licence (24/11/21 - 23/11/22)      |   | NA  |
| No of Samples collected & analysed (24/11/2021 - 23/11/2022) |   | NA  |

NA - no samples required for monitoring period due to no discharge events.

### M5 Monitoring of Pollution Complaints - Summary

| Pollution Category     | Number Received |
|------------------------|-----------------|
| Air                    | 0               |
| Water                  | 0               |
| Noise                  | 0               |
| Waste                  | 0               |
| Blast                  | 0               |
| Other                  | 0               |
| Enquiry / Notification | 0               |

Refer to complaints register section of Energy Australia Pine Dale Mine website for further details.

### L5 Blasting

| Date                   | Park Street Blackmans Flat |                       | Noon St.             |                       | Summer St.           |                       |
|------------------------|----------------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|
|                        | Overpressure<br>(dB)       | Vibration<br>(mm/sec) | Overpressure<br>(dB) | Vibration<br>(mm/sec) | Overpressure<br>(dB) | Vibration<br>(mm/sec) |
| No blasting undertaken |                            |                       |                      |                       |                      |                       |

#### EPL Blasting Limit for 95% of blasts:

- Airblast overpressure level of **115dB**
- Ground vibration peak velocity of **5mm/sec**

#### EPL Blasting Limit for 100% of blasts:

- Airblast overpressure level of **120dB**
- Ground Vibration peak velocity of **10mm/sec**